

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

Portable Rechargeable Bluetooth Speaker System with Qi Wireless Charging

MODEL No.: iBTW750, iBTW750X (X denote different cabinet color)

Trademark: iHome

FCC ID: EMOIBTW750

REPORT NO.: ES190417997W01

ISSUE DATE: May 19, 2019

Prepared for

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

Prepared by

EMTEK (SHENZHEN) CO., LTD.

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

TABLE OF CONTENT

Test Report Description	Page
1. SUMMARY OF TEST RESULTS.....	5
2. GENERAL INFORMATION	6
2.1. Description of Device (EUT)	6
2.2. Input / Output Ports.....	6
2.3. Independent Operation Modes	7
2.4. Test Manner	7
2.5. Description of Test Facility	7
2.6. Test Software	7
2.7. Description of Support Device	8
2.8. Measurement Uncertainty.....	8
3. MEASURING DEVICE AND TEST EQUIPMENT	9
3.1. Conducted Emission Test Equipment.....	9
3.2. For 3m Radiated Emission Measurement 9K-30M (3m chamber 1#).....	9
3.3. For 3m Radiated Emission Measurement 30M-1G (3m chamber 1#).....	9
4. 20DB BANDWIDTH	10
4.1. Test Procedure.....	10
4.2. Test Results	10
5. POWER LINE CONDUCTED EMISSION MEASUREMENT	11
5.1. Block Diagram of Test Setup	11
5.2. Limits.....	11
5.3. Test Procedure.....	11
5.4. Measuring Results	12
6. RADIATED EMISSION TEST.....	15
6.1. Measurement Procedure	15
6.2. Test SET-UP (Block Diagram of Configuration).....	15
6.3. Measurement Equipment Used	16
6.4. Radiated Emission Limit	16
6.5. Measurement Result.....	18
7. PHOTOGRAPHS.....	26
7.1. Photos of Power Line Conducted Emission Measurement	26
7.2. Photos of Radiation Emission Measurement	26

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 : Huizhou Speed Wireless Technology Co., Ltd.
No. SX-01-02 Shangxia Section, Hi-tech District of East-river, Huizhou
Guangdong P.R. China

Trade Mark : iHome

EUT : Portable Rechargeable Bluetooth Speaker System with Qi Wireless
Charging

Model No. : iBTW750, iBTW750X (X 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 : April 23, 2019 to May 14, 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	ES190417997W01	/	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 : Portable Rechargeable Bluetooth Speaker System with Qi Wireless Charging

Model Number : iBTW750, iBTW750X (X denote different cabinet color)

Power Rating : ☒ Wireless Charger: Support WPT 5W
☒ DC 3.7V from battery
☒ DC 5V from adapter
Model: S012C0502300U
Input: 100-240V~, 50/60Hz, Max 400mA
Output: DC 5V, 2300mA

Operation : 110KHz-205KHz
Frequency for WPT

Modulation : ASK

Antenna Type: : Integral Antenna(Induction coil)

Date of Received : April 23, 2019

Date of Test : April 23, 2019 to May 14, 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. Charging for iPhone by WPT(Full load)

2.4. Test Manner

Test Items	Test Voltage	Operation 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.	iPhone	Apple	A1526	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	05/20/2018	05/19/2019
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	05/20/2018	05/19/2019
50Ω Coaxial Switch	Anritsu	MP59B	M20531	05/20/2018	05/19/2019
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	05/20/2018	05/19/2019
Voltage Probe	Rohde & Schwarz	TK9416	N/A	05/20/2018	05/19/2019
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	05/20/2018	05/19/2019

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	05/20/2018	05/19/2019
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	05/20/2018	05/19/2019
Cable		3M SF104-26.5	295838/4	05/20/2018	05/19/2019
Cable		6M SF104-26.5	295840/4	05/20/2018	05/19/2019

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

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	05/20/2018	05/19/2019
Pre-Amplifier	HP	8447F	2944A07999	05/20/2018	05/19/2019
Bilog Antenna	Schwarzbeck	VULB9163	142	05/20/2018	05/19/2019
Cable	Schwarzbeck	AK9513	ACRX1	05/20/2018	05/19/2019
Cable	Rosenberger	N/A	FP2RX2	05/20/2018	05/19/2019
Cable	Schwarzbeck	AK9513	CRPX1	05/20/2018	05/19/2019
Cable	Schwarzbeck	AK9513	CRRX2	05/20/2018	05/19/2019

4. 20DB BANDWIDTH

4.1. Test Procedure

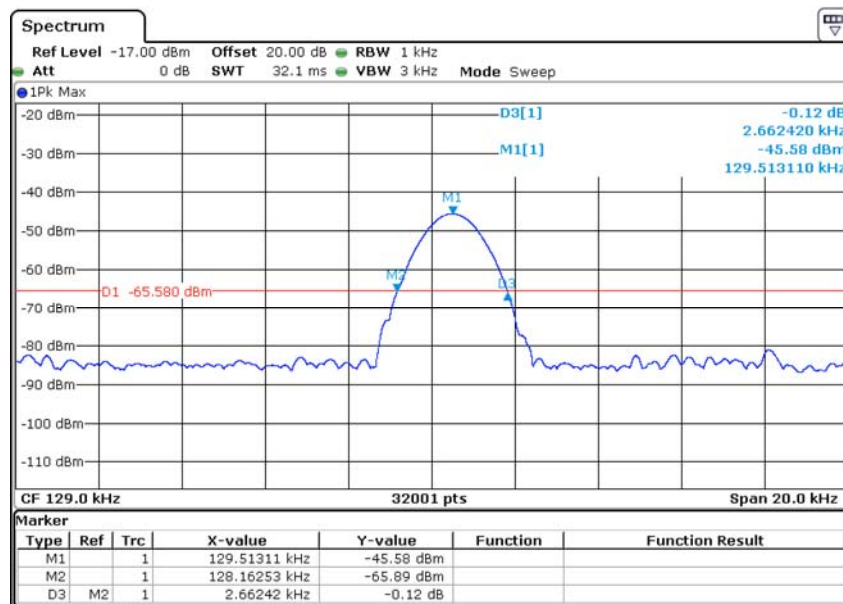
Set to the maximum power setting and enable the EUT transmit continuously
Set RBW = 3kHz.
Set the video bandwidth (VBW) =10kHz.
Set Span= 20KHz
Set Detector = Peak.
Set Trace mode = max hold.
Set Sweep = auto couple.
Measure and record the results in the test report.

4.2. Test Results

Temperature: 24 °C
Humidity: 53 %

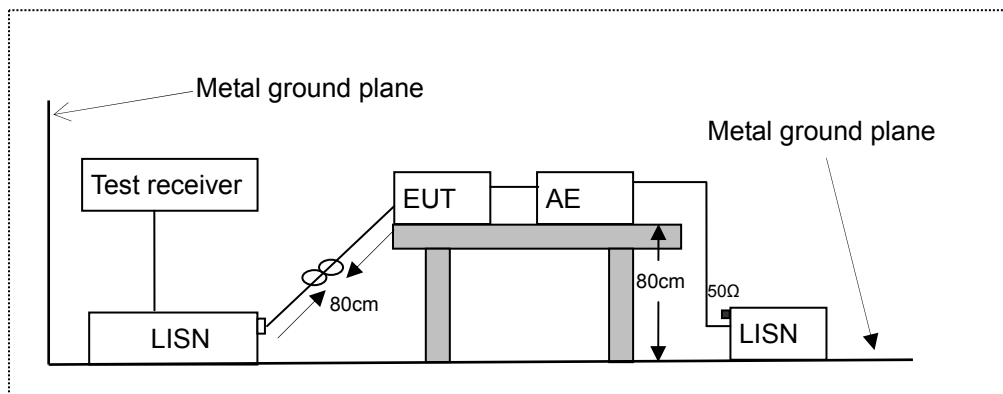
Test Date: May 04, 2019
Test By: KK

20dB Band=2.66kHz



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.

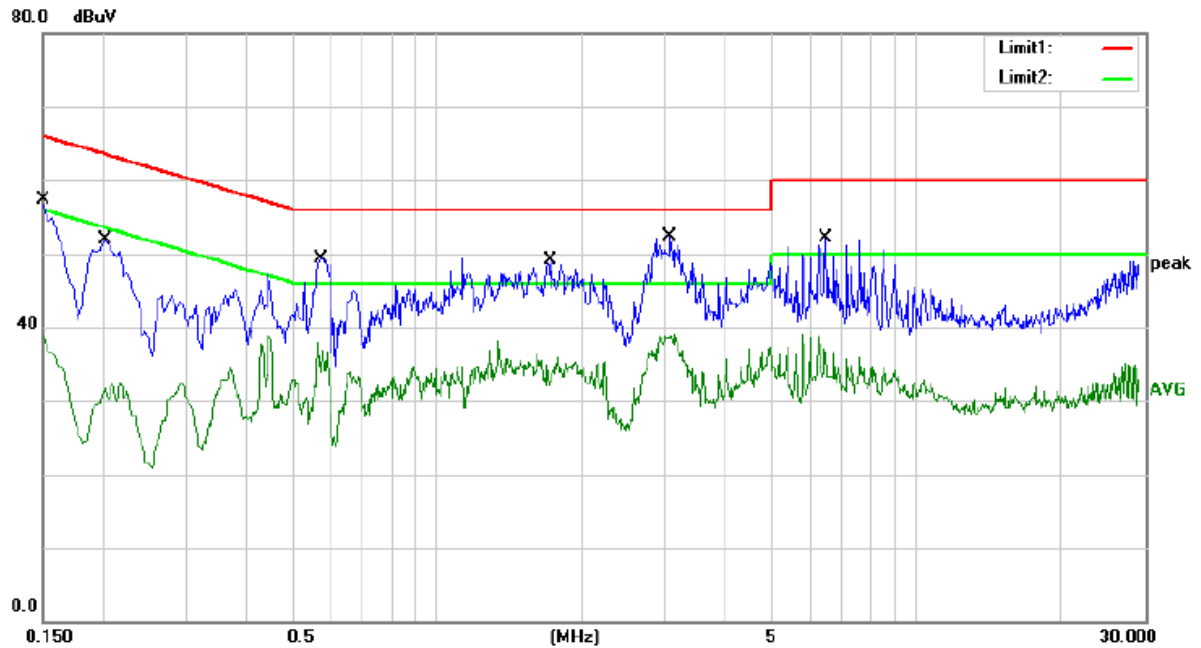
Test results were obtained from the following equation:

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 15.207_QP

Power: AC 120V/60Hz

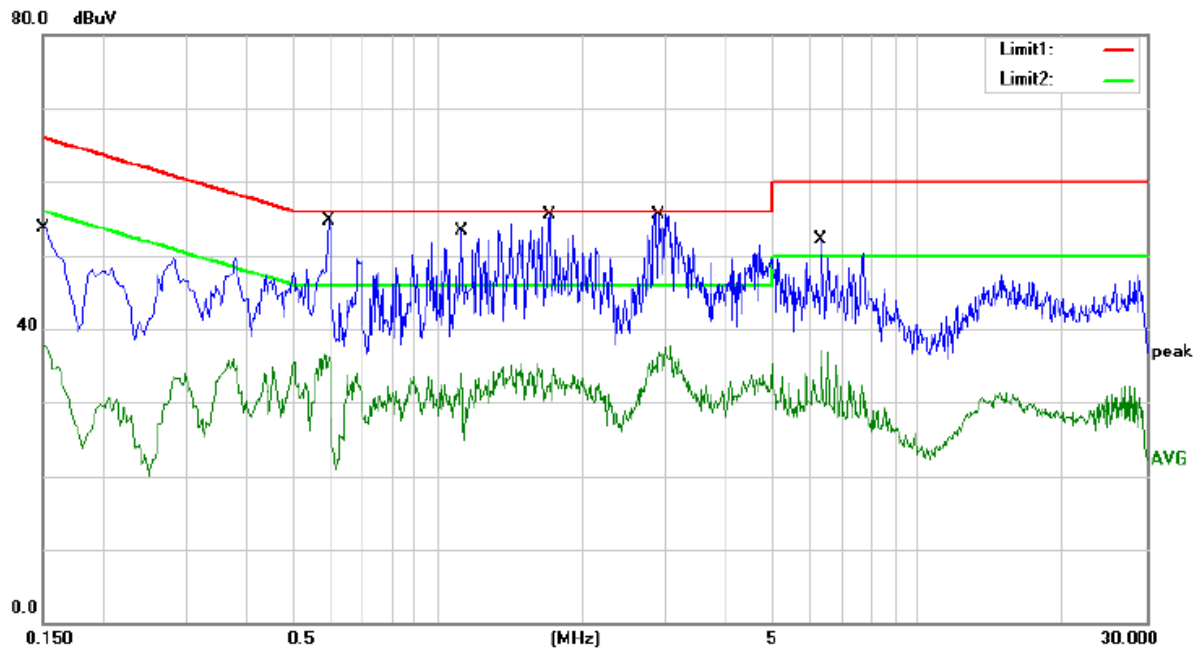
Humidity: 54 %

Mode: Charging for iPhone by WPT(Full load)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	47.72	9.67	57.39	66.00	-8.61	QP	
2		0.1500	29.40	9.67	39.07	56.00	-16.93	AVG	
3		0.2020	42.38	9.55	51.93	63.53	-11.60	QP	
4		0.2020	23.04	9.55	32.59	53.53	-20.94	AVG	
5	*	0.5740	39.83	9.57	49.40	56.00	-6.60	QP	
6		0.5740	29.27	9.57	38.84	46.00	-7.16	AVG	
7		1.7260	39.60	9.59	49.19	56.00	-6.81	QP	
8		1.7260	28.54	9.59	38.13	46.00	-7.87	AVG	
9		3.0580	35.98	9.62	45.60	56.00	-10.40	QP	
10		3.0580	29.50	9.62	39.12	46.00	-6.88	AVG	
11		6.4540	42.44	9.70	52.14	60.00	-7.86	QP	
12		6.4540	29.37	9.70	39.07	50.00	-10.93	AVG	

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



Site: Conduction #1

Phase: **N**

Temperature: 24.9

Limit: (CE)FCC PART 15.207_QP

Power: AC 120V/60Hz

Humidity: 54 %

Mode: Charging for iPhone by WPT(Full load)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	44.12	9.67	53.79	66.00	-12.21	QP	
2		0.1500	28.04	9.67	37.71	56.00	-18.29	AVG	
3		0.5940	38.83	9.57	48.40	56.00	-7.60	QP	
4		0.5940	26.92	9.57	36.49	46.00	-9.51	AVG	
5		1.1220	38.31	9.59	47.90	56.00	-8.10	QP	
6		1.1220	24.38	9.59	33.97	46.00	-12.03	AVG	
7	*	1.7140	40.51	9.59	50.10	56.00	-5.90	QP	
8		1.7140	25.78	9.59	35.37	46.00	-10.63	AVG	
9		2.8980	36.48	9.62	46.10	56.00	-9.90	QP	
10		2.8980	28.03	9.62	37.65	46.00	-8.35	AVG	
11		6.3100	42.38	9.70	52.08	60.00	-7.92	QP	
12		6.3100	27.35	9.70	37.05	50.00	-12.95	AVG	

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

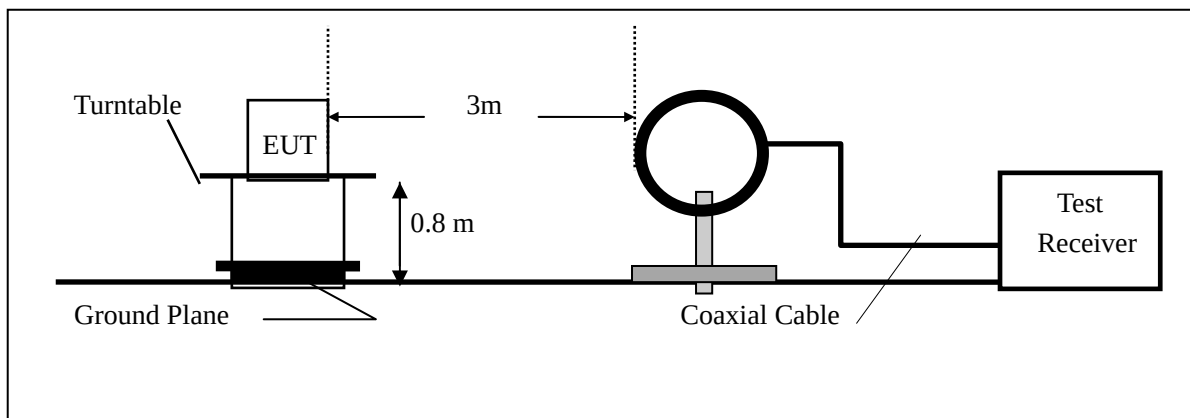
6. RADIATED EMISSION TEST

6.1. Measurement Procedure

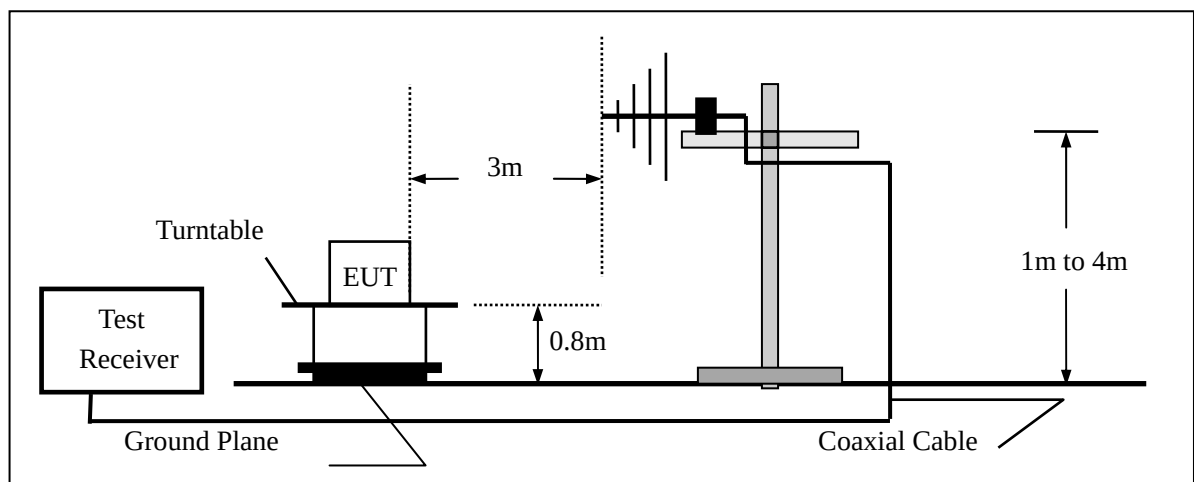
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above 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 $\geq 3 \times$ 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	05/20/2018	05/20/2019
Pre-Amplifier	HP	8447D	2944A07999	05/20/2018	05/20/2019
Bilog Antenna	Schwarzbeck	VULB9163	142	05/20/2018	05/20/2019
Loop Antenna	ARA	PLA-1030/B	1029	05/20/2018	05/20/2019
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170399	05/20/2018	05/20/2019
Horn Antenna	Schwarzbeck	BBHA 9120	D143	05/20/2018	05/20/2019
Cable	Schwarzbeck	AK9513	ACRX1	05/20/2018	05/20/2019
Cable	Rosenberger	N/A	FP2RX2	05/20/2018	05/20/2019
Cable	Schwarzbeck	AK9513	CRPX1	05/20/2018	05/20/2019
Cable	Schwarzbeck	AK9513	CRRX2	05/20/2018	05/20/2019

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

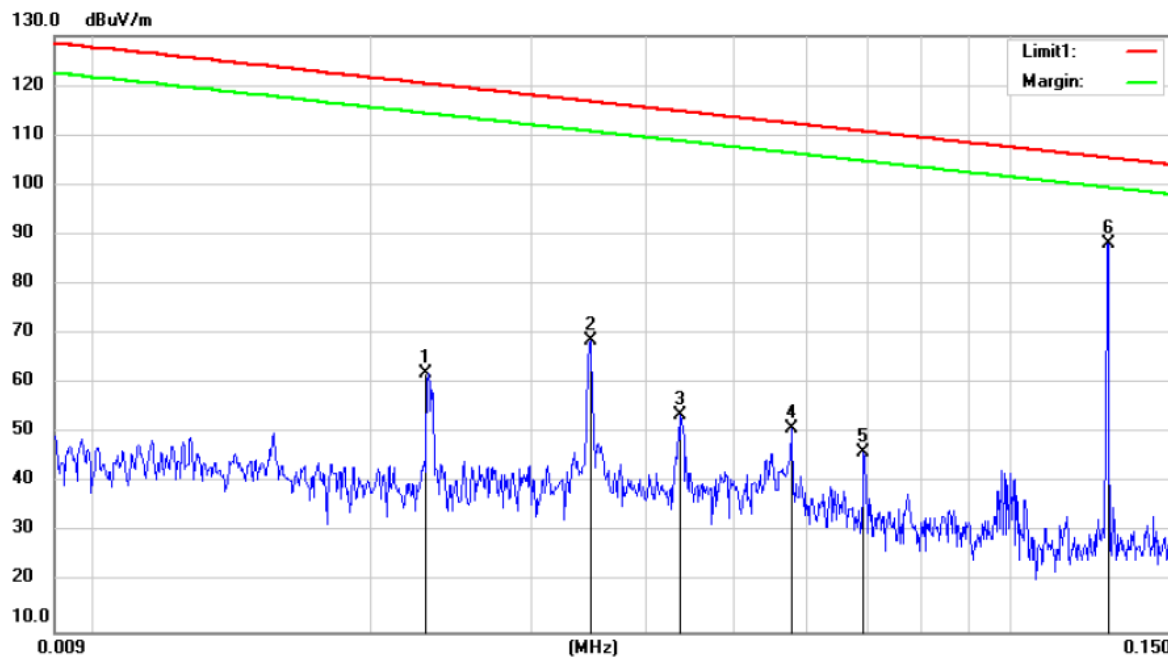
15.205 Restricted bands of operation

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

6.5.Measurement Result

9KHz-150KHz:



Site 3m Chamber 1#

Polarization: X

Temperature: 27 C

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

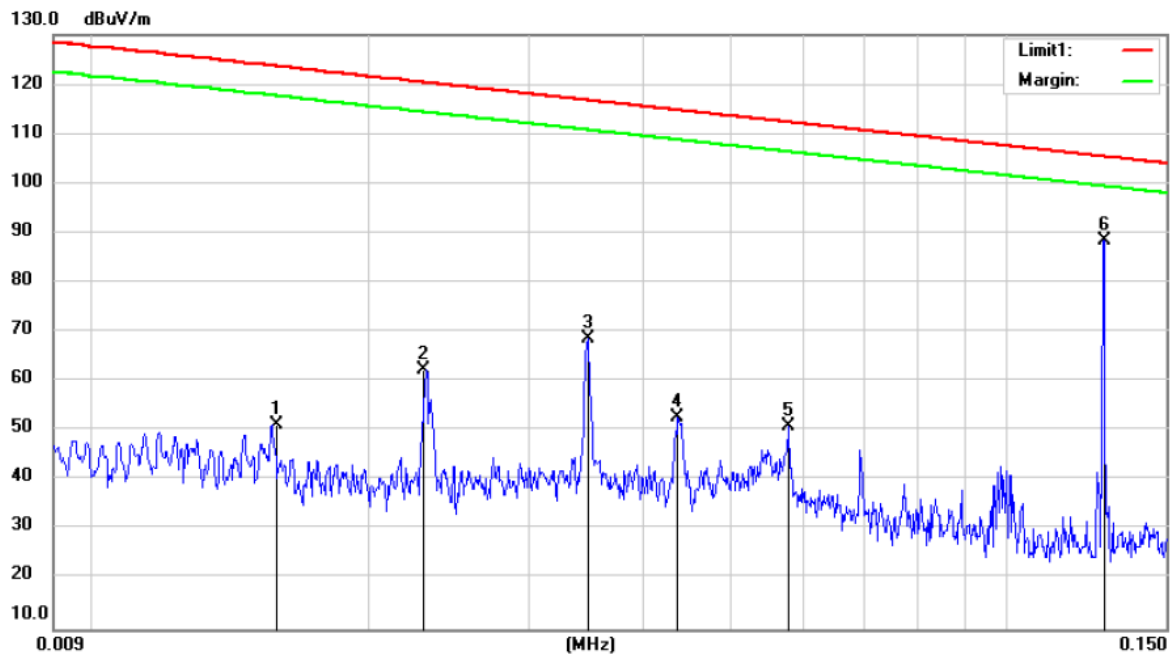
Power: AC 120V/60Hz

Humidity: 49 %

Mode:Charging for iPhone by WPT(Full load)

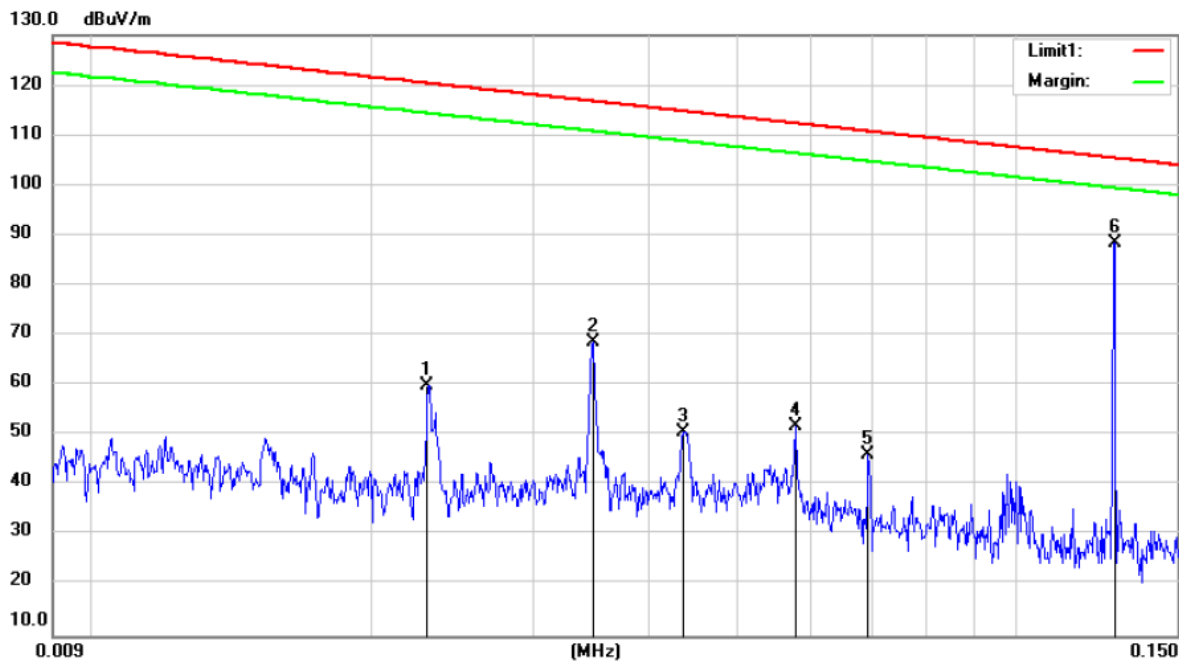
Note:

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		0.0230	41.50	20.45	61.95	120.35	-58.40	peak		
2		0.0347	48.13	20.64	68.77	116.78	-48.01	peak		
3		0.0436	32.74	20.79	53.53	114.80	-61.27	peak		
4		0.0576	30.21	20.66	50.87	112.39	-61.52	peak		
5		0.0691	25.97	20.29	46.26	110.81	-64.55	peak		
6	*	0.1281	67.59	20.60	88.19	105.45	-17.26	peak		



Site 3m Chamber 1# Polarization: **Y** Temperature: 27 C
 Limit: (RE)FCC PART 15.209(9K-30M) Power: AC 120V/60Hz Humidity: 49 %
 Mode:Charging for iPhone by WPT(Full 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		0.0156	30.63	20.49	51.12	123.72	-72.60	peak		
2		0.0230	42.02	20.45	62.47	120.35	-57.88	peak		
3		0.0347	47.97	20.64	68.61	116.78	-48.17	peak		
4		0.0436	32.02	20.79	52.81	114.80	-61.99	peak		
5		0.0576	30.21	20.66	50.87	112.39	-61.52	peak		
6	*	0.1281	67.79	20.60	88.39	105.45	-17.06	peak		



Site 3m Chamber 1#

Polarization: **Z**

Temperature: 27 C

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

Power: AC 120V/60Hz

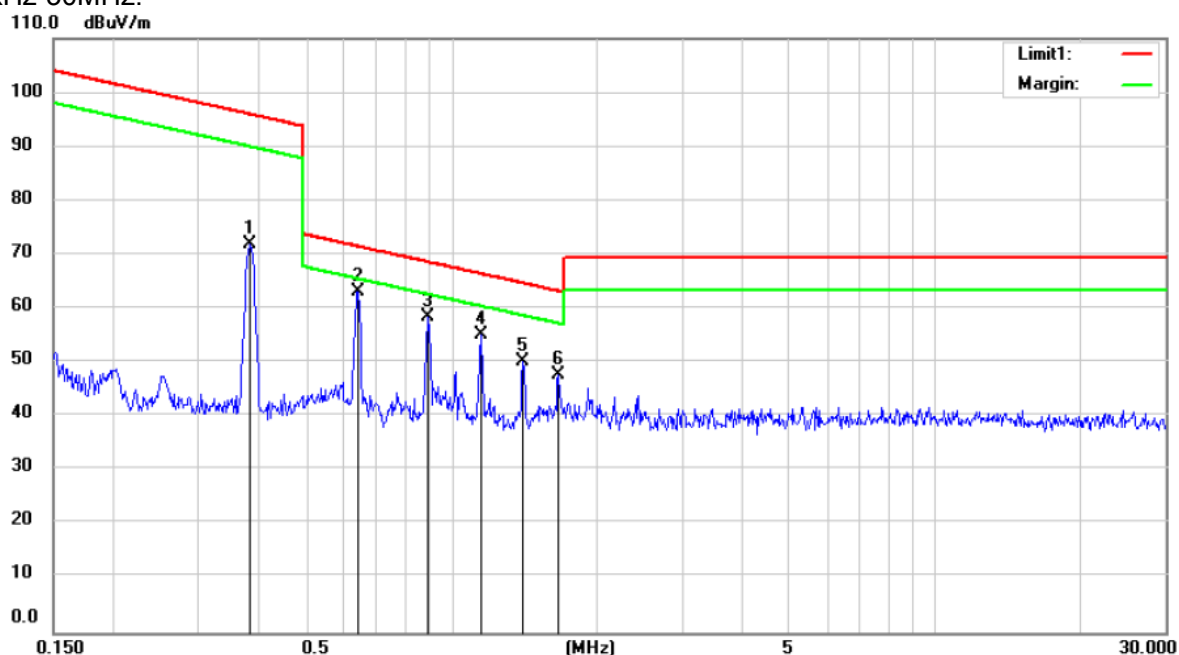
Humidity: 49 %

Mode: Charging for iPhone by WPT(Full 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		0.0230	39.59	20.45	60.04	120.35	-60.31	peak		
2		0.0347	48.05	20.64	68.69	116.78	-48.09	peak		
3		0.0434	29.98	20.79	50.77	114.84	-64.07	peak		
4		0.0576	31.16	20.66	51.82	112.39	-60.57	peak		
5		0.0691	25.90	20.29	46.19	110.81	-64.62	peak		
6	*	0.1281	67.79	20.60	88.39	105.45	-17.06	peak		

150KHz-30MHz:



Site 3m Chamber 1#

Polarization: X

Temperature: 27 C

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

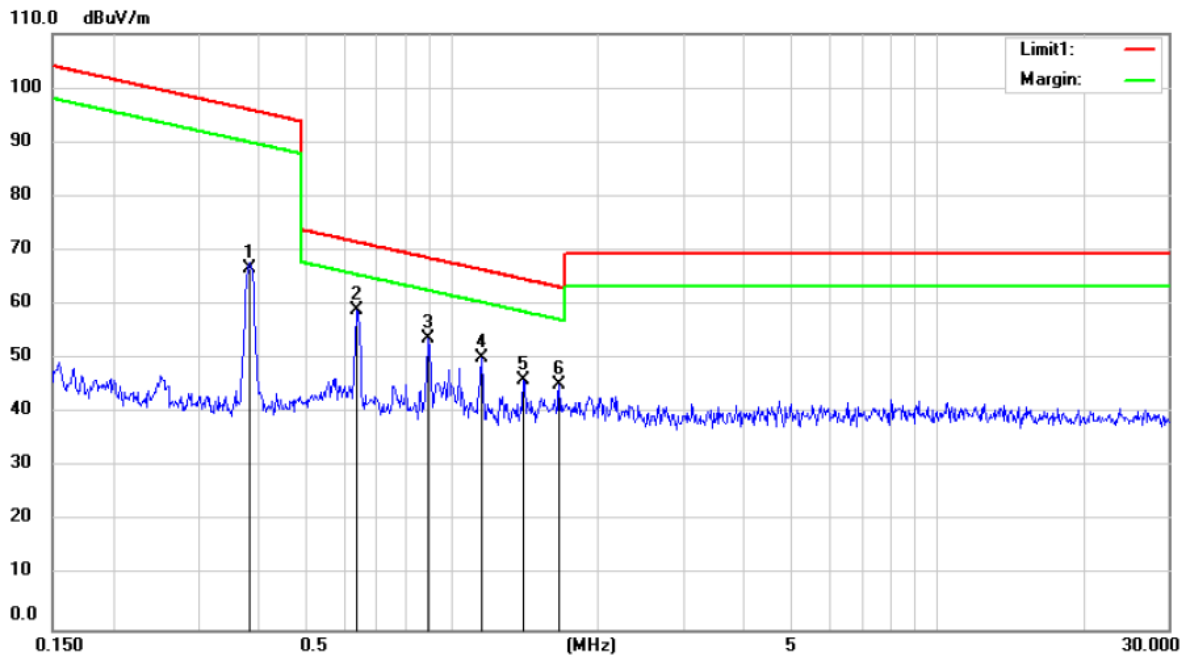
Power: AC 120V/60Hz

Humidity: 49 %

Mode:Charging for iPhone by WPT(Full 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		0.3831	51.04	20.80	71.84	95.94	-24.10	peak		
2	*	0.6405	42.42	20.74	63.16	71.48	-8.32	peak		
3		0.8944	37.74	20.70	58.44	68.59	-10.15	peak		
4		1.1473	34.48	20.66	55.14	66.43	-11.29	peak		
5		1.4032	29.74	20.58	50.32	64.69	-14.37	peak		
6		1.6624	27.22	20.50	47.72	63.22	-15.50	peak		



Site 3m Chamber 1#

Polarization: **Y**

Temperature: 27 C

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

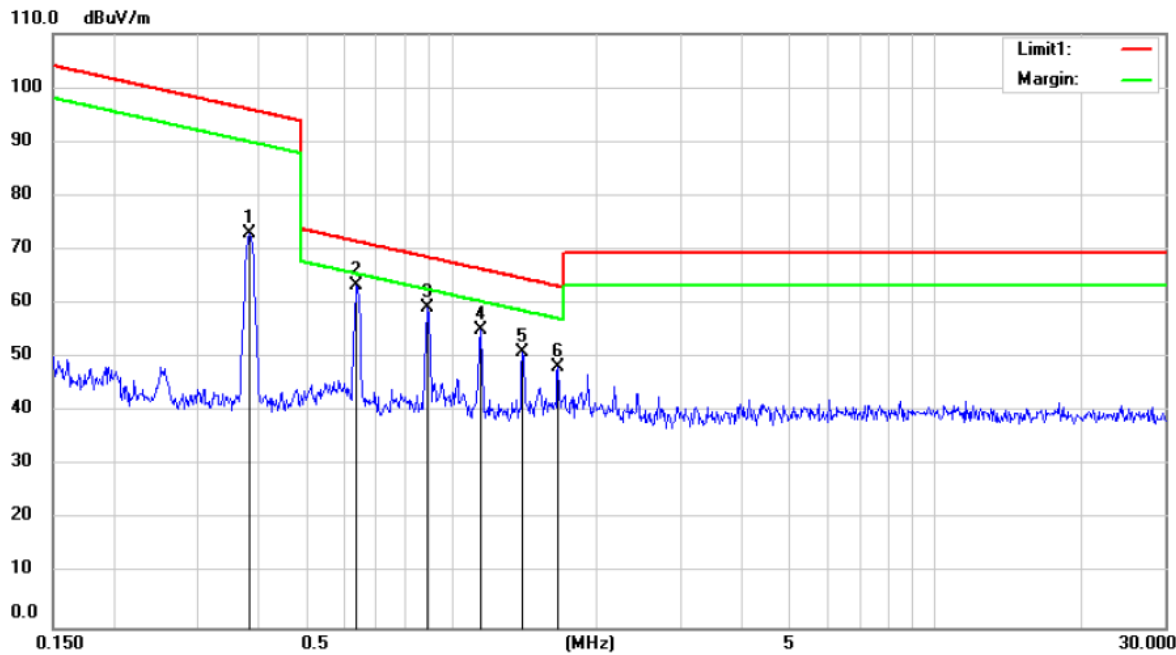
Power: AC 120V/60Hz

Humidity: 49 %

Mode:Charging for iPhone by WPT(Full 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		0.3791	45.94	20.80	66.74	96.03	-29.29	peak		
2	*	0.6371	38.22	20.75	58.97	71.53	-12.56	peak		
3		0.8944	33.04	20.70	53.74	68.59	-14.85	peak		
4		1.1473	29.55	20.66	50.21	66.43	-16.22	peak		
5		1.4032	25.54	20.58	46.12	64.69	-18.57	peak		
6		1.6624	24.71	20.50	45.21	63.22	-18.01	peak		



Site 3m Chamber 1#

Polarization: **Z**

Temperature: 27 C

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

Power: AC 120V/60Hz

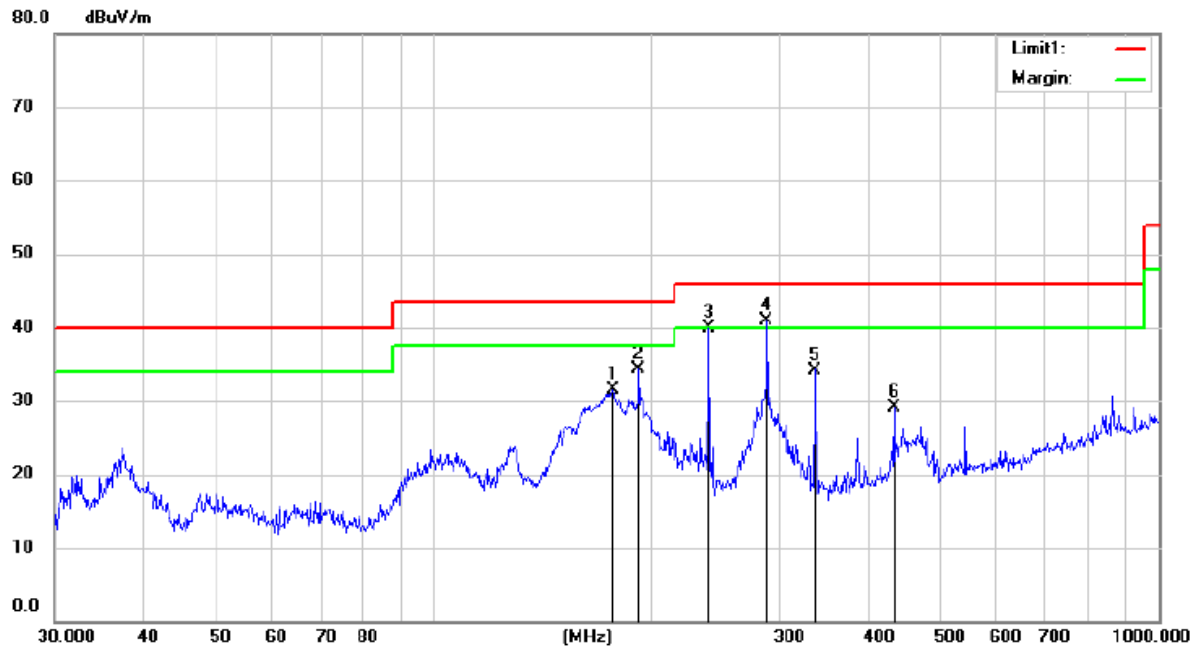
Humidity: 49 %

Mode:Charging for iPhone by WPT(Full 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		0.3831	52.16	20.80	72.96	95.94	-22.98	peak		
2	*	0.6371	42.77	20.75	63.52	71.53	-8.01	peak		
3		0.8944	38.58	20.70	59.28	68.59	-9.31	peak		
4		1.1473	34.59	20.66	55.25	66.43	-11.18	peak		
5		1.4032	30.42	20.58	51.00	64.69	-13.69	peak		
6		1.6624	27.80	20.50	48.30	63.22	-14.92	peak		

30MHz-1GHz:



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 25.1 C

Limit: (RE)FCC PART 15.209

Power: AC 120V/60Hz

Humidity: 38 %

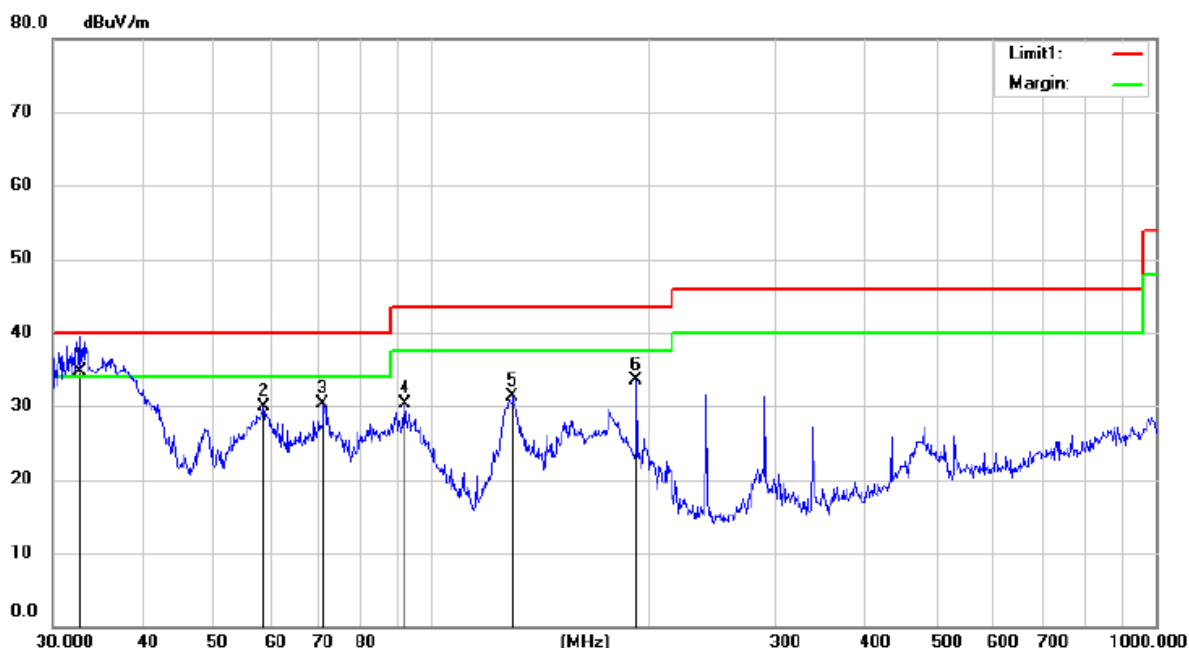
Mode: Charging for iPhone by WPT(Full load)

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		177.2603	49.04	-17.47	31.57	43.50	-11.93	QP		
2		191.9468	49.75	-15.46	34.29	43.50	-9.21	QP		
3		239.9873	53.97	-14.01	39.96	46.00	-6.04	QP		
4	*	287.9904	53.46	-12.60	40.86	46.00	-5.14	QP		
5		336.0351	46.57	-12.37	34.20	46.00	-11.80	QP		
6		432.0908	38.83	-9.79	29.04	46.00	-16.96	QP		

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

Operator: csl



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 25.1 C

Limit: (RE)FCC PART 15.209

Power: AC 120V/60Hz

Humidity: 38 %

Mode: Charging for iPhone by WPT(Full load)

Note:

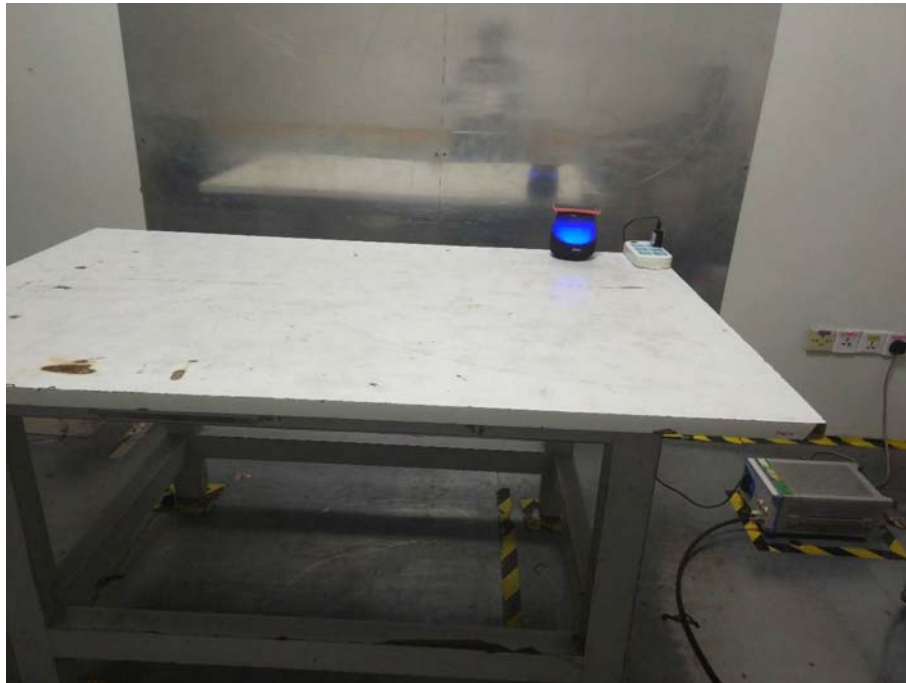
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	32.7831	51.63	-16.83	34.80	40.00	-5.20	QP		
2		58.6948	46.47	-16.48	29.99	40.00	-10.01	QP		
3		71.0554	48.52	-18.14	30.38	40.00	-9.62	QP		
4		91.9773	47.74	-17.50	30.24	43.50	-13.26	QP		
5		129.6494	48.47	-17.26	31.21	43.50	-12.29	QP		
6		192.0141	49.04	-15.46	33.58	43.50	-9.92	QP		

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

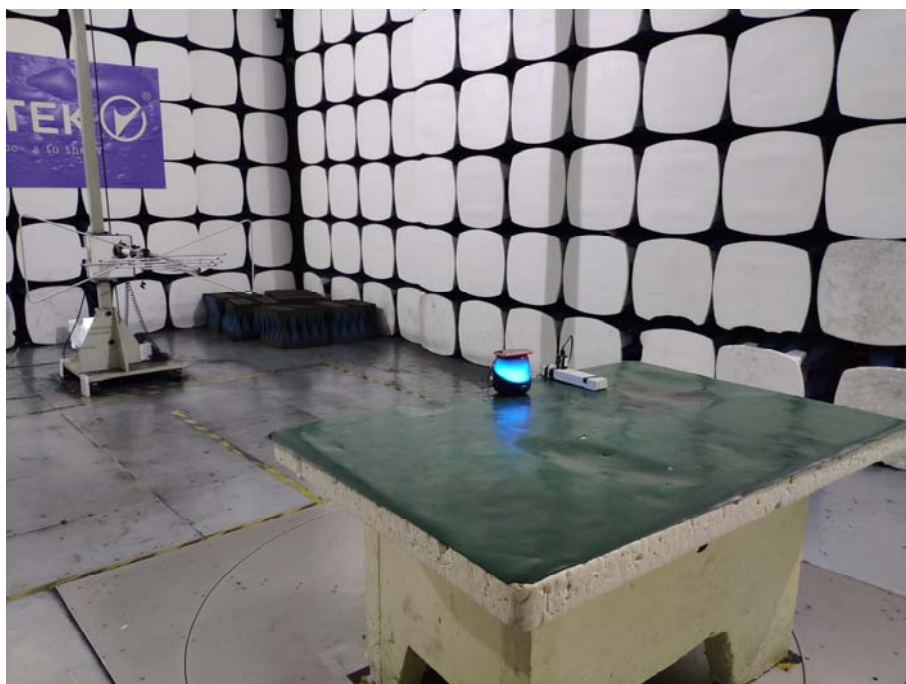
Operator: csl

7. PHOTOGRAPHS

7.1.Photos of Power Line Conducted Emission Measurement



7.2.Photos of Radiation Emission Measurement



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