



# FCC Test Report

**APPLICANT** : LG Electronics Mobile Comm USA  
**EQUIPMENT** : Smart phone  
**BRAND NAME** : LG  
**MODEL NAME** : LG-X240H  
**FCC ID** : ZNFX240H  
**STANDARD** : FCC 47 CFR FCC Part 15 Subpart B  
**CLASSIFICATION** : Certification

The product was received on Oct. 18, 2016 and testing was completed on Oct. 31, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Louis Wu / Manager

Approved by: Jones Tsai / Manager



## **SPORTON INTERNATIONAL INC.**

No. 52, Hwa Ya 1<sup>st</sup> Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.



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### REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC601802	Rev. 01	Initial issue of report	Feb. 17, 2017
FC601802	Rev. 02	Adding pictures of the EUT setup for all three orthogonal orientations (X, Y, Z) tested within the EMC test setup photos, and adding description in section 2.1.	Feb. 24, 2017



## SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	Under limit 11.70 dB at 0.190 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 9.60 dB at 943.300 MHz for peak



# 1. General Description

## 1.1. Applicant

**LG Electronics Mobile Comm USA**

LG Twin Towers 20, Yeouido-Dong Youngdeungpo-Gu, Seoul 150-721, Republic Of Korea

## 1.2. Manufacturer

**Arima Communications Corp.**

6F, No. 866, Jhongjheng Rd., Jhonghe Dist., New Taipei City 23586, Taiwan

## 1.3. Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart phone
Brand Name	LG
Model Name	LG-X240H
FCC ID	ZNFX240H
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE WLAN 11b/g/n HT20/HT40 Bluetooth BR/EDR/LE
HW Version	PP2
SW Version	LGX240HAT-00-V08a-CIS-XX-NOV-17-2016+0
EUT Stage	Production Unit

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

Specification of Accessory		
AC Adapter	Brand Name	Sunlin
	Model Name	EAY64009102(MCS-02WR2)
Battery	Brand Name	LG
	Model Name	EAC63382101 (BL-45F1F)
Earphone	Brand Name	Cresyn
	Model Name	EAB64468401(EMB-LGE41STGWA)
USB Cable	Brand Name	KSD
	Model Name	EAD62377922(DC03WK-G)



### 1.4. Product Specification of Equipment Under Test

Standards-related Product Specification	
<b>Tx Frequency</b>	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band IV : 1712.4 MHz ~ 1752.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz LTE Band 5 : 824.7 MHz ~ 848.3 MHz LTE Band 2 : 1850.7 MHz ~ 1909.3 MHz LTE Band 4 : 1710.7 MHz ~ 1754.3 MHz LTE Band 13 : 779.5 MHz ~ 784.5 MHz LTE Band 17 : 706.5 MHz ~ 713.5 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz
<b>Rx Frequency</b>	GSM850: 869.2 MHz ~ 893.8 MHz GSM1900: 1930.2 MHz ~ 1989.8 MHz WCDMA Band V: 871.4 MHz ~ 891.6 MHz WCDMA Band IV : 2112.4 MHz ~ 2152.6 MHz WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz LTE Band 5 : 869.7 MHz ~ 893.3 MHz LTE Band 2 : 1930.7 MHz ~ 1989.3 MHz LTE Band 4 : 2110.7 MHz ~ 2154.3 MHz LTE Band 13 : 748.5 MHz ~ 753.5 MHz LTE Band 17 : 736.5 MHz ~ 743.5 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz GPS : 1.57542 GHz
<b>Antenna Type</b>	WWAN : PIFA Antenna LTE : PIFA Antenna WLAN : PIFA Antenna Bluetooth : PIFA Antenna GPS : PIFA Antenna
<b>Type of Modulation</b>	GSM: GMSK GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK WCDMA: QPSK (Uplink) HSDPA: QPSK (Uplink) HSUPA: QPSK (Uplink) LTE: QPSK / 16QAM 802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth LE : GFSK Bluetooth (1Mbps) : GFSK Bluetooth (2Mbps) : $\pi/4$ -DQPSK Bluetooth (3Mbps) : 8-DPSK GPS : BPSK

### 1.5. Modification of EUT

No modifications are made to the EUT during all test items.



### 1.6. Test Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1022 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

<b>Test Site</b>	SPORTON INTERNATIONAL INC.	
<b>Test Site Location</b>	No. 52, Hwa Ya 1 <sup>st</sup> Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	CO05-HY	03CH06-HY

### 1.7. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B
- ♦ ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.



## 2. Test Configuration of Equipment Under Test

### 2.1. Test Mode

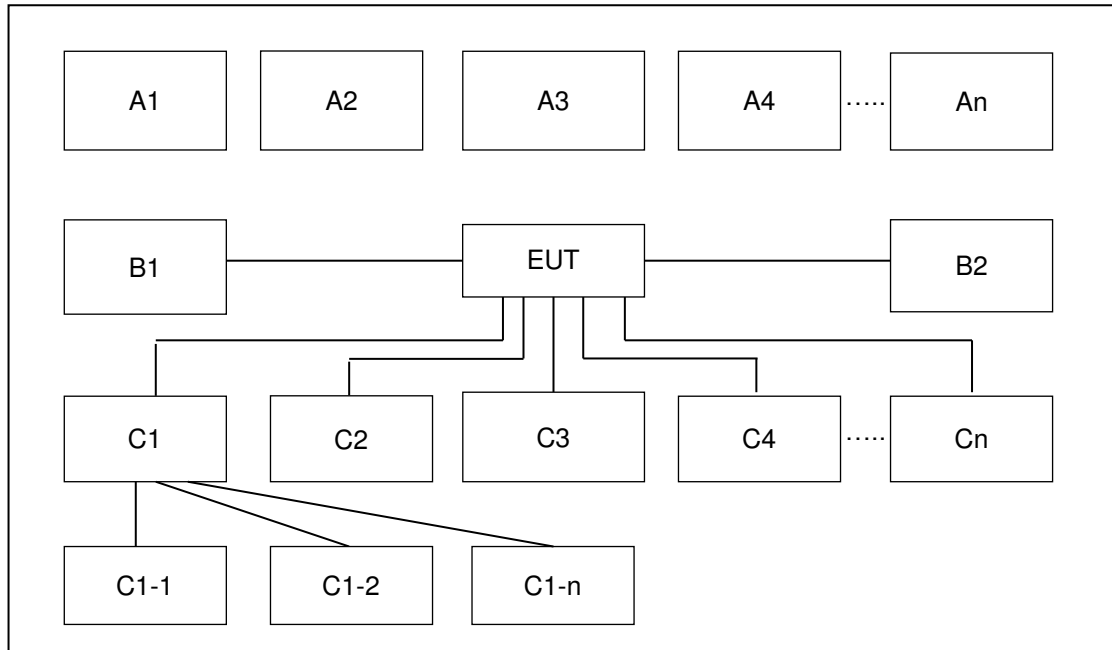
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction (150 kHz to 30 MHz), radiation (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, X, Y, Z in three orthogonal panels to determine the final configuration (Y plane as worst plane) from all possible combinations.

Test Items	Function Type
AC Conducted Emission	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE Band 4 Idle + Bluetooth Idle + WLAN Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)
Radiated Emissions < 1GHz	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE Band 4 Idle + Bluetooth Idle + WLAN Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)
Radiated Emissions ≥ 1GHz	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)
<b>Remark:</b>	
<ol style="list-style-type: none"> <li>1. The worst case of AC is mode 4 only the test data of this mode was reported.</li> <li>2. The worst case of RE &lt; 1G is mode 1; only the test data of this mode was reported.</li> <li>3. Data Link with Notebook means data application transferred mode between EUT and Notebook.</li> </ol>	



## 2.2. Connection Diagram of Test System



Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	3	4	-	-	-
A1	BT Earphone	Bluetooth	X	X	X				
A2	System Simulator	GSM/WCDMA/LTE	X	X	X				
A3	AP router	WiFi	X	X	X				
No.	Power Source	Connection Type	1	2	3	4	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	X	X				
No.	Setup Peripherals	Connection Type	1	2	3	4	-	-	-
C1	Notebook	USB Cable				X			
C1-1	iPod	USB Cable to C1				X			
C1-2	AP router	RJ-45 Cable to C1				X			
C2	Earphone	Earphone jack	X	X	X	X			
C3	SD card	SD I/O interface without Cable	X	X	X	X			



### 2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	SD Card	Transcend	MicroSD HC	FCC DoC	N/A	N/A

### 2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator’s paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute “Video player” to play MPEG4 files.
3. Turn on camera to capture images.



### 3. Test Result

#### 3.1. Test of AC Conducted Emission Measurement

##### 3.1.1 Limits of AC Conducted Emission

For equipment 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.

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

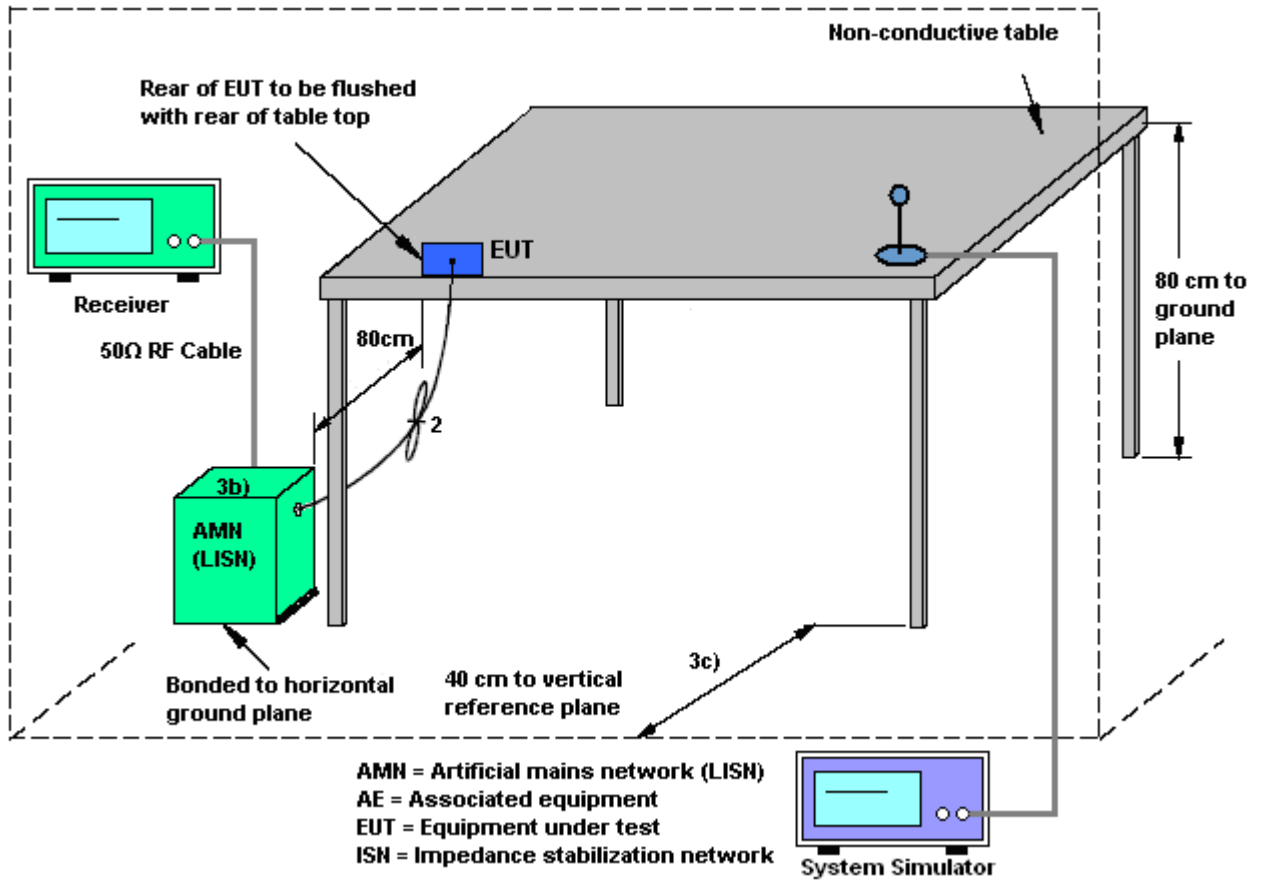
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedure

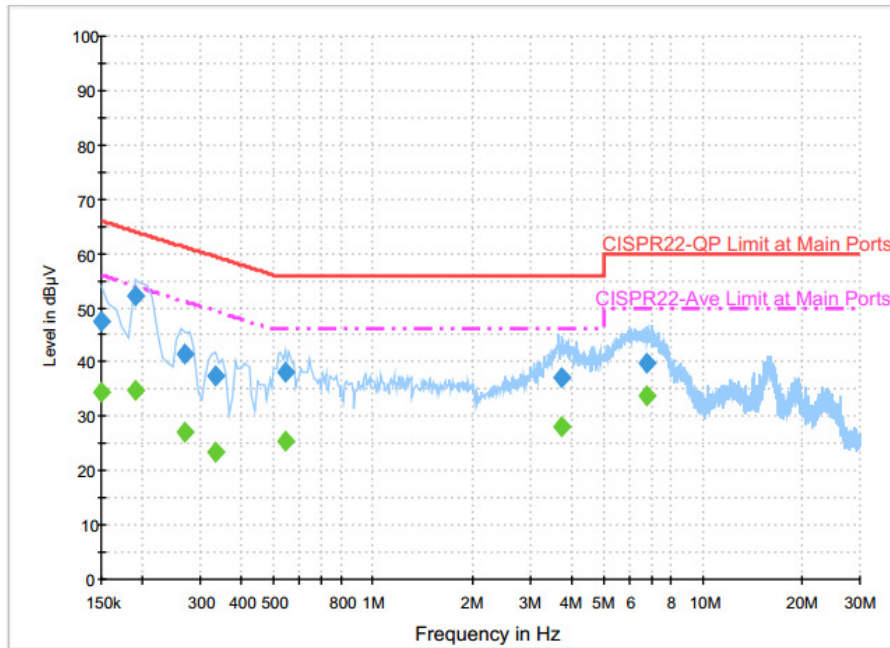
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.1.4 Test Setup



### 3.1.5 Test Result of AC Conducted Emission

Test Mode :	Mode 4	Temperature :	21~23°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)		



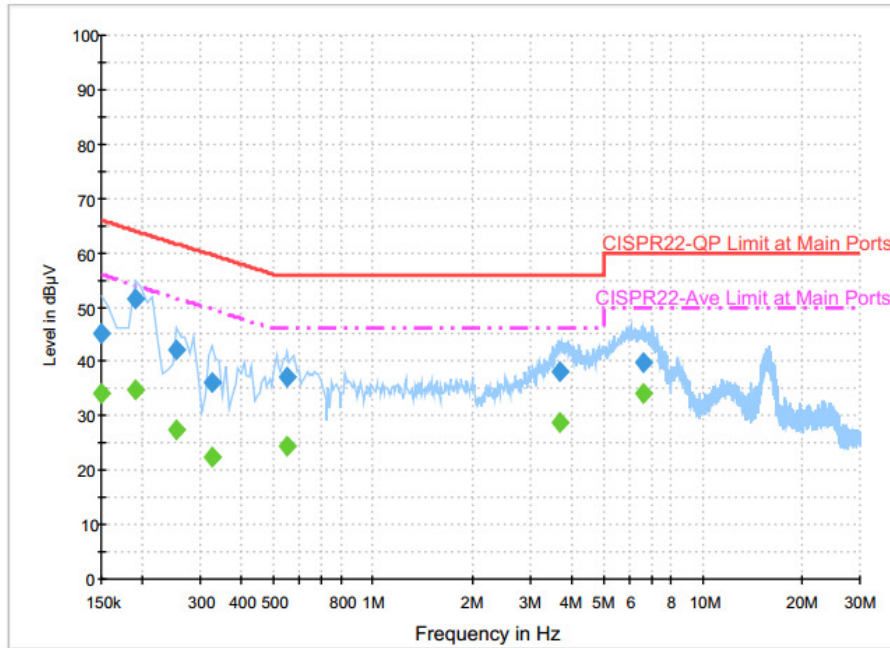
#### Final Result : Quasi-Peak

Frequency (MHz)	Quasi-Peak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	47.4	Off	L1	19.6	18.6	66.0
0.190000	52.3	Off	L1	19.6	11.7	64.0
0.270000	41.6	Off	L1	19.6	19.5	61.1
0.334000	37.3	Off	L1	19.6	22.1	59.4
0.542000	38.1	Off	L1	19.6	17.9	56.0
3.750000	37.0	Off	L1	19.7	19.0	56.0
6.798000	39.8	Off	L1	19.7	20.2	60.0

#### Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.4	Off	L1	19.6	21.6	56.0
0.190000	34.9	Off	L1	19.6	19.1	54.0
0.270000	27.2	Off	L1	19.6	23.9	51.1
0.334000	23.3	Off	L1	19.6	26.1	49.4
0.542000	25.3	Off	L1	19.6	20.7	46.0
3.750000	28.2	Off	L1	19.7	17.8	46.0
6.798000	33.8	Off	L1	19.7	16.2	50.0

Test Mode :	Mode 4	Temperature :	21~23°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)		



**Final Result : Quasi-Peak**

Frequency (MHz)	Quasi-Peak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	45.1	Off	N	19.6	20.9	66.0
0.190000	51.5	Off	N	19.6	12.5	64.0
0.254000	42.1	Off	N	19.6	19.5	61.6
0.326000	36.1	Off	N	19.6	23.5	59.6
0.550000	37.3	Off	N	19.6	18.7	56.0
3.686000	38.1	Off	N	19.6	17.9	56.0
6.646000	39.8	Off	N	19.7	20.2	60.0

**Final Result : Average**

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.0	Off	N	19.6	22.0	56.0
0.190000	34.8	Off	N	19.6	19.2	54.0
0.254000	27.5	Off	N	19.6	24.1	51.6
0.326000	22.5	Off	N	19.6	27.1	49.6
0.550000	24.4	Off	N	19.6	21.6	46.0
3.686000	28.7	Off	N	19.6	17.3	46.0
6.646000	34.0	Off	N	19.7	16.0	50.0



### 3.2. Test of Radiated Emission Measurement

#### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

#### 3.2.2. Measuring Instruments

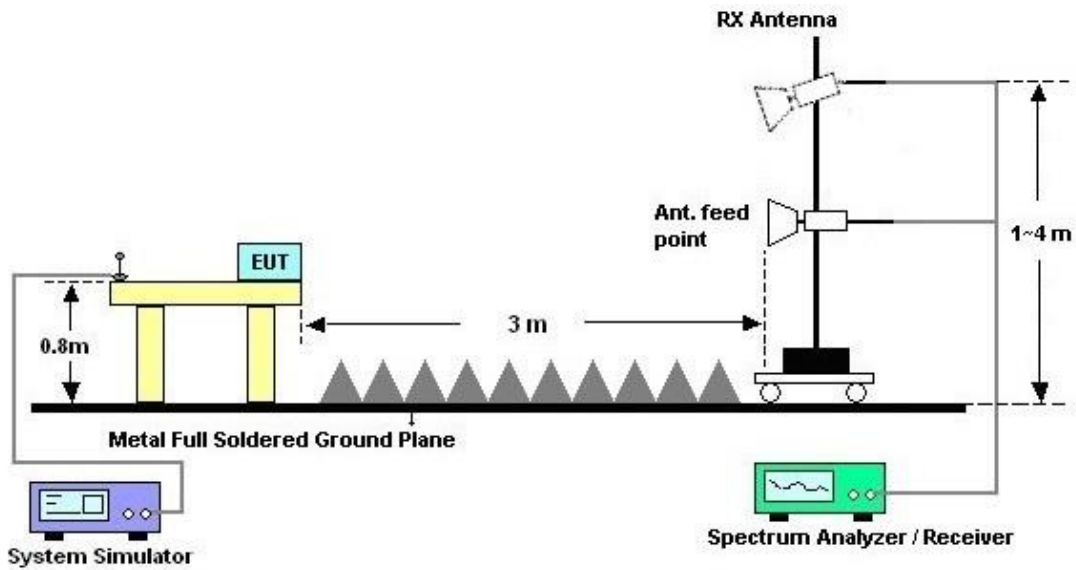
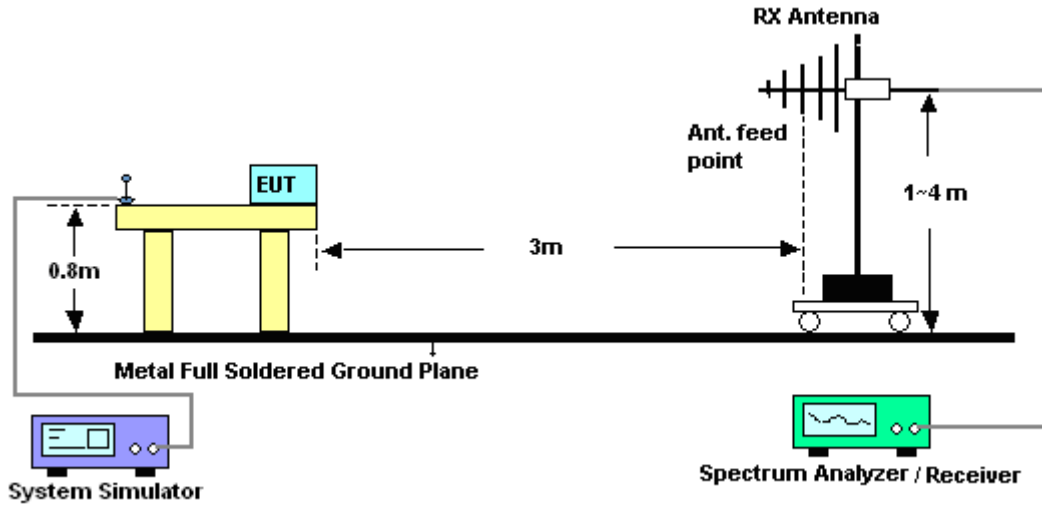
The measuring equipment is listed in the section 4 of this test report.

#### 3.2.3. Test Procedures

1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBμV/m) = 20 log Emission level (μV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

### 3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

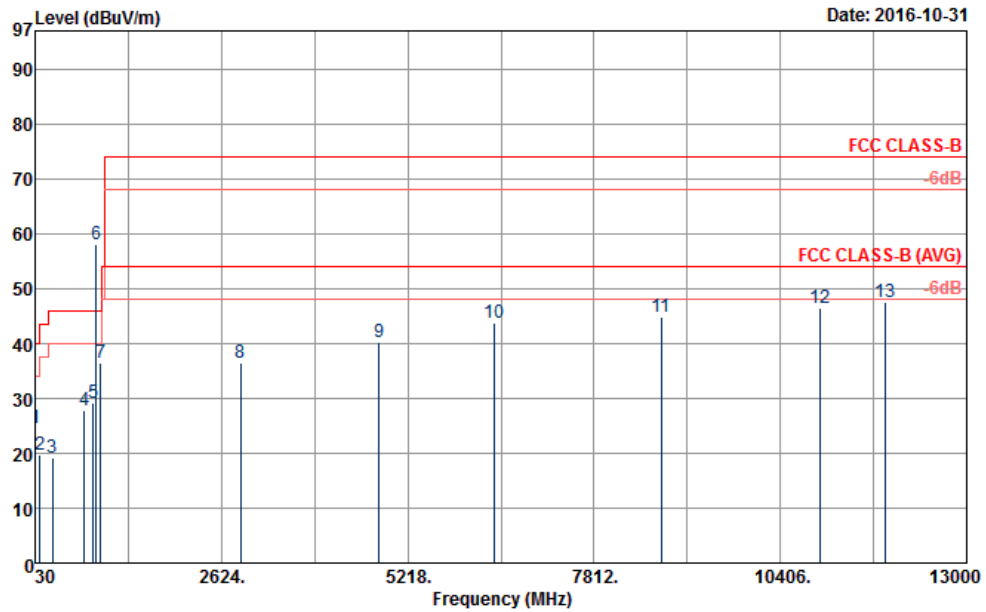






3.2.5. Test Result of Radiated Emission

Test Mode :	Mode 1	Temperature :	25~27°C
Test Engineer :	Derreck Chen	Relative Humidity :	52~54%
Test Distance :	3m	Polarization :	Horizontal
Function Type :	GSM850 Idle + Bluetooth Idle + WLAN Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)		
Remark :	#6 is system simulator signal which can be ignored.		

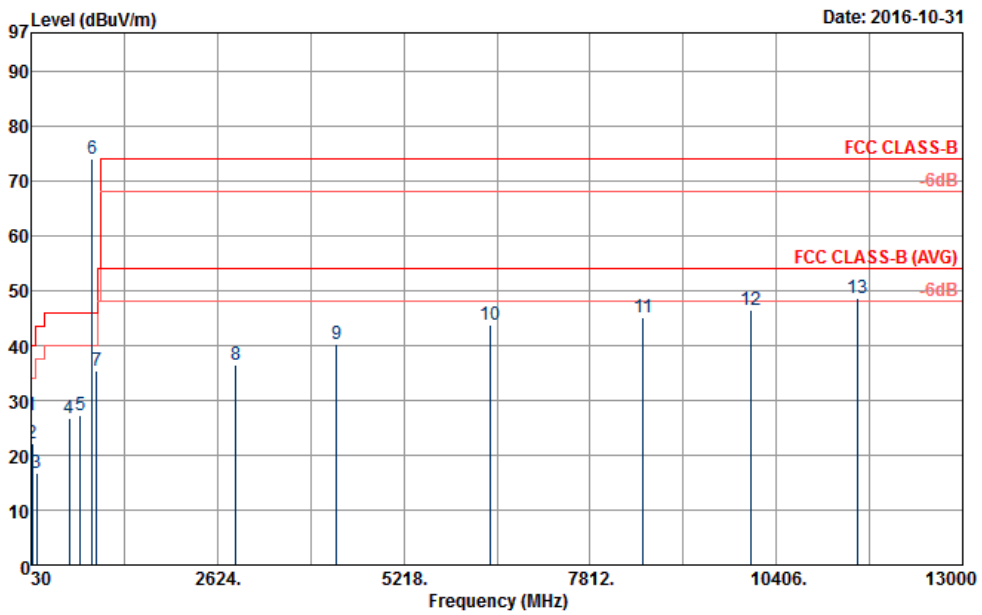


Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m 9120D\_1156\_160817 HORIZONTAL  
 Project : 601802  
 Power : 120Vac/60Hz  
 Memo : Mode 1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	cm	deg		
			dB	dBuV/m	dBuV	dB	dB				
1	30.27	24.48	-15.52	40.00	28.68	25.70	1.90	31.80	---	---	Peak
2	101.82	19.70	-23.80	43.50	33.16	16.24	2.01	31.71	---	---	Peak
3	272.73	19.15	-26.85	46.00	29.51	19.10	2.24	31.70	---	---	Peak
4	720.70	27.95	-18.05	46.00	29.43	27.15	3.43	32.06	---	---	Peak
5	835.50	29.08	-16.92	46.00	28.71	28.84	3.32	31.79	---	---	Peak
6 *	881.00	58.02			56.99	29.28	3.36	31.61	---	---	Peak
7	943.30	36.40	-9.60	46.00	33.88	30.55	3.10	31.13	100	232	Peak
8	2888.00	36.41	-37.59	74.00	60.90	28.63	7.59	60.71	---	---	Peak
9	4820.00	40.30	-33.70	74.00	58.05	31.49	11.01	60.25	---	---	Peak
10	6422.00	43.64	-30.36	74.00	55.90	35.43	12.08	59.77	---	---	Peak
11	8748.00	44.97	-29.03	74.00	51.74	38.30	14.48	59.55	---	---	Peak
12	10958.00	46.42	-27.58	74.00	49.21	41.00	15.00	58.79	---	---	Peak
13	11860.00	47.46	-26.54	74.00	48.43	40.76	16.56	58.29	100	0	Peak



Test Mode :	Mode 1	Temperature :	25~27°C
Test Engineer :	Derreck Chen	Relative Humidity :	52~54%
Test Distance :	3m	Polarization :	Vertical
Function Type :	GSM850 Idle + Bluetooth Idle + WLAN Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)		
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m 9120D\_1156\_160817 VERTICAL  
 Project : 601802  
 Power : 120Vac/60Hz  
 Memo : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	27.19	-12.81	40.00	31.39	25.70	1.90	31.80	---	---	Peak
2	42.96	22.08	-17.92	40.00	33.80	18.32	1.74	31.78	---	---	Peak
3	102.63	16.84	-26.66	43.50	30.18	16.36	2.01	31.71	---	---	Peak
4	557.60	26.75	-19.25	46.00	30.44	25.09	3.17	31.95	---	---	Peak
5	712.30	27.31	-18.69	46.00	28.99	26.96	3.44	32.08	---	---	Peak
6 *	881.00	74.10			73.07	29.28	3.36	31.61	---	---	Peak
7	944.70	35.41	-10.59	46.00	32.87	30.57	3.08	31.11	100	258	Peak
8	2876.00	36.60	-37.40	74.00	61.13	28.57	7.59	60.69	---	---	Peak
9	4280.00	40.39	-33.61	74.00	60.49	30.86	10.43	61.39	---	---	Peak
10	6426.00	43.67	-30.33	74.00	55.93	35.43	12.08	59.77	---	---	Peak
11	8554.00	45.05	-28.95	74.00	51.92	38.46	13.94	59.27	---	---	Peak
12	10060.00	46.52	-27.48	74.00	52.33	41.26	13.45	60.52	---	---	Peak
13	11532.00	48.74	-25.26	74.00	48.42	42.33	16.02	58.03	100	0	Peak



## 4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Oct. 22, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Oct. 22, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Oct. 22, 2016	Dec. 01, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 14, 2015	Oct. 22, 2016	Dec. 13, 2016	Conduction (CO05-HY)
Bilog Antenna	Schaffner	CBL6111C&N-6-06	2725&AT-N0601	30MHz~1GHz	Oct. 15, 2016	Oct. 31, 2016	Oct. 14, 2017	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 07, 2016	Oct. 31, 2016	Jan. 06, 2017	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 05, 2016	Oct. 31, 2016	Aug. 04, 2017	Radiation (03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 19, 2016	Oct. 31, 2016	Apr. 18, 2017	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1850117	1GHz ~ 18GHz	Jun. 22, 2016	Oct. 31, 2016	Jun. 21, 2017	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Oct. 31, 2016	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF78020821 2	1m~4m	N/A	Oct. 31, 2016	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Oct. 31, 2016	N/A	Radiation (03CH06-HY)



## 5. Uncertainty of Evaluation

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.70
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.90
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