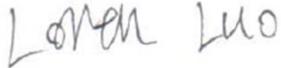
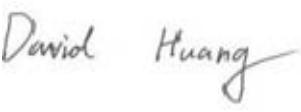


# EMC TEST REPORT



Report No.: 16070595-FCC-E

Supersede Report No.:N/A

Applicant	Shenzhen Konka Telecommunications Technology Co., Ltd.		
Product Name	Smart Phone		
Model No.	AD570		
Serial No.	N/A		
Test Standard	FCC Part 15 Subpart B Class B:2015, ANSI C63.4: 2014		
Test Date	May 26 to June 06, 2016		
Issue Date	June 07, 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	16070595-FCC-E
Page	3 of 30

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.....	26
ANNEX D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PARTLIST .....	29
ANNEX E. DECLARATION OF SIMILARITY .....	30

## 1. Report Revision History

Report No.	Report Version	Description	Issue Date
16070595-FCC-E	NONE	Original	June 07, 2016

## 2. Customer information

Applicant Name	Shenzhen Konka Telecommunications Technology Co., Ltd.
Applicant Add	No.9008 Shennan Road,Overseas Chinese Town, ShenZhen, Guangdong,China
Manufacturer	Shenzhen Konka Telecommunications Technology Co., Ltd.
Manufacturer Add	No.9008 Shennan Road,Overseas Chinese Town, ShenZhen, Guangdong,China

## 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: Smart Phone

Main Model: AD570

Serial Model: N/A

GSM850: -0.11dBi

PCS1900: 0.92dBi

UMTS-FDD Band 5: -0.05dBi

Antenna Gain: UMTS-FDD Band 2: 0.81dBi

LTE Band 4: 0.81dBi

Bluetooth/BLE/WIFI: 1.36dBi

GPS: 1.36dBi

Adapter:

Model: HJ-050100-AR

Input: AC 100-240V~50/60Hz;0.15A

Output: DC 5.0V,1A

Input Power: Potencia: 5W

Battery:

Model: KLB270P350

Spec: 3.8V,2700mAh(10.26Wh)

Charge limited voltage: 4.35V

Equipment Category : JBC

GSM / GPRS: GMSK

EGPRS: GMSK,8PSK

UMTS-FDD: QPSK

LTE Band: QPSK, 16QAM

Type of Modulation: 802.11b/g/n: DSSS, OFDM

Bluetooth: GFSK, π /4DQPSK, 8DPSK

BLE: GFSK

GPS:BPSK

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 5 TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz  
UMTS-FDD Band 2 TX: 1852.4 ~ 1907.6 MHz;  
RX: 1932.4 ~ 1987.6 MHz

### RF Operating Frequency (ies):

LTE Band 4 TX: 1712.5 ~ 1752.5 MHz; RX : 2112.5 ~ 2152.5 MHz  
WIFI: 802.11b/g/n(20M): 2412-2462 MHz  
WIFI: 802.11n(40M): 2422-2452 MHz  
Bluetooth& BLE: 2402-2480 MHz  
GPS: 1575.42 MHz

GSM 850: 124CH  
PCS1900: 299CH  
UMTS-FDD Band 4: 202CH  
WIFI :802.11b/g/n(20M): 11CH  
WIFI :802.11n(40M): 7CH  
Bluetooth: 79CH  
BLE: 40CH  
GPS:1CH

Number of Channels:

Port: Power Port, Earphone Port, USB Port

Trade Name : ADMIRAL

FCC ID: UT3AD570

Date EUT received: May 25, 2016

Test Date(s): May 26 to June 06, 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

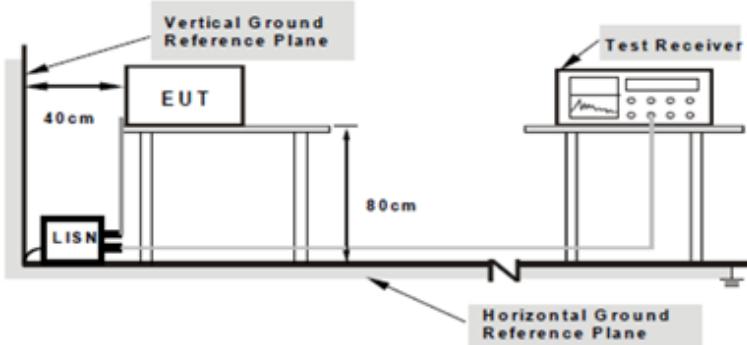
Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-

## 6. Measurements, Examination And Derived Results

### 6.1 AC Power Line Conducted Emissions

Temperature	23°C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	June 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 (dB<math>\mu</math>V)</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 (dB $\mu$ V)		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 (dB $\mu$ V)																
	QP	Average															
0.15 ~ 0.5	66 – 56	56 – 46															
0.5 ~ 5	56	46															
5 ~ 30	60	50															
Test Setup	 <p>The diagram illustrates the test setup. An EUT (Equipment Under Test) is placed on a table. A LISN (Line Impedance Stabilization Network) is connected between the EUT and the power source. A Test Receiver is connected to the LISN. The setup is positioned on a horizontal ground reference plane. The distance between the LISN and the EUT is 40 cm, and the distance between the LISN and the Test Receiver is 80 cm. A vertical ground reference plane is also indicated.</p> <p><b>Note:</b>    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>																

	<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

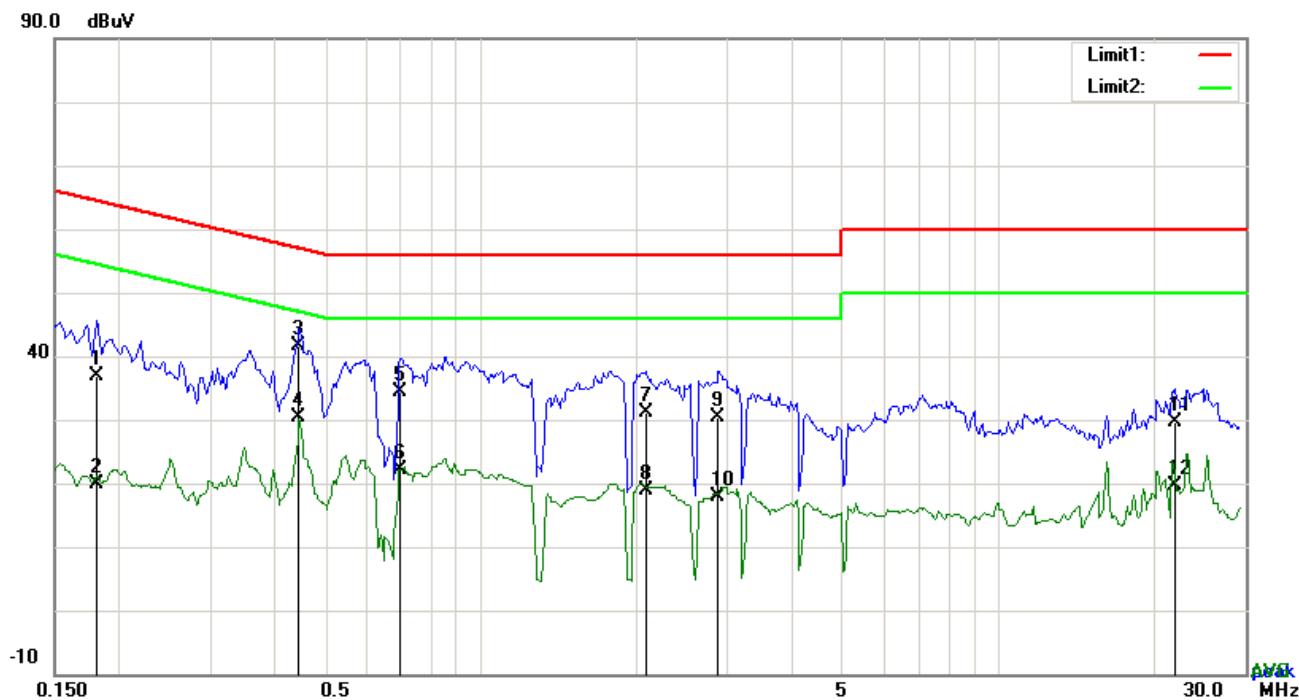
**Test Mode 1 : USB Mode**

**Test Mode 2 : MP4 Mode**

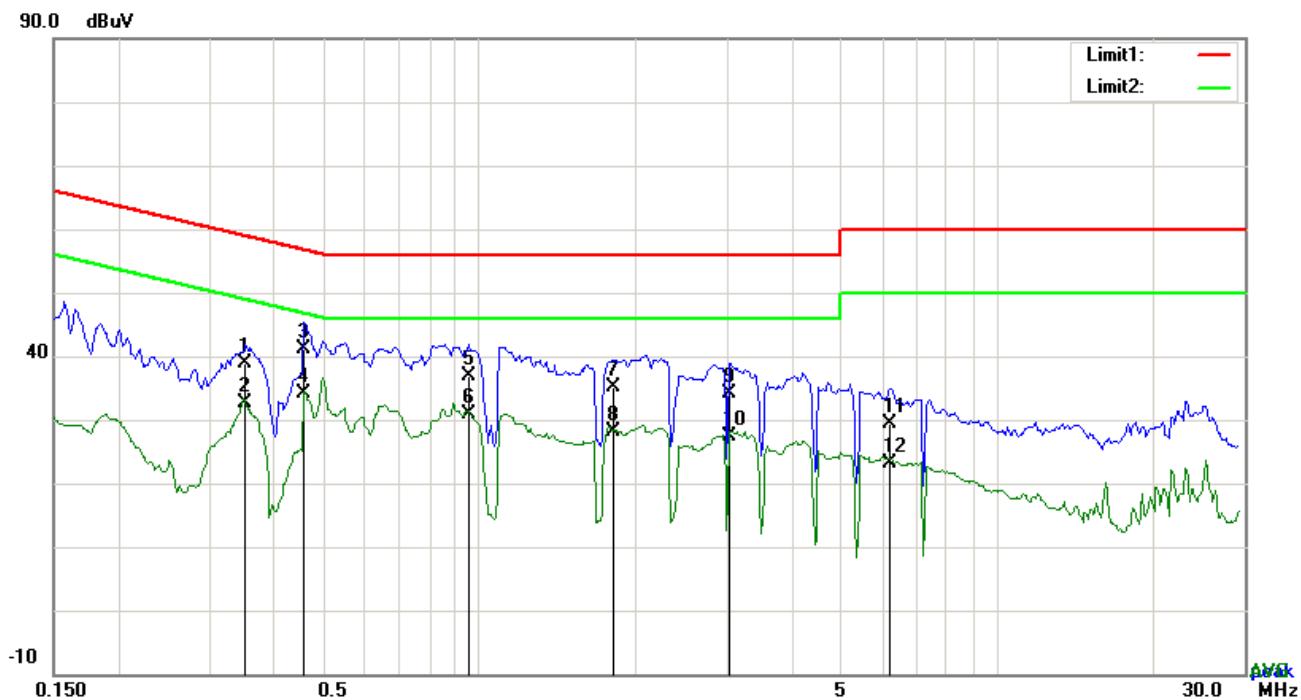
**Test Mode 3 : Camera Mode**

**Test Mode 4 : FM Mode**

All modes were investigated. The results below show only the worst case: USB mode

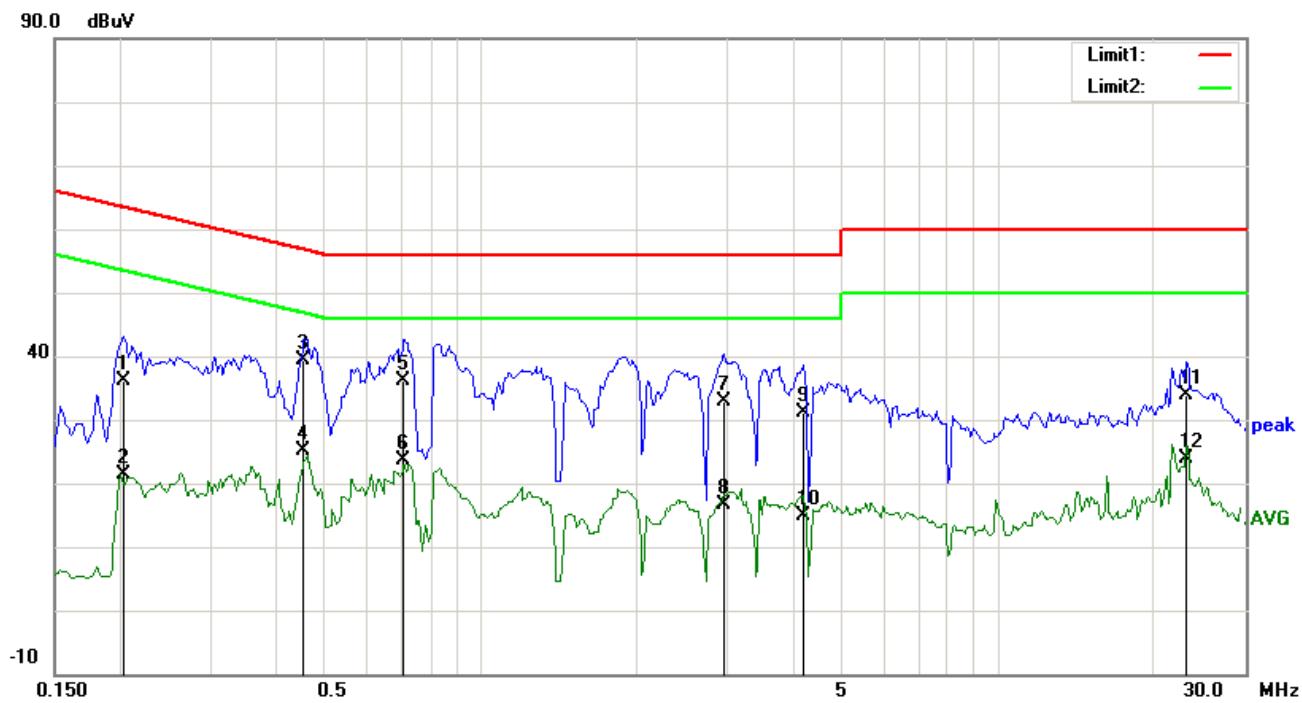
**Test Mode 1 : USB Mode**

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

No.	P/L	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	L1	0.1812	26.91	QP	10.03	36.94	64.43	-27.49
2	L1	0.1812	9.92	AVG	10.03	19.95	54.43	-34.48
3	L1	0.4464	31.53	QP	10.03	41.56	56.94	-15.38
4	L1	0.4464	20.25	AVG	10.03	30.28	46.94	-16.66
5	L1	0.6999	24.30	QP	10.03	34.33	56.00	-21.67
6	L1	0.6999	12.18	AVG	10.03	22.21	46.00	-23.79
7	L1	2.0844	21.05	QP	10.04	31.09	56.00	-24.91
8	L1	2.0844	8.96	AVG	10.04	19.00	46.00	-27.00
9	L1	2.8839	20.33	QP	10.05	30.38	56.00	-25.62
10	L1	2.8839	7.73	AVG	10.05	17.78	46.00	-28.22
11	L1	21.9072	19.20	QP	10.34	29.54	60.00	-30.46
12	L1	21.9072	9.17	AVG	10.34	19.51	50.00	-30.49

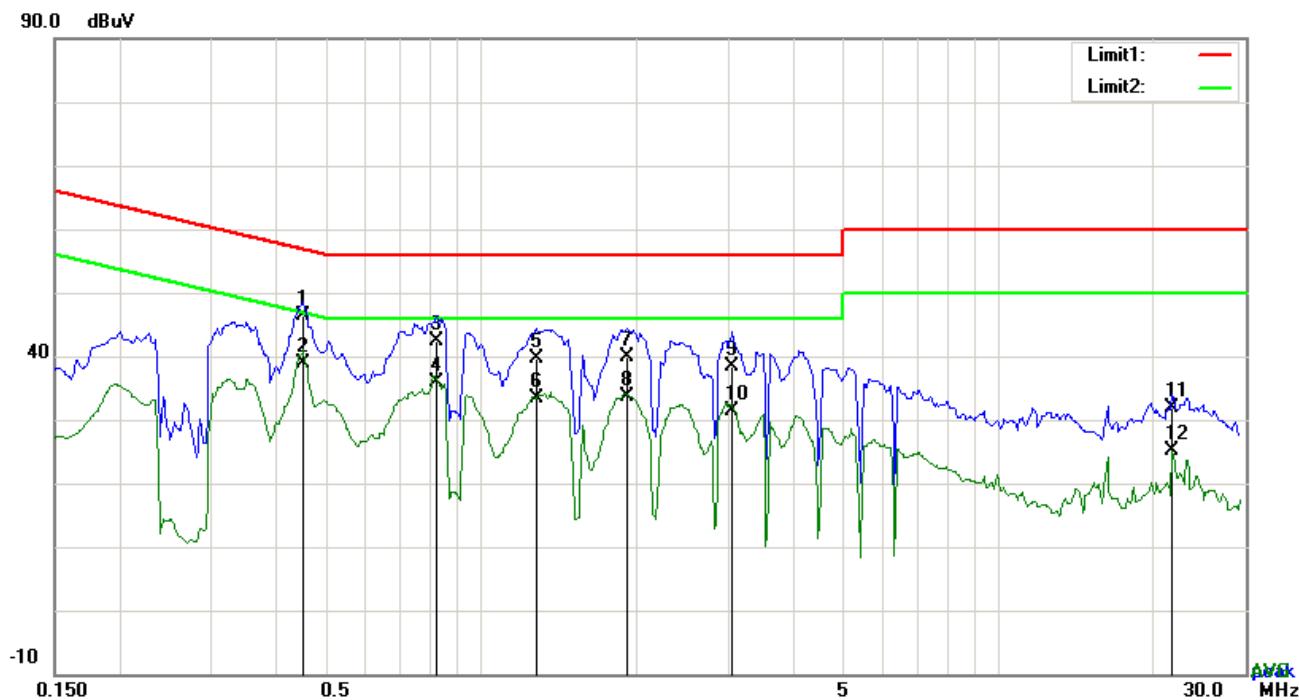
**Test Mode 1: USB Mode**


Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	N	0.3528	28.76	QP	10.02	38.78	58.90	-20.12
2	N	0.3528	22.62	AVG	10.02	32.64	48.90	-16.26
3	N	0.4581	31.07	QP	10.02	41.09	56.73	-15.64
4	N	0.4581	24.15	AVG	10.02	34.17	46.73	-12.56
5	N	0.9495	26.88	QP	10.03	36.91	56.00	-19.09
6	N	0.9495	20.86	AVG	10.03	30.89	46.00	-15.11
7	N	1.8096	25.15	QP	10.04	35.19	56.00	-20.81
8	N	1.8096	18.05	AVG	10.04	28.09	46.00	-17.91
9	N	3.0390	24.10	QP	10.05	34.15	56.00	-21.85
10	N	3.0390	17.27	AVG	10.05	27.32	46.00	-18.68
11	N	6.2097	19.20	QP	10.09	29.29	60.00	-30.71
12	N	6.2097	13.04	AVG	10.09	23.13	50.00	-26.87

**Test Mode 1: USB Mode**

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

No.	P/L	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	L1	0.2046	26.12	QP	10.03	36.15	63.42	-27.27
2	L1	0.2046	11.26	AVG	10.03	21.29	53.42	-32.13
3	L1	0.4542	29.44	QP	10.03	39.47	56.80	-17.33
4	L1	0.4542	15.12	AVG	10.03	25.15	46.80	-21.65
5	L1	0.7116	26.17	QP	10.03	36.20	56.00	-19.80
6	L1	0.7116	13.64	AVG	10.03	23.67	46.00	-22.33
7	L1	2.9463	22.77	QP	10.05	32.82	56.00	-23.18
8	L1	2.9463	6.65	AVG	10.05	16.70	46.00	-29.30
9	L1	4.1817	21.17	QP	10.07	31.24	56.00	-24.76
10	L1	4.1817	4.87	AVG	10.07	14.94	46.00	-31.06
11	L1	23.1318	23.51	QP	10.36	33.87	60.00	-26.13
12	L1	23.1318	13.47	AVG	10.36	23.83	50.00	-26.17

**Test Mode 1: USB Mode**

**Test Data**

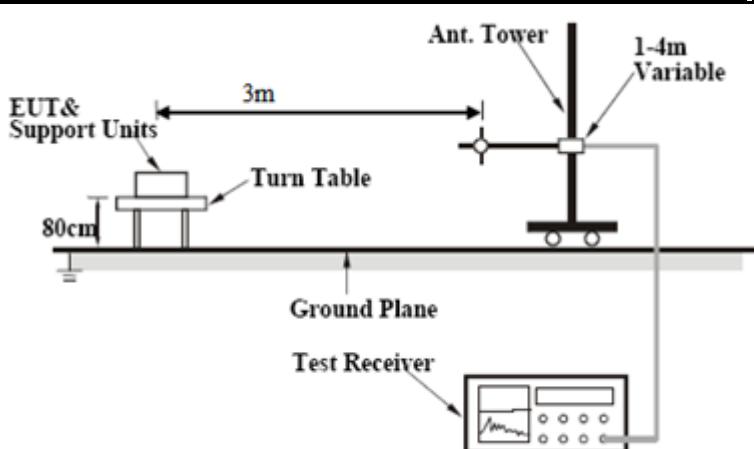
Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	N	0.4542	36.24	QP	10.02	46.26	56.80	-10.54
2	N	0.4542	28.98	AVG	10.02	39.00	46.80	-7.80
3	N	0.8208	32.30	QP	10.03	42.33	56.00	-13.67
4	N	0.8208	25.93	AVG	10.03	35.96	46.00	-10.04
5	N	1.2810	29.68	QP	10.03	39.71	56.00	-16.29
6	N	1.2810	23.28	AVG	10.03	33.31	46.00	-12.69
7	N	1.9089	29.96	QP	10.04	40.00	56.00	-16.00
8	N	1.9089	23.62	AVG	10.04	33.66	46.00	-12.34
9	N	3.0585	28.21	QP	10.05	38.26	56.00	-17.74
10	N	3.0585	21.43	AVG	10.05	31.48	46.00	-14.52
11	N	21.6654	21.49	QP	10.29	31.78	60.00	-28.22
12	N	21.6654	14.77	AVG	10.29	25.06	50.00	-24.94

## 6.2 Radiated Emissions

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

### Requirement(s):

Spec	Item	Requirement	Applicable										
47CFR§15.109(d)	a)	<p>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</p> <table border="1"> <thead> <tr> <th>Frequency range (MHz)</th> <th>Field Strength (<math>\mu</math>V/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 ( $\mu$ V/m)	30 – 88	100	88 – 216	150	216 – 960	200	Above 960	500	<input checked="" type="checkbox"/>
Frequency range (MHz)	Field Strength ( $\mu$ V/m)												
30 – 88	100												
88 – 216	150												
216 – 960	200												
Above 960	500												
Test Setup		 <p>The diagram illustrates the test setup. A 'Turn Table' is positioned on a 'Ground Plane'. An 'EUT &amp; Support Units' is mounted on the turn table, with a vertical distance of '80cm' indicated. A '3m' horizontal distance is shown between the EUT and an 'Ant. Tower'. The 'Ant. Tower' is mounted on a vertical post and is labeled '1-4m Variable' to indicate its height adjustment range. A 'Test Receiver' is connected to the system, likely for measuring the emitted signals.</p>											
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>											

	<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> <ul style="list-style-type: none"> <li>■ 1 kHz (Duty cycle &lt; 98%) <input type="checkbox"/> 10 Hz (Duty cycle &gt; 98%)</li> </ul> <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

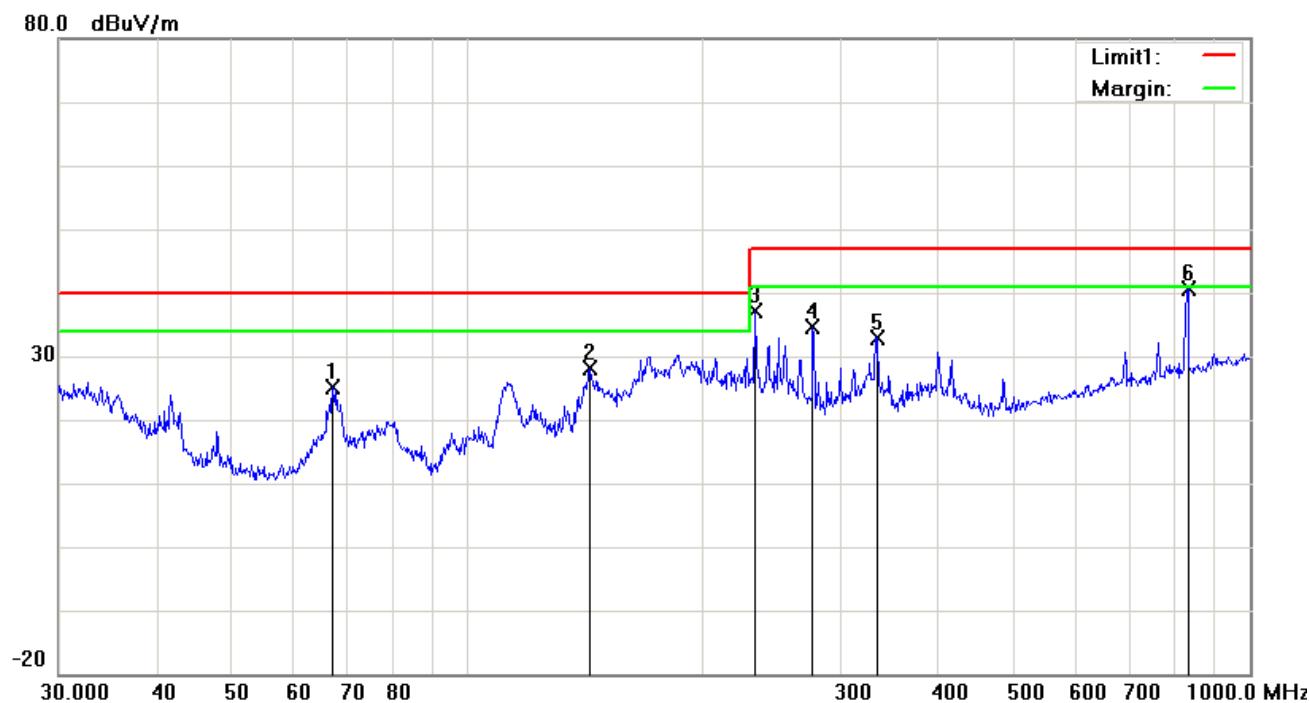
**Test Mode 1 : USB Mode**

**Test Mode 2 : MP4 Mode**

**Test Mode 3 : Camera Mode**

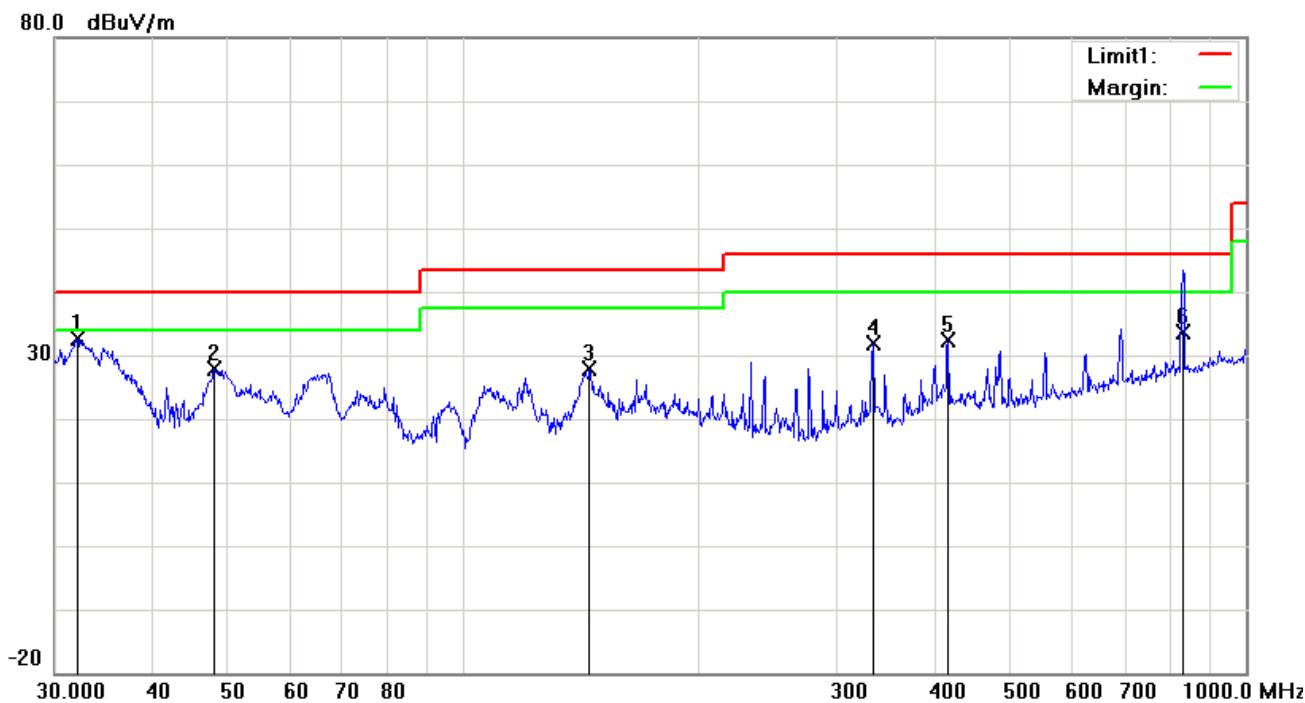
**Test Mode 4 : FM Mode**

All modes were investigated. The results below show only the worst case: USB mode

**Test Mode 1: USB Mode**
*Below 1GHz*

**Test Data**
**Horizontal Polarity Plot @3m**

No.	P/L	Frequency (MHz)	Readin g (dBuV/ m)	Detector	Corrected (dB/m)	Result (dBuV/m )	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ( ° )
1	H	67.2022	39.04	peak	-13.81	25.23	40.00	-14.77	100	77
2	H	143.3261	36.72	peak	-8.50	28.22	40.00	-11.78	100	251
3	H	233.3487	46.08	peak	-9.04	37.04	47.00	-9.96	100	159
4	H	276.1236	42.66	peak	-7.99	34.67	47.00	-12.33	100	103
5	H	333.6867	38.88	peak	-5.93	32.95	47.00	-14.05	100	157
6	H	833.3171	37.05	peak	3.61	40.66	47.00	-6.34	100	221

**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	32.0668	34.29	peak	-1.78	32.51	40.00	-7.49	100	319
2	V	47.9940	40.14	peak	-12.28	27.86	40.00	-12.14	100	86
3	V	144.8418	36.28	peak	-8.48	27.80	43.50	-15.70	100	264
4	V	333.6867	37.71	peak	-5.93	31.78	46.00	-14.22	100	171
5	V	416.1791	36.17	peak	-3.91	32.26	46.00	-13.74	100	224
6	V	830.4002	30.06	QP	3.57	33.63	46.00	-12.37	100	0

**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)
1577.43	50.23	82	167	V	-22.84	74	-23.77	PK
2058.12	49.88	100	134	V	-21.33	74	-24.12	PK
1622.89	50.1	63	125	V	-22.58	74	-23.90	PK
2167.84	49.69	35	220	H	-21.36	74	-24.31	PK
2849.66	48.92	70	180	H	-21.54	74	-25.08	PK
1837.19	50.72	25	110	H	-22.69	74	-23.28	PK

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

*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"/>

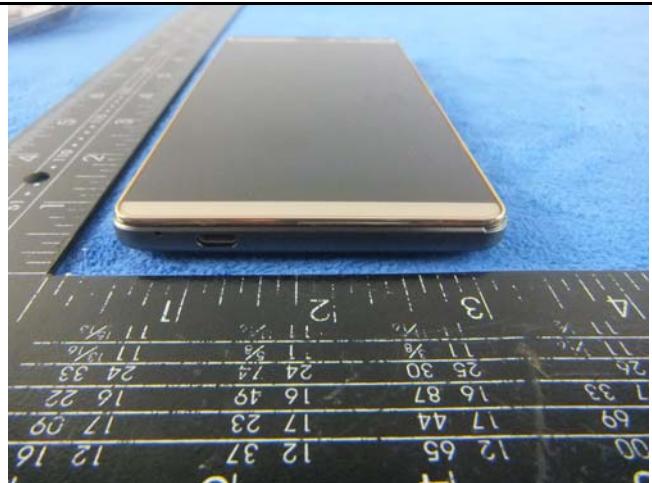
## Annex B. EUT And Test Setup Photographs

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

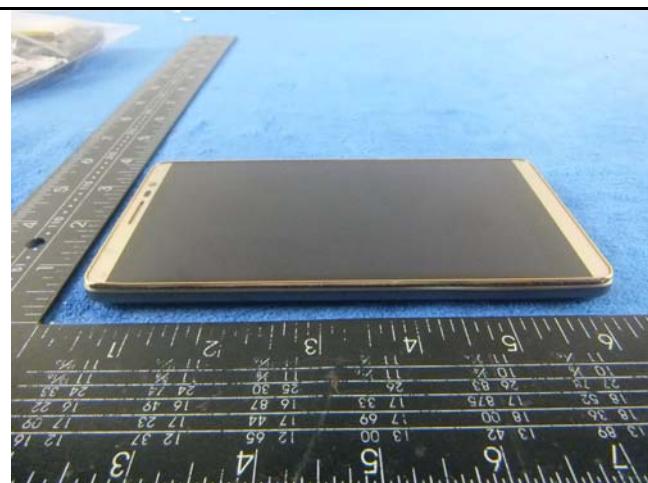




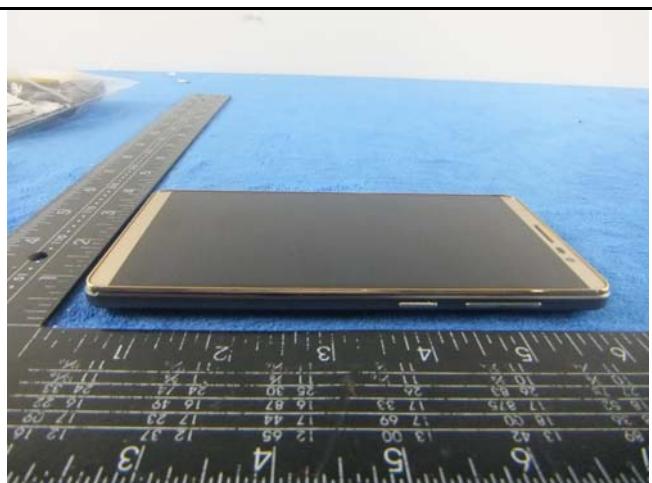
EUT - Top View



EUT - Bottom View

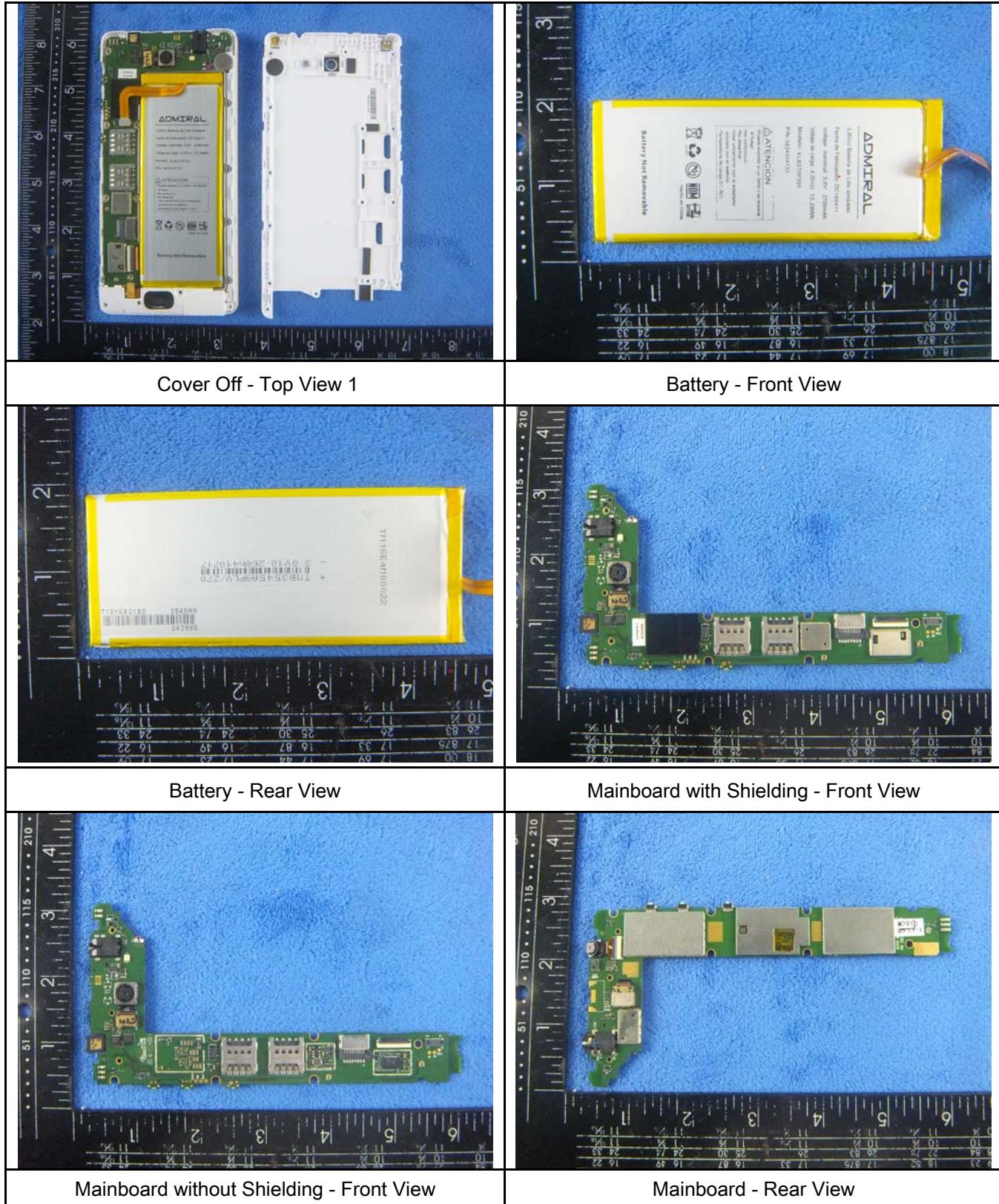


EUT - Left View



EUT - Right View

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





LCD – Front View



LCD – Rear View

GSM/PCS/UMTS-FDD Antenna View

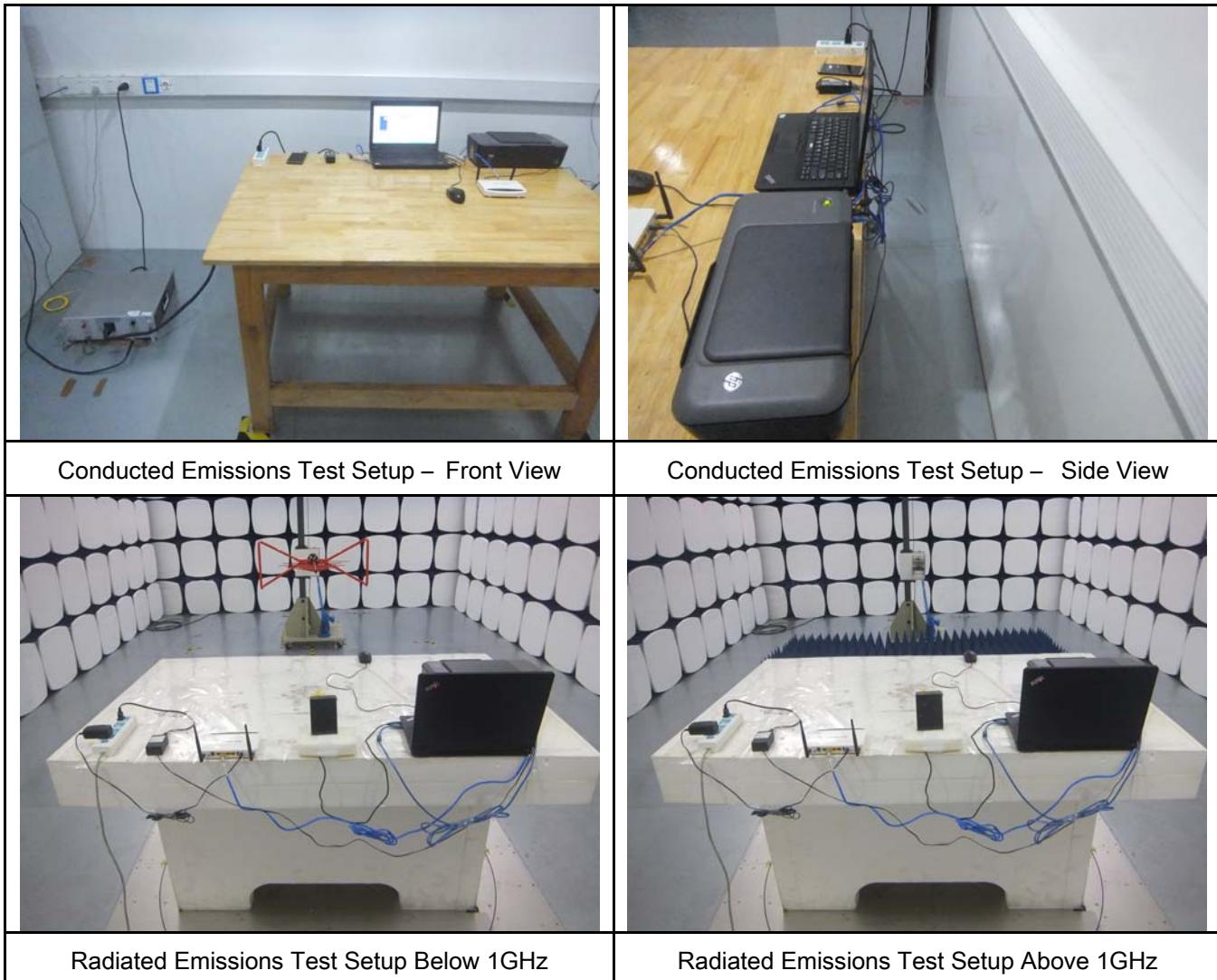


LTE - Antenna View



WIFI/BT/BLE/GPS - Antenna View

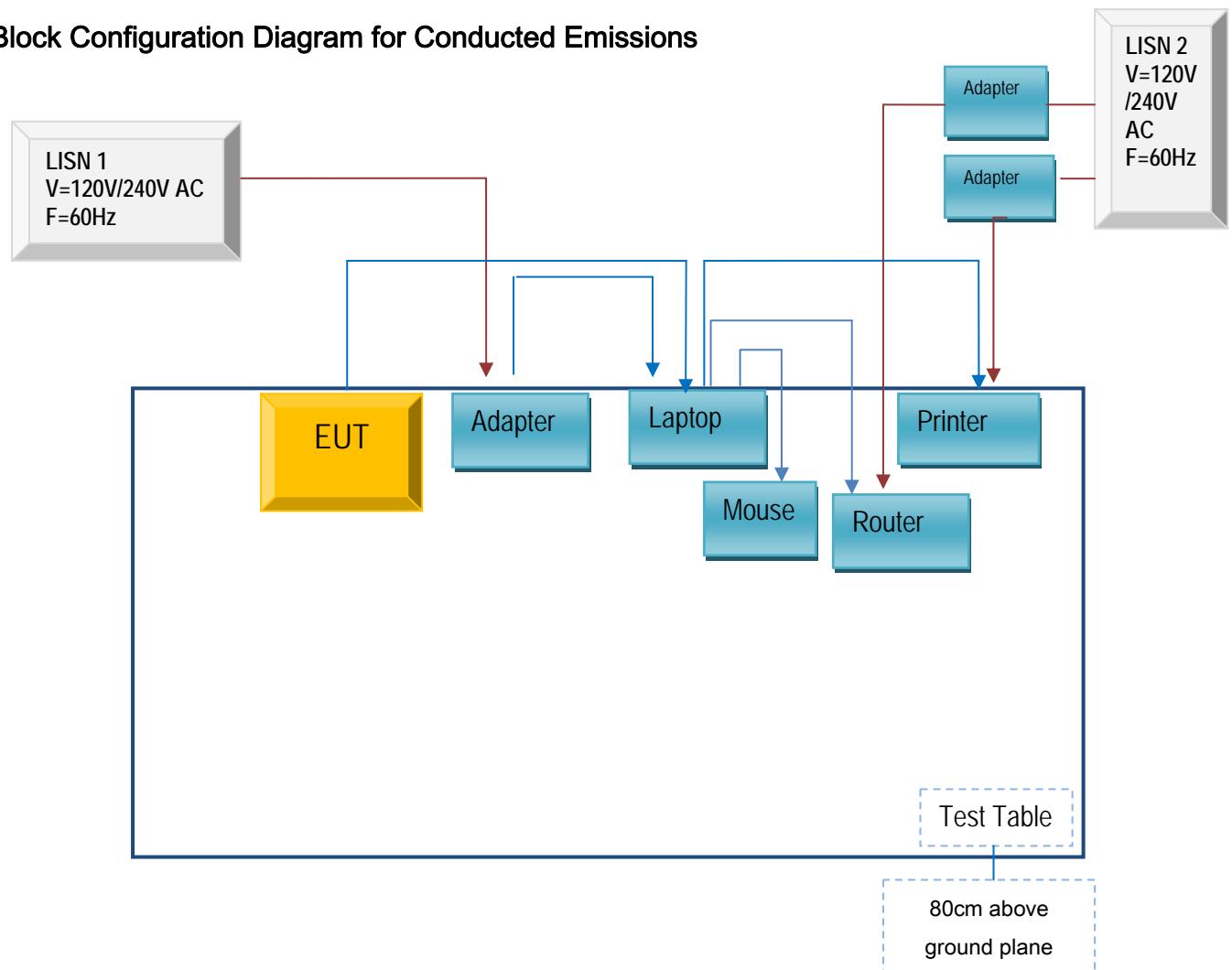
**Annex B.iii. Photograph: Test Setup Photo**



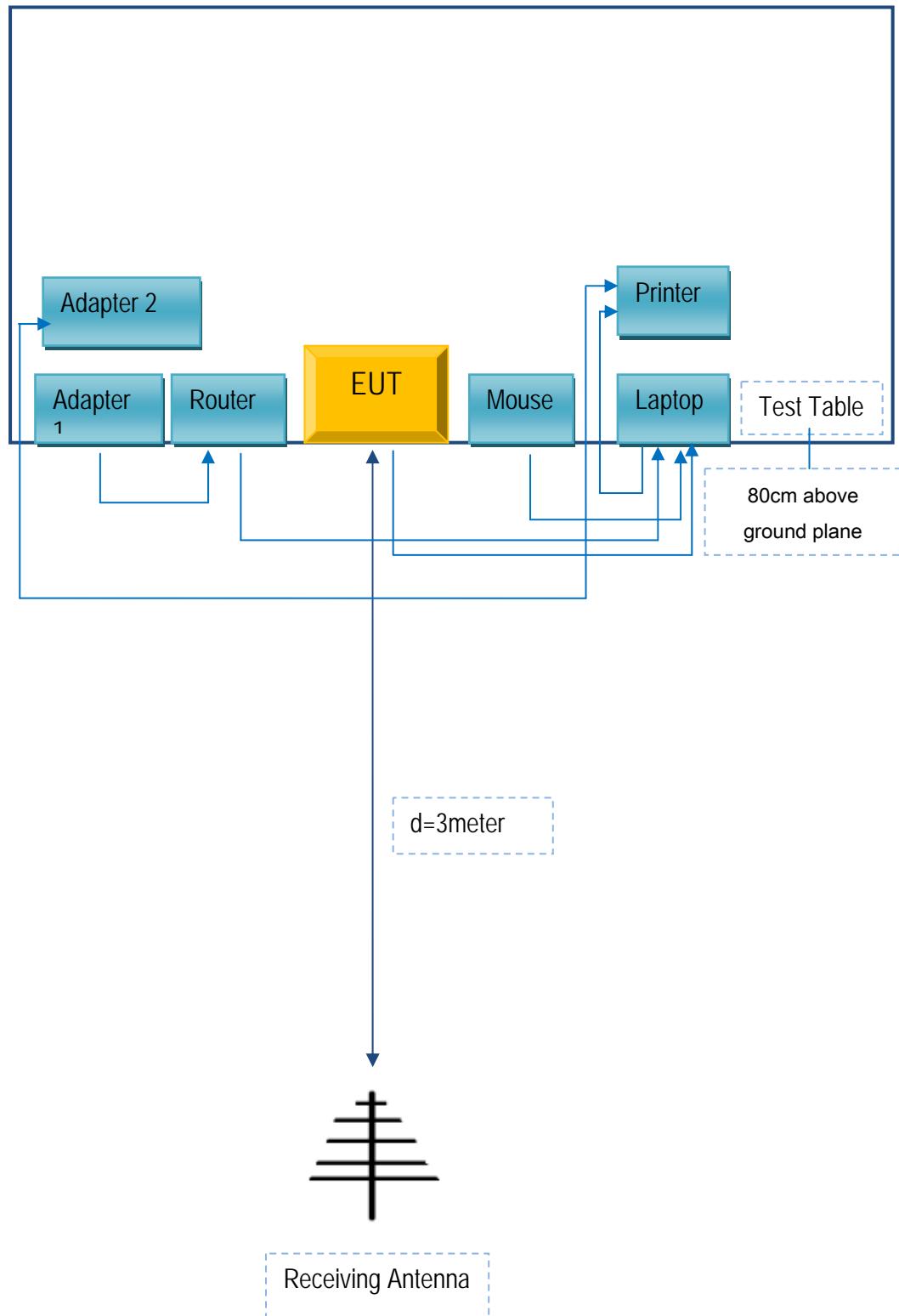
## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### 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:

Manufacturer	Equipment Description	Model	Serial No
Lenovo	Laptop	E40	LR-1EHRX
GOLDWEB	Router	R102	1202032094
Shenzhen Konka Telecommunications Technology Co., Ltd.	Adapter	HJ-050100-AR	HJ16C1C00004
Lenovo	AC Adapter	42T4416	21D9JU
HP	Printer	VCVRA-1003	CN36M19JWX
DELL	Mouse	E100	912NMTUT41481
BULL	Socket	GN-403	GN201203

### Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
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

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

See attachment

## Annex E. DECLARATION OF SIMILARITY

N/A