



# FCC TEST REPORT

**FCC ID** : IHDT56XJ1  
**Equipment** : Mobile Cellular Phone  
**Brand Name** : Motorola  
**Applicant** : Motorola Mobility LLC  
222 W, Merchandise Mart Plaza, Chicago IL 60654 USA  
**Manufacturer** : Motorola Mobility LLC  
222 W, Merchandise Mart Plaza, Chicago IL 60654 USA  
**Standard** : FCC 47 CFR FCC Part 15 Subpart B

The product was received on May 29, 2018 and testing was started from Jun. 05, 2018 and completed on Jun. 14, 2018. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Jones Tsai

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



## Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
<b>1. General Description .....</b>	<b>5</b>
1.1. Product Feature of Equipment Under Test .....	5
1.2. Product Specification of Equipment Under Test .....	6
1.3. Modification of EUT .....	7
1.4. Test Location .....	7
1.5. Applicable Standards .....	8
<b>2. Test Configuration of Equipment Under Test .....</b>	<b>9</b>
2.1. Test Mode .....	9
2.2. Connection Diagram of Test System .....	10
2.3. Support Unit used in test configuration and system.....	11
2.4. EUT Operation Test Setup .....	11
<b>3. Test Result .....</b>	<b>12</b>
3.1. Test of AC Conducted Emission Measurement .....	12
3.2. Test of Radiated Emission Measurement .....	16
<b>4. List of Measuring Equipment.....</b>	<b>20</b>
<b>5. Uncertainty of Evaluation .....</b>	<b>21</b>
<b>Appendix A. AC Conducted Emission Test Result</b>	
<b>Appendix B. Radiated Emission Test Result</b>	





### Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	Under limit 4.13 dB at 0.224 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 8.52 dB at 54.300 MHz

Reviewed by: Louis Wu

Report Producer: Maggie Chiang



# 1. General Description

## 1.1. Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
FCC ID	IHDT56XJ1
IMEI Code	<b>Conduction</b> : 355550090017364 <b>Radiation</b> : 355550090016440
EUT supports Radios application	GSM/EGPRS/CDMA/WCDMA/HSPA/LTE/GNSS/NFC WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
HW Version	DVT2
EUT Stage	Identical Prototype

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

Accessory List	
WPC Cover	Brand Name : Motorola
	Model Name : MD100W



### 1.2. 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 ~ 1909.8 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz CDMA 2000 BC0: 824.70 MHz ~ 848.31 MHz CDMA 2000 BC1: 1851.25 MHz ~ 1908.75 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 66: 1710.7 MHz ~ 1779.3 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n/ac: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5580 MHz and 5660 MHz ~ 5700 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz NFC: 13.56 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 II: 1932.4 MHz ~ 1987.6 MHz CDMA 2000 BC0: 869.70 MHz ~ 893.31 MHz CDMA 2000 BC1: 1931.25 MHz ~ 1988.75 MHz LTE Band 2: 1930.7 MHz ~ 1989.3 MHz LTE Band 4: 2110.7 MHz ~ 2154.3 MHz LTE Band 5: 869.7 MHz ~ 893.3 MHz LTE Band 7: 2622.5 MHz ~ 2687.5 MHz LTE Band 13: 748.5 MHz ~ 753.5 MHz LTE Band 66: 2110.7 MHz ~ 2199.3 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n/ac: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5580 MHz and 5660 MHz ~ 5700 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz GPS: 1.57542 GHz Glonass: 1602 MHz + n × 0.5625MHz (n=-7,-6,-5,...,0,...,6) NFC: 13.56 MHz

Standards-related Product Specification	
<b>Antenna Type</b>	WWAN: Fixed Internal Antenna LTE: Fixed Internal Antenna WLAN: Fixed Internal Antenna Bluetooth: Fixed Internal Antenna GPS/Glonass: Fixed Internal Antenna NFC: Fixed Internal Antenna
<b>Type of Modulation</b>	GSM: GMSK GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK WCDMA: QPSK (Uplink) HSDPA: 64QAM (Downlink) HSUPA: QPSK (Uplink) CDMA 2000: QPSK LTE: QPSK / 16QAM / 64QAM 802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11a/g/n/ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) Bluetooth LE: GFSK Bluetooth (1Mbps): GFSK Bluetooth (2Mbps): $\pi/4$ -DQPSK Bluetooth (3Mbps): 8-DPSK GPS/Glonass: BPSK NFC: ASK

### 1.3. Modification of EUT

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

### 1.4. Test Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1093 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, Huaya 1st Rd., Guishan Dist., Taoyuan 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



## 1.5. 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:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. For FCC 15 Subpart B - Unintentional Radiators, receivers contained within a transceiver shall be authorized under the verification procedure per the Section 15.101 (b).
3. For other Unintentional Radiators features of this EUT, test reports are be issued separately.  
Per the Note of the Section 15.101, when device supports features (USB, FM Radio, digital devices...etc) more than one category of authorization, type of authorization shall be appropriately chosen for FCC 15B compliance rule, and the Section 15.101 (b), only those receivers that operate (tune) within the frequency range of 30-960 MHz, CB receivers and radar detectors are subject to the authorizations shown in paragraph (a) of the Section 15.101. However, receivers indicated as being subject to Declaration of Conformity that are contained within a transceiver, the transmitter portion of which is subject to certification, shall be authorized under the verification procedure.
4. Receivers operating above 960 MHz or below 30 MHz, except for radar detectors and CB receivers, are exempt from complying with the technical provisions of this part but are subject to § 15.5.





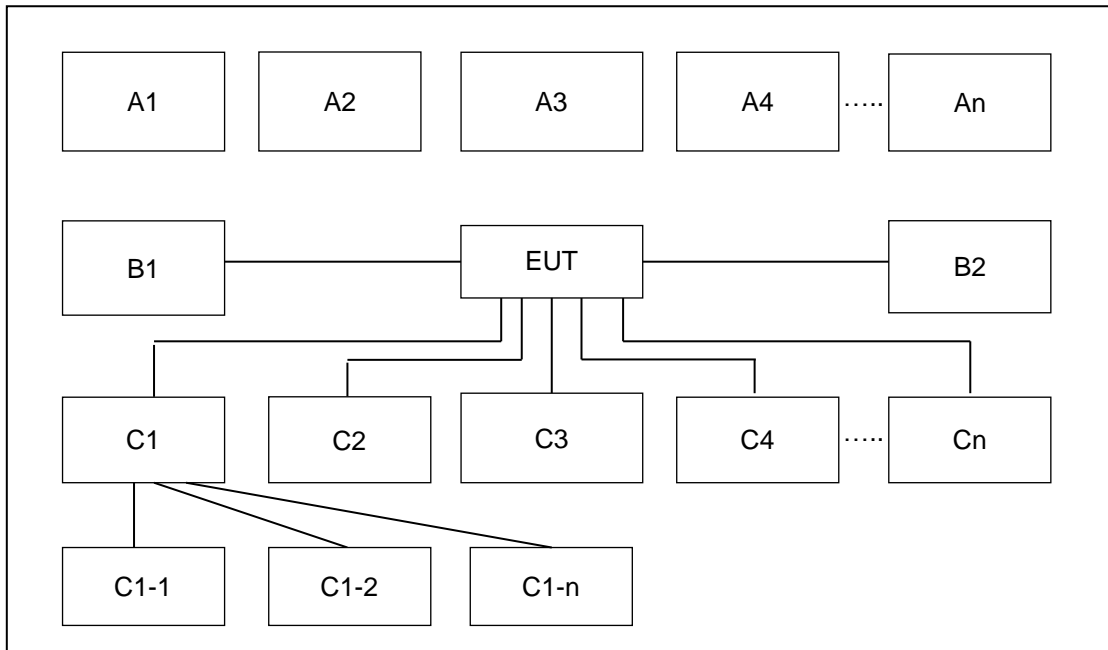
## 2. Test Configuration of Equipment Under Test

### 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 emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Function Type
<b>AC Conducted Emission</b>	Mode 1 : GSM1900 Idle + Bluetooth Idle + WLAN Idle + Camera + WPC Back Cover + Battery + LG Charging Pad + USB Cable (Charging from Adapter)
	Mode 2 : WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + NFC On + WPC Back Cover + Battery + PMA Charging Pad + Adapter
<b>Radiated Emissions</b>	Mode 1 : GSM1900 Idle + Bluetooth Idle + WLAN Idle + Camera + WPC Back Cover + Battery + LG Charging Pad + USB Cable (Charging from Adapter)
	Mode 2 : WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + NFC On + WPC Back Cover + Battery + PMA Charging Pad + Adapter
<b>Remark:</b>	
1. The worst case of AC is mode 2; only the test data of this mode was reported.	
2. The worst case of RE is mode 2; only the test data of this mode was reported.	

## 2.2. Connection Diagram of Test System



Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	-	-	-	-	-
A1	BT Earphone	Bluetooth	X	X					
A2	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE	X	X					
A3	AP router	WiFi	X	X					
A4	PMA pad	WPC		X					
A5	WPC pad	WPC	X						
No.	Power Source	Connection Type	1	2	-	-	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	X					
No.	Setup Peripherals	Connection Type	1	2	-	-	-	-	-
C4	SD card	SD I/O interface without Cable	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, 1.8m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	LG Charging Pad	LG	WCD-110	FCC DoC	N/A	N/A
7.	PMA Charging Pad	DURACELL	M-018B518A	FCC DoC	N/A	Shielded, 1.8m
8.	USB Cable	N/A	N/A	N/A	N/A	N/A
9.	Adapter	N/A	N/A	N/A	N/A	N/A

### 2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA 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. Turn on camera to capture images.
2. Turn on the NFC function



### 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.

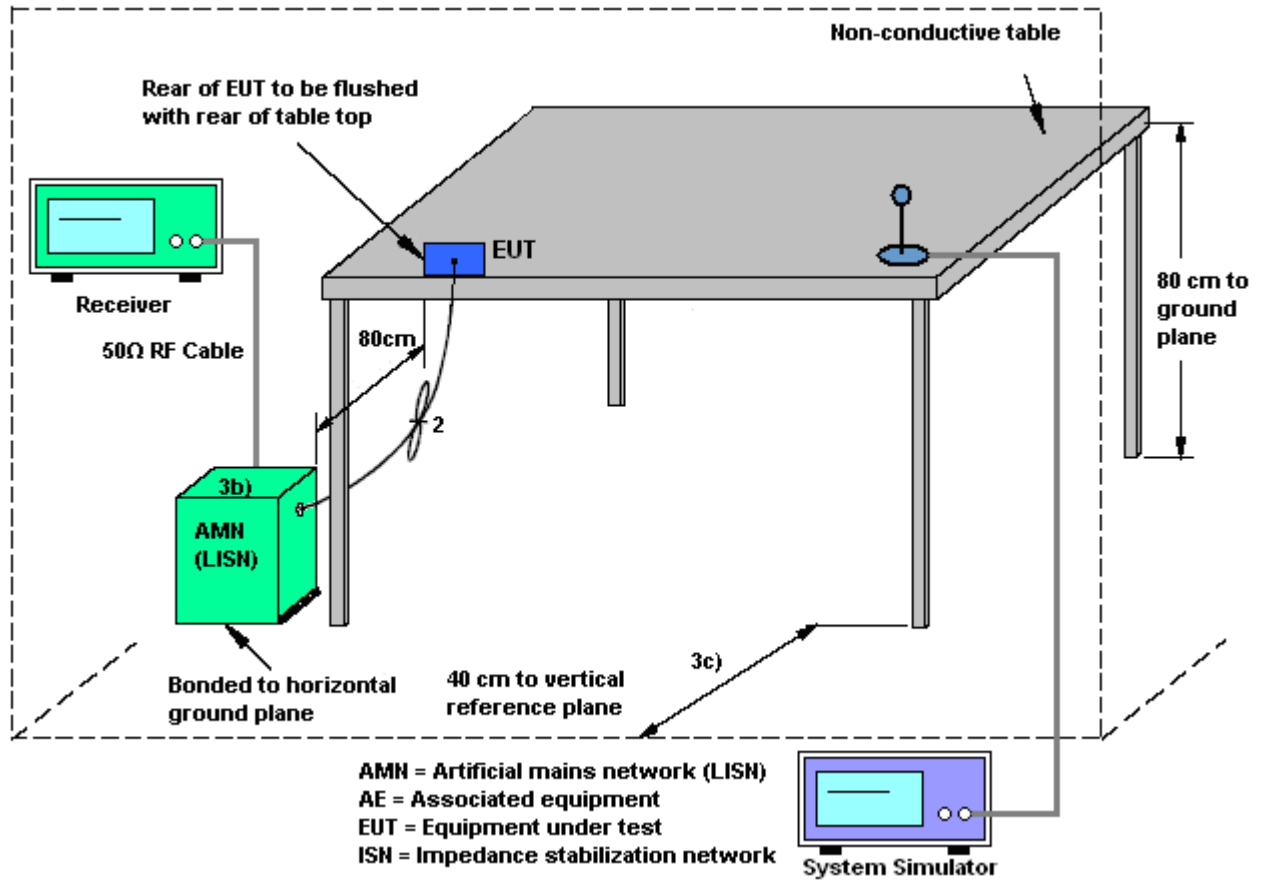
##### 3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in 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.

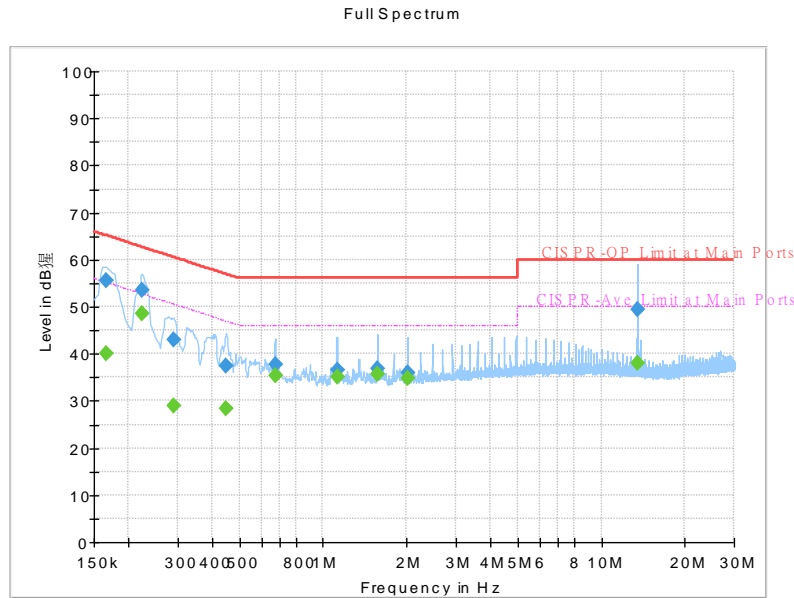
### 3.1.4 Test Setup





3.1.5 Test Result of AC Conducted Emission

Test Engineer :	Kai-Chun Chu	Temperature :	25~27°C
		Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Line

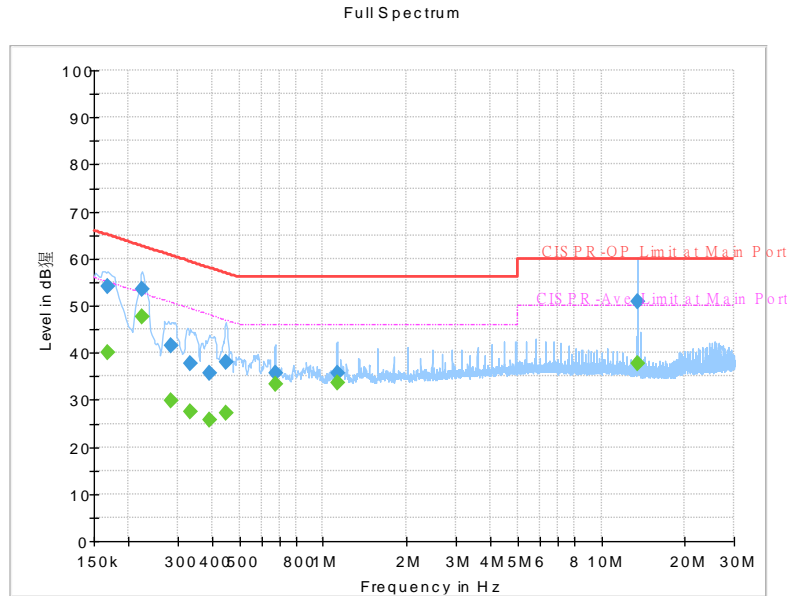


Final Result :

Frequency (MHz)	Quasi-Peak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	40.11	55.17	15.06	L1	OFF	19.5
0.165750	55.66	---	65.17	9.51	L1	OFF	19.5
0.224250	---	48.53	52.66	4.13	L1	OFF	19.5
0.224250	53.59	---	62.66	9.07	L1	OFF	19.5
0.289500	---	28.91	50.54	21.63	L1	OFF	19.5
0.289500	43.06	---	60.54	17.48	L1	OFF	19.5
0.449250	---	28.40	46.89	18.49	L1	OFF	19.5
0.449250	37.29	---	56.89	19.60	L1	OFF	19.5
0.672000	---	35.39	46.00	10.61	L1	OFF	19.6
0.672000	37.75	---	56.00	18.25	L1	OFF	19.6
1.122000	---	35.07	46.00	10.93	L1	OFF	19.6
1.122000	36.47	---	56.00	19.53	L1	OFF	19.6
1.569750	---	35.57	46.00	10.43	L1	OFF	19.6
1.569750	36.94	---	56.00	19.06	L1	OFF	19.6
2.015250	---	34.67	46.00	11.33	L1	OFF	19.6
2.015250	35.91	---	56.00	20.09	L1	OFF	19.6
13.560000	---	38.01	50.00	11.99	L1	OFF	20.0
13.560000	49.35	---	60.00	10.65	L1	OFF	20.0



Test Engineer :	Kai-Chun Chu	Temperature :	25~27°C
		Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



**Final Result :**

Frequency (MHz)	Quasi-Peak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	40.03	55.06	15.03	N	OFF	19.5
0.168000	54.04	---	65.06	11.02	N	OFF	19.5
0.224250	---	47.62	52.66	5.04	N	OFF	19.5
0.224250	53.40	---	62.66	9.26	N	OFF	19.5
0.282750	---	29.74	50.74	21.00	N	OFF	19.5
0.282750	41.39	---	60.74	19.35	N	OFF	19.5
0.334500	---	27.54	49.34	21.80	N	OFF	19.5
0.334500	37.68	---	59.34	21.66	N	OFF	19.5
0.388500	---	25.82	48.10	22.28	N	OFF	19.5
0.388500	35.58	---	58.10	22.52	N	OFF	19.5
0.447000	---	27.13	46.93	19.80	N	OFF	19.5
0.447000	37.92	---	56.93	19.01	N	OFF	19.5
0.672000	---	33.20	46.00	12.80	N	OFF	19.6
0.672000	35.67	---	56.00	20.33	N	OFF	19.6
1.122000	---	33.53	46.00	12.47	N	OFF	19.6
1.122000	35.65	---	56.00	20.35	N	OFF	19.6
13.560000	---	37.86	50.00	12.14	N	OFF	20.1
13.560000	50.90	---	60.00	9.10	N	OFF	20.1



### 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

Refer a test equipment and calibration data table in this test report.

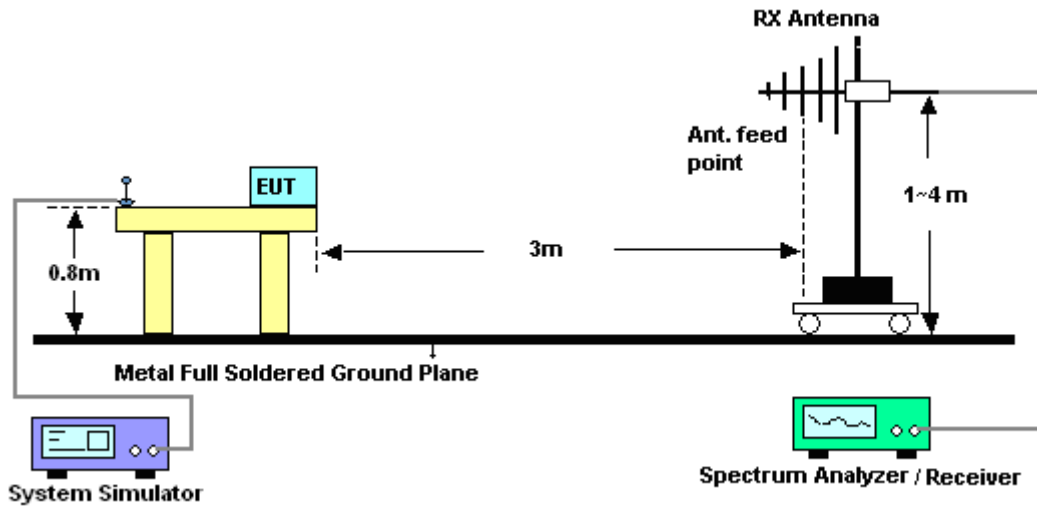
#### 3.2.3. Test Procedures

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

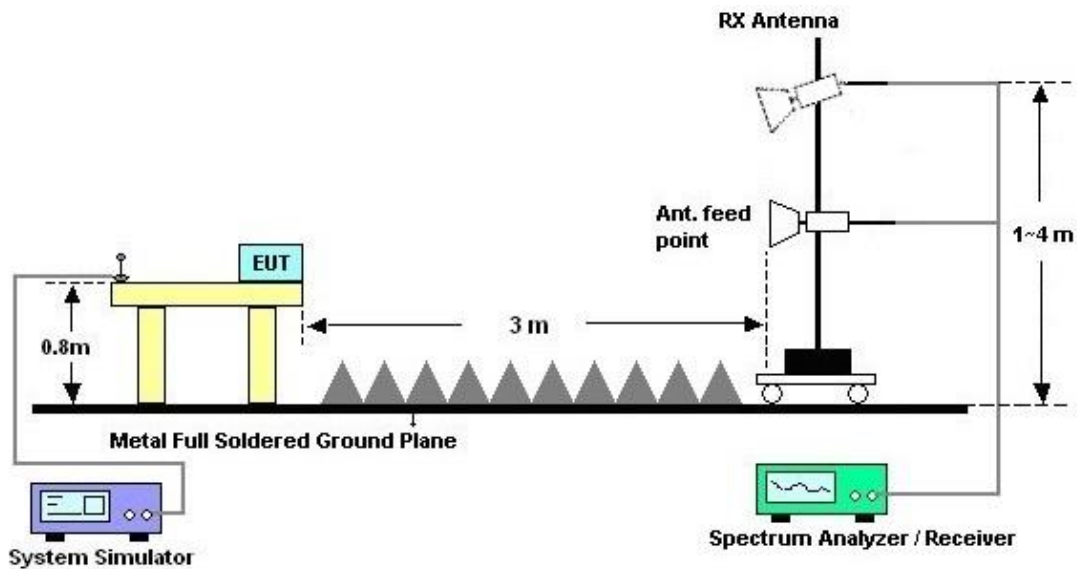


### 3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



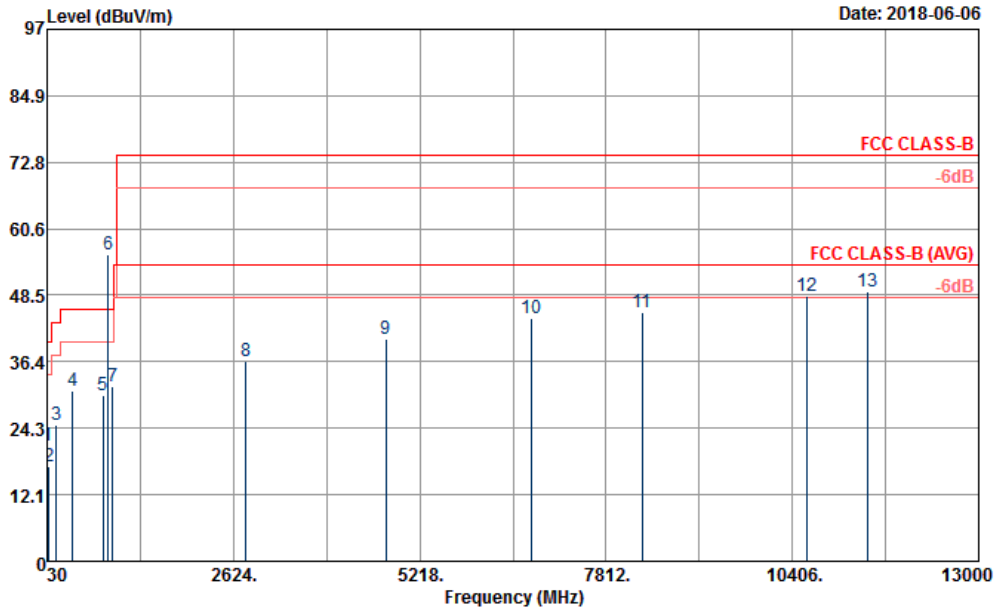
For radiated emissions above 1GHz





3.2.5. Test Result of Radiated Emission

Test Engineer :	Daniel Lee	Temperature :	20~23°C
		Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

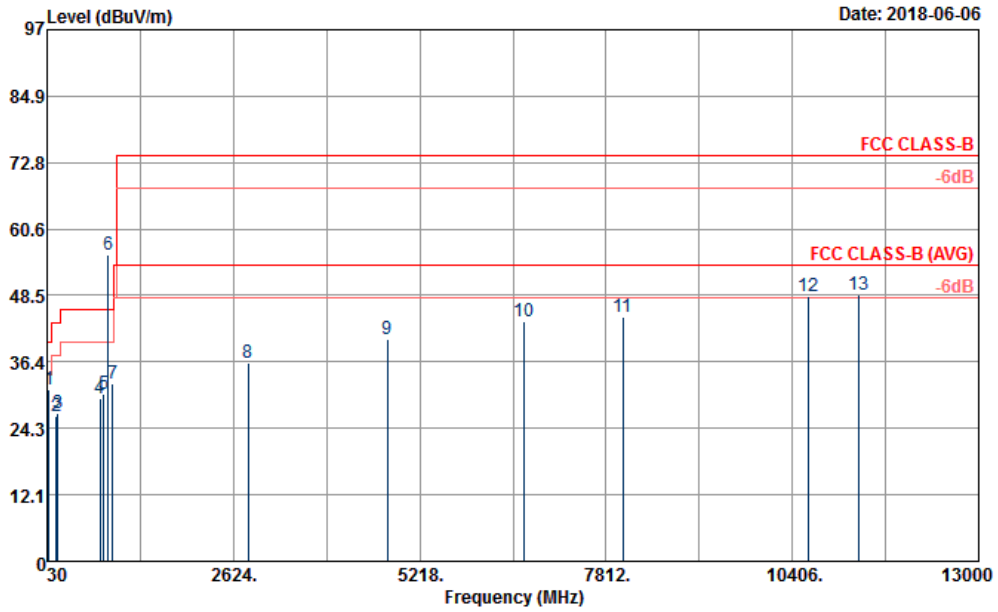


Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m 9120D\_1156\_170915 HORIZONTAL  
 Project : 852917  
 Power : 120Vac/60Hz  
 Mode : Mode 2

	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	21.09	-18.91	40.00	27.98	24.17	0.71	31.77	---	---	Peak
2	56.46	17.25	-22.75	40.00	35.84	12.10	1.07	31.76	---	---	Peak
3	161.49	24.95	-18.55	43.50	38.88	16.12	1.67	31.72	---	---	Peak
4	384.70	30.96	-15.04	46.00	38.90	21.09	2.69	31.72	---	---	Peak
5	807.50	30.23	-15.77	46.00	30.18	27.98	3.92	31.85	---	---	Peak
6 *	881.70	55.84			54.14	29.10	4.12	31.52	---	---	Peak
7	937.70	31.95	-14.05	46.00	28.94	29.98	4.14	31.11	100	0	Peak
8	2800.00	36.56	-37.44	74.00	62.00	28.16	7.68	61.28	---	---	Peak
9	4746.00	40.64	-33.36	74.00	58.55	30.96	10.53	59.40	---	---	Peak
10	6764.00	44.36	-29.64	74.00	55.30	34.86	12.85	58.65	---	---	Peak
11	8312.00	45.43	-28.57	74.00	52.10	36.59	14.23	57.49	---	---	Peak
12	10606.00	48.26	-25.74	74.00	49.76	39.65	16.23	57.38	---	---	Peak
13	11458.00	49.09	-24.91	74.00	48.30	39.41	17.51	56.13	100	0	Peak



Test Engineer :	Daniel Lee	Temperature :	20~23°C
		Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m 9120D\_1156\_170915 VERTICAL  
 Project : 852917  
 Power : 120Vac/60Hz  
 Mode : Mode 2

	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	54.30	31.48	-8.52	40.00	49.56	12.61	1.07	31.76	100	0 Peak	
2	159.60	26.55	-16.95	43.50	40.33	16.28	1.66	31.72	---	---	Peak
3	180.39	26.93	-16.57	43.50	42.15	14.75	1.74	31.71	---	---	Peak
4	762.70	29.62	-16.38	46.00	29.87	27.92	3.75	31.92	---	---	Peak
5	820.80	30.45	-15.55	46.00	30.49	27.80	3.95	31.79	---	---	Peak
6 *	881.70	55.89			54.19	29.10	4.12	31.52	---	---	Peak
7	939.10	32.30	-13.70	46.00	29.25	30.01	4.14	31.10	---	---	Peak
8	2832.00	36.16	-37.84	74.00	61.47	28.25	7.74	61.30	---	---	Peak
9	4770.00	40.54	-33.46	74.00	58.26	31.03	10.59	59.34	---	---	Peak
10	6670.00	43.88	-30.12	74.00	55.30	34.64	12.61	58.67	---	---	Peak
11	8048.00	44.67	-29.33	74.00	51.89	36.58	13.96	57.76	---	---	Peak
12	10622.00	48.31	-25.69	74.00	49.72	39.67	16.27	57.35	---	---	Peak
13	11324.00	48.59	-25.41	74.00	47.89	39.62	17.32	56.24	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	Jun. 14, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Jun. 14, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jun. 14, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 14, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Jun. 14, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Jun. 14, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Bilog Antenna	Schaffner	CBL6111C&N-6-06	2725&AT-N0601	30MHz~1GHz	Oct. 14, 2017	Jun. 05, 2018~ Jun. 06, 2018	Oct. 13, 2018	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 04, 2018	Jun. 05, 2018~ Jun. 06, 2018	Jan. 03, 2019	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 08, 2017	Jun. 05, 2018~ Jun. 06, 2018	Aug. 07, 2018	Radiation (03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	May 02, 2018	Jun. 05, 2018~ Jun. 06, 2018	May 01, 2019	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1850117	1GHz ~ 18GHz	May 24, 2018	Jun. 05, 2018~ Jun. 06, 2018	May 23, 2019	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Jun. 05, 2018~ Jun. 06, 2018	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Jun. 05, 2018~ Jun. 06, 2018	N/A	Radiation (03CH06-HY)
Test Software	AUDIX	e3	6.2009-8-24 (k5)	N/A	N/A	Jun. 05, 2018~ Jun. 06, 2018	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% ( $U = 2Uc(y)$ )	3.9
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.7
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—————THE END—————