
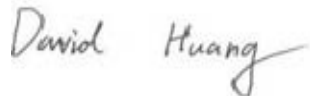



# EMC TEST REPORT



Report No.: 16070898-FCC-E

Supersede Report No.:N/A

Applicant	Unimax Communications	
Product Name	Mobile Phone	
Model No.	MXG-408	
Serial No.	N/A	
Test Standard	FCC Part 15 Subpart B Class B:2015, ANSI C63.4: 2014	
Test Date	July 22 to August 15, 2016	
Issue Date	August 16, 2016	
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"/>	
		
Loren Luo 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	16070898-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
16070898-FCC-E	NONE	Original	August 16, 2016

## 2. Customer information

Applicant Name	Unimax Communications
Applicant Add	18201 Mcdurmott St. West Suite E, Irvine, CA 92614
Manufacturer	Unimax Communications LLC
Manufacturer Add	18201 Mcdurmott St. West Suite E, Irvine, CA 92614

## 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:	MXG-408
Serial Model:	N/A
Antenna Gain:	GSM850: 0.33dBi PCS1900: 3.92dBi UMTS-FDD Band V: 0.33dBi UMTS-FDD Band II: 3.92dBi Bluetooth/BLE/WIFI: 1.98dBi
Antenna Type:	PIFA antenna
Input Power:	Adapter: Model:UMXCHG Input: AC 100-240V~50/60Hz;0.15A Output: DC 5.0V,500mA Battery: Model:BU1350 Spec: 3.7V,1350mAh(4.995Wh)
Equipment Category :	JBP
Type of Modulation:	GSM / GPRS: GMSK EGPRS: GMSK,8PSK UMTS-FDD: QPSK 802.11b/g/n: DSSS, OFDM Bluetooth: GFSK, $\pi$ /4DQPSK, 8DPSK BLE: GFSK

RF Operating Frequency (ies): 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;  
RX: 1932.4 ~ 1987.6 MHz  
WIFI: 802.11b/g/n(20M): 2412-2462 MHz  
Bluetooth& BLE: 2402-2480 MHz

Number of Channels: GSM 850: 124CH  
PCS1900: 299CH  
UMTS-FDD Band V : 102CH  
UMTS-FDD Band II : 277CH  
WIFI :802.11b/g/n(20M): 11CH  
Bluetooth: 79CH  
BLE: 40CH

Port: Earphone Port, USB Port

Trade Name : Unimax Communications

GPRS/EGPRS Multi-slot class 8/10/12

FCC ID: P46-UMX40INT

Date EUT received: July 21, 2016

Test Date(s): July 22 to August 15, 2016

## 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	23°C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	August 06, 2016
Tested By :	Loren Luo

#### 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 [mu] 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;"> <b>Note: 1.Support units were connected to second LISN .</b>  <b>2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.</b> </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>
-----------	--

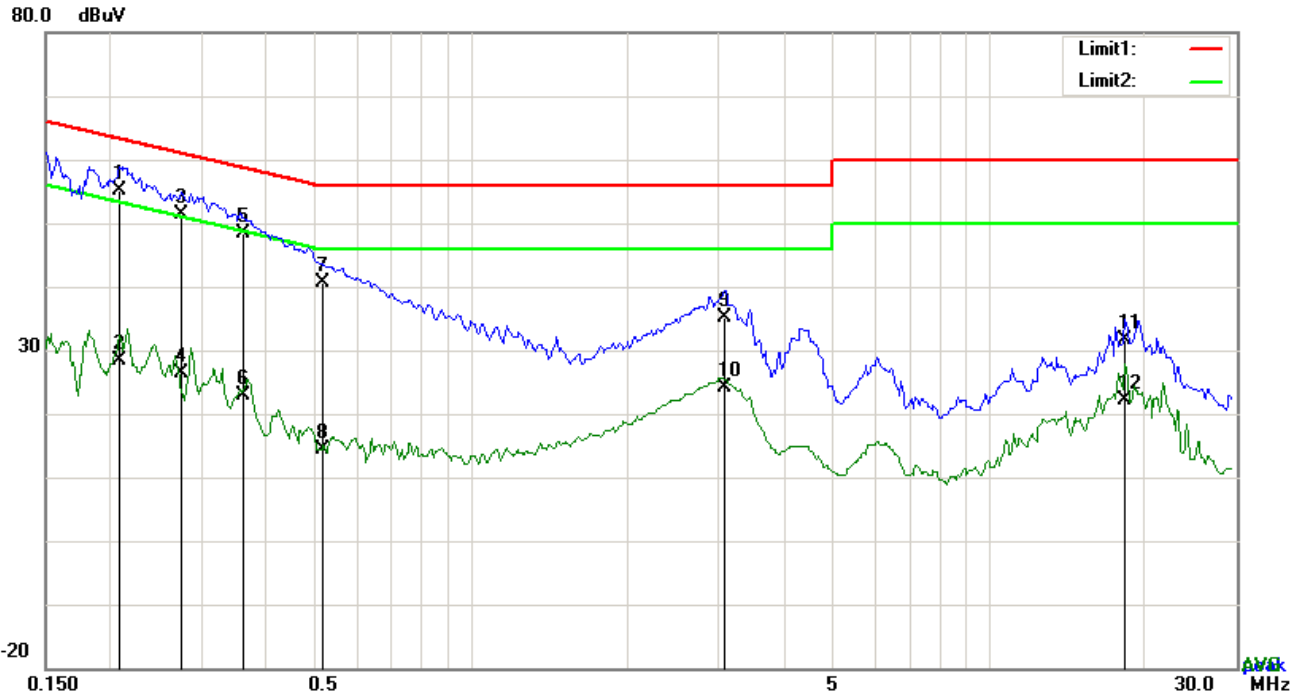
Test Report	16070898-FCC-E
Page	10 of 31

	<ol style="list-style-type: none"> <li>3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</li> <li>4. All other supporting equipment were powered separately from another main supply.</li> <li>5. The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>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.</li> <li>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.</li> <li>8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</li> </ol>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data     Yes                       N/A

Test Plot     Yes (See below)             N/A

<b>Test Mode:</b>	<b>USB Mode</b>
-------------------	-----------------

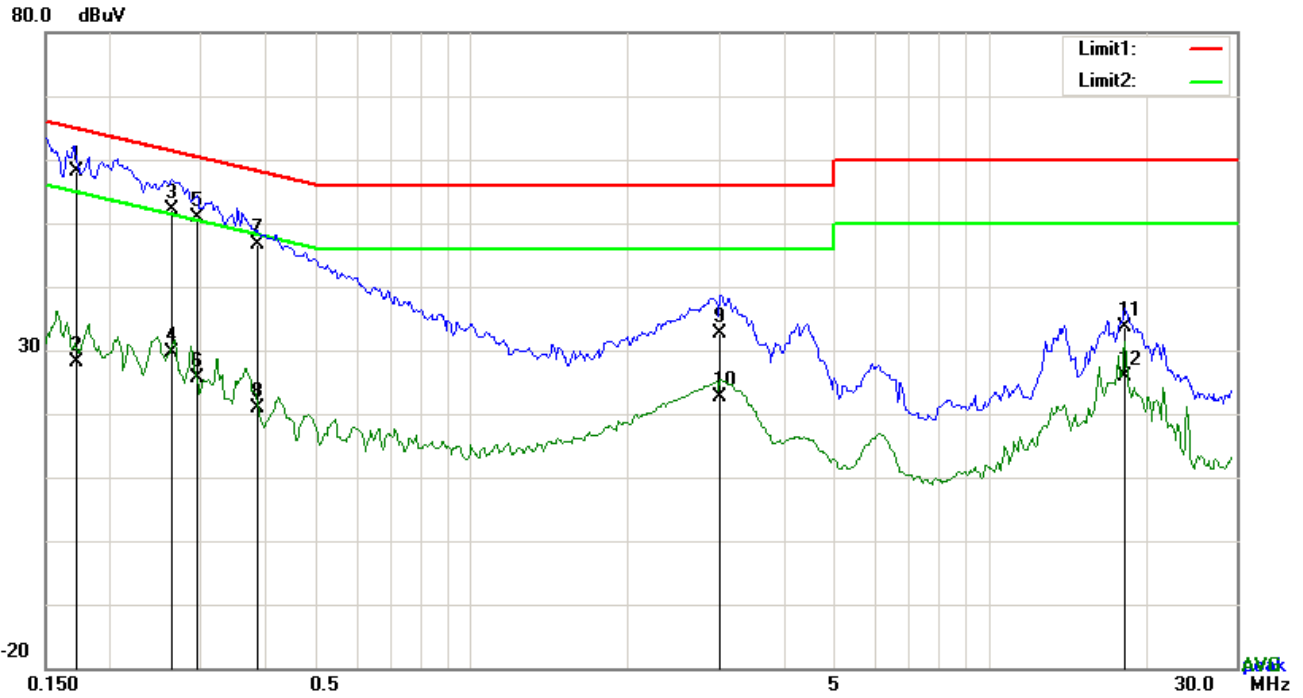


**Test Data**

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

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.2085	45.06	QP	10.03	55.09	63.26	-8.17
2	L1	0.2085	18.43	AVG	10.03	28.46	53.26	-24.80
3	L1	0.2748	41.44	QP	10.03	51.47	60.97	-9.50
4	L1	0.2748	16.37	AVG	10.03	26.40	50.97	-24.57
5	L1	0.3615	38.43	QP	10.03	48.46	58.69	-10.23
6	L1	0.3615	12.86	AVG	10.03	22.89	48.69	-25.80
7	L1	0.5166	30.67	QP	10.03	40.70	56.00	-15.30
8	L1	0.5166	4.34	AVG	10.03	14.37	46.00	-31.63
9	L1	3.0897	25.17	QP	10.06	35.23	56.00	-20.77
10	L1	3.0897	14.16	AVG	10.06	24.22	46.00	-21.78
11	L1	18.2451	21.40	QP	10.27	31.67	60.00	-28.33
12	L1	18.2451	11.77	AVG	10.27	22.04	50.00	-27.96

<b>Test Mode:</b>	<b>USB Mode</b>
-------------------	-----------------

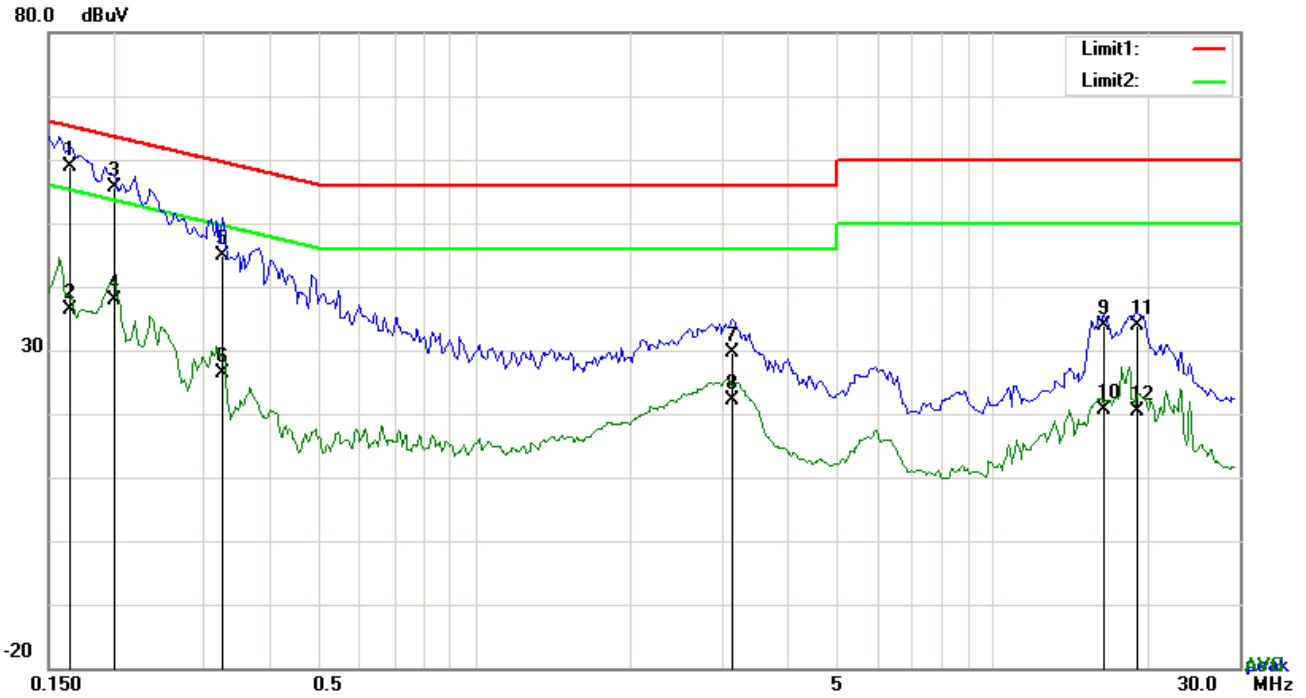


**Test Data**

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

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.1722	48.18	QP	10.02	58.20	64.85	-6.65
2	N	0.1722	18.13	AVG	10.02	28.15	54.85	-26.70
3	N	0.2631	42.07	QP	10.02	52.09	61.33	-9.24
4	N	0.2631	19.51	AVG	10.02	29.53	51.33	-21.80
5	N	0.2943	40.90	QP	10.02	50.92	60.40	-9.48
6	N	0.2943	15.68	AVG	10.02	25.70	50.40	-24.70
7	N	0.3852	36.71	QP	10.02	46.73	58.17	-11.44
8	N	0.3852	10.95	AVG	10.02	20.97	48.17	-27.20
9	N	3.0234	22.70	QP	10.05	32.75	56.00	-23.25
10	N	3.0234	12.64	AVG	10.05	22.69	46.00	-23.31
11	N	18.2451	23.38	QP	10.24	33.62	60.00	-26.38
12	N	18.2451	15.62	AVG	10.24	25.86	50.00	-24.14

<b>Test Mode:</b>	<b>USB Mode</b>
-------------------	-----------------

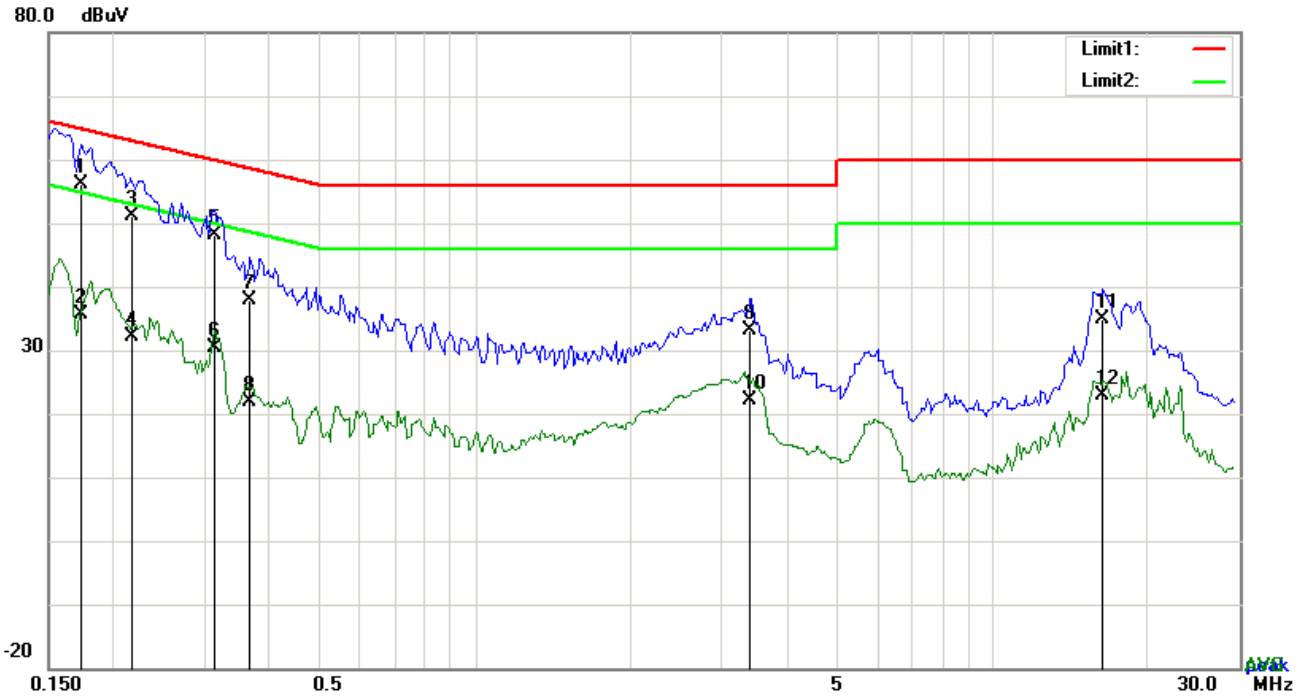


**Test Data**

**Phase Line Plot at 240Vac, 60Hz**

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.1656	48.95	QP	10.03	58.98	65.18	-6.20
2	L1	0.1656	26.33	AVG	10.03	36.36	55.18	-18.82
3	L1	0.2007	45.69	QP	10.03	55.72	63.58	-7.86
4	L1	0.2007	27.83	AVG	10.03	37.86	53.58	-15.72
5	L1	0.3255	34.85	QP	10.03	44.88	59.57	-14.69
6	L1	0.3255	16.35	AVG	10.03	26.38	49.57	-23.19
7	L1	3.1482	19.55	QP	10.06	29.61	56.00	-26.39
8	L1	3.1482	12.03	AVG	10.06	22.09	46.00	-23.91
9	L1	16.4043	23.58	QP	10.25	33.83	60.00	-26.17
10	L1	16.4043	10.48	AVG	10.25	20.73	50.00	-29.27
11	L1	19.0680	23.54	QP	10.29	33.83	60.00	-26.17
12	L1	19.0680	10.02	AVG	10.29	20.31	50.00	-29.69

<b>Test Mode:</b>	<b>USB Mode</b>
-------------------	-----------------



**Test Data**

**Phase Neutral Plot at 240Vac, 60Hz**

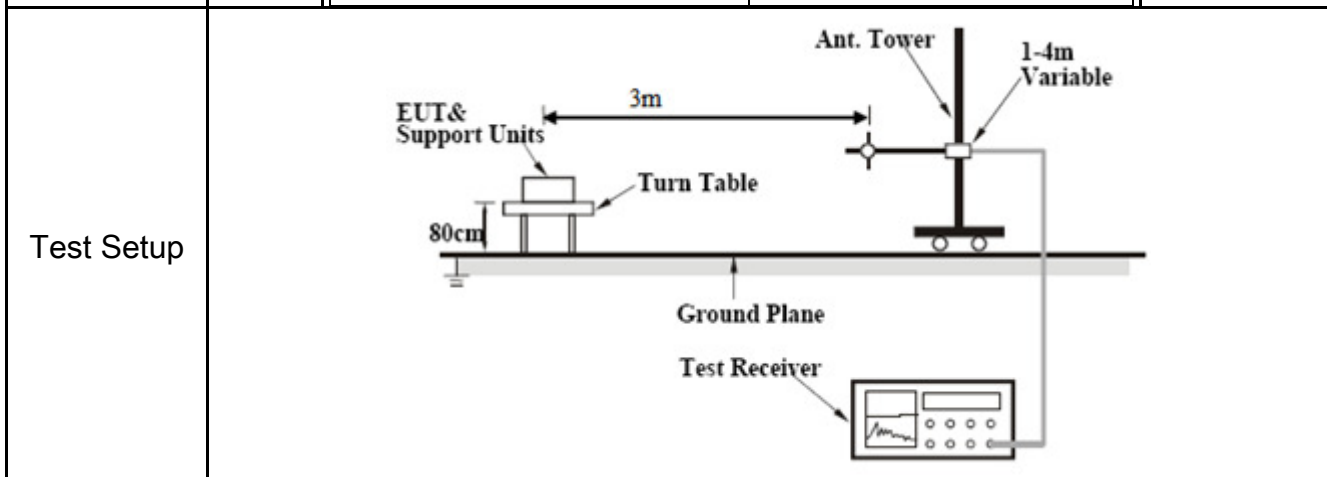
No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	N	0.1734	46.10	QP	10.02	56.12	64.80	-8.68
2	N	0.1734	25.63	AVG	10.02	35.65	54.80	-19.15
3	N	0.2174	40.99	QP	10.02	51.01	62.92	-11.91
4	N	0.2174	22.10	AVG	10.02	32.12	52.92	-20.80
5	N	0.3138	38.13	QP	10.02	48.15	59.87	-11.72
6	N	0.3138	20.33	AVG	10.02	30.35	49.87	-19.52
7	N	0.3684	27.75	QP	10.02	37.77	58.54	-20.77
8	N	0.3684	11.88	AVG	10.02	21.90	48.54	-26.64
9	N	3.4173	23.11	QP	10.05	33.16	56.00	-22.84
10	N	3.4173	11.97	AVG	10.05	22.02	46.00	-23.98
11	N	16.3536	24.67	QP	10.22	34.89	60.00	-25.11
12	N	16.3536	12.75	AVG	10.22	22.97	50.00	-27.03

## 6.2 Radiated Emissions

Temperature	23°C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	August 06, 2016
Tested By :	Loren Luo

### 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 (<math>\mu\text{V}/\text{m}</math>)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">30 – 88</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">88 – 216</td> <td style="text-align: center;">150</td> </tr> <tr> <td style="text-align: center;">216 960</td> <td style="text-align: center;">200</td> </tr> <tr> <td style="text-align: center;">Above 960</td> <td style="text-align: center;">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"> <li>1. The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>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"> <li>a. Vertical or horizontal polarization (whichever gave the higher emission level</li> </ol> </li> </ol>
-----------	---

Test Report	16070898-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 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.</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

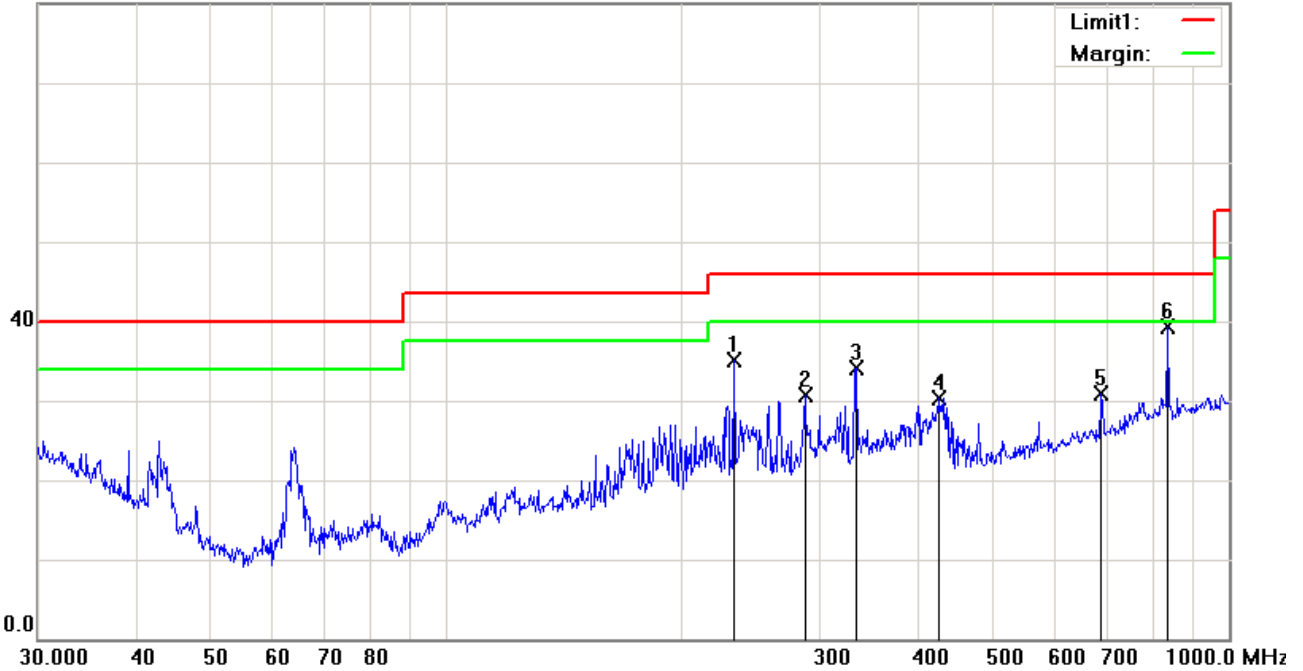
Test Plot     Yes (See below)             N/A



<b>Test Mode :</b>	<b>USB Mode</b>
--------------------	-----------------

**Below 1GHz**

80.0 dBuV/m

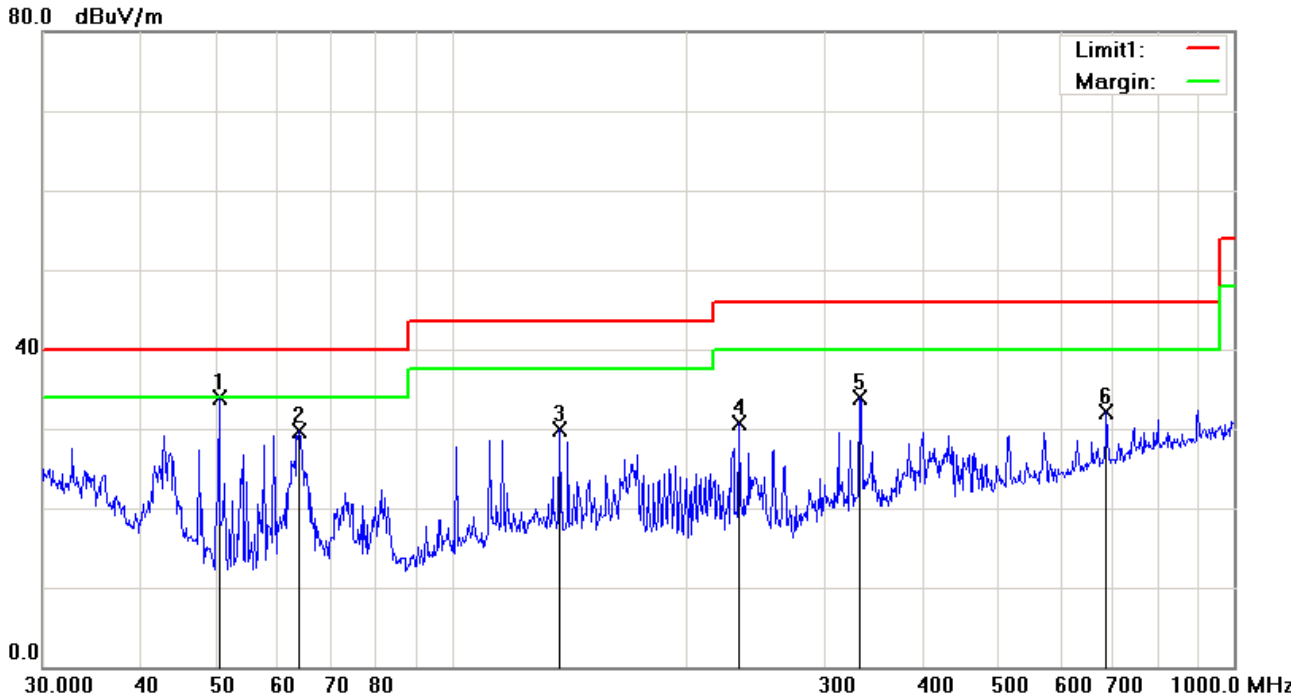


**Test Data**

**Horizontal 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	H	233.3487	44.09	peak	-9.04	35.05	46.00	-10.95	100	189
2	H	286.9823	38.24	peak	-7.49	30.75	46.00	-15.25	100	165
3	H	333.6867	40.12	peak	-5.93	34.19	46.00	-11.81	100	246
4	H	426.5210	33.89	peak	-3.66	30.23	46.00	-15.77	100	110
5	H	687.1507	29.68	peak	1.23	30.91	46.00	-15.09	100	56
6	H	836.2443	35.75	peak	3.64	39.39	46.00	-6.61	100	330

**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	50.4089	47.14	peak	-13.22	33.92	40.00	-6.08	100	56
2	V	63.7588	43.82	peak	-14.06	29.76	40.00	-10.24	100	97
3	V	137.4202	38.27	peak	-8.38	29.89	43.50	-13.61	100	156
4	V	233.3487	39.74	peak	-9.04	30.70	46.00	-15.30	100	310
5	V	332.5187	39.84	peak	-5.97	33.87	46.00	-12.13	100	179
6	V	687.1507	30.87	peak	1.23	32.10	46.00	-13.90	100	223

### *Above 1GHz*

Frequency (MHz)	Amplitude (dB $\mu$ V/m)	Azimuth	Height (cm)	Polarity (H/V)	Factors (dB)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector (PK/AV)
788.63	51.02	52	142	V	-22.22	74	-22.98	PK
1175.33	55.66	101	156	V	-23.54	74	-18.34	PK
1115.62	52.13	97	135	V	-21.25	74	-21.87	PK
827.33	53.25	88	250	H	-20.52	74	-20.75	PK
1252.52	45.44	120	222	H	-21.13	74	-28.56	PK
1771.33	53.52	115	173	H	-22.5	74	-20.48	PK

*Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to  $5 \times 2472 \text{MHz} = 12,360 \text{MHz}$ .*

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

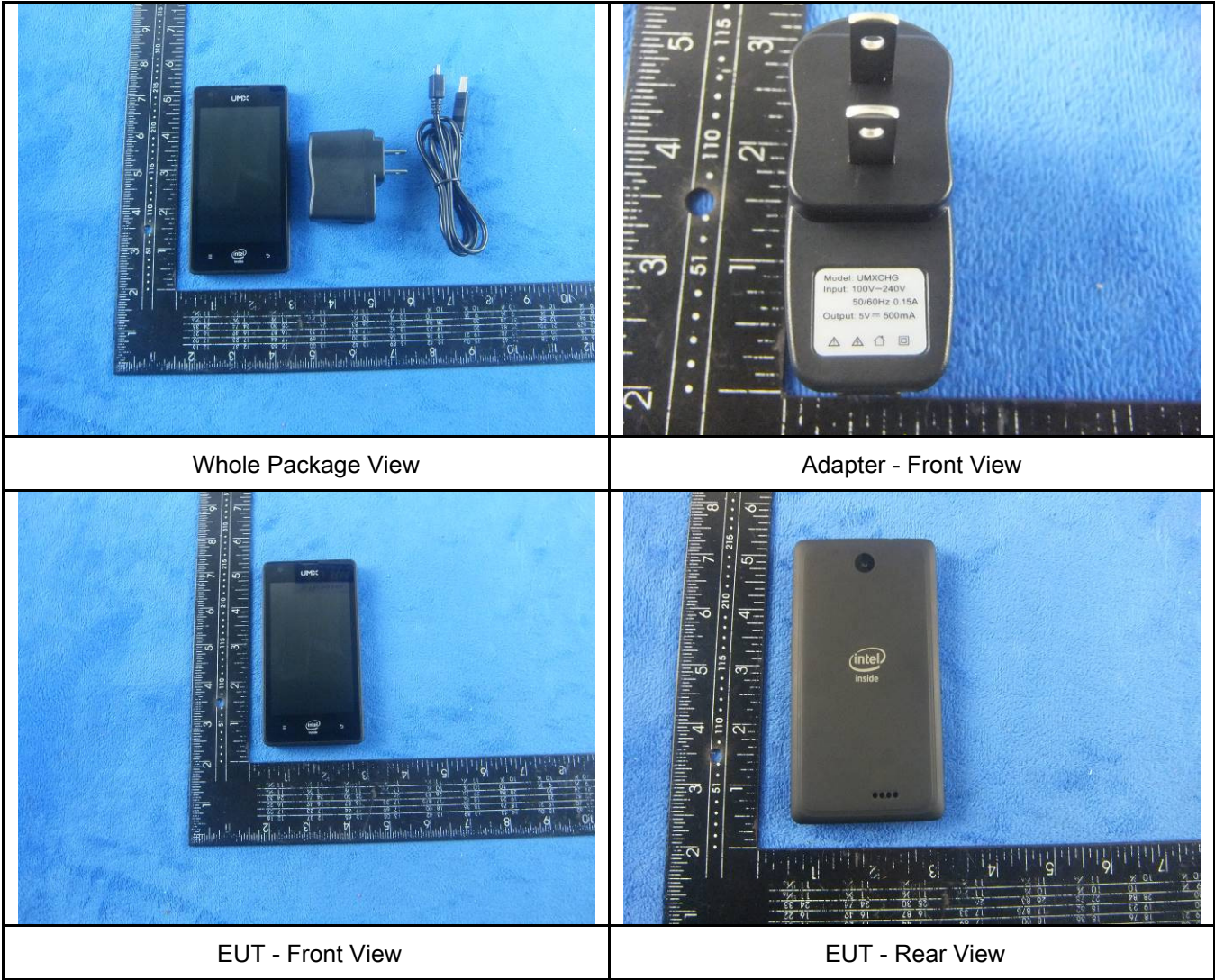
*Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.*

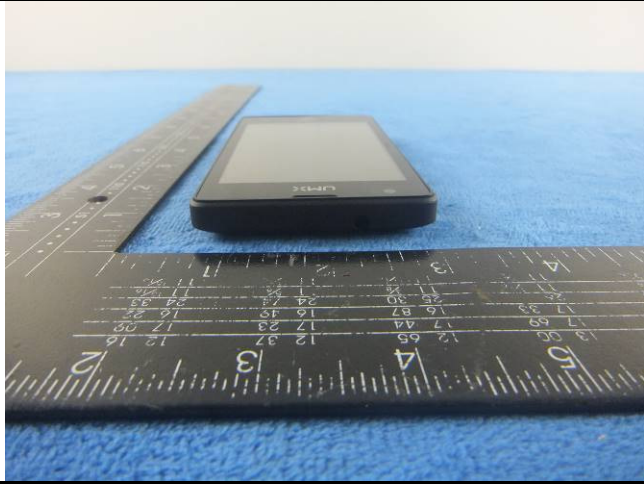
## Annex A. TEST INSTRUMENT

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	03/24/2016	03/23/2017	<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"/>

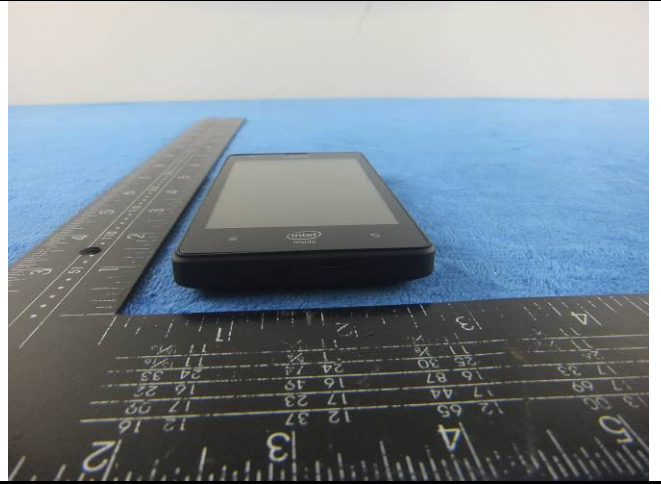
**Annex B. EUT And Test Setup Photographs**

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

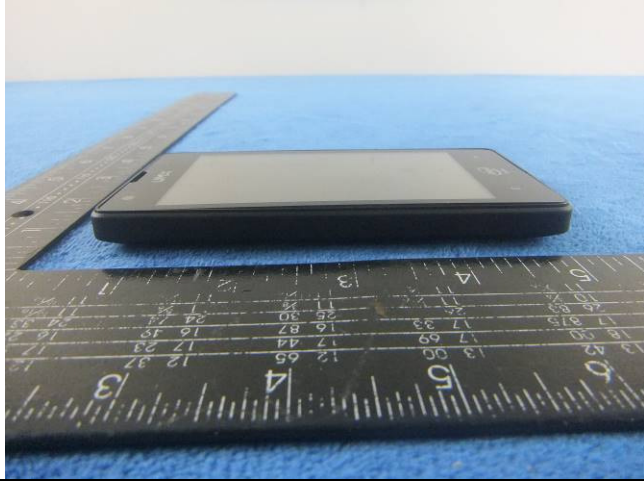




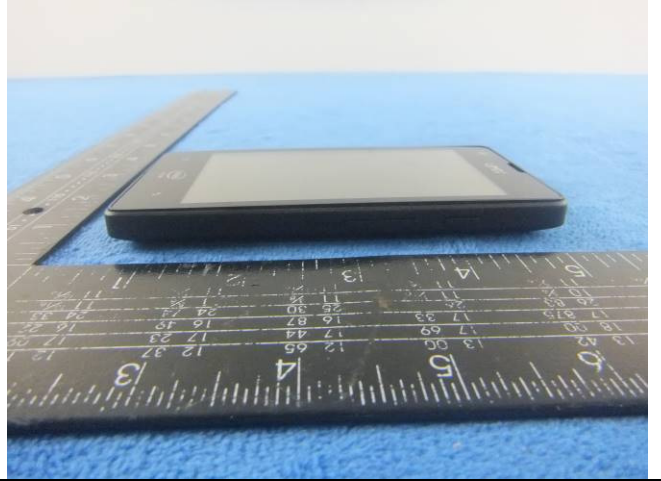
EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View

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



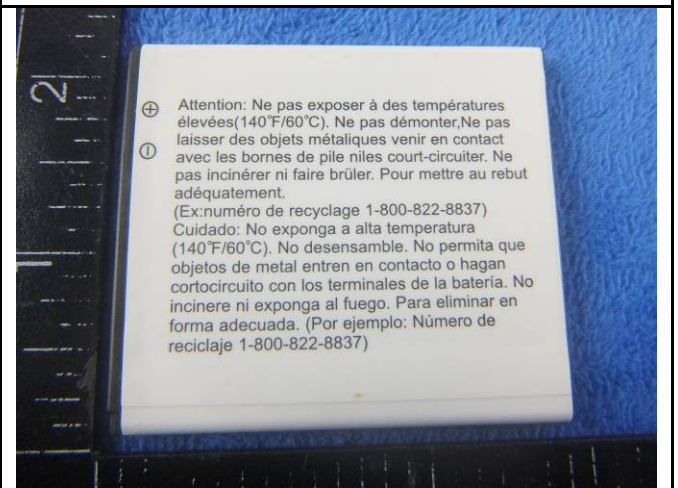
Cover Off - Top View 1



Cover Off - Top View 2



Battery - Front View



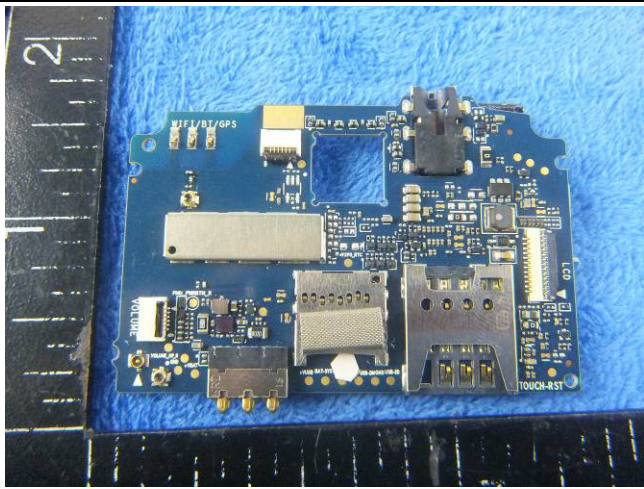
Battery - Rear View



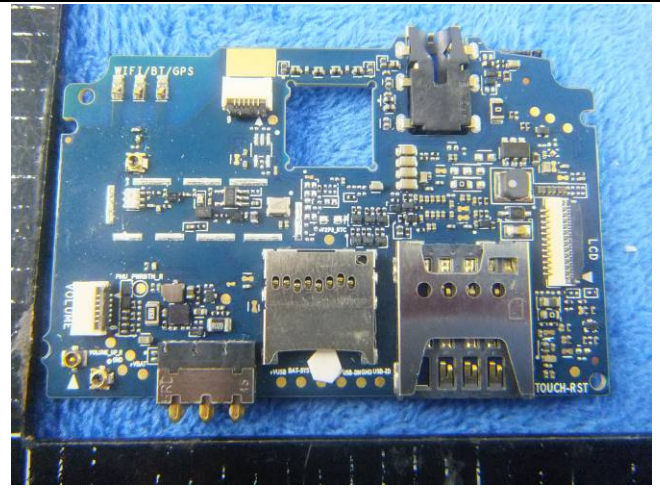
Mainboard with Shielding - Front View



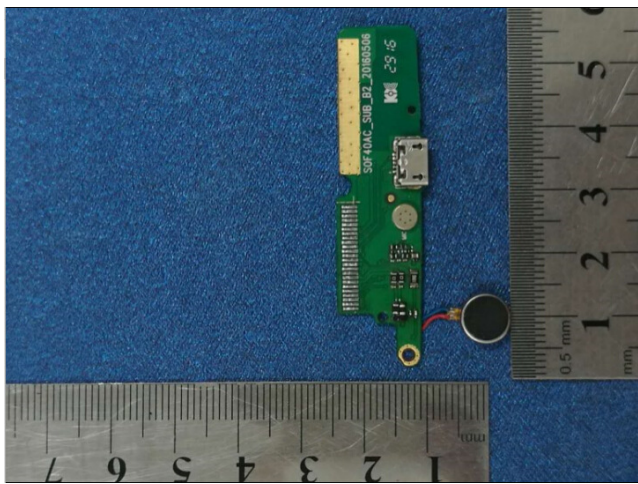
Mainboard without Shielding - Front View



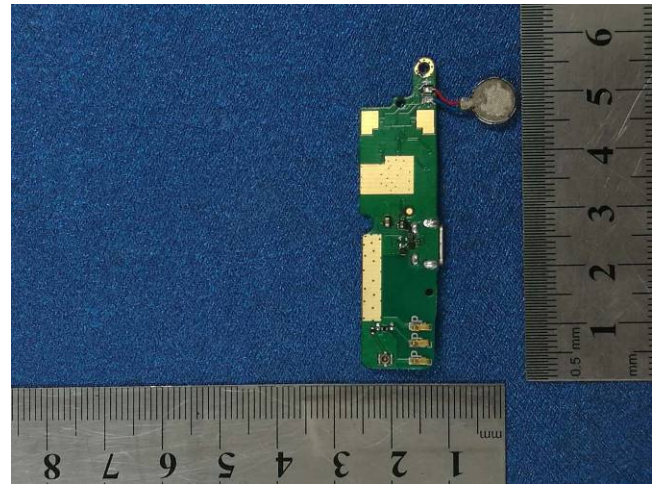
Mainboard with Shielding - Rear View



Mainboard without Shielding - Rear View



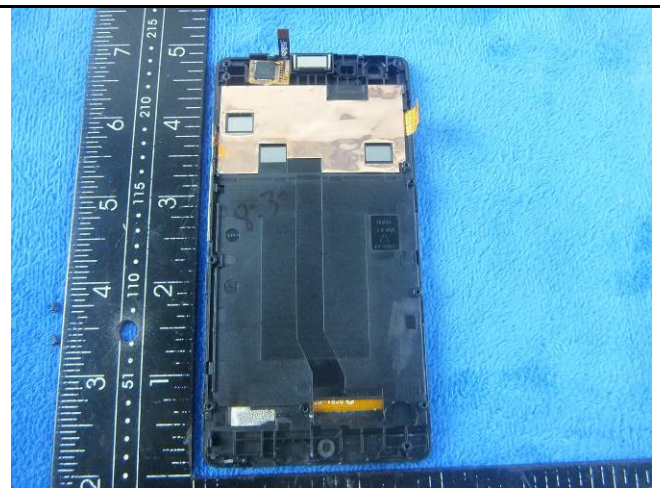
Small Board - Front View



Small Board - Rear View

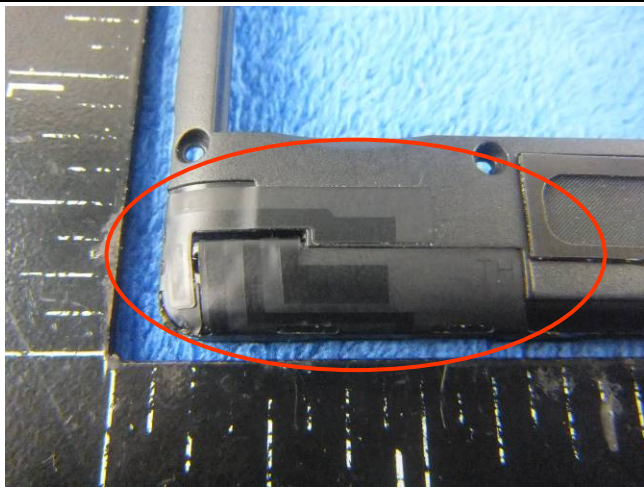


LCD - Front View

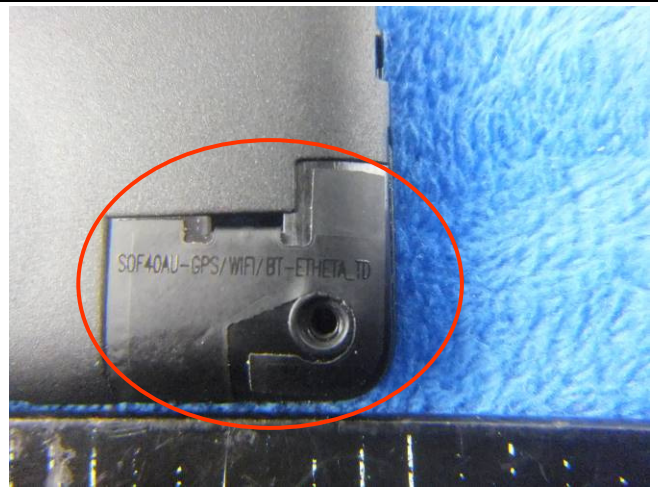


LCD - Rear View





GSM/PCS/UMTS-FDD Antenna View



WIFI/BT/BLE - Antenna View

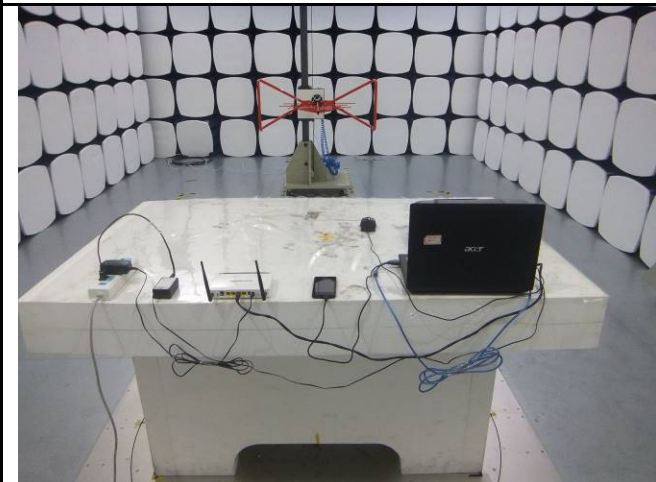
**Annex B.iii. Photograph: Test Setup Photo**



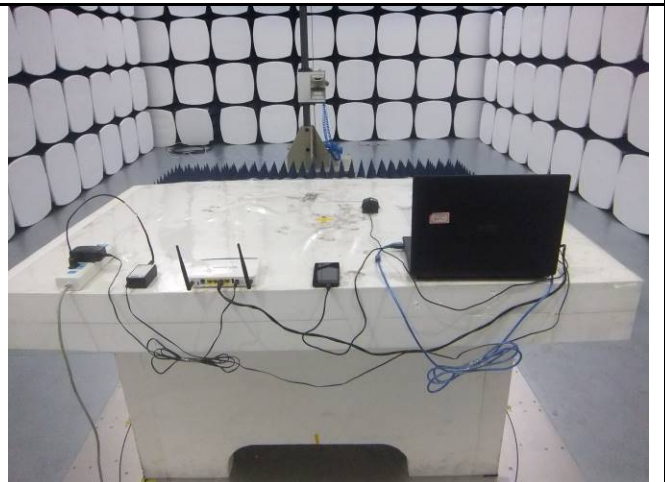
Conducted Emissions Test Setup – Front View



Conducted Emissions Test Setup – Side View



Radiated Emissions Test Setup Below 1GHz

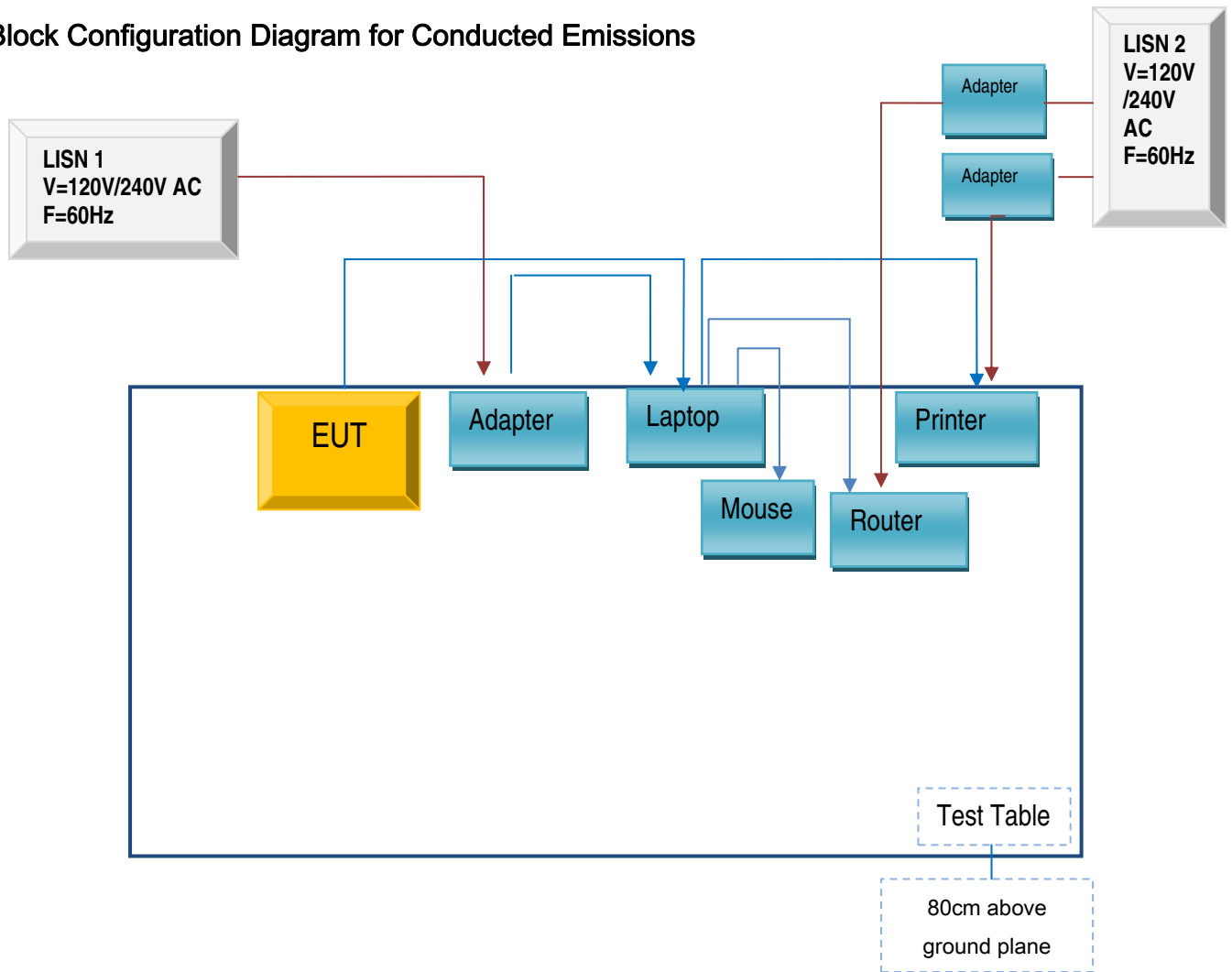


Radiated Emissions Test Setup Above 1GHz

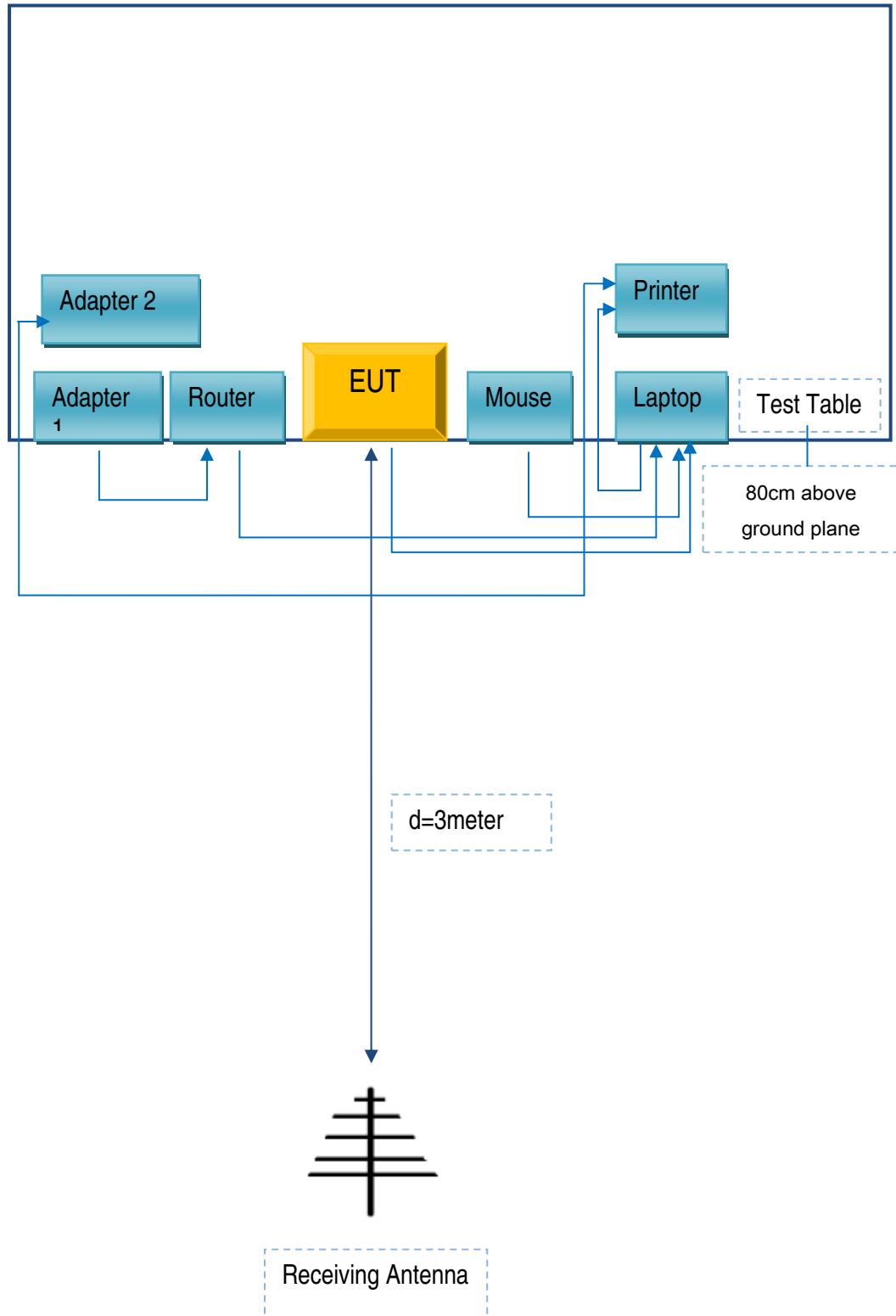
## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### 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.

### **Supporting Equipment:**

<b>Manufacturer</b>	<b>Equipment Description</b>	<b>Model</b>	<b>Serial No</b>
Lenovo	Laptop	E40	LR-1EHRX
GOLDWEB	Router	R102	1202032094
Unimax Communications	Adapter	UMXCHG	C0005
Lenovo	AC Adapter	42T4416	21D9JU
HP	Printer	VCVRA-1003	CN36M19JWX
DELL	Mouse	E100	912NMTUT41481
BULL	Socket	GN-403	GN201203

### **Supporting Cable:**

<b>Cable type</b>	<b>Shield Type</b>	<b>Ferrite Core</b>	<b>Length</b>	<b>Serial No</b>
USB Cable	Un-shielding	No	2m	JX120051274
USB Cable	Un-shielding	No	2m	JX110725002
RJ45 Cable	Un-shielding	No	2m	KX156327541
Router Power cable	Un-shielding	No	2m	13274630Z
Printer Power cable	Un-shielding	No	2m	127581031
Power Cable	Un-shielding	No	0.8m	GT211032

Test Report	16070898-FCC-E
Page	30 of 31

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

Please see attachment

Test Report	16070898-FCC-E
Page	31 of 31

## Annex E. DECLARATION OF SIMILARITY

N/A