

**ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT  
INTENTIONAL RADIATOR CERTIFICATION TO  
FCC PART 15 SUBPART C**

*OF*

**LUXSHARE STANDARD LIMITED**

**Product name: WIRELESS CHARGING PAD**

**MODEL No.: ONA17WI027**

**FCC ID: 2AK4Y-ONA17WI027**

**Trademark: ONN**

**REPORT NO: ES161219031E1**

**ISSUE DATE: January 18, 2017**

*Prepared for*

**LUXSHARE STANDARD LIMITED  
FLAT/RM 2018 20/F SHATIN GALLERIA 18-24 SHANMEI STREET  
FOTA HK**

*Prepared by*

**EMTEK(SHENZHEN) CO., LTD.**

**Bldg 69, Majialong Industry Zone, Nanshan District,  
Shenzhen, Guangdong, China  
TEL: 86-755-26954280  
FAX: 86-755-26954282**

## VERIFICATION OF COMPLIANCE


Applicant:	LUXSHARE STANDARD LIMITED FLAT/RM 2018 20/F SHATIN GALLERIA 18-24 SHANMEI STREET FOTA HK
Manufacturer:	ASAP TECHNOLOGY (JIANGXI) CO.,LTD NO.72 BAIYUN NAN ROAD, INDUSTRIAL PARK XIQU JI"AN, JIANGXI, CHINA
Product product:	WIRELESS CHARGING PAD
Model Number:	ONA17WI027
Trademark:	ONN
File Number:	ES161219031E1
Date of Test:	December 28, 2016 to January 15, 2017

### We hereby certify that:

The above equipment was tested by EMTEK(SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15C

The test results of this report relate only to the tested sample identified in this report.

Date of Test : December 28, 2016 to January 15, 2017

Prepared by :   
Sevin Li/Editor

Reviewer :   
Joe Xia/Supervisor

Approve & Authorized Signer :   
Lisa Wang/Manager

## Table of Contents

<b>1</b>	<b>GENERAL INFORMATION .....</b>	<b>4</b>
1.1	PRODUCT DESCRIPTION .....	4
1.2	RELATED SUBMITTAL(S) / GRANT(S).....	4
1.3	TEST METHODOLOGY .....	5
1.4	SPECIAL ACCESSORIES .....	5
1.5	EQUIPMENT MODIFICATIONS .....	5
1.6	TEST FACILITY .....	5
<b>2</b>	<b>SYSTEM TEST CONFIGURATION.....</b>	<b>6</b>
2.1	EUT CONFIGURATION .....	6
2.2	EUT EXERCISE .....	6
2.3	TEST PROCEDURE .....	6
2.4	CONFIGURATION OF TESTED SYSTEM.....	6
<b>3</b>	<b>SUMMARY OF TEST RESULTS.....</b>	<b>8</b>
<b>4</b>	<b>CONDUCTED EMISSION TEST.....</b>	<b>9</b>
4.1	APPLICABLE STANDARD.....	9
4.2	CONFORMANCE LIMIT .....	9
4.3	TEST CONFIGURATION.....	9
4.4	TEST PROCEDURE .....	9
4.5	MEASUREMENT EQUIPMENT USED: .....	9
4.6	TEST RESULT .....	10
<b>5</b>	<b>RADIATED EMISSION TEST .....</b>	<b>12</b>
5.1	MEASUREMENT PROCEDURE .....	12
5.2	TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION).....	12
5.3	MEASUREMENT EQUIPMENT USED.....	13
5.4	RADIATED EMISSION LIMIT .....	13
5.5	MEASUREMENT RESULT .....	15
5.6	PHOTOS OF SETUP.....	28

## 1 General Information

### 1.1 Product Description

A major technical descriptions of EUT is described as following:

Product	WIRELESS CHARGING PAD
Model Number	ONA17WI027
Power Supply	Input: DC 5V by adapter or PC Output: DC 5V 1000mA Max
Operation Frequency	105-205 KHz
Modulation Technique	Induction
Antenna Type	Coil Antenna

### 1.2 Related Submittal(s) / Grant(s)

This submittal(s) (test report) is intended for FCC ID: 2AK4Y-ONA17WI027 filing to comply with the FCC Part 15, Subpart C Rules.

### 1.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

### 1.4 Special Accessories

Not available for this EUT intended for grant.

### 1.5 Equipment Modifications

Not available for this EUT intended for grant.

### 1.6 Test Facility

#### Site Description

#### EMC Lab.

: Accredited by CNAS, 2016.10.24  
The certificate is valid until 2022.10.28  
The Laboratory has been assessed and proved to be in compliance with CNAS-CL01: 2006(identical to ISO/IEC17025: 2005)  
The Certificate Registration Number is L229

Accredited by TUV Rheinland Shenzhen, 2016.05.19  
The Laboratory has been assessed according to the requirements ISO/IEC 17025.

Accredited by FCC, July 12, 2016  
The Certificate Registration Number is 406365.

Accredited by Industry Canada, November 24, 2015  
The Certificate Registration Number is 4480A-2

## 2 System Test Configuration

### 2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

### 2.3 Test Procedure

#### 2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

#### 2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013.

### 2.4 Configuration of Tested System

**Fig. 2-1 Configuration of Tested System**



**Table 2-1 Equipment Used in Tested System**

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
1.	Adapter	N/A	KSA0502000	N/A	N/A	N/A

**Note:**

- (1) Unless otherwise denoted as EUT in 『Remark』 column, device(s) used in tested system is a support equipment.

### 3 Summary of Test Results

<b>FCC Rules</b>	<b>Description Of Test</b>	<b>Result</b>
§15.207	AC Power Conducted Emission	Compliant
§15.209	Radiated Emission	Compliant



## 4 CONDUCTED EMISSION TEST

### 4.1 Applicable Standard

According to FCC Part 15.207(a)

### 4.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### 4.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

### 4.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

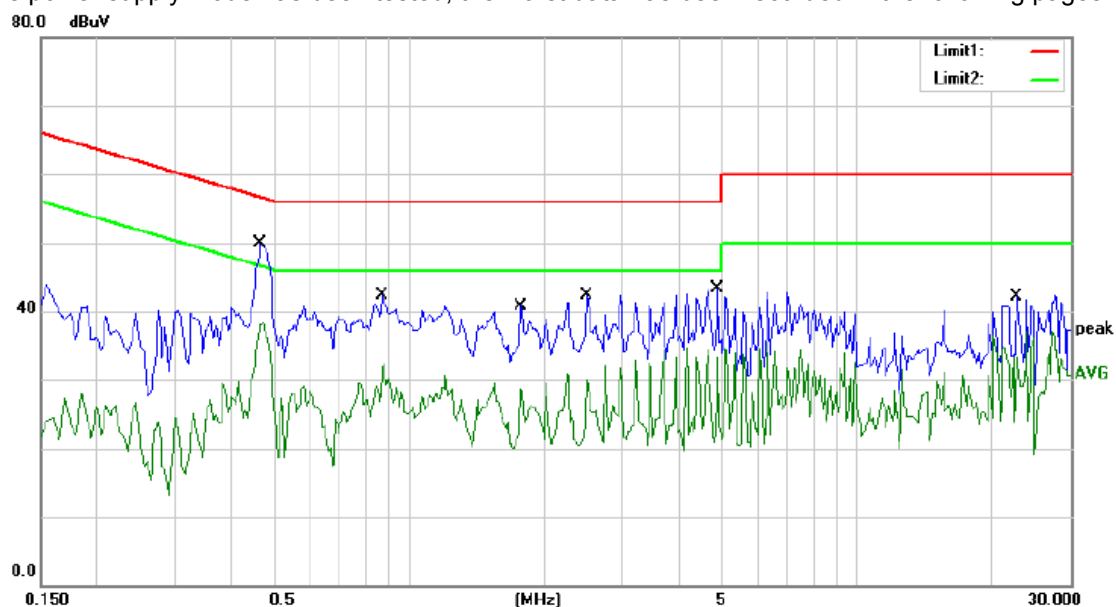
Repeat above procedures until all frequency measured were complete.

### 4.5 Measurement Equipment Used:

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	Due. CAL
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/28/2016	05/28/2017
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	05/28/2016	05/28/2017
50Ω Coaxial Switch	Anritsu	MP59B	M20531	N/A	N/A

## 4.6 Test Result

All of the power supply mode has been tested, the worst data has been recorded in the following pages.



Site Conduction #1

Phase: **L1**

Temperature: 22

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

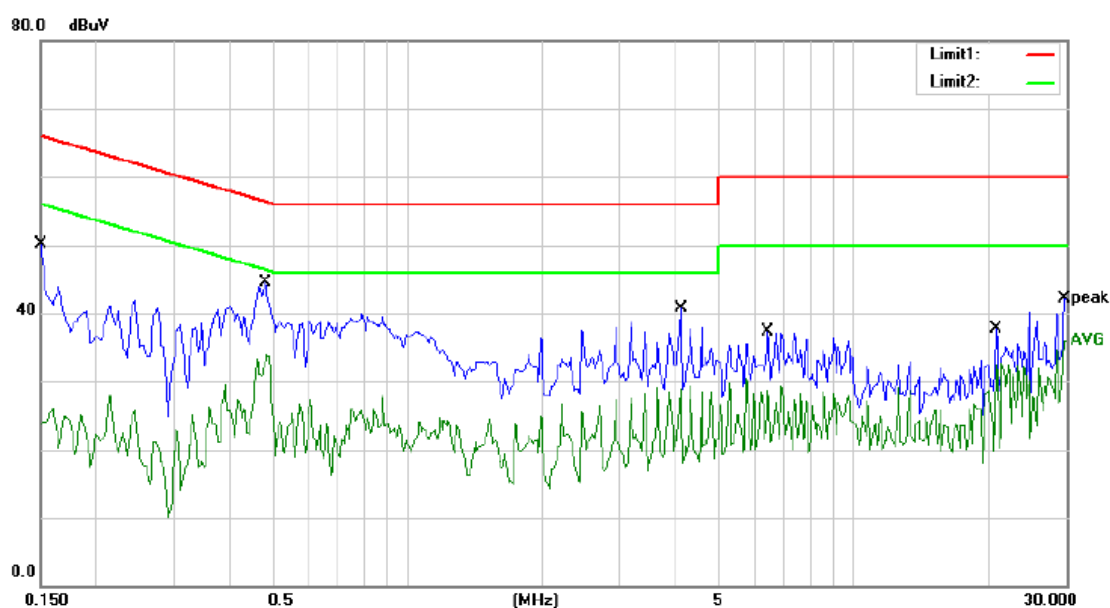
Humidity: 55 %

Mode: On

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.4650	49.85	0.00	49.85	56.60	-6.75	QP	
2		0.4650	38.33	0.00	38.33	46.60	-8.27	AVG	
3		0.8700	42.26	0.00	42.26	56.00	-13.74	QP	
4		0.8700	32.27	0.00	32.27	46.00	-13.73	AVG	
5		1.7800	40.62	0.00	40.62	56.00	-15.38	QP	
6		1.7800	29.47	0.00	29.47	46.00	-16.53	AVG	
7		2.4950	42.35	0.00	42.35	56.00	-13.65	QP	
8		2.4950	32.04	0.00	32.04	46.00	-13.96	AVG	
9		4.8750	43.26	0.00	43.26	56.00	-12.74	QP	
10		4.8750	34.47	0.00	34.47	46.00	-11.53	AVG	
11		22.7750	42.08	0.00	42.08	60.00	-17.92	QP	
12		22.7750	37.03	0.00	37.03	50.00	-12.97	AVG	

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: CSL



Site Conduction #1

Phase: **N**

Temperature: 22

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

Mode: On

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	50.16	0.00	50.16	66.00	-15.84	QP	
2		0.1500	26.15	0.00	26.15	56.00	-29.85	AVG	
3	*	0.4800	44.46	0.00	44.46	56.34	-11.88	QP	
4		0.4800	33.84	0.00	33.84	46.34	-12.50	AVG	
5		4.1000	40.69	0.00	40.69	56.00	-15.31	QP	
6		4.1000	29.27	0.00	29.27	46.00	-16.73	AVG	
7		6.4400	37.32	0.00	37.32	60.00	-22.68	QP	
8		6.4400	29.32	0.00	29.32	50.00	-20.68	AVG	
9		20.8500	37.77	0.00	37.77	60.00	-22.23	QP	
10		20.8500	32.60	0.00	32.60	50.00	-17.40	AVG	
11		29.7500	42.17	0.00	42.17	60.00	-17.83	QP	
12		29.7500	35.97	0.00	35.97	50.00	-14.03	AVG	

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: CSL

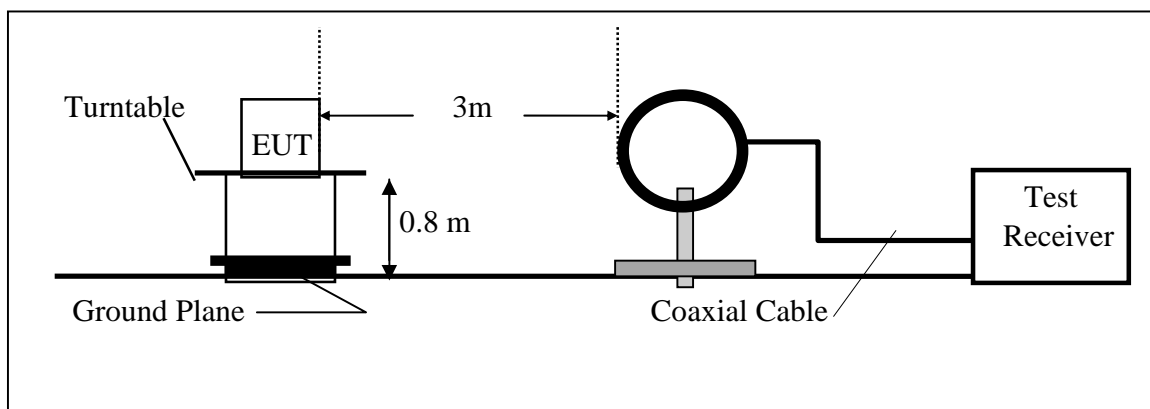
## 5 Radiated Emission Test

### 5.1 Measurement Procedure

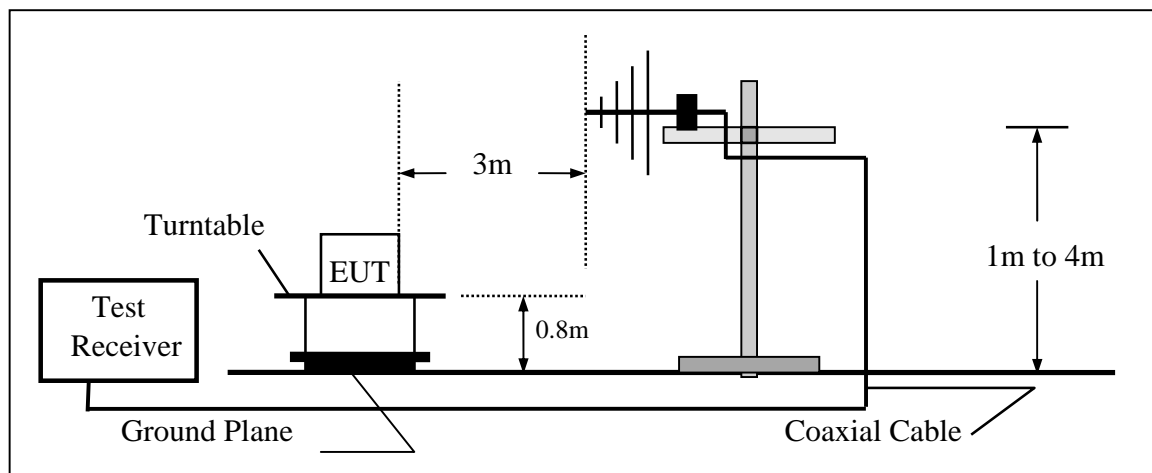
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.
5. Use the following receiver/spectrum analyzer settings:  
 Span = wide enough to fully capture the emission being measured  
 RBW=200Hz for 9KHz to 150KHz,  
 RBW=9kHz for 150KHz to 30MHz,  
 RBW=120KHz for 30MHz to 1GHz  
 VBW  $\geq 3 \times$  RBW  
 Sweep = auto  
 Detector function = QP  
 Trace = max hold

### 5.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



### 5.3 Measurement Equipment Used

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	05/28/2016	05/28/2017
Pre-Amplifier	HP	8447D	2944A07999	05/28/2016	05/28/2017
Bilog Antenna	Schwarzbeck	VULB9163	142	05/28/2016	05/28/2017
Loop Antenna	ARA	PLA-1030/B	1029	05/28/2016	05/28/2017
Cable	Schwarzbeck	AK9513	ACRX1	05/28/2016	05/28/2017
Cable	Rosenberger	N/A	FP2RX2	05/28/2016	05/28/2017
Cable	Schwarzbeck	AK9513	CRPX1	05/28/2016	05/28/2017
Cable	Schwarzbeck	AK9513	CRRX2	05/28/2016	05/28/2017

### 5.4 Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

FCC Part 15.209				
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation Frequency tion at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	2400 / F(KHz)	300m	10000 * 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 – 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40
1.705 – 30.00	30	30m	100* 30	20log 30 + 40
30.0 – 88.0	100	3m	100	20log 100
88.0 – 216.0	150	3m	150	20log 150
216.0 – 960.0	200	3m	200	20log 200
Above 960.0	500	3m	500	20log 500

### 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
<sup>1</sup> 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	( <sup>2</sup> )

Remark: 1. Emission level in dBuV/m=20 log (uV/m)  
 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.  
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of § 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

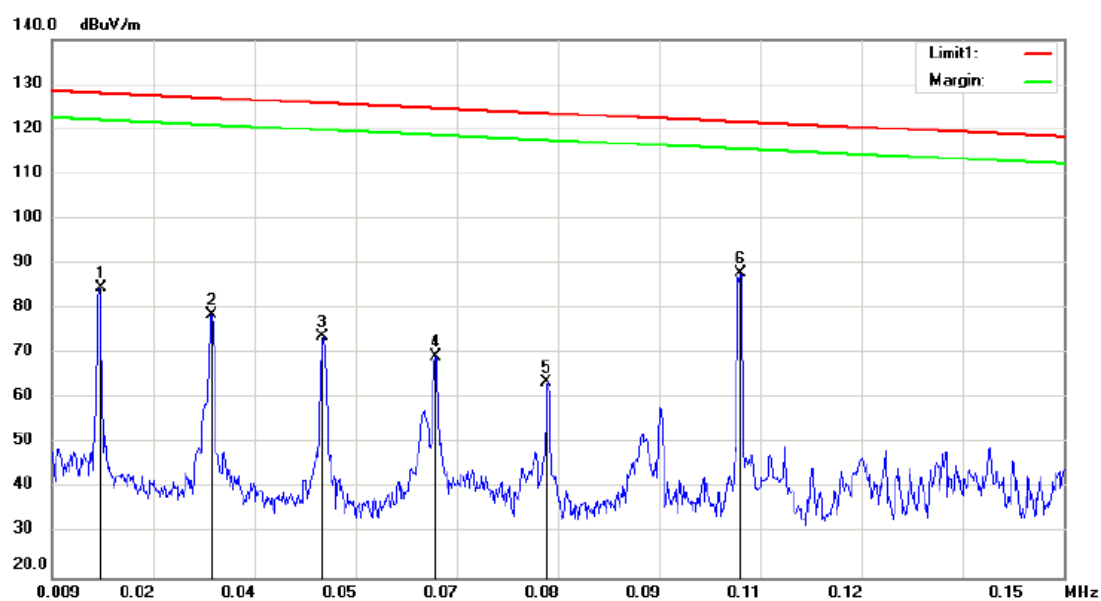
## 5.5 Measurement Result

Operation Mode:	Max load	Test Date :	January 10, 2017
Frequency Range:	30~1000MHz	Temperature :	20℃
Test Result:	PASS	Humidity :	55 %
Measured Distance:	3m	Test By:	KK

All of the power supply mode and antenna polar has been tested, the worst data has been recorded as following:

**Frequency Range: 9KHz~0.15MHz**

Low frequency:



Site 3m Chamber #2

Polarization: X

Temperature: 22 C

Limit: (RE)FCC PART 15.209(9K-30M)

Power: AC 120V/60Hz

Humidity: 55 %

Mode:Low Load

Note:

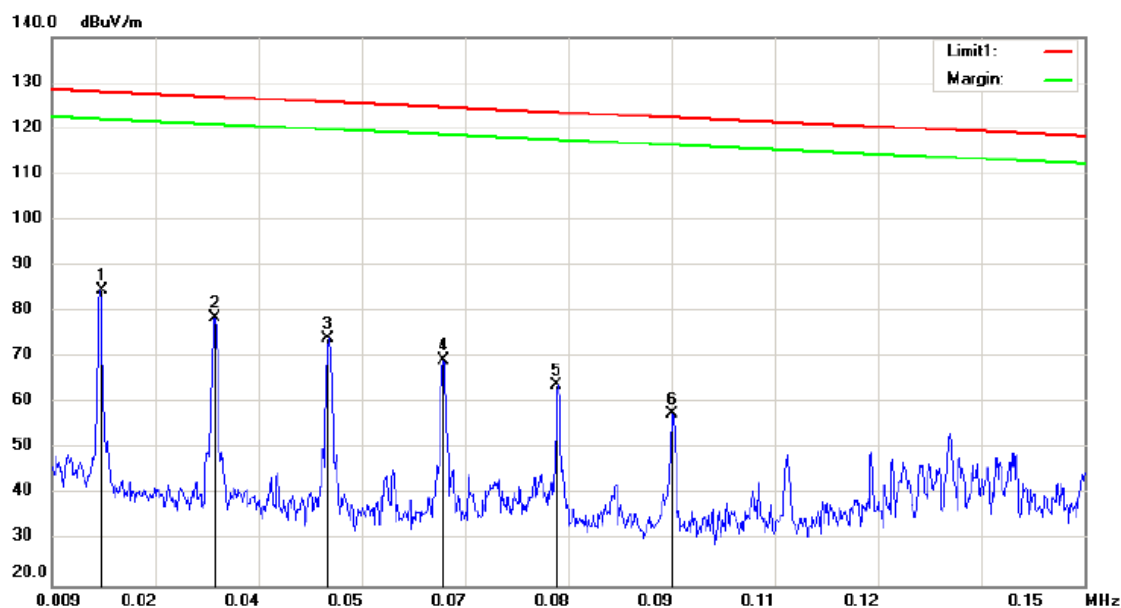
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		0.0156	65.12	19.41	84.53	128.02	-43.49	QP		
2		0.0311	58.93	19.72	78.65	126.91	-48.26	QP		
3		0.0466	53.89	20.03	73.92	125.79	-51.87	QP		
4		0.0624	49.29	20.03	69.32	124.65	-55.33	QP		
5		0.0780	43.85	19.93	63.78	123.52	-59.74	QP		
6	*	0.1050	68.02	19.87	87.89	121.57	-33.68	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK



Mid frequency:



Site 3m Chamber #2

Polarization: **X**

Temperature: 22 C

Limit: (RE)FCC PART 15.209(9K-30M)

Power: AC 120V/60Hz

Humidity: 55 %

Mode:Mid Load

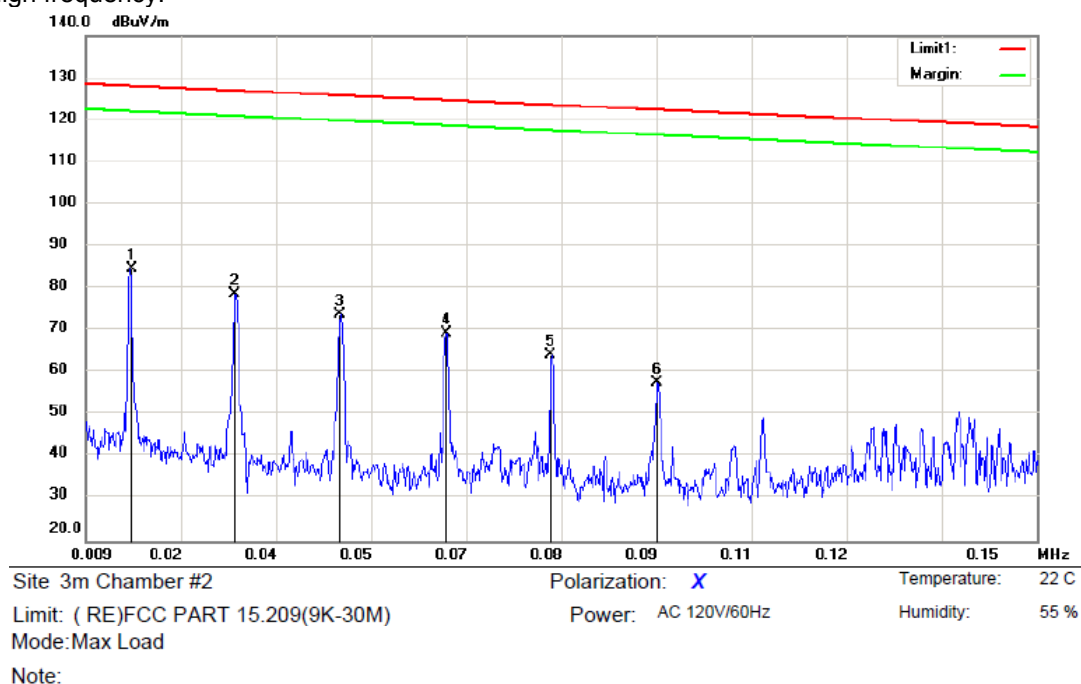
Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	0.0155	65.28	19.41	84.69	128.03	-43.34	QP		
2		0.0311	58.99	19.72	78.71	126.91	-48.20	QP		
3		0.0466	54.16	20.03	74.19	125.79	-51.60	QP		
4		0.0623	49.24	20.03	69.27	124.65	-55.38	QP		
5		0.0780	44.13	19.93	64.06	123.52	-59.46	QP		
6		0.0937	37.88	19.89	57.77	122.39	-64.62	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

High frequency:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	0.0155	65.14	19.41	84.55	128.03	-43.48	QP		
2		0.0310	59.03	19.72	78.75	126.91	-48.16	QP		
3		0.0466	53.95	20.03	73.98	125.79	-51.81	QP		
4		0.0623	49.36	20.03	69.39	124.65	-55.26	QP		
5		0.0780	44.40	19.93	64.33	123.52	-59.19	QP		
6		0.0937	37.66	19.89	57.55	122.39	-64.84	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator:KK

Note:

Below 30MHz, Pre-test the X, Y, Z axis to find X axis is worst case, so only record X axis test data.

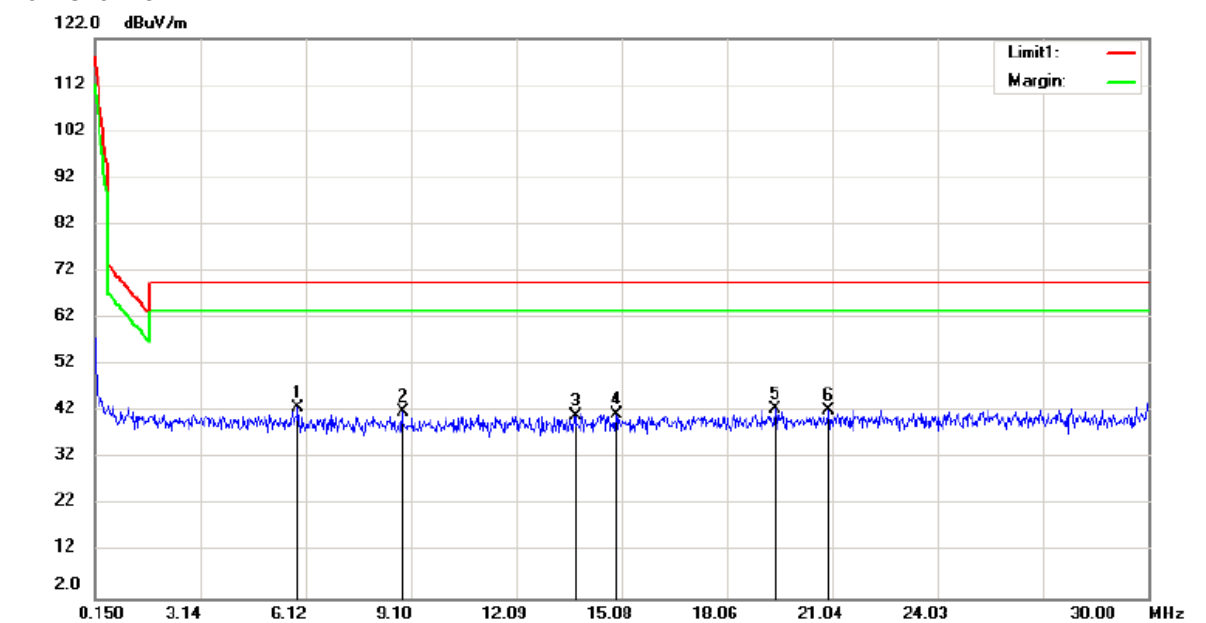
X: Field strength which this device generates since the position of the charging coil and loop antenna differ by 0 degrees.

Y: Field strength which this device generates since the position of the charging coil and loop antenna differ by 90 degrees.

Z: Field strength which this device generates since the position of the charging coil and loop antenna differ by 180 degrees.

**Frequency Range: 0.15MHz-30MHz**

Low Channel



Site 3m Chamber #2

Polarization: X

Temperature: 22 C

Limit: (RE)FCC PART 15.209(9K-30M)

Power: AC 120V/60Hz

Humidity: 55 %

Mode:Low Load

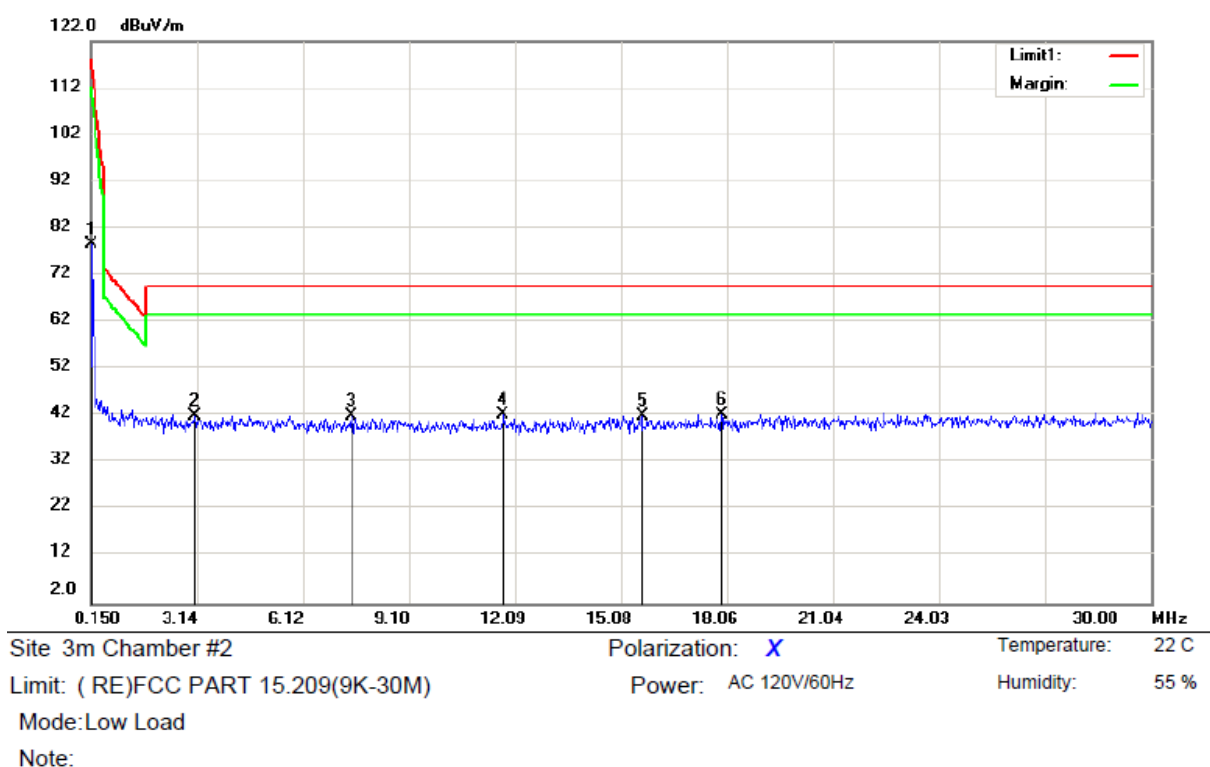
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5.9110	22.97	19.90	42.87	69.50	-26.63	QP		
2		8.8660	22.28	19.75	42.03	69.50	-27.47	QP		
3		13.7614	21.35	19.91	41.26	69.50	-28.24	QP		
4		14.9257	21.39	19.94	41.33	69.50	-28.17	QP		
5		19.4330	22.19	20.34	42.53	69.50	-26.97	QP		
6		20.9553	22.03	20.45	42.48	69.50	-27.02	QP		

\*:Maximum data x:Over limit l:over margin

Operator:KK

Mid frequency:

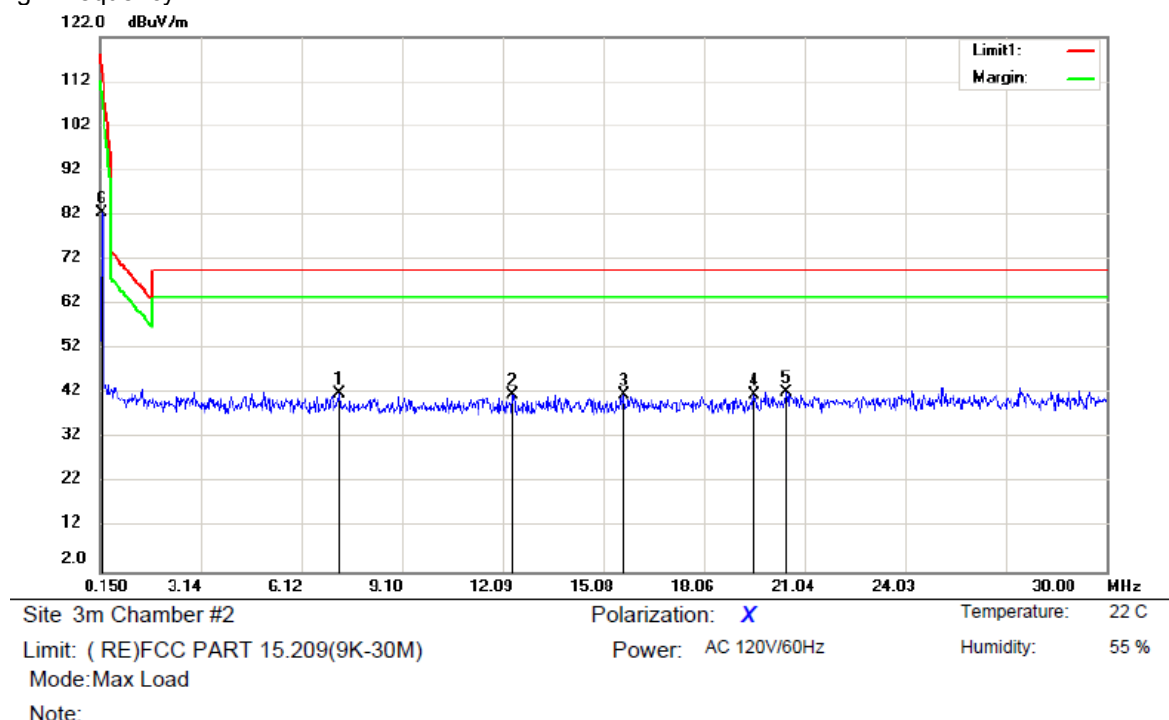


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		0.1556	58.61	20.03	78.64	117.92	-39.28	QP	
2		3.0752	22.15	19.93	42.08	69.50	-27.42	QP	
3		7.4931	22.22	19.70	41.92	69.50	-27.58	QP	
4		11.7615	22.42	19.85	42.27	69.50	-27.23	QP	
5		15.6720	21.95	20.00	41.95	69.50	-27.55	QP	
6	*	17.9106	22.17	20.21	42.38	69.50	-27.12	QP	

\*:Maximum data x:Over limit l:over margin

Operator:KK

High Frequency:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7.2541	22.45	19.69	42.14	69.50	-27.36	QP		
2		12.3885	21.74	19.87	41.61	69.50	-27.89	QP		
3		15.6720	21.73	20.00	41.73	69.50	-27.77	QP		
4		19.5522	21.31	20.35	41.66	69.50	-27.84	QP		
5	*	20.5076	21.91	20.42	42.33	69.50	-27.17	QP		
6		0.2096	62.24	20.17	82.41	114.03	-31.62	QP		

\*:Maximum data x:Over limit !:over margin

Operator:KK

Note:

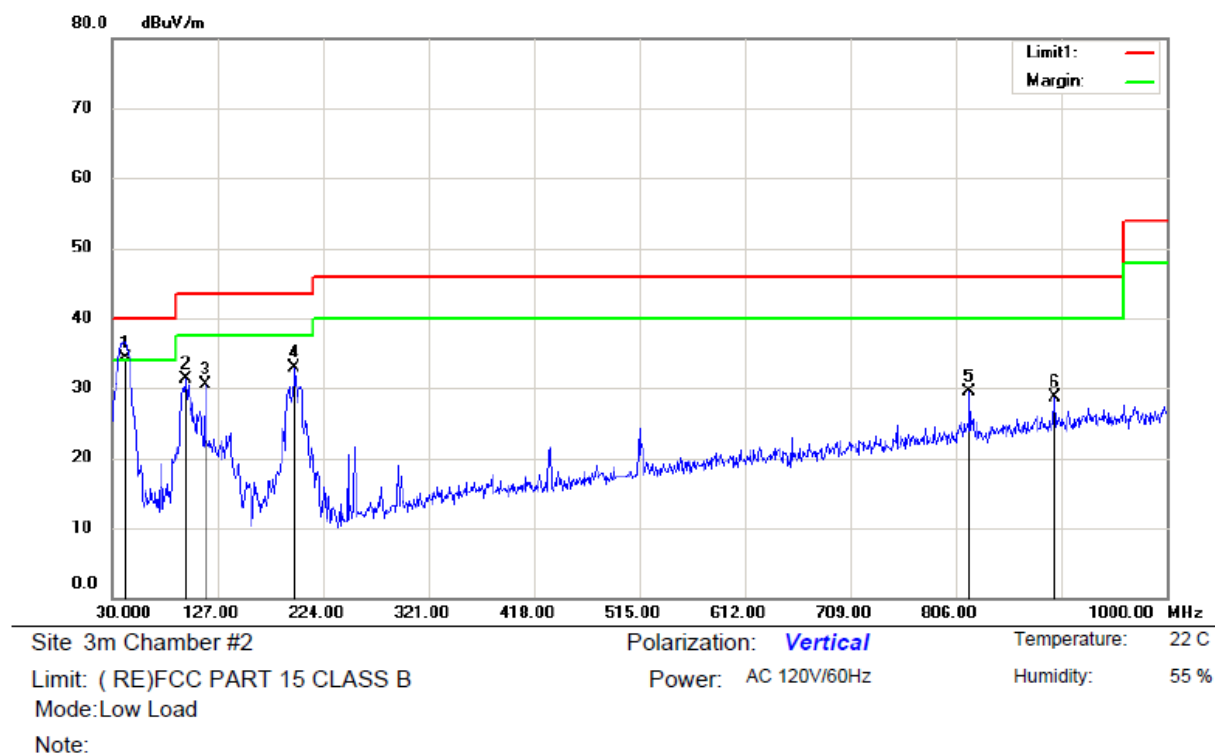
Below 30MHz, Pre-test the X, Y, Z axis to find X axis is worst case, so only record X axis test data.  
X: Field strength which this device generates since the position of the charging coil and loop antenna differ by 0 degrees.

Y: Field strength which this device generates since the position of the charging coil and loop antenna differ by 90 degrees.

Z: Field strength which this device generates since the position of the charging coil and loop antenna differ by 180 degrees.

**Frequency Range: 30MHz-1000MHz**

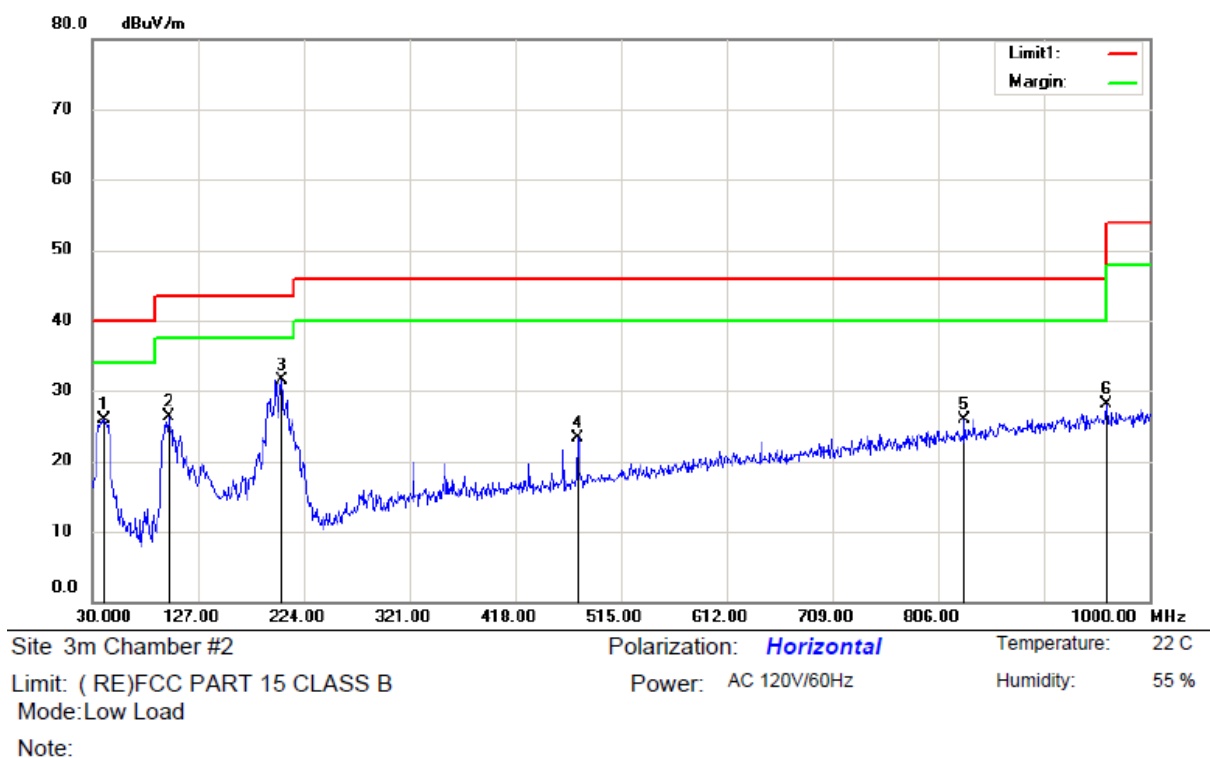
Low frequency:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	41.6400	48.75	-14.45	34.30	40.00	-5.70	QP		
2		97.9000	46.79	-15.45	31.34	43.50	-12.16	QP		
3		115.3600	46.88	-16.29	30.59	43.50	-12.91	QP		
4		197.8100	48.95	-16.02	32.93	43.50	-10.57	QP		
5		818.6100	31.14	-1.69	29.45	46.00	-16.55	QP		
6		897.1800	29.37	-0.59	28.78	46.00	-17.22	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

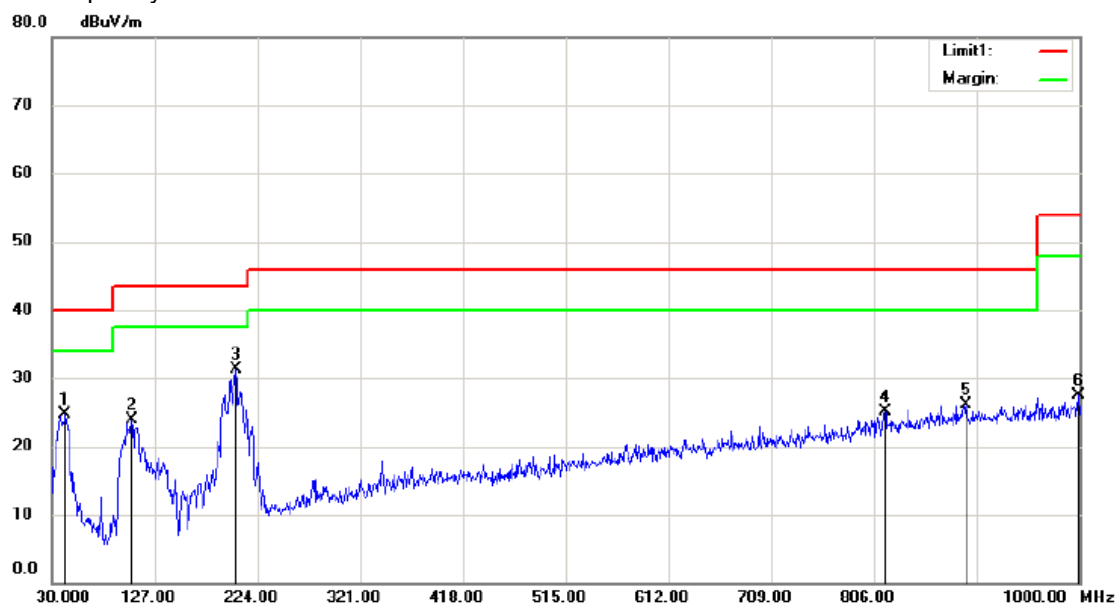


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		40.6700	40.33	-14.46	25.87	40.00	-14.13	QP		
2		100.8100	41.21	-14.94	26.27	43.50	-17.23	QP		
3	*	203.6300	47.16	-15.68	31.48	43.50	-12.02	QP		
4		475.2300	31.36	-8.09	23.27	46.00	-22.73	QP		
5		830.2500	27.50	-1.53	25.97	46.00	-20.03	QP		
6		960.2300	27.94	0.24	28.18	54.00	-25.82	QP		

\*:Maximum data x:Over limit l:over margin

Operator: KK

Mid frequency:



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 55 %

Mode:Mid Load

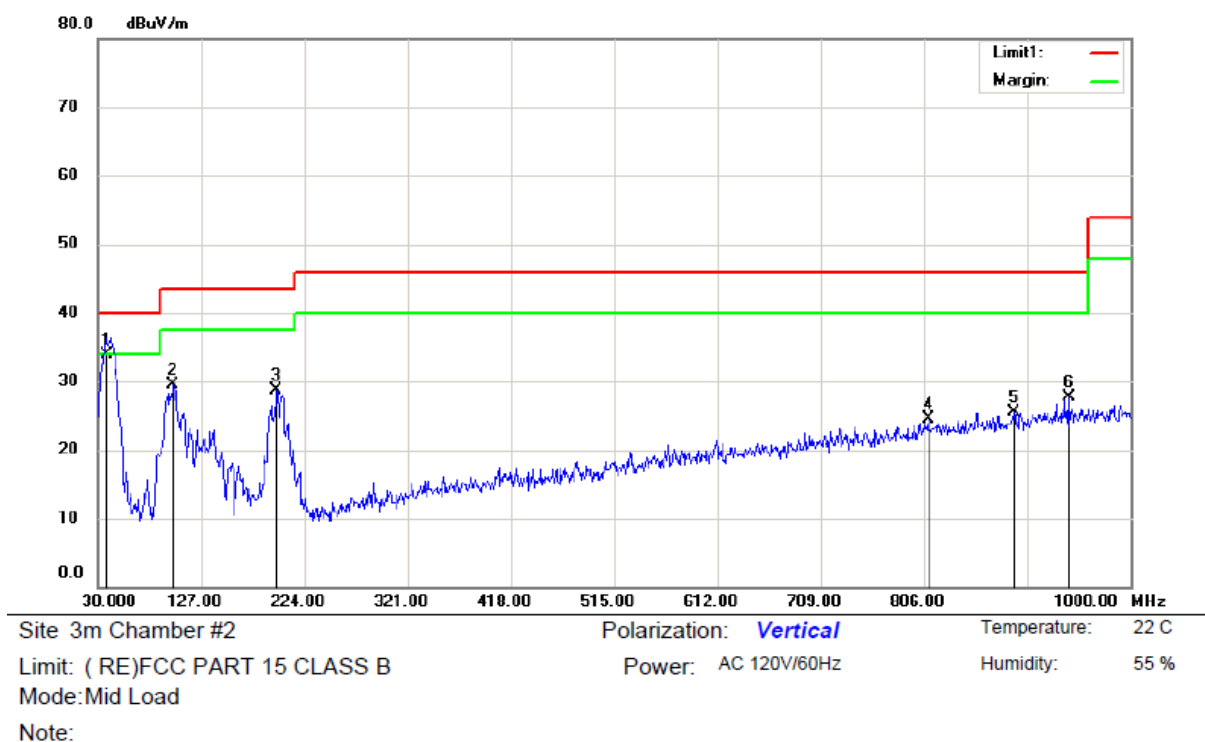
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		42.6100	38.99	-14.33	24.66	40.00	-15.34			
2		105.6600	39.10	-15.29	23.81	43.50	-19.69			
3	*	203.6300	47.02	-15.68	31.34	43.50	-12.16			
4		816.6700	26.82	-1.73	25.09	46.00	-20.91			
5		893.3000	26.81	-0.64	26.17	46.00	-19.83			
6		999.0300	26.74	0.76	27.50	54.00	-26.50			

\*:Maximum data    x:Over limit    !:over margin

Operator:



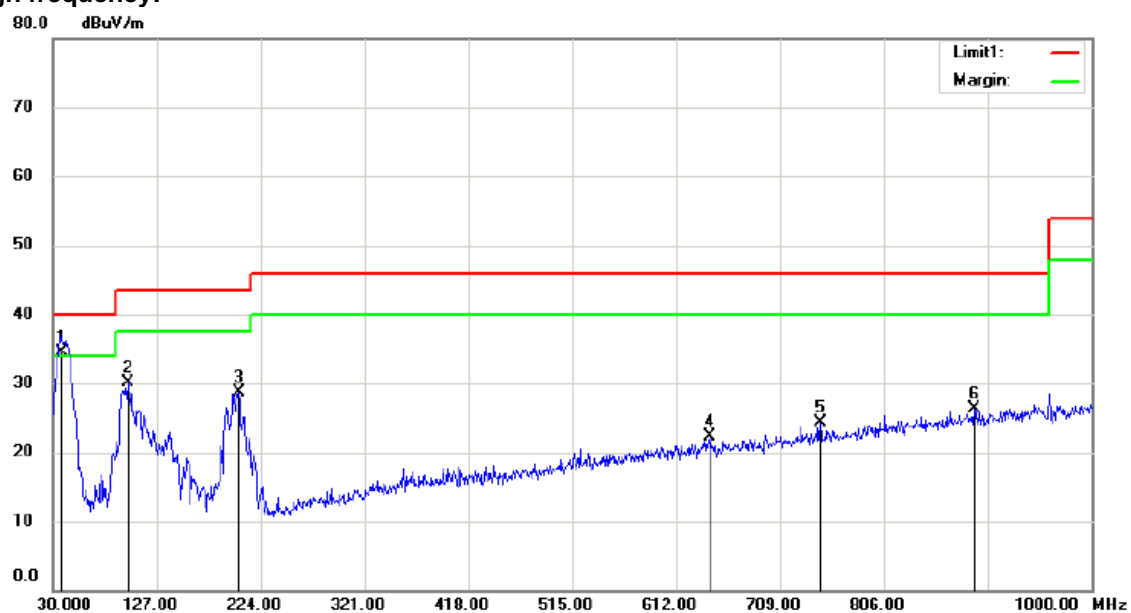


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	37.7600	49.00	-15.10	33.90	40.00	-6.10	QP			
2		100.8100	44.47	-14.94	29.53	43.50	-13.97	QP			
3		197.8100	44.71	-16.02	28.69	43.50	-14.81	QP			
4		809.8800	26.35	-1.82	24.53	46.00	-21.47	QP			
5		890.3900	26.15	-0.69	25.46	46.00	-20.54	QP			
6		941.8000	27.63	0.00	27.63	46.00	-18.37	QP			

\*:Maximum data    x:Over limit    !:over margin

Operator:KK

# High frequency:



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 55 %

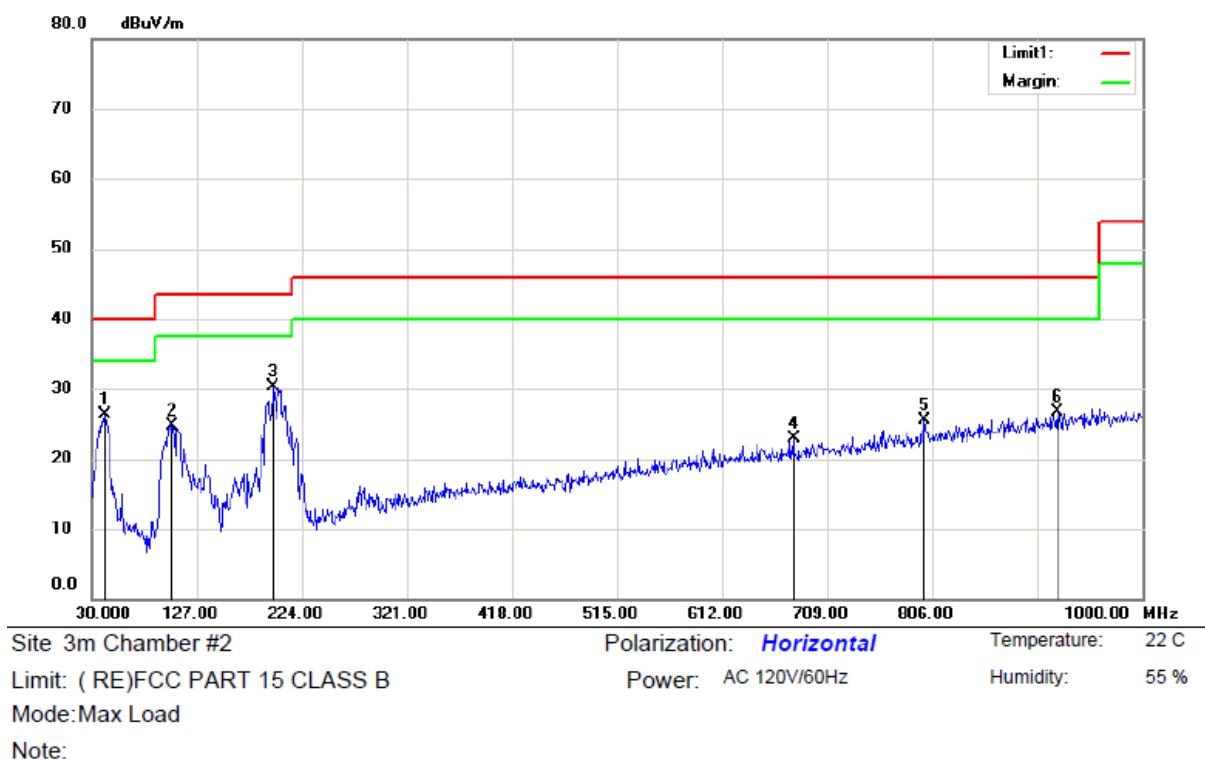
Mode:Max Load

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	37.7600	49.70	-15.10	34.60	40.00	-5.40	QP		
2		100.8100	45.12	-14.94	30.18	43.50	-13.32	QP		
3		203.6300	44.41	-15.68	28.73	43.50	-14.77	QP		
4		643.0400	26.98	-4.60	22.38	46.00	-23.62	QP		
5		746.8300	27.21	-2.91	24.30	46.00	-21.70	QP		
6		890.3900	26.96	-0.69	26.27	46.00	-19.73	QP		

\*:Maximum data x:Over limit !:over margin

Operator:KK



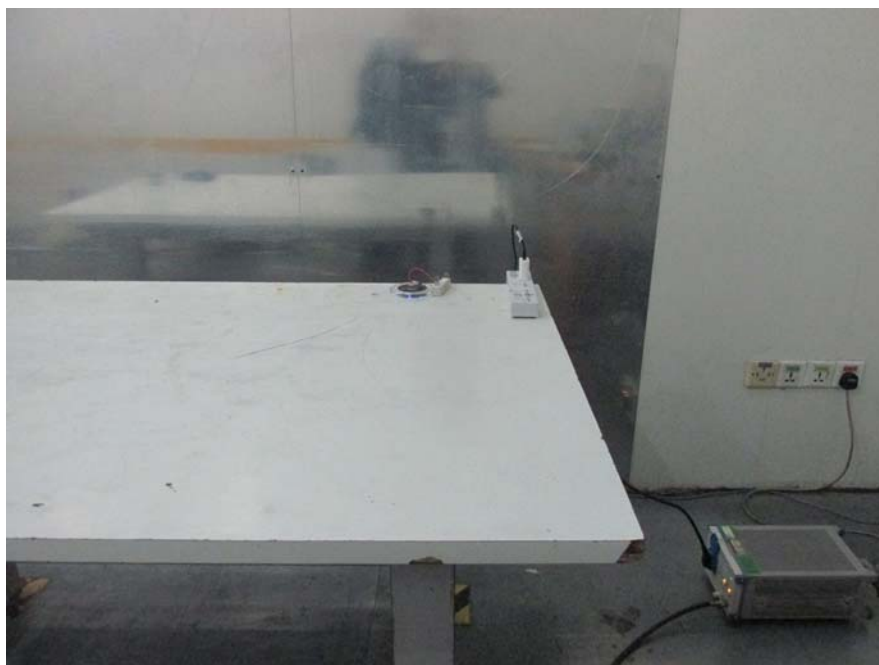
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		42.6100	40.63	-14.33	26.30	40.00	-13.70	QP		
2		103.7200	39.95	-15.15	24.80	43.50	-18.70	QP		
3	*	197.8100	46.39	-16.02	30.37	43.50	-13.13	QP		
4		677.9600	27.03	-4.07	22.96	46.00	-23.04	QP		
5		799.2100	27.38	-1.97	25.41	46.00	-20.59	QP		
6		921.4300	26.89	-0.27	26.62	46.00	-19.38	QP		

\*:Maximum data x:Over limit !:over margin

Operator:KK

## 5.6 Photos of setup

### CONDUCTED EMISSION TEST



**Radiated Measurement Photos**

