

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

Product: Compact Clock with Wireless Charging

MODEL No.: iW18, iW18B, iW18BG, iW18G, iW18GG, iW18W, iW18X (X would be any 1 or 2 alphabet(s) combination denote different cabinet color)

Trademark: iHome

FCC ID: EMOIW18

REPORT NO.: ES19062426W01

ISSUE DATE: July 03, 2019

Prepared for

SDI Technologies Inc.
1299, Main Street, Rahway, NJ 07065, U.S.A

Prepared by

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TEST REPORT DESCRIPTION

Applicant : SDI Technologies Inc.
1299, Main Street, Rahway, NJ 07065, U.S.A

Manufacturer : SDI Technologies Inc.
1299, Main Street, Rahway, NJ 07065, U.S.A

Factory : JADESTAR ELECTRONICS CO, LTD
BLOCK 4, A AREA, 4TH INDUSTRIAL ZONE, YUHE ROAD, GONGHE
COMMUNITY, SHAJING TOWN, BAOAN DISTRICT, SHENZHEN CITY,
GUANGDONG, CHINA

Trade Mark : iHome

EUT : Compact Clock with Wireless Charging

Model No. : iW18, iW18B, iW18BG, iW18G, iW18GG, iW18W, iW18X (X would be
any 1 or 2 alphabet(s) combination denote different cabinet color)

We hereby certify that:

The above equipment was tested by SHENZHEN EMTEK 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 : June 24, 2019 to July 03, 2019

Prepared by : 
Yaping Shen/Editor

Reviewer : 
Joe Xia/Supervisor

Approved & Authorized Signer : 
Lisa Wang/Manager



Modified Information

Version	Report No.	Revision Data	Summary
Ver.1.0	ES19062426W01	/	Original Version

1. SUMMARY OF TEST RESULTS

EMISSION		
Description of Test Item	Standard & Limits	Results
Conducted Emission	FCC Part 15, Subpart C- Section 15.207 ANSI C63.10-2013	Pass
Radiated Emission	FCC Part 15, Subpart C- Section 15.209 ANSI C63.10-2013	Pass
Note: N/A is an abbreviation for Not Applicable.		

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : Compact Clock with Wireless Charging

Model Number : iW18, iW18B, iW18BG, iW18G, iW18GG, iW18W, iW18X (X would be any 1 or 2 alphabet(s) combination denote different cabinet color)

Power Rating : Wireless Charger: Support WPT 9W
USB Output: DC5V 1A
DC 9V from adapter
 Model: BQ30A-0902500-U
 Input: 100-240V~, 50/60Hz, Max 800mA
 Output: DC 9V, 2500mA

Operation : 110KHz-205KHz
 Frequency for WPT

Modulation : ASK

Antenna Type: : Integral Antenna(Induction coil)

Date of Received : June 24, 2019

Date of Test : June 24, 2019 to July 03, 2019

2.2. Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
1	Enclosure	N/E	--	--	None
2	USB output port	I/O	No	--	1 port
3	DC IN port	DC	No	Unshielded	1 port

* Note: For the purposes of the present document, the following symbols apply:

AC	AC Power Port
DC	DC Power Port
N/E	Non-Electrical
I/O	Signal Input or Output Port (Not Involved in Process Control)
TP	Telecommunication Ports

2.3. Independent Operation Modes

- A ON
1. Wireless(100% load)
 2. Wireless(50% load)
 3. Wireless(10% load)
- Note: The mode 1 is the worst mode

2.4. Test Manner

Test Items	Test Voltage	Worst Modes
Conducted Emission	AC 120V/60Hz	Mode A.1
Radiated Emission	AC 120V/60Hz	Mode A.1

2.5. Description of 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/IEC 17025:2005)
The Certificate Registration Number is L2291.

Accredited by TUV Rheinland Shenzhen 2016.5.19
The Laboratory has been assessed according to the requirements
ISO/IEC 17025.

Accredited by FCC, August 06, 2018
The certificate is valid until August 07, 2020
Designation Number: CN1204
Test Firm Registration Number: 882943

Accredited by Industry Canada, November 09, 2018
The Conformity Assessment Body Identifier is CN0008.

Accredited by A2LA, July 31, 2017
The Certificate Number is 4321.01.

Name of Firm : EMTEK (SHENZHEN) CO., LTD.

Site Location : Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen,
Guangdong, China

2.6. Test Software

Item Software

Conducted Emission : EMTEK(Ver.CON-03A1)-Shenzhen

Radiated Emission : EMTEK(Ver.RA-03A1)-Shenzhen

2.7. Description of Support Device

No.	Equipment	Trade name	Model	S/N	Power Cord
1.	Wireless Load	N/A	5w/7.5w/9w/15w	N/A	N/A

2.8. Measurement Uncertainty

Test Item	Uncertainty
Conducted Emission Uncertainty	3.16dB(9k~150kHz Conduction 2#) 2.90dB(150k-30MHz Conduction 2#)
Radiated Emission Uncertainty (3m Chamber)	3.78dB (30M~1GHz Polarize: H) 4.27dB (30M~1GHz Polarize: V) 4.46dB (1~6GHz)

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. Conducted Emission Test Equipment

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	DUE CAL.
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/18/2019	05/17/2020
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	05/18/2019	05/17/2020
50Ω Coaxial Switch	Anritsu	MP59B	M20531	05/18/2019	05/17/2020
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	05/18/2019	05/17/2020
Voltage Probe	Rohde & Schwarz	TK9416	N/A	05/18/2019	05/17/2020
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	05/18/2019	05/17/2020

3.2. For 3m Radiated Emission Measurement 9K-30M (3m chamber 1#)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	DUE CAL.
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	05/18/2019	05/17/2020
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	05/18/2019	05/17/2020
Cable		3M SF104-26.5	295838/4	05/18/2019	05/17/2020
Cable		6M SF104-26.5	295840/4	05/18/2019	05/17/2020

3.3. For 3m Radiated Emission Measurement 30M-1G (3m chamber 1#)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	DUE CAL.
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	05/18/2019	05/17/2020
Pre-Amplifier	HP	8447F	2944A07999	05/18/2019	05/17/2020
Bilog Antenna	Schwarzbeck	VULB9163	142	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	ACRX1	05/18/2019	05/17/2020
Cable	Rosenberger	N/A	FP2RX2	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	CRPX1	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	CRRX2	05/18/2019	05/17/2020

4. 20DB BANDWIDTH

4.1. Test Procedure

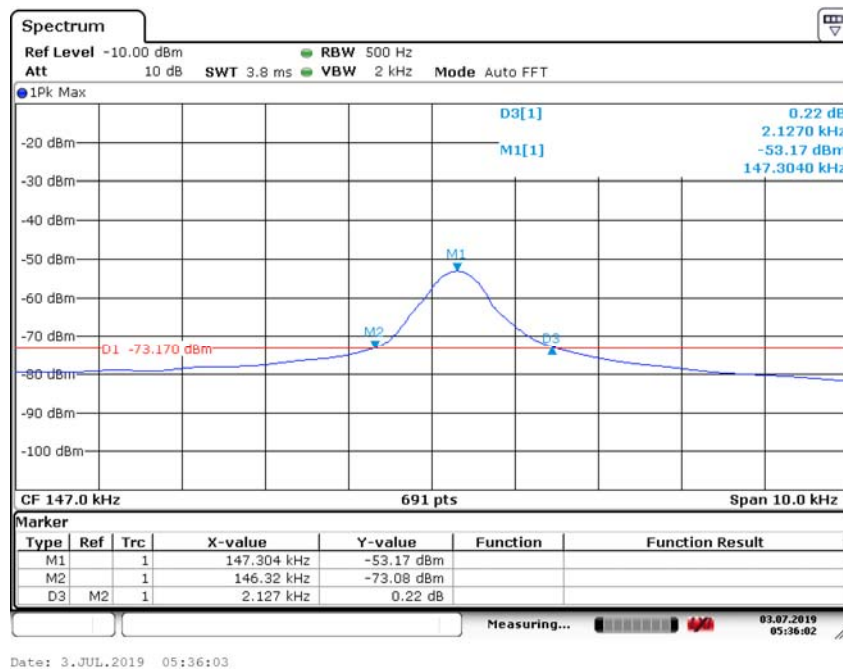
Set to the maximum power setting and enable the EUT transmit continuously
 Set RBW = 3kHz.
 Set the video bandwidth (VBW) =10kHz.
 Set Span= 20KHz
 Set Detector = Peak.
 Set Trace mode = max hold.
 Set Sweep = auto couple.
 Measure and record the results in the test report.

4.2. Test Results

Temperature: 24 °C
 Humidity: 53 %

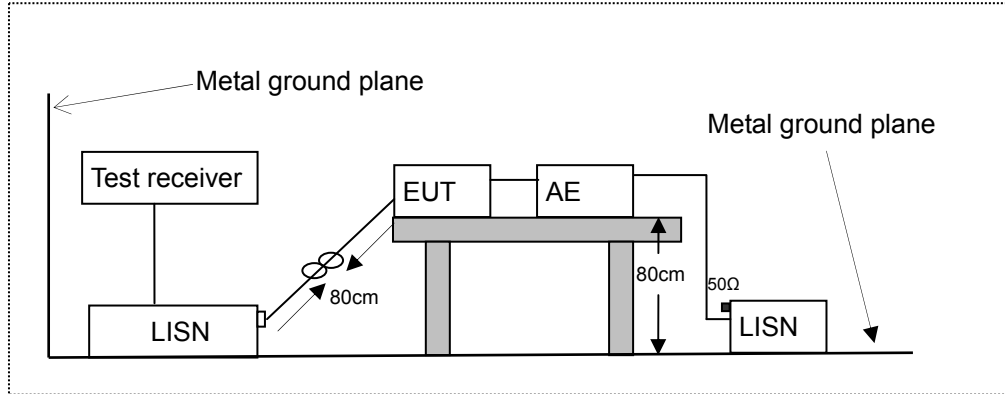
Test Date: July 03, 2019
 Test By: KK

20dB Band=2.127kHz



5. POWER LINE CONDUCTED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network
 AE: Associated equipment
 EUT: Equipment under test

5.2. Limits

FCC Part 15.207

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

NOTE1-The lower limit shall apply at the transition frequencies.
 NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

5.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a line impedance stabilization network (LISN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

All the support units are connecting to the other LISN.

The LISN provides 50 ohm coupling impedance for the measuring instrument.

Both sides of AC line were checked for maximum conducted interference.

The frequency range from 150 kHz to 30 MHz was sweep.

Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

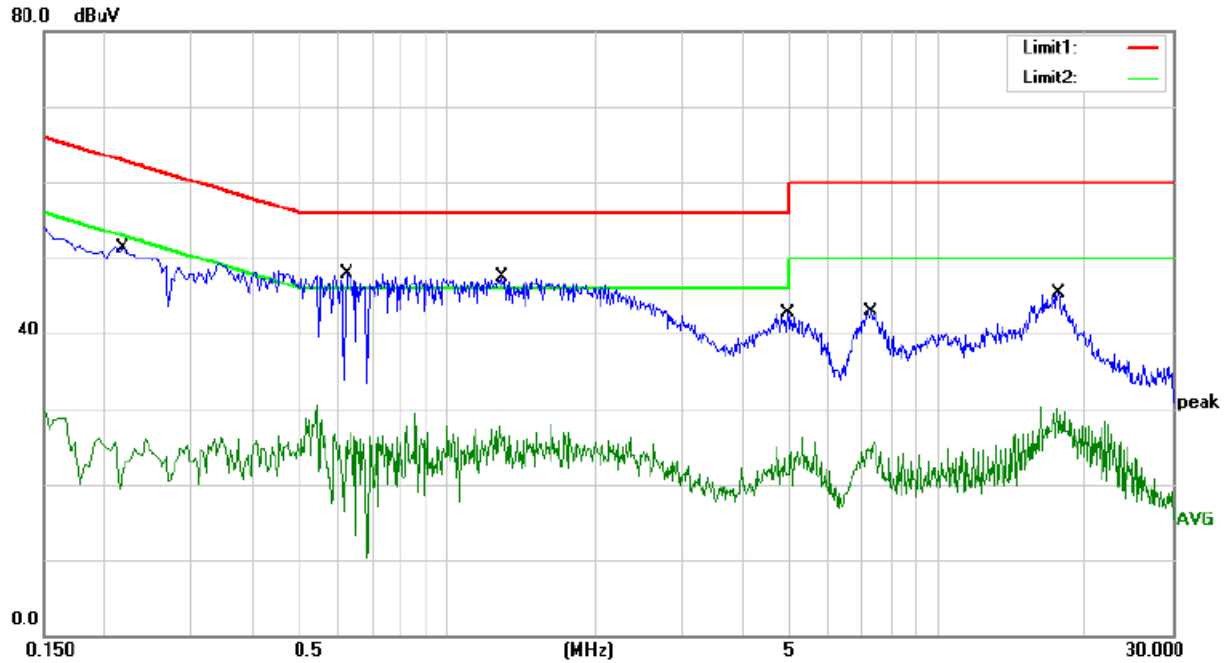
Test results were obtained from the following equation:

Emission Level (dB μ V) = LISN Factor (dB) + Cable Loss (dB) + Reading (dB μ V)

Margin (dB) = Emission Level (dB μ V) - Limit (dB μ V)

5.4. Measuring Results

PASS.



Site Conduction #1

Phase: **L1**

Temperature: 24.9

Limit: (CE)FCC PART 15 C

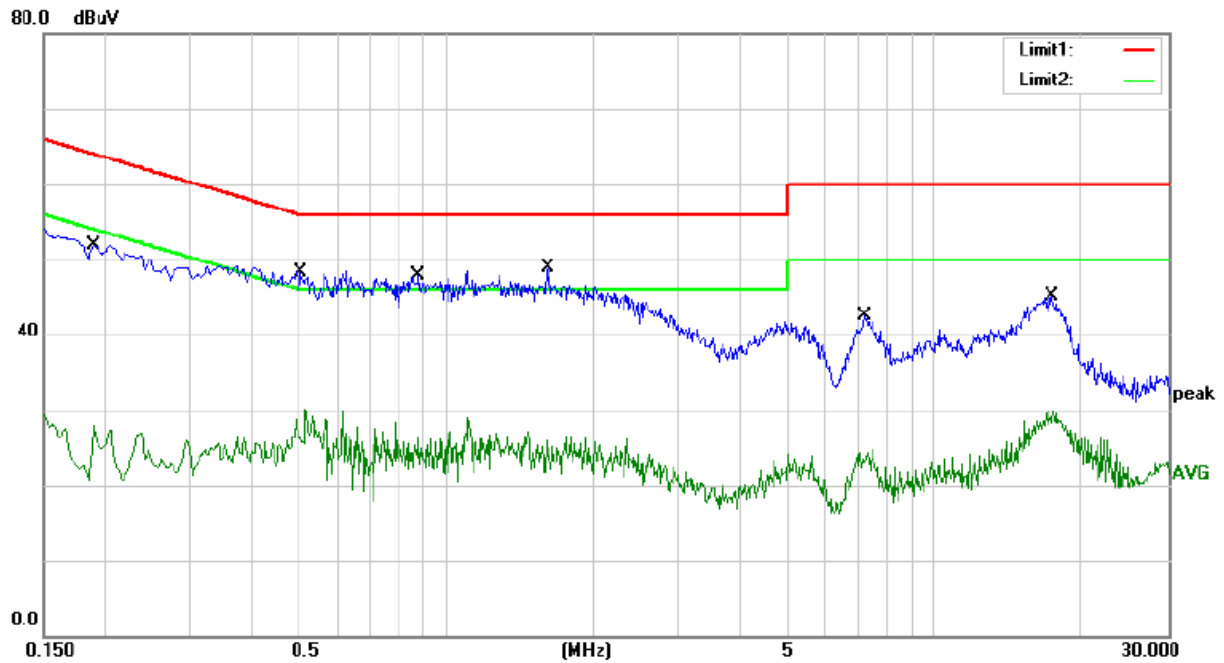
Power: AC 120V/60Hz

Humidity: 54 %

Mode: Wireless Charging(100% Load)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2185	41.67	9.55	51.22	62.88	-11.66	QP	
2		0.2185	16.34	9.55	25.89	52.88	-26.99	AVG	
3	*	0.6260	38.33	9.57	47.90	56.00	-8.10	QP	
4		0.6260	17.37	9.57	26.94	46.00	-19.06	AVG	
5		1.2900	37.83	9.59	47.42	56.00	-8.58	QP	
6		1.2900	18.16	9.59	27.75	46.00	-18.25	AVG	
7		4.9260	33.03	9.66	42.69	56.00	-13.31	QP	
8		4.9260	16.34	9.66	26.00	46.00	-20.00	AVG	
9		7.3140	33.13	9.72	42.85	60.00	-17.15	QP	
10		7.3140	15.81	9.72	25.53	50.00	-24.47	AVG	
11		17.6060	35.28	10.05	45.33	60.00	-14.67	QP	
12		17.6060	20.05	10.05	30.10	50.00	-19.90	AVG	



Site Conduction #1

Phase: **N**

Temperature: 24.9

Limit: (CE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 54 %

Mode: Wireless Charging(100% Load)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1900	42.40	9.55	51.95	64.04	-12.09	QP	
2		0.1900	18.31	9.55	27.86	54.04	-26.18	AVG	
3		0.5060	38.65	9.57	48.22	56.00	-7.78	QP	
4		0.5060	20.49	9.57	30.06	46.00	-15.94	AVG	
5		0.8780	38.24	9.59	47.83	56.00	-8.17	QP	
6		0.8780	18.78	9.59	28.37	46.00	-17.63	AVG	
7	*	1.6180	39.23	9.59	48.82	56.00	-7.18	QP	
8		1.6180	17.43	9.59	27.02	46.00	-18.98	AVG	
9		7.1940	32.73	9.71	42.44	60.00	-17.56	QP	
10		7.1940	14.95	9.71	24.66	50.00	-25.34	AVG	
11		17.3500	35.16	10.03	45.19	60.00	-14.81	QP	
12		17.5300	19.91	10.04	29.95	50.00	-20.05	AVG	

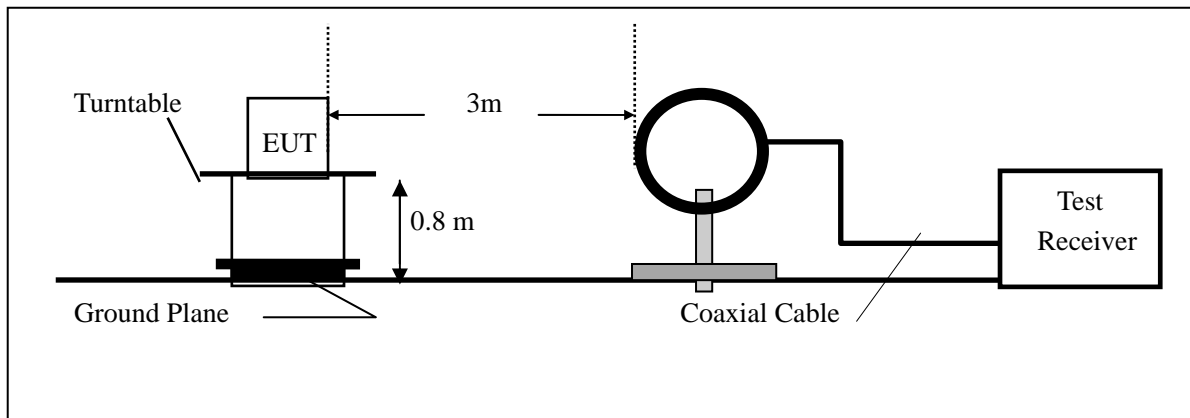
6. RADIATED EMISSION TEST

6.1. Measurement Procedure

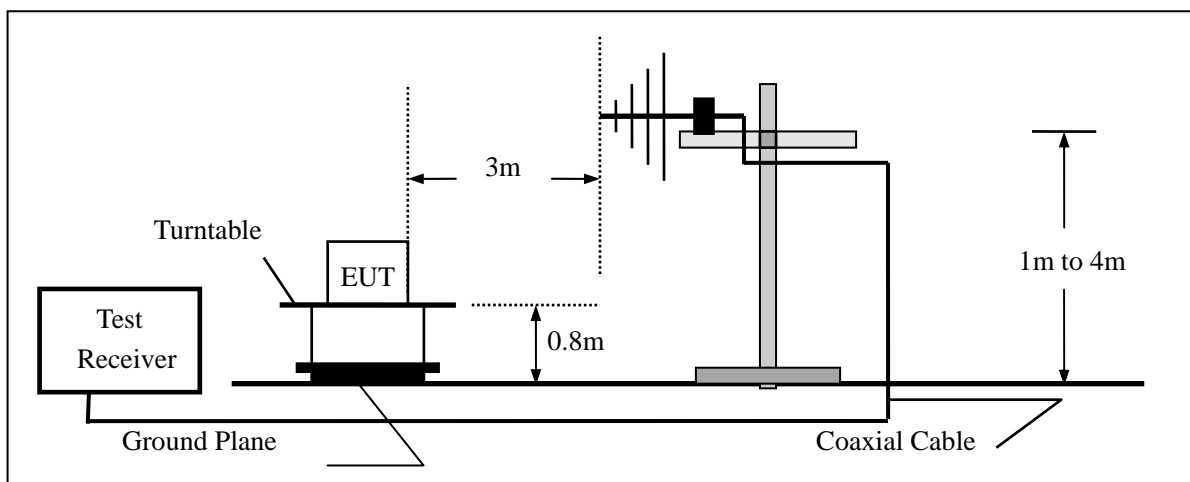
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above 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*RBW
 Sweep = auto
 Detector function = QP
 Trace = max hold

6.2. 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



6.3. Measurement Equipment Used

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	05/18/2019	05/17/2020
Pre-Amplifier	HP	8447D	2944A07999	05/18/2019	05/17/2020
Bilog Antenna	Schwarzbeck	VULB9163	142	05/18/2019	05/17/2020
Loop Antenna	ARA	PLA-1030/B	1029	05/18/2019	05/17/2020
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170399	05/18/2019	05/17/2020
Horn Antenna	Schwarzbeck	BBHA 9120	D143	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	ACRX1	05/18/2019	05/17/2020
Cable	Rosenberger	N/A	FP2RX2	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	CRPX1	05/18/2019	05/17/2020
Cable	Schwarzbeck	AK9513	CRRX2	05/18/2019	05/17/2020

6.4. 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

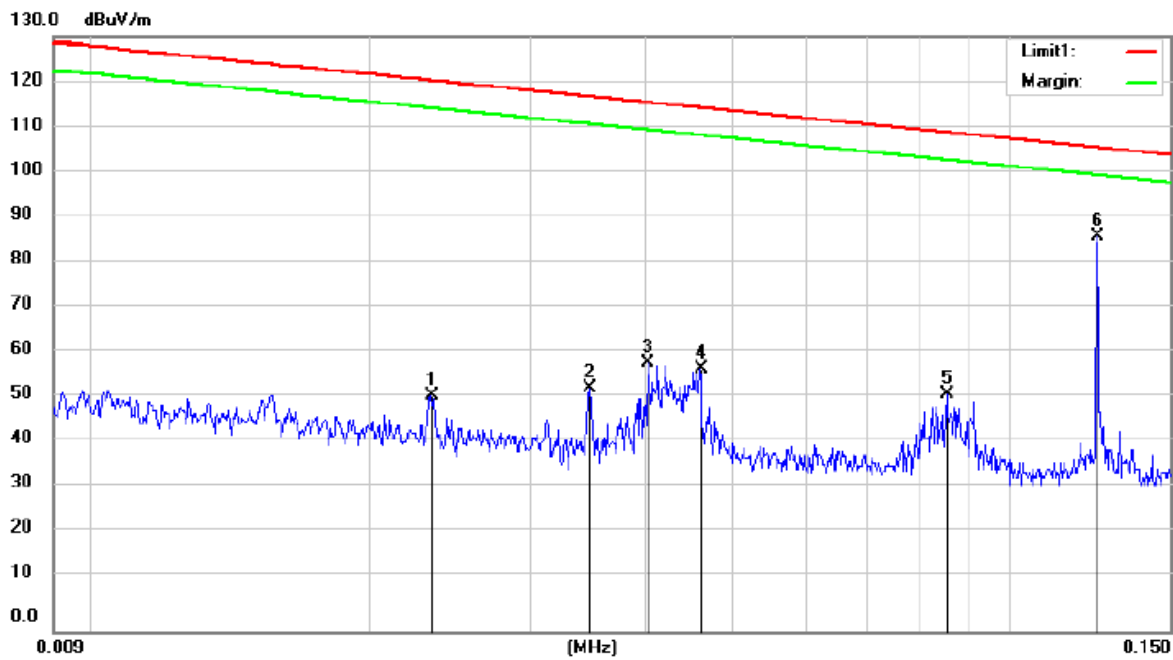
15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 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	(²)

- 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 ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

6.5.Measurement Result

9KHz-150KHz:



Site 3m Chamber #3

Polarization: X

Temperature: 25.1 C

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

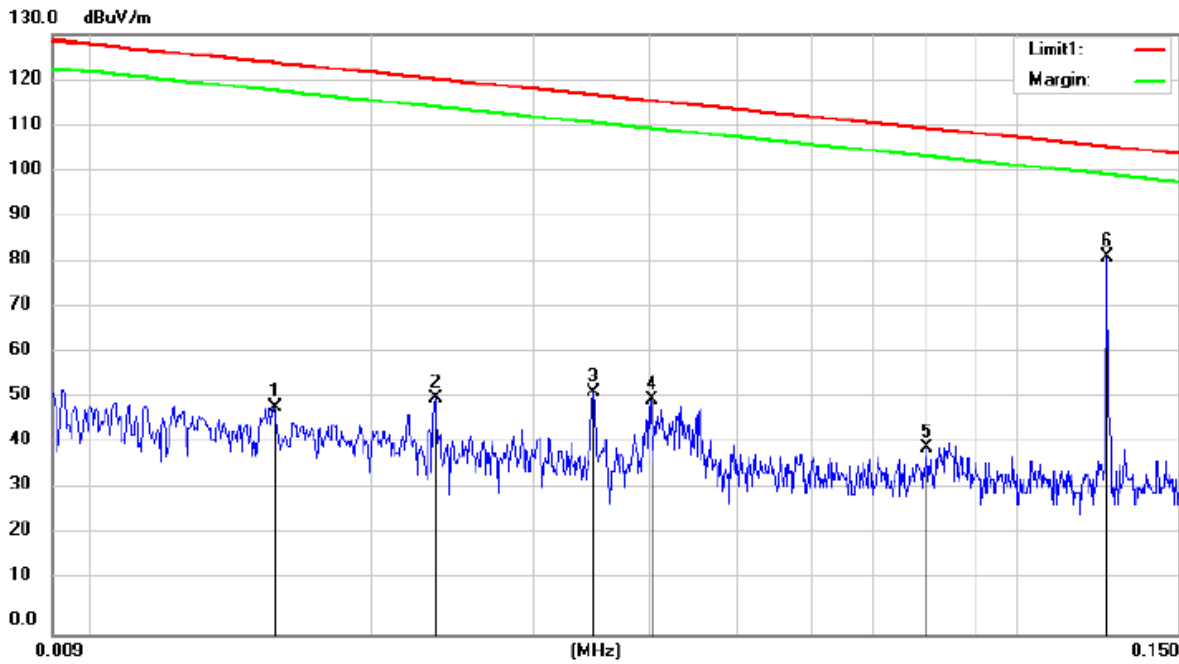
Power: AC 120V/60Hz

Humidity: 38 %

Mode:Wireless Charging(100%Load)

Note:

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		0.0233	31.14	20.45	51.59	120.24	-68.65	QP		
2		0.0348	32.49	20.65	53.14	116.76	-63.62	QP		
3		0.0401	37.83	20.73	58.56	115.53	-56.97	QP		
4		0.0460	36.65	20.83	57.48	114.34	-56.86	QP		
5		0.0855	31.62	20.31	51.93	108.96	-57.03	QP		
6	*	0.1250	65.74	20.60	86.34	105.66	-19.32	QP		



Site 3m Chamber #3

Polarization: Y

Temperature: 25.1 C

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

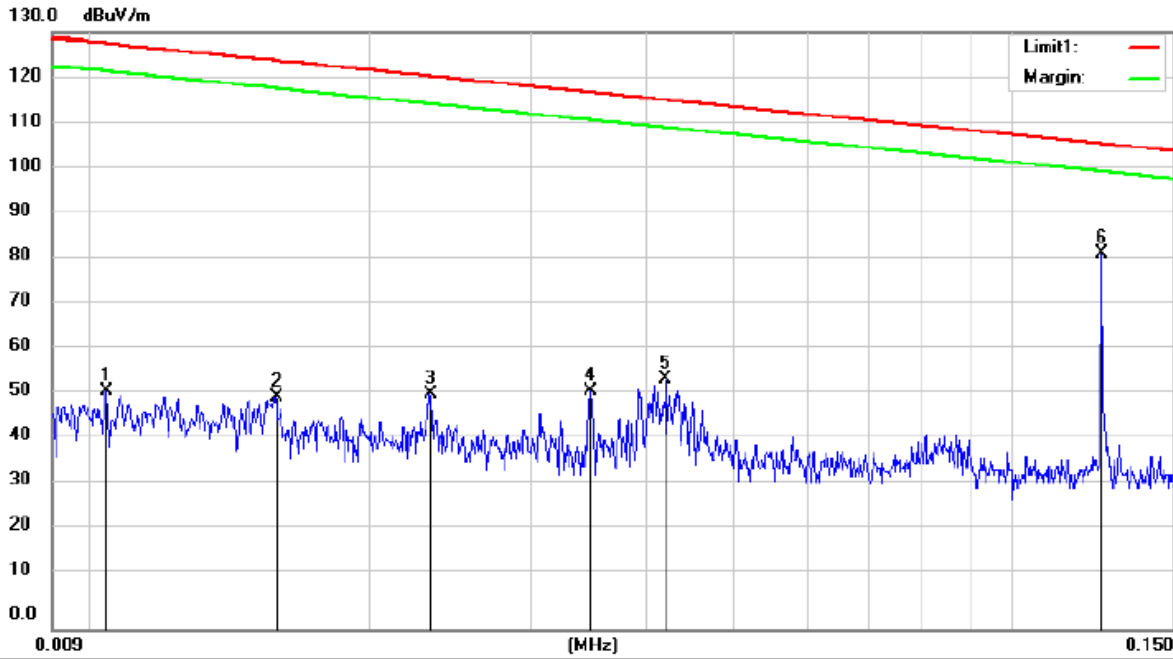
Power: AC 120V/60Hz

Humidity: 38 %

Mode: Wireless Charging(100%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 degree	Detector	Comment
1		0.0156	28.86	20.49	49.35	123.72	-74.37			QP	
2		0.0234	30.81	20.46	51.27	120.21	-68.94			QP	
3		0.0348	31.93	20.65	52.58	116.76	-64.18			QP	
4		0.0401	30.09	20.73	50.82	115.53	-64.71			QP	
5		0.0801	20.30	20.20	40.50	109.52	-69.02			QP	
6	*	0.1256	61.13	20.60	81.73	105.62	-23.89			QP	



Site 3m Chamber #3

Polarization: **Z**

Temperature: 25.1 C

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

Power: AC 120V/60Hz

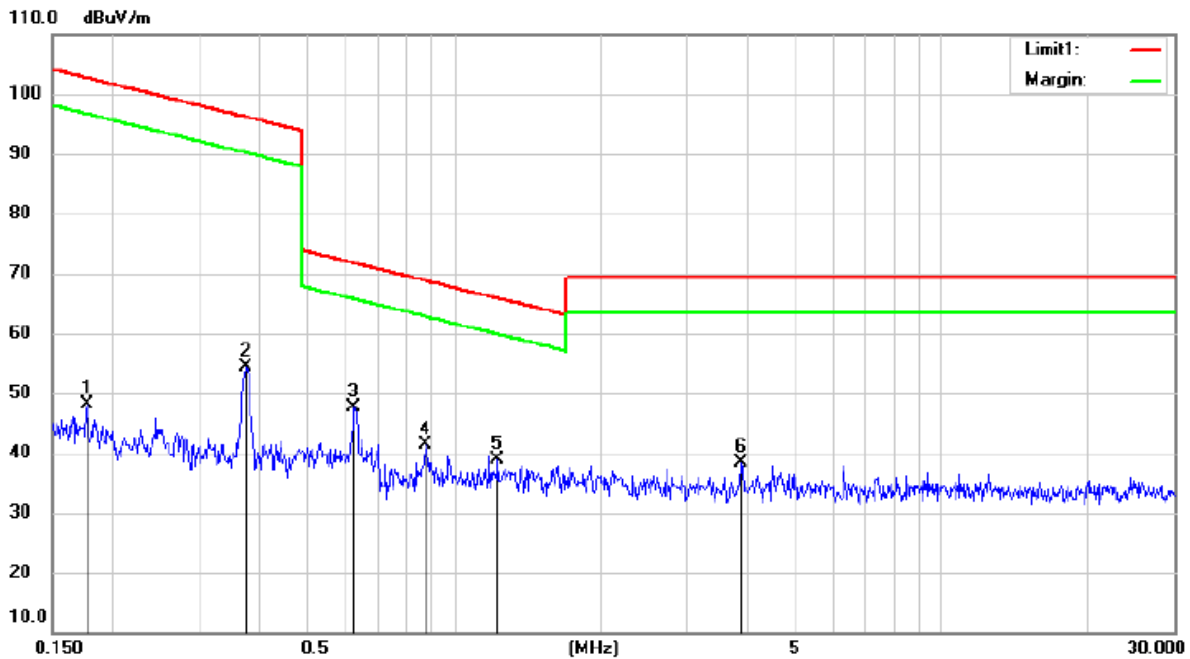
Humidity: 38 %

Mode:Wireless Charging(100%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		0.0103	31.21	20.59	51.80	127.33	-75.53	QP		
2		0.0157	30.03	20.49	50.52	123.67	-73.15	QP		
3		0.0232	30.68	20.45	51.13	120.28	-69.15	QP		
4		0.0348	31.32	20.65	51.97	116.76	-64.79	QP		
5		0.0420	33.78	20.77	54.55	115.13	-60.58	QP		
6	*	0.1256	61.13	20.60	81.73	105.62	-23.89	QP		

150KHz-30MHz:



Site 3m Chamber #3

Polarization: X

Temperature: 25.1 C

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

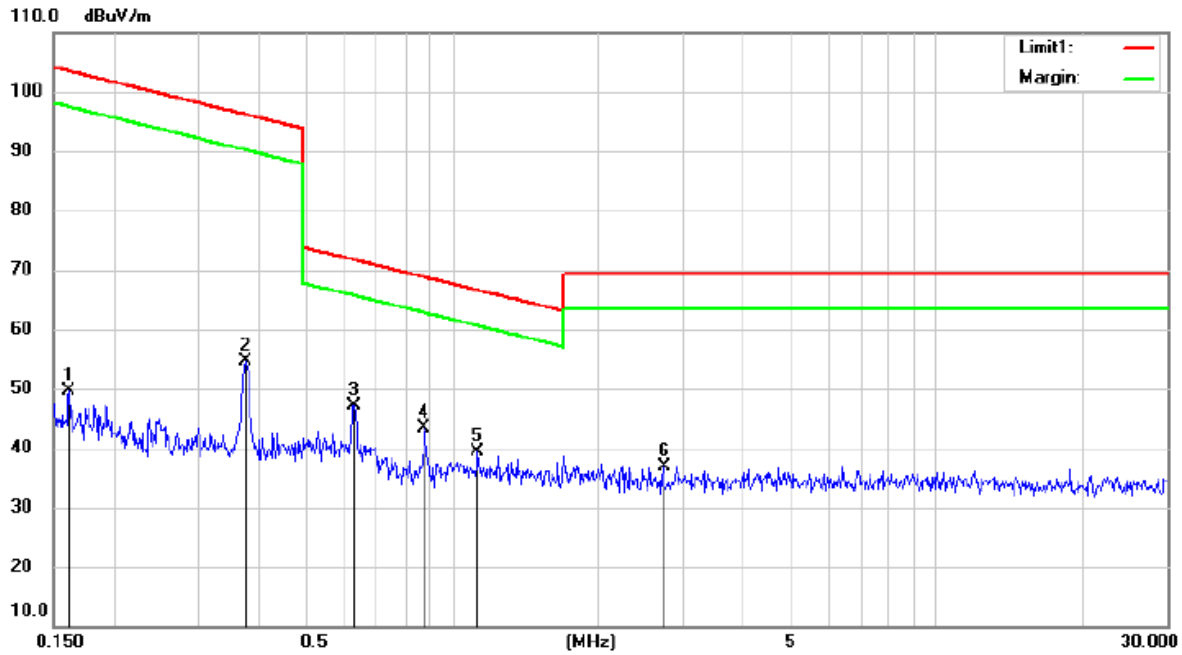
Power: AC 120V/60Hz

Humidity: 38 %

Mode:Wireless Charging(100%Load)

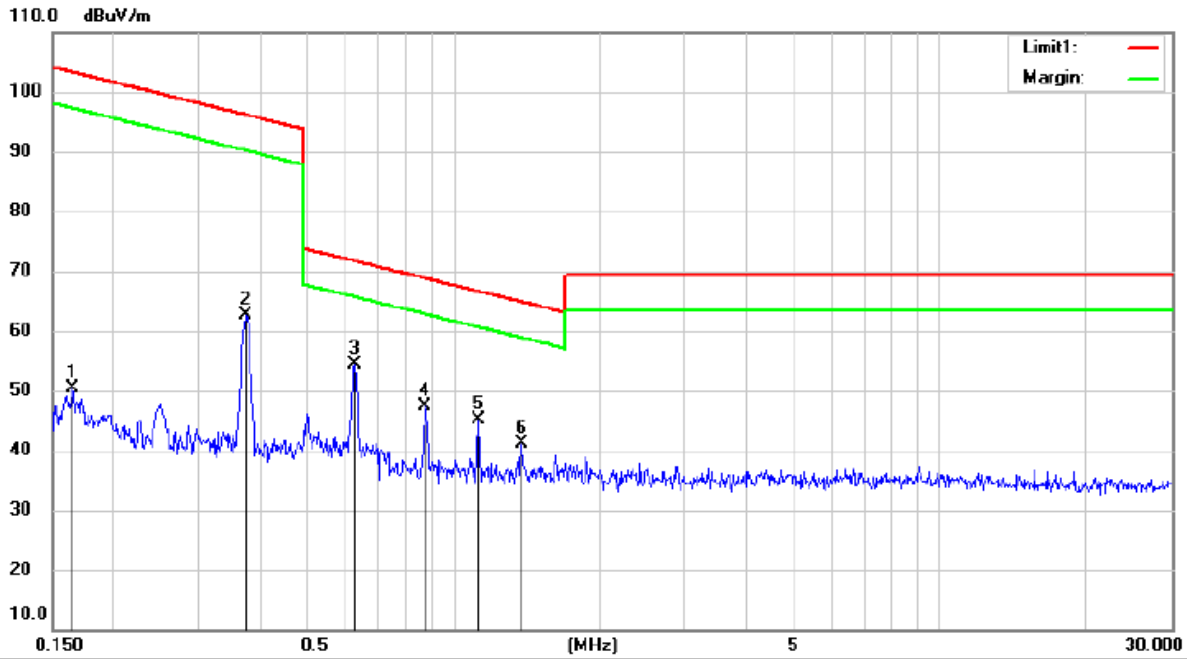
Note:

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		0.1768	27.49	20.65	48.14	102.65	-54.51	QP		
2		0.3751	33.57	20.80	54.37	96.12	-41.75	QP		
3	*	0.6238	26.84	20.75	47.59	71.71	-24.12	QP		
4		0.8757	20.68	20.70	41.38	68.77	-27.39	QP		
5		1.2291	18.28	20.63	38.91	65.83	-26.92	QP		
6		3.8808	18.28	20.14	38.42	69.50	-31.08	QP		



Site 3m Chamber #3 Polarization: **Y** Temperature: 25.1 C
 Limit: (RE)FCC PART 15.209(9K-30M) Power: AC 120V/60Hz Humidity: 38 %
 Mode: Wireless Charging(100%Load)
 Note:

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		0.1615	28.99	20.62	49.61	103.44	-53.83	QP			
2		0.3731	33.88	20.80	54.68	96.17	-41.49	QP			
3	*	0.6271	26.34	20.75	47.09	71.66	-24.57	QP			
4		0.8757	22.61	20.70	43.31	68.77	-25.46	QP			
5		1.1292	18.81	20.66	39.47	66.57	-27.10	QP			
6		2.7356	16.72	20.18	36.90	69.50	-32.60	QP			



Site 3m Chamber #3

Polarization: Z

Temperature: 25.1 C

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

Power: AC 120V/60Hz

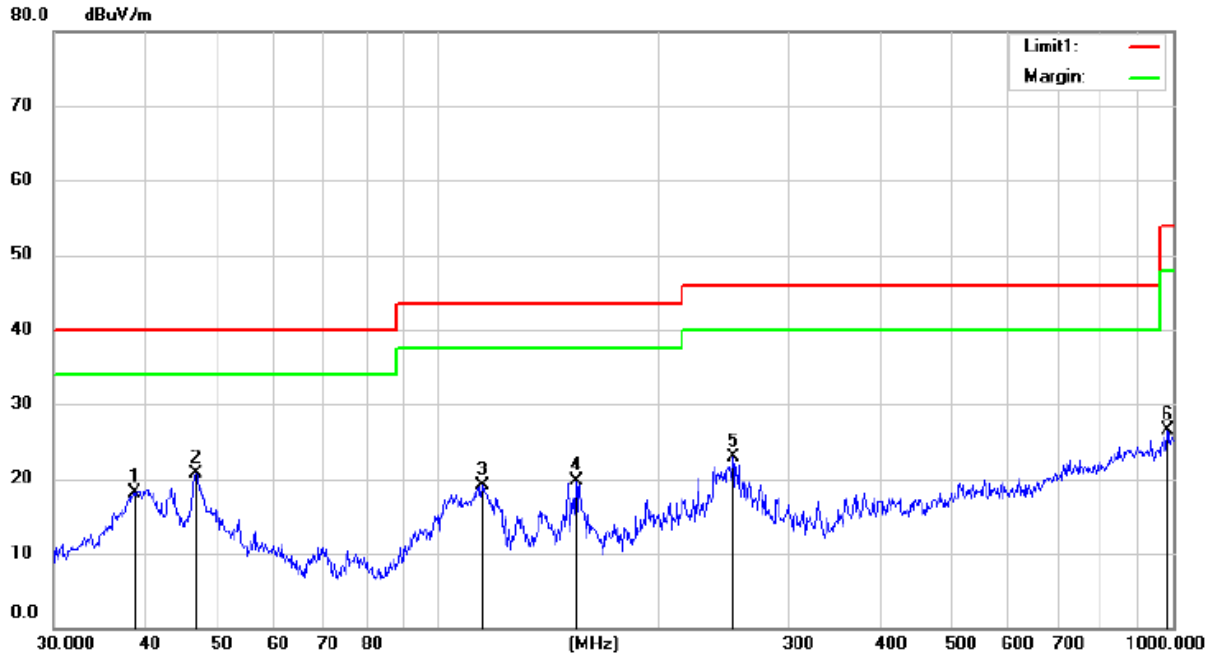
Humidity: 38 %

Mode: Wireless Charging(100%Load)

Note:

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		0.1650	29.67	20.63	50.30	103.25	-52.95	QP			
2		0.3751	41.90	20.80	62.70	96.12	-33.42	QP			
3	*	0.6271	33.57	20.75	54.32	71.66	-17.34	QP			
4		0.8756	26.65	20.70	47.35	68.77	-21.42	QP			
5		1.1292	24.58	20.66	45.24	66.57	-21.33	QP			
6		1.3810	20.53	20.59	41.12	64.83	-23.71	QP			

30MHz-1GHz:



Site 3m Chamber #3

Polarization: *Horizontal*

Temperature: 25.1 C

Limit: (RE)FCC PART 15 CLASS B

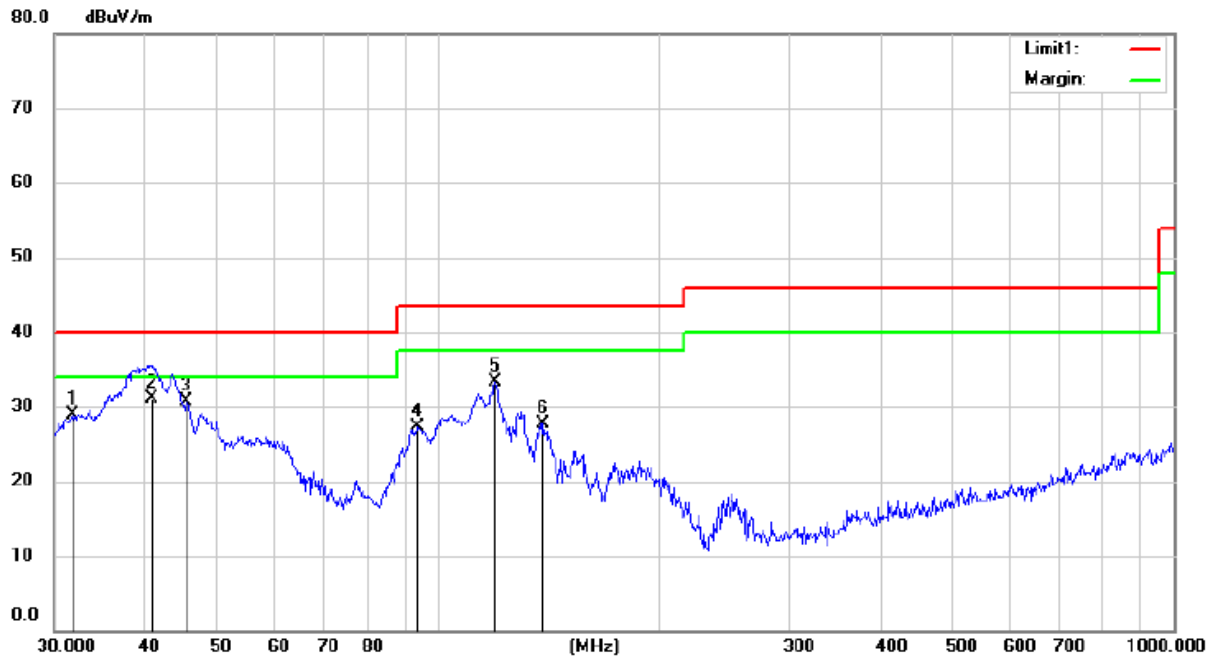
Power: AC 120V/60Hz

Humidity: 38 %

Mode: Wireless Charging(100% 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	Detector	Comment
1		38.8470	49.50	-31.32	18.18	40.00	-21.82			QP	
2	*	46.9290	50.53	-29.74	20.79	40.00	-19.21			QP	
3		114.9572	50.41	-31.26	19.15	43.50	-24.35			QP	
4		154.3327	53.72	-34.07	19.65	43.50	-23.85			QP	
5		252.7708	52.34	-29.43	22.91	46.00	-23.09			QP	
6		985.0350	39.60	-13.15	26.45	54.00	-27.55			QP	



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 25.1 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 38 %

Mode:Wireless Charging(100%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		31.8651	61.75	-32.77	28.98	40.00	-11.02	QP		
2	*	40.7445	62.37	-31.17	31.20	40.00	-8.80	QP		
3		45.4870	60.81	-30.07	30.74	40.00	-9.26	QP		
4		93.8672	60.06	-32.72	27.34	43.50	-16.16	QP		
5		119.5200	65.15	-31.86	33.29	43.50	-10.21	QP		
6		139.0684	61.56	-33.93	27.63	43.50	-15.87	QP		

7. PHOTOGRAPHS

7.1. Photos of Power Line Conducted Emission Measurement



7.2.Photos of Radiation Emission Measurement



-----The end-----