

TEST REPORT

Product Name : ESR HaloLock Kickstand Wireless Charger
Model Number : 2C515
FCC ID : 2APEW-2C515

Prepared for : Electronic Silk Road (Shenzhen) Tech Co., Ltd
Address : Room 501, Building 13B, Taihua Wutong Industrial Park, Hangcheng Street, Sanwei Subdistrict, Baoan District, Shenzhen

Prepared by : EMTEK (DONGGUAN) CO., LTD.
Address : -1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

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Report Number : ES210118012W
Date(s) of Tests : January 18, 2021 to January 26, 2021
Date of issue : January 26, 2021

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TEST REPORT DESCRIPTION

Applicant : Electronic Silk Road (Shenzhen) Tech Co., Ltd
Address : Room 501, Building 13B, Taihua Wutong Industrial Park, Hangcheng Street, Sanwei Subdistrict, Baoan District, Shenzhen
Manufacturer : Electronic Silk Road (Shenzhen) Tech Co., Ltd
Address : Room 501, Building 13B, Taihua Wutong Industrial Park, Hangcheng Street, Sanwei Subdistrict, Baoan District, Shenzhen
EUT : ESR HaloLock Kickstand Wireless Charger
Model Name : 2C515
Trademark : ESR

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C	PASS

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 : January 18, 2021 to January 26, 2021

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	ES210118012W	/	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 : ESR HaloLock Kickstand Wireless Charger

Model Number : 2C515

Input : DC 5V/9V from Adapter

Operation : 110KHz-205KHz
Frequency for WPT

Modulation : ASK

Antenna Type: : Induction Coil antenna

Date of Received : January 18, 2021

Date of Test : January 18, 2021 to January 26, 2021

2.2. Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
1	Enclosure	N/E	--	--	None
2	DC IN port	I/O	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, 2018.11.30
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
Designation Number: CN1204
Test Firm Registration Number: 882943

Accredited by Industry Canada, November 09, 2018
The Certificate Registration Number is 4480A.

Accredited by A2LA, August 08, 2018
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.	Adapter	Aohal	A&A-050200U-US1	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	05/22/2020	05/21/2021
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	05/22/2020	05/21/2021
50Ω Coaxial Switch	Anritsu	MP59B	M20531	05/22/2020	05/21/2021
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	05/22/2020	05/21/2021
Voltage Probe	Rohde & Schwarz	TK9416	N/A	05/22/2020	05/21/2021
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	05/22/2020	05/21/2021

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	05/22/2020	05/21/2021
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	05/22/2020	05/21/2021
Cable		3M SF104-26.5	295838/4	05/22/2020	05/21/2021
Cable		6M SF104-26.5	295840/4	05/22/2020	05/21/2021

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	05/22/2020	05/21/2021
Pre-Amplifier	HP	8447F	2944A07999	05/22/2020	05/21/2021
Bilog Antenna	Schwarzbeck	VULB9163	142	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	ACRX1	05/22/2020	05/21/2021
Cable	Rosenberger	N/A	FP2RX2	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	CRPX1	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	CRRX2	05/22/2020	05/21/2021

4. 20DB BANDWIDTH

4.1. Test Procedure

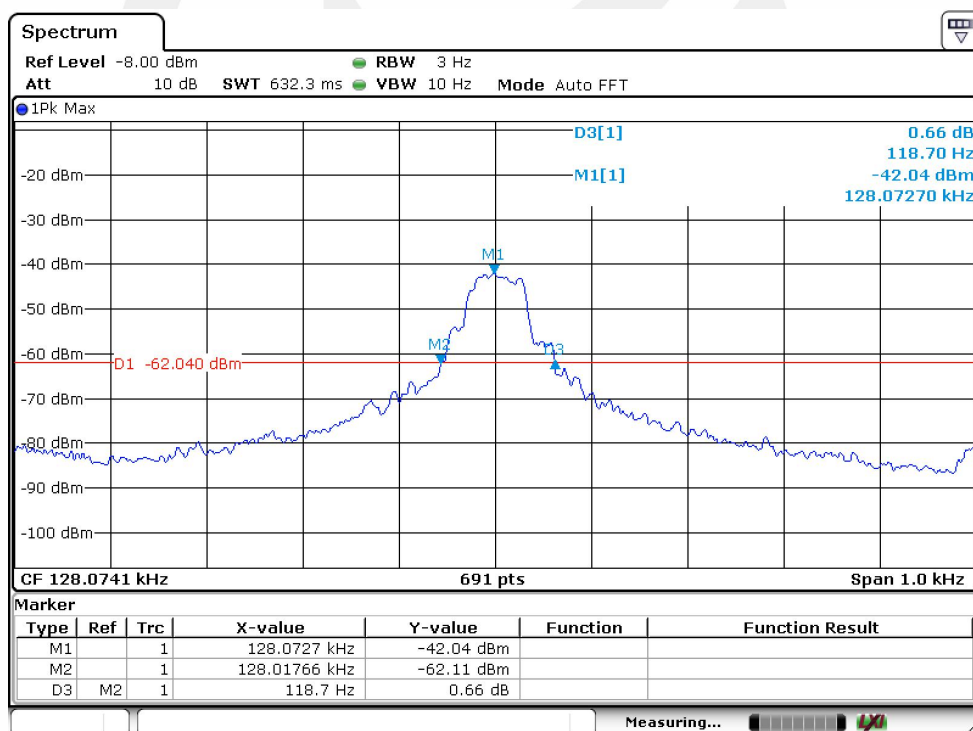
Set to the maximum power setting and enable the EUT transmit continuously
Set RBW = 3Hz.
Set the video bandwidth (VBW) = 10kHz.
Set Span= 1KHz
Set Detector = Peak.
Set Trace mode = max hold.
Set Sweep = auto couple.
Measure and record the results in the test report.

4.2. Test Results

Temperature: 24℃
Humidity: 53 %

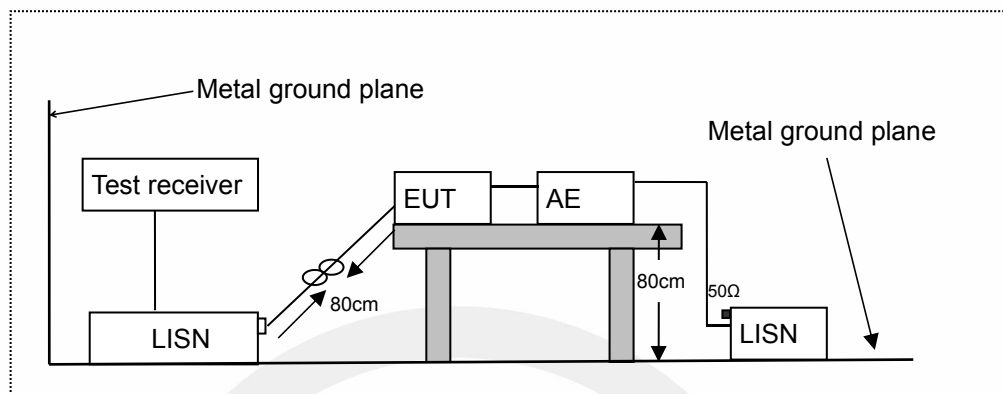
Test Date: 01/19/2021
Test By: KK

20dB Band=118.7Hz



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 (dBμV)	
	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:

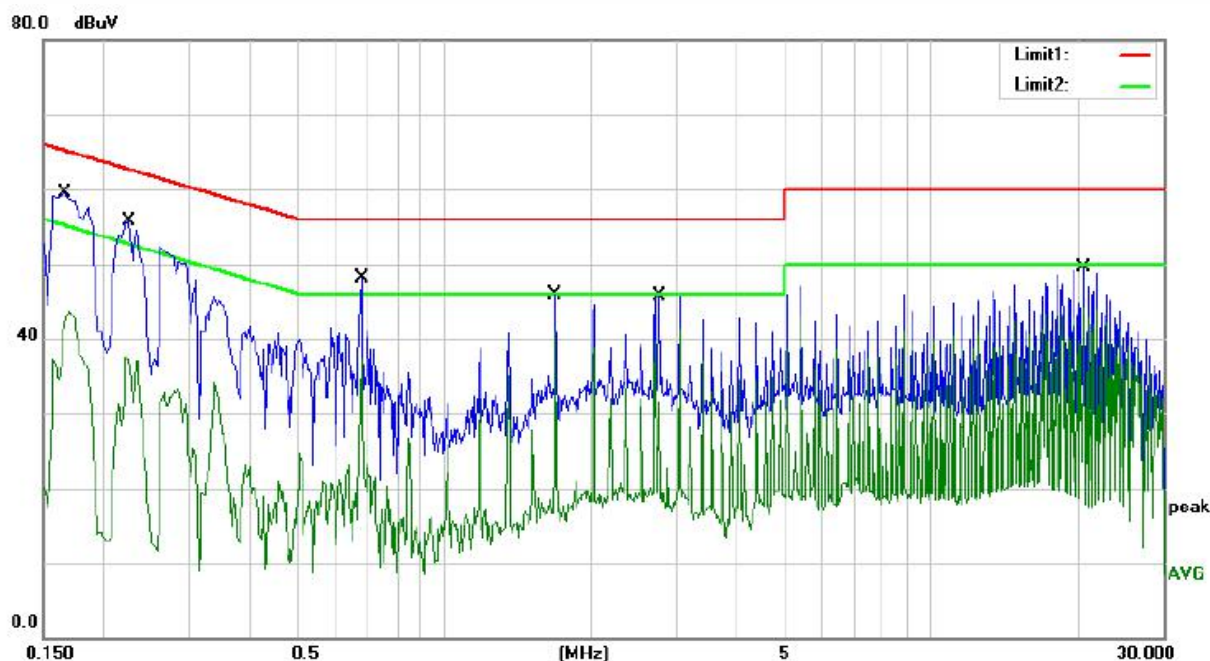
Emission Level (dB μ V) = LISN Factor (dB) + Cable Loss (dB) + Reading (dB μ V)

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

5.4.Measuring Results

PASS.

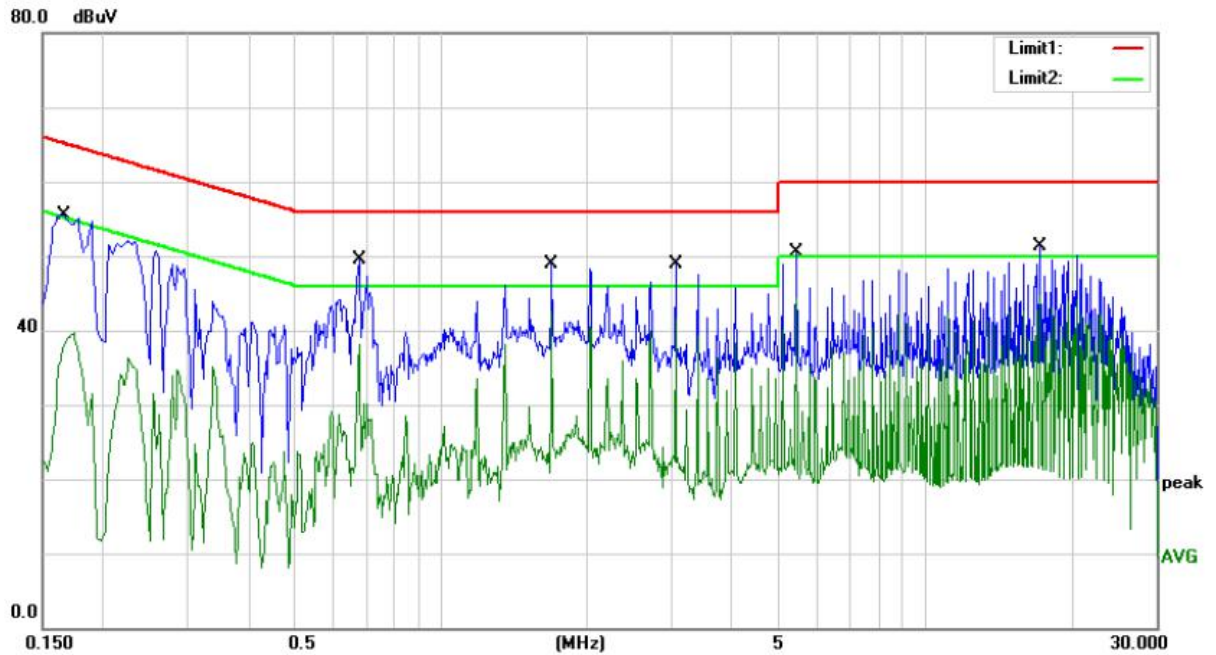




Site site #1 Phase: **L1** Temperature: 22.6
 Limit: FCC PART 15 B_QP (CE) Power: DC Humidity: 36 %
 Mode: Wireless Charging
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1660	48.98	10.47	59.45	65.16	-5.71	QP	
2		0.1660	33.20	10.47	43.67	55.16	-11.49	AVG	
3		0.2260	45.20	10.41	55.61	62.60	-6.99	QP	
4		0.2260	27.01	10.41	37.42	52.60	-15.18	AVG	
5		0.6780	37.90	10.13	48.03	56.00	-7.97	QP	
6		0.6780	27.17	10.13	37.30	46.00	-8.70	AVG	
7		1.6940	35.88	10.11	45.99	56.00	-10.01	QP	
8		1.6940	30.73	10.11	40.84	46.00	-5.16	AVG	
9		2.7660	35.52	10.09	45.61	56.00	-10.39	QP	
10	*	2.7660	31.11	10.09	41.20	46.00	-4.80	AVG	
11		20.6580	39.40	10.02	49.42	60.00	-10.58	QP	
12		20.6580	34.08	10.02	44.10	50.00	-5.90	AVG	

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



Site site #1

Phase: N

Temperature: 22.6

Limit: FCC PART 15 B_QP (CE)

Power: DC

Humidity: 36 %

Mode: Wireless Charging

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1660	45.05	10.47	55.52	65.16	-9.64	QP	
2		0.1660	29.20	10.47	39.67	55.16	-15.49	AVG	
3		0.6780	39.34	10.13	49.47	56.00	-6.53	QP	
4		0.6780	27.92	10.13	38.05	46.00	-7.95	AVG	
5		1.6940	38.87	10.11	48.98	56.00	-7.02	QP	
6	*	1.6940	32.31	10.11	42.42	46.00	-3.58	AVG	
7		3.0460	38.76	10.08	48.84	56.00	-7.16	QP	
8		3.0460	31.40	10.08	41.48	46.00	-4.52	AVG	
9		5.4180	40.51	10.05	50.56	60.00	-9.44	QP	
10		5.4180	34.25	10.05	44.30	50.00	-5.70	AVG	
11		17.2660	41.20	10.03	51.23	60.00	-8.77	QP	
12		17.2660	34.66	10.03	44.69	50.00	-5.31	AVG	

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

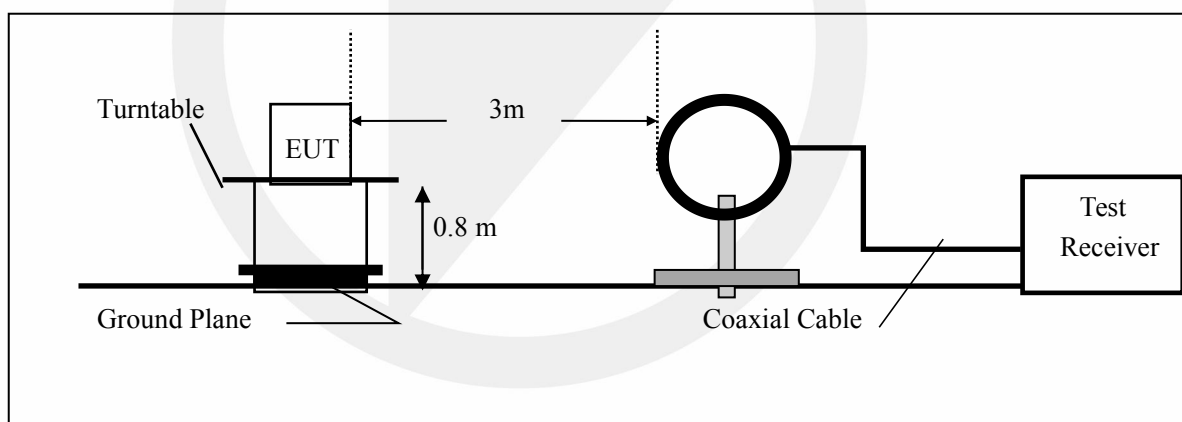
6. RADIATED EMISSION TEST

6.1.Measurement Procedure

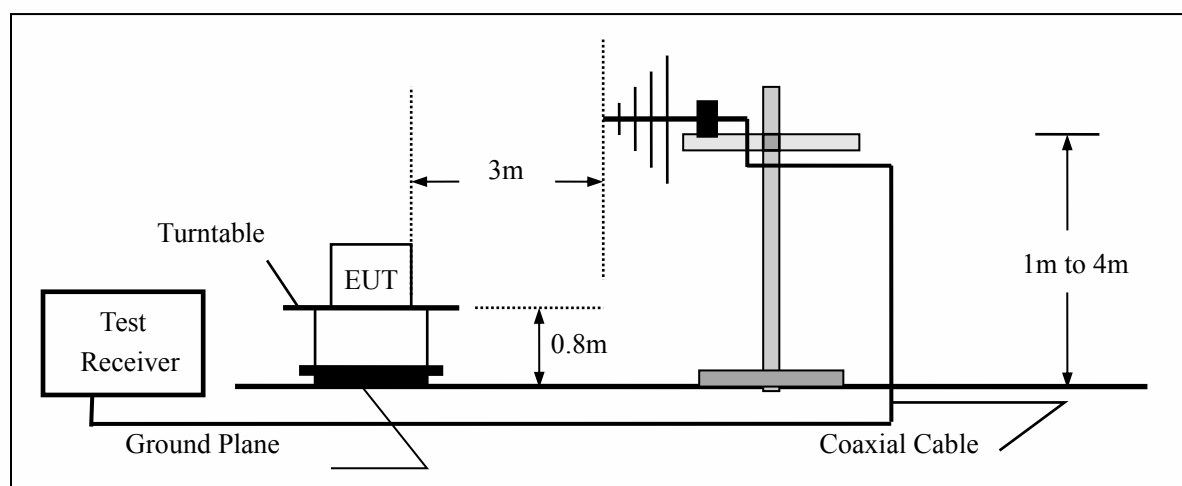
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above 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	05/22/2020	05/21/2021
Pre-Amplifier	HP	8447D	2944A07999	05/22/2020	05/21/2021
Bilog Antenna	Schwarzbeck	VULB9163	142	05/22/2020	05/21/2021
Loop Antenna	ARA	PLA-1030/B	1029	05/22/2020	05/21/2021
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170399	05/22/2020	05/21/2021
Horn Antenna	Schwarzbeck	BBHA 9120	D143	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	ACRX1	05/22/2020	05/21/2021
Cable	Rosenberger	N/A	FP2RX2	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	CRPX1	05/22/2020	05/21/2021
Cable	Schwarzbeck	AK9513	CRRX2	05/22/2020	05/21/2021

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

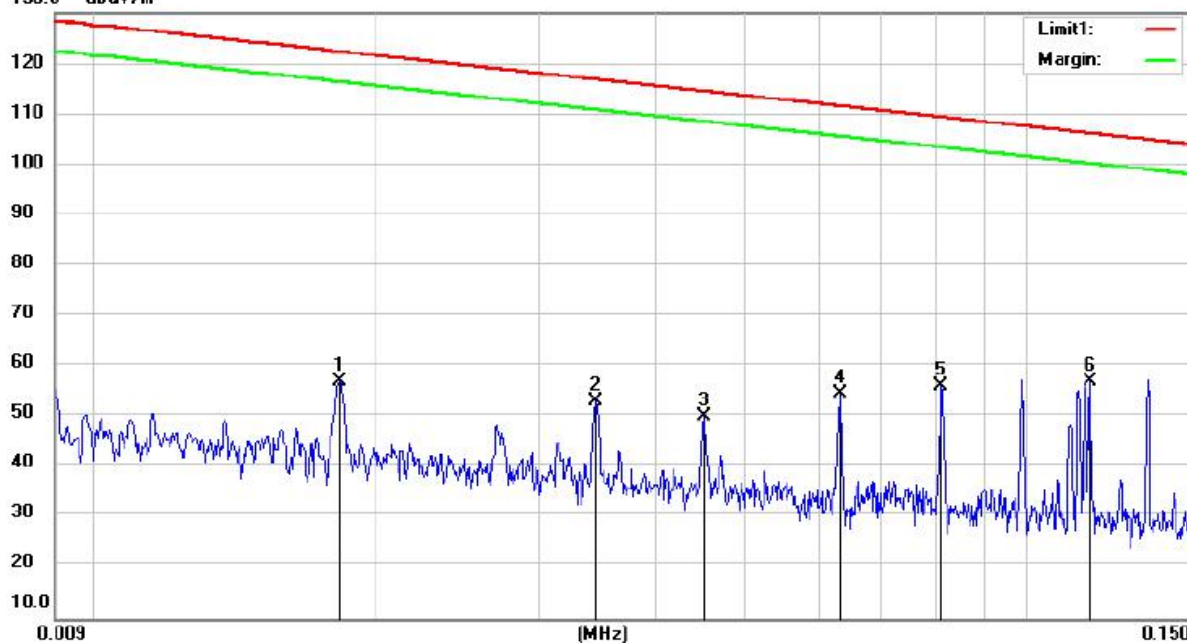
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 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:

130.0 dBuV/m



Site 3m Chamber #1

Polarization: Y

Temperature: 29.5 C

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

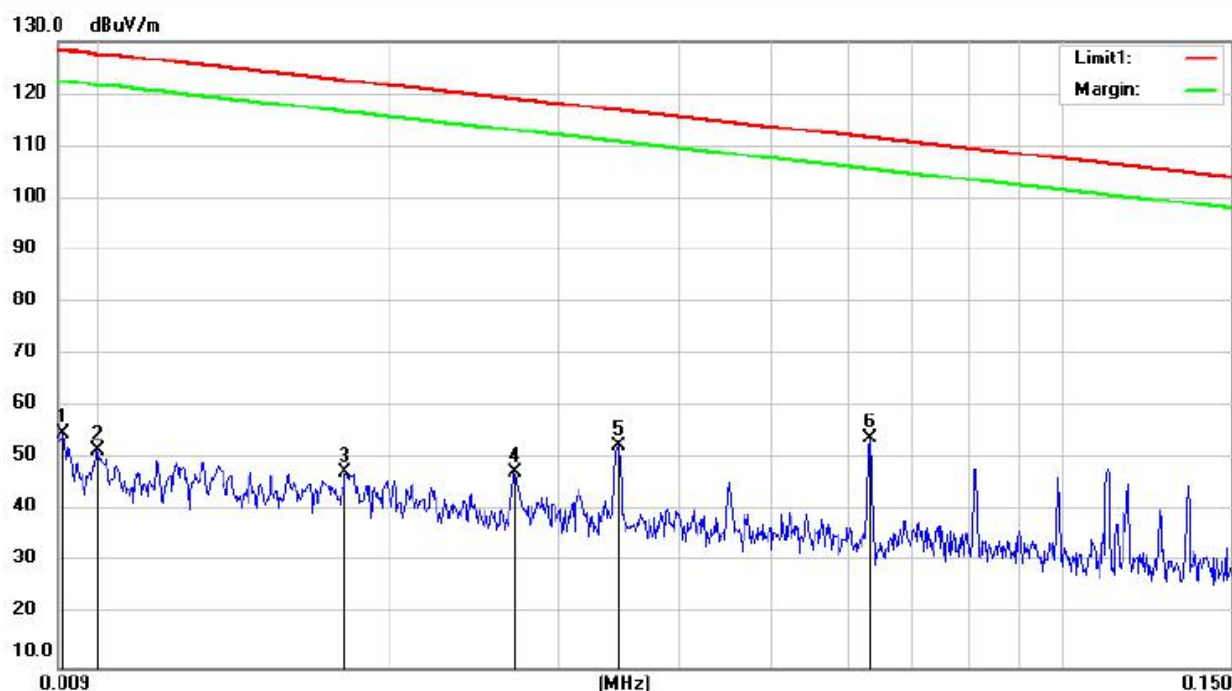
Power: DC 9V

Humidity: 48 %

Mode: Wireless Charging

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	Comment
1		0.0182	36.25	20.69	56.94	122.39	-65.45	QP		
2		0.0343	32.19	20.89	53.08	116.89	-63.81	QP		
3		0.0450	28.94	21.07	50.01	114.53	-64.52	QP		
4		0.0631	33.94	20.73	54.67	111.59	-56.92	QP		
5		0.0810	35.58	20.47	56.05	109.43	-53.38	QP		
6	*	0.1171	36.06	20.85	56.91	106.23	-49.32	QP		



Site 3m Chamber #1

Polarization: **Z**

Temperature: 29.5 C

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

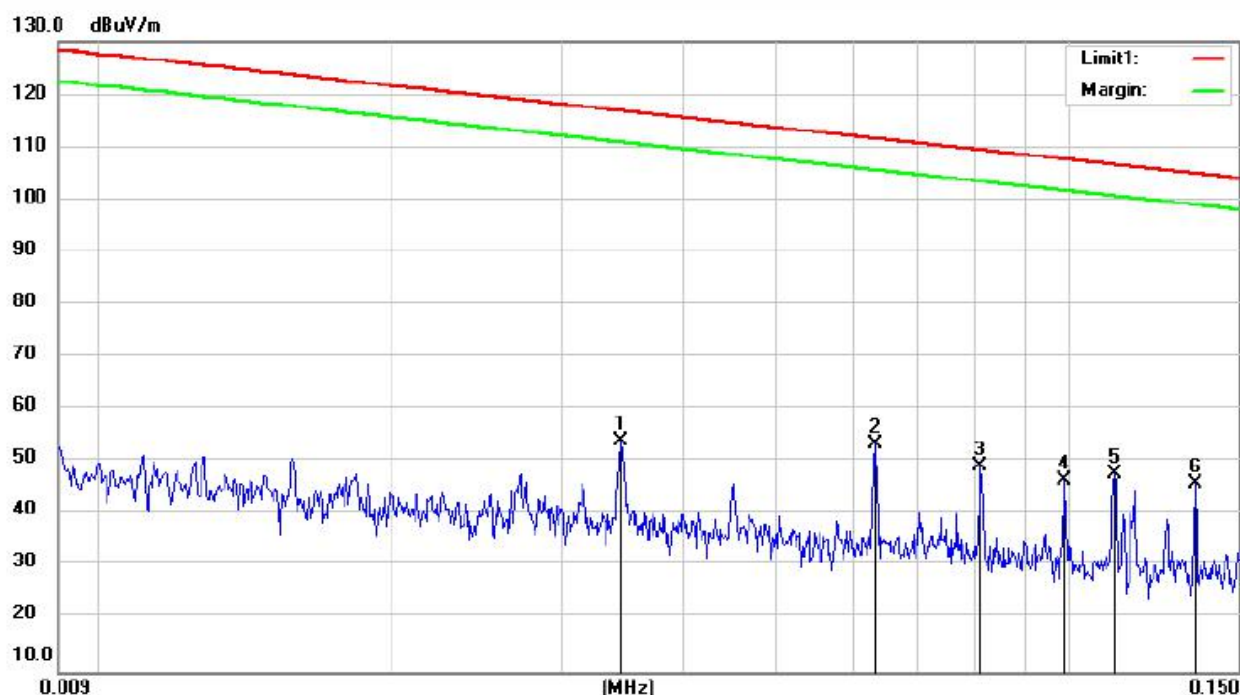
Power: DC 9V

Humidity: 48 %

Mode: Wireless Charging

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 degree	Comment
1		0.0091	33.85	20.85	54.70	128.40	-73.70	QP			
2		0.0100	30.64	20.85	51.49	127.59	-76.10	QP			
3		0.0180	26.70	20.69	47.39	122.48	-75.09	QP			
4		0.0270	26.58	20.77	47.35	118.96	-71.61	QP			
5		0.0345	31.51	20.89	52.40	116.83	-64.43	QP			
6	*	0.0631	33.21	20.73	53.94	111.59	-57.65	QP			



Site 3m Chamber #1

Polarization: X

Temperature: 29.5 C

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

Power: DC 9V

Humidity: 48 %

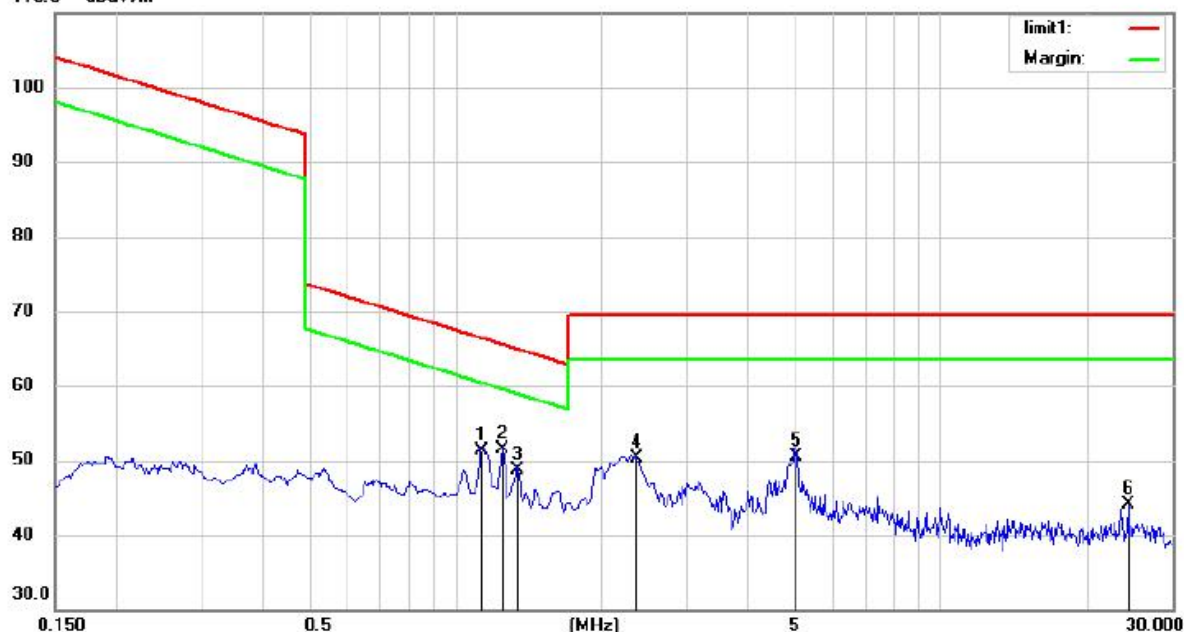
Mode: Wireless Charging

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 degree	Comment
1		0.0343	33.13	20.89	54.02	116.89	-62.87	QP			
2	*	0.0631	32.62	20.73	53.35	111.59	-58.24	QP			
3		0.0810	28.64	20.47	49.11	109.43	-60.32	QP			
4		0.0991	25.60	20.83	46.43	107.67	-61.24	QP			
5		0.1116	26.79	20.85	47.64	106.64	-59.00	QP			
6		0.1352	25.00	20.85	45.85	104.98	-59.13	QP			

150KHz-30MHz:

110.0 dBuV/m



Site Chamber #1

Polarization: X

Temperature: 21.6

Limit: FCC PART 15.209 9K-30M

Power: DC 9V

Humidity: 60 %

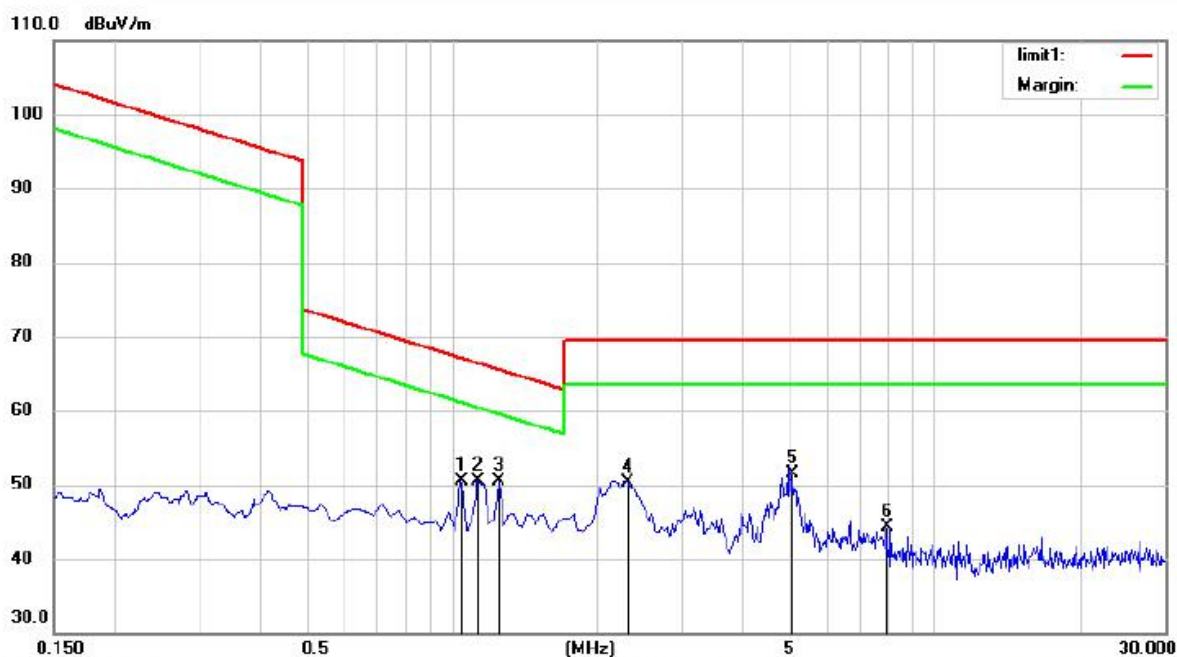
Mode: Wireless Charging

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		1.1351	30.02	21.20	51.22	66.52	-15.30	QP			
2	*	1.2545	30.27	21.19	51.46	65.66	-14.20	QP			
3		1.3440	27.56	21.19	48.75	65.06	-16.31	QP			
4		2.3590	29.03	21.17	50.20	69.54	-19.34	QP			
5		5.0156	29.45	21.12	50.57	69.54	-18.97	QP			
6		24.2987	23.15	20.92	44.07	69.54	-25.47	QP			

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

Operator: XIA



Site Chamber #1

Polarization: Y

Temperature: 21.6

Limit: FCC PART 15.209 9K-30M

Power: DC 9V

Humidity: 60 %

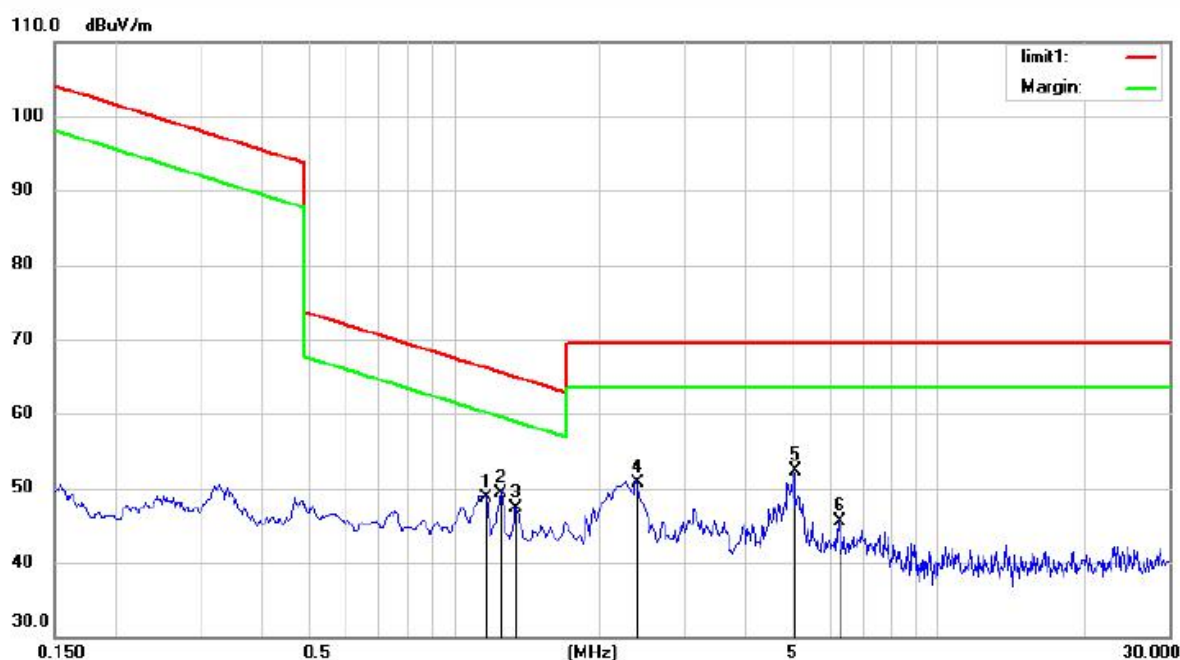
Mode: Wireless Charging

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		1.0455	29.38	21.20	50.58	67.24	-16.66	QP		
2		1.1350	29.21	21.20	50.41	66.52	-16.11	QP		
3	*	1.2544	29.28	21.19	50.47	65.66	-15.19	QP		
4		2.2991	29.19	21.17	50.36	69.54	-19.18	QP		
5		5.0453	30.31	21.12	51.43	69.54	-18.11	QP		
6		7.9706	23.27	21.06	44.33	69.54	-25.21	QP		

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

Operator: XIA



Site Chamber #1

Polarization: Z

Temperature: 21.6

Limit: FCC PART 15.209 9K-30M

Power: DC 9V

Humidity: 60 %

Mode: Wireless Charging

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		1.1650	27.53	21.20	48.73	66.30	-17.57	QP		
2	*	1.2544	28.13	21.19	49.32	65.66	-16.34	QP		
3		1.3440	26.17	21.19	47.36	65.06	-17.70	QP		
4		2.3887	29.54	21.17	50.71	69.54	-18.83	QP		
5		5.0453	31.12	21.12	52.24	69.54	-17.30	QP		
6		6.2393	24.42	21.09	45.51	69.54	-24.03	QP		

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

Operator: XIA

30MHz-1GHz:



Site Chamber #1

Polarization: **Horizontal**

Temperature: 21.6

Limit: FCC PART 15 B 3m(RE)

Power: DC

Humidity: 60 %

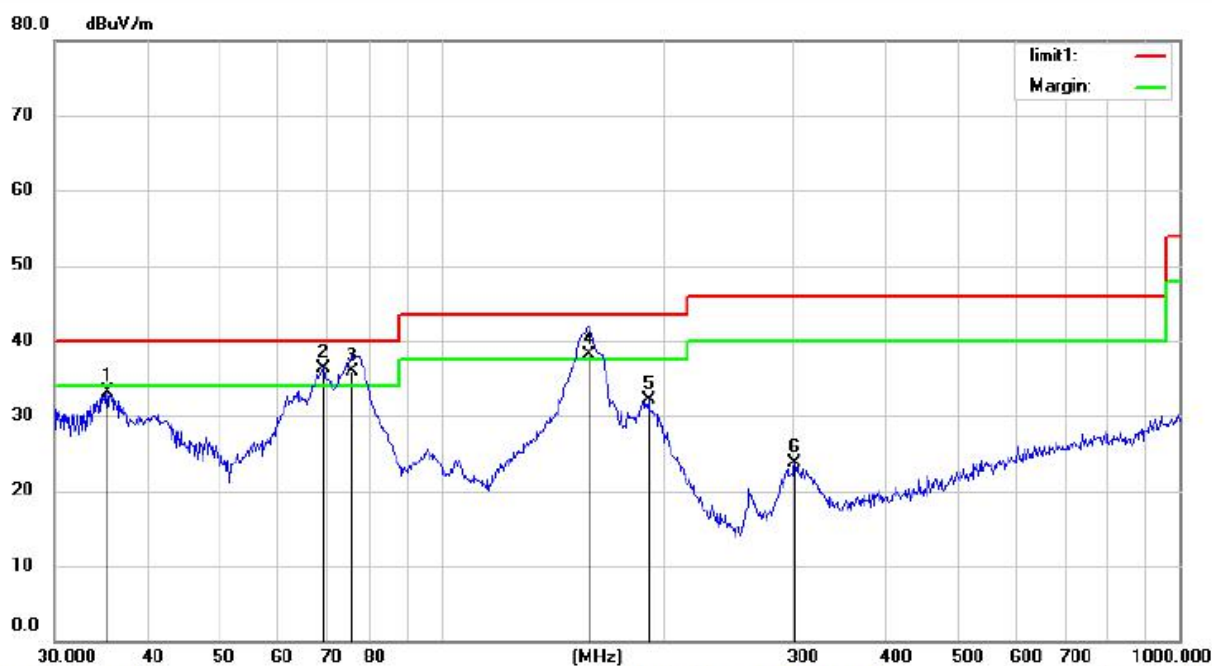
Mode: Wireless Charging

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 degree	Comment
1		35.0048	42.26	-18.57	23.69	40.00	-16.31	QP			
2		77.0505	49.71	-21.47	28.24	40.00	-11.76	QP			
3	*	160.3456	52.91	-20.68	32.23	43.50	-11.27	QP			
4		178.7584	47.31	-19.56	27.75	43.50	-15.75	QP			
5		295.1470	38.32	-13.79	24.53	46.00	-21.47	QP			
6		955.4381	30.58	-0.40	30.18	46.00	-15.82	QP			

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

Operator: XIA



Site Chamber #1

Polarization: **Vertical**

Temperature: 21.6

Limit: FCC PART 15 B 3m(RE)

Power: DC

Humidity: 60 %

Mode: Wireless Charging

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	Comment
1		35.3750	51.52	-18.44	33.08	40.00	-6.92	QP		
2	*	69.3568	55.60	-19.39	36.21	40.00	-3.79	QP		
3	!	75.9773	57.30	-21.43	35.87	40.00	-4.13	QP		
4	!	158.6677	58.90	-20.78	38.12	43.50	-5.38	QP		
5		191.0738	50.18	-18.09	32.09	43.50	-11.41	QP		
6		301.4223	37.61	-13.92	23.69	46.00	-22.31	QP		

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

Operator: XIA

7. ANTENNA REQUIREMENT

The EUT's antenna, permanent attached antenna, used an Induction coil, The antenna's gain meets the requirement.



*** End of Report ***

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