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Test Report No.: FV170831N001-2



Certificate # 2951.01

## TEST REPORT

Applicant	Brookstone Purchasing, Inc
Address	one innovation way, Merrimack New Hampshire 03054 United States

Manufacturer or Supplier	Shenzhen Relight Technology Co.,Ltd
Address	6th Floor, Building A, Guangcheng Industrial Park, Gongming Town, Guangming New District, Shenzhen Guangdong China
Product	Touch Lamp WITH WIRELESS CHARGING
Brand Name	N/A
SKU	324993
Model	MS-W9
Additional Model & Model Difference	N/A
Date of tests	Aug. 31, 2017 ~Sep. 18, 2017

The submitted sample of the above equipment has been tested for according to the requirements of the following standards:

FCC Part 15, Subpart C, Class B

**CONCLUSION:** The submitted sample was found to COMPLY with the test requirement

Tested by Tom Chen Project Engineer / EMC Department	Approved by Chris Chen Manager / EMC Department

Date: Sep. 19, 2017

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification



## Table of Contents

RELEASE CONTROL RECORD .....	3
1 SUMMARY OF TEST RESULTS .....	4
1.1 MEASUREMENT UNCERTAINTY .....	4
2 GENERAL INFORMATION .....	5
2.1 GENERAL DESCRIPTION OF EUT .....	5
2.2 DESCRIPTION OF TEST MODES .....	6
2.3 DESCRIPTION OF SUPPORT UNITS .....	6
3 EMISSION TEST .....	7
3.1 CONDUCTED EMISSION MEASUREMENT .....	7
3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT .....	7
3.1.2 TEST INSTRUMENTS .....	7
3.1.3 TEST PROCEDURE .....	8
3.1.4 DEVIATION FROM TEST STANDARD .....	8
3.1.5 TEST SETUP .....	9
3.1.6 EUT OPERATING CONDITIONS .....	9
3.1.7 TEST RESULTS .....	10
3.2 RADIATED EMISSION MEASUREMENT .....	12
3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT .....	12
3.2.2 TEST INSTRUMENTS .....	13
3.2.3 TEST PROCEDURE .....	14
3.2.4 DEVIATION FROM TEST STANDARD .....	14
3.2.5 TEST SETUP .....	15
3.2.6 EUT OPERATING CONDITIONS .....	15
3.2.7 TEST RESULTS .....	16
4 PHOTOGRAPHS OF THE TEST CONFIGURATION .....	22
5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB .....	23



**BUREAU  
VERITAS**

**Test Report No.: FV170831N001-2**

## **RELEASE CONTROL RECORD**

<b>ISSUE NO.</b>	<b>REASON FOR CHANGE</b>	<b>DATE ISSUED</b>
FV170831N001-2	Original release	Sep. 19, 2017



BUREAU  
VERITAS

Test Report No.: FV170831N001-2

## 1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
Standard Section	Test Item	Result	Remark
FCC Part 15, Subpart C, Class B	Conducted test	PASS	Meets limits minimum passing margin is -13.25Db at 0.39180MHz
	Radiated Emission Test (9KHz ~ 30MHz)	PASS	Meets Limit Minimum Passing Margin Is -3.64Db at 0.149 MHz
	Radiated Emission Test (30MHz ~ 1GHz)	PASS	Meets limits minimum passing margin is -11.36Db at 30.00MHz

### 1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	9kHz ~ 30MHz	+ /- 2.90 Db
	30MHz ~ 1GHz	+ /- 3.83 Db
Conducted emission	0.15MHz ~ 30MHz	+ /-2.70 Db



BUREAU  
VERITAS

Test Report No.: FV170831N001-2

## 2 GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

<b>PRODUCT</b>	Touch Lamp WITH WIRELESS CHARGING
<b>MODEL</b>	MS-W9
<b>SKU</b>	324993
<b>FCC ID</b>	2AFVN-HD116A3GYA
<b>POWER SUPPLY</b>	DC 12V 2A from Adapter input 100-240V 50/60 Hz 0.6A Max.
<b>CABLE SUPPLIED</b>	N/A
<b>WIRELESS FREQUENCY</b>	110-205KHz

#### NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 170831N001) for detailed product photo.
4. The EUT can be powered by the adapter as listed below:

ADAPTER	
<b>BRAND:</b>	N/A
<b>MODEL:</b>	FJ-SW1202000U
<b>INPUT:</b>	AC 100-240V, 50/60Hz, 0.6A Max
<b>OUTPUT:</b>	DC 12V 2A
<b>DC CABLE:</b>	Unshielded, non-detachable, 1.5m



BUREAU  
VERITAS

Test Report No.: FV170831N001-2

## 2.2 DESCRIPTION OF TEST MODES

The EUT were tested under the following modes, the final worst mode was marked in boldface and recorded in this report.

### CONDUCTED EMISSION TEST:

Description of Test Mode	Test Voltage
Wireless Charging	DC 5V from adapter Input AC 120V 60Hz
Wireless Communicating	

### RADIATED EMISSION TEST: (9KHz-30MHz)

Description of Test Mode	Test Voltage
Wireless Charging	DC 5V from adapter Input AC 120V 60Hz
Wireless Communicating	

### RADIATED EMISSION TEST: (30MHz-1GHz)

Description of Test Mode	Test Voltage
Wireless Charging	DC 5V from adapter Input AC 120V 60Hz
Wireless Communicating	

## 2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an dependent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	iPhone 6s	Apple	ML7F2CH/A	C6KQKXLAGRY8	N/A

NO.	DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	Aux in Line: Unshielded, Detachable 1.0m



BUREAU  
VERITAS

Test Report No.: FV170831N001-2

### 3 EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

##### 3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart C (Section: 15.207)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

**NOTES:** (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 0.50 MHz.  
(3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

##### 3.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Apr. 05,17	Apr. 04,18
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Mar. 06,17	Mar. 05,18
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Apr. 05,17	Apr. 04,18
Voltage probe	SCHWARZBEC K	TK 9421	TK 9421-176	Jan. 04,17	Jan. 03,18
Test software	ADT	ADT_Cond_V 7.3.7	N/A	N/A	N/A

**NOTE:** 1. The test was performed at Shielded Room 553.

2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRT/CHINA and NIM/CHINA.



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**Test Report No.: FV170831N001-2**

### **3.1.3 TEST PROCEDURE**

The basic test procedure was in accordance with ANSI C63.4:2014 (section 7).

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20dB) were not recorded.

#### **NOTE:**

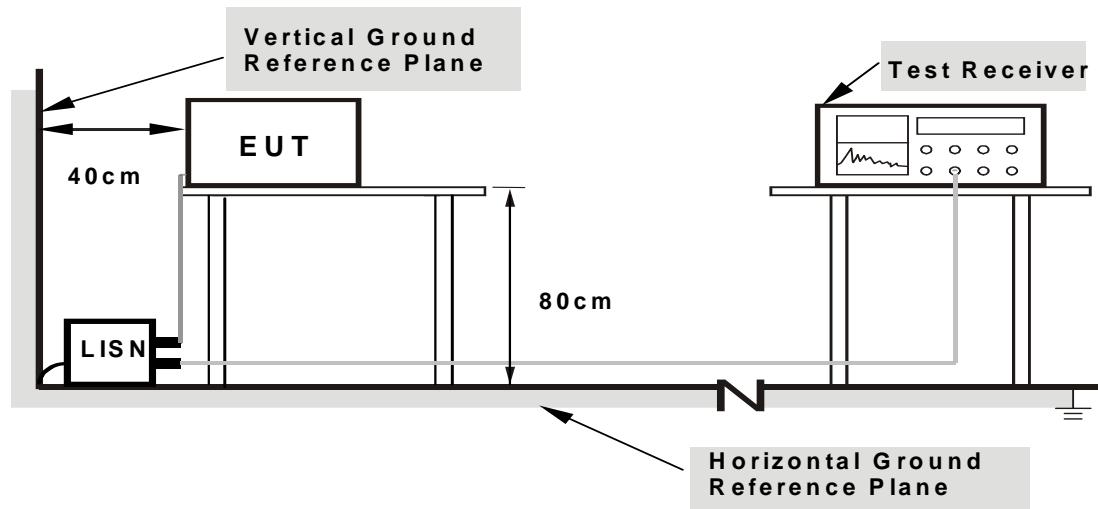
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

### **3.1.4 DEVIATION FROM TEST STANDARD**

No deviation.



### 3.1.5 TEST SETUP



**Note:** 1. Support units were connected to second LISN.  
2. Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.

### 3.1.6 EUT OPERATING CONDITIONS

- Turned on the power of all equipment.
- EUT was operated according to the type description in manufacturer's specifications or the User's Manual.



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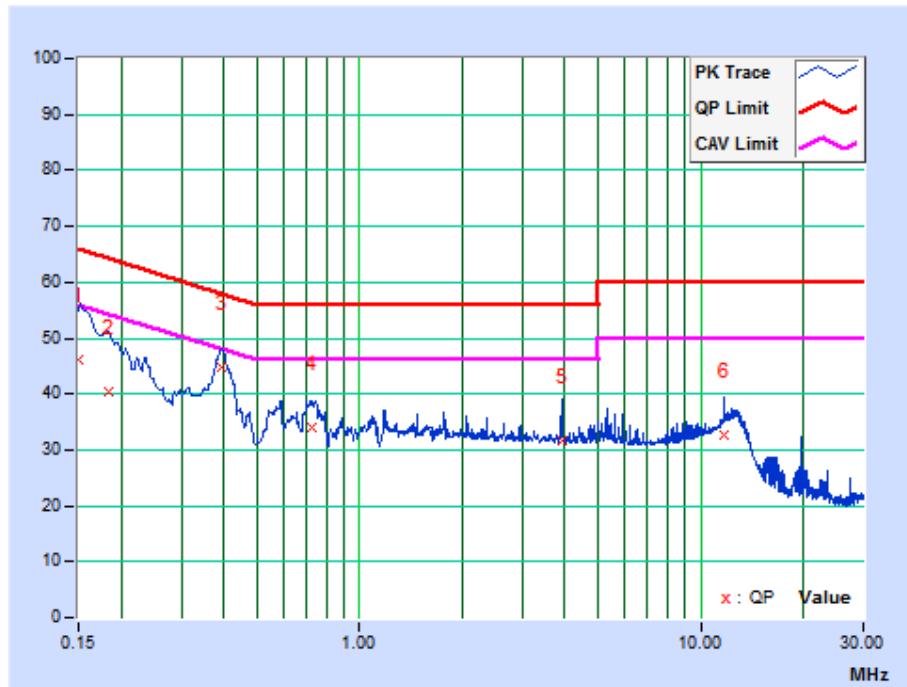
Test Report No.: FV170831N001-2

### 3.1.7 TEST RESULTS

TEST MODE	Wireless Charging	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	DC 12V from Adapter Input AC 120V/60Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	28 deg. C, 61% RH	TESTED BY	Tank

No.	Freq. Factor	Corr. (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			[MHz]	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.
1	0.15000	9.83	36.16	20.68	45.99	30.51	66.00	56.00	-20.01	-25.49
2	0.18267	9.83	30.48	14.50	40.31	24.33	64.36	54.36	-24.05	-30.03
<b>3</b>	<b>0.39180</b>	<b>9.88</b>	<b>34.90</b>	<b>24.89</b>	<b>44.78</b>	<b>34.77</b>	<b>58.03</b>	<b>48.03</b>	<b>-13.25</b>	<b>-13.26</b>
4	0.72375	9.83	24.03	15.31	33.86	25.14	56.00	46.00	-22.14	-20.86
5	3.91875	9.91	21.84	12.12	31.75	22.03	56.00	46.00	-24.25	-23.97
6	11.76450	9.95	22.56	14.76	32.51	24.71	60.00	50.00	-27.49	-25.29

**REMARKS:** The emission levels of other frequencies were very low against the limit.





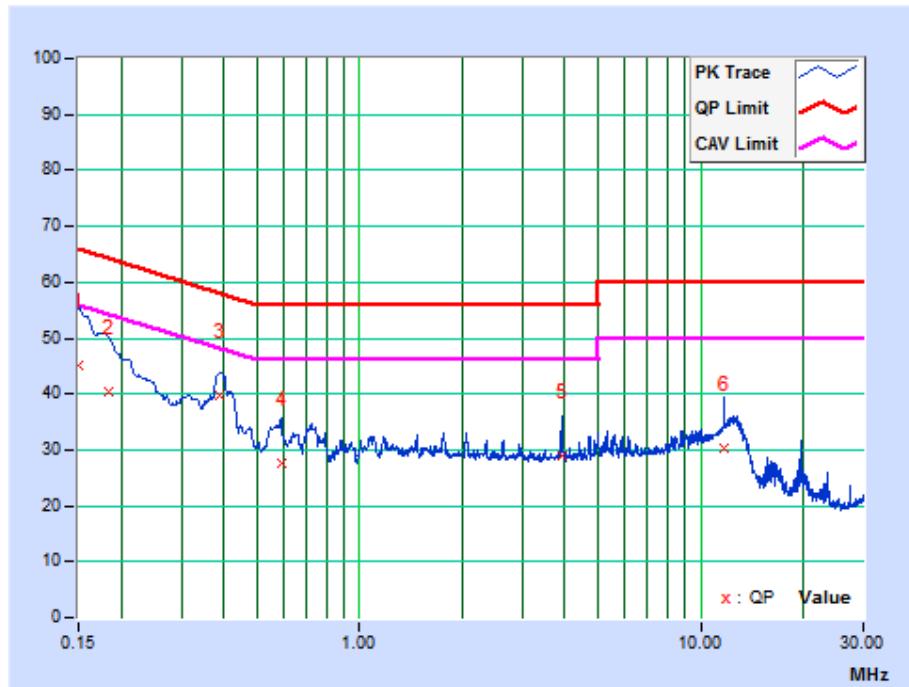
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Test Report No.: FV170831N001-2

TEST MODE	Wireless Charging	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	DC 12V from Adapter Input AC 120V/60Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	28 deg. C, 61% RH	TESTED BY	Tank

No.	Freq. [MHz]	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.
1	0.15000	9.66	35.55	18.00	45.21	27.66	66.00	56.00	-20.79	-28.34
2	0.18375	9.66	30.59	11.76	40.25	21.42	64.31	54.31	-24.06	-32.89
3	0.38769	9.80	29.79	20.25	39.59	30.05	58.11	48.11	-18.52	-18.06
4	0.58875	9.83	17.65	8.30	27.48	18.13	56.00	46.00	-28.52	-27.87
5	3.91650	9.92	18.99	9.13	28.91	19.05	56.00	46.00	-27.09	-26.95
6	11.76450	9.94	20.29	13.23	30.23	23.17	60.00	50.00	-29.77	-26.83

**REMARKS:** The emission levels of other frequencies were very low against the limit.





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Test Report No.: FV170831N001-2

## 3.2 RADIATED EMISSION MEASUREMENT

### 3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15 (Section: 15.209)

Radiated Emissions Limits at 3 meters (dB $\mu$ V/m)	
Frequencies (MHz)	FCC 15
0.009-0.490	128.5-93.8
0.490-1.705	73.8-62.97
1.705-30.0	69.50
30-88	40
88-216	43.5
216-960	46
Above 960	54

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

(2) Emission level (dB $\mu$ V/m) = 20 log Emission level (uV/m).

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.



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Test Report No.: FV170831N001-2

### 3.2.2 TEST INSTRUMENTS

#### FOR FREQUENCY 9KHz-30MHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101418	Feb. 27,17	Feb. 26,18
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	May 31,17	May 30,18
Amplifier	Burjeon	BPA-530	100210	Apr. 05,17	Apr. 04,18
Test Software	ADT	ADT_Radiated_V8.7.07	N/A	N/A	N/A

**NOTES:** 1. The test was performed in 10m Chamber.

1. The test was performed in 10m Chamber.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The FCC Site Registration No. is 749762.

#### FOR FREQUENCY 30MHz-1000MHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Mar. 11,17	Mar. 10,18
Bilog Antenna	Teseq	CBL 6111D	30643	Jul. 14, 17	Jul. 13, 18
Amplifier	Burjeon	BPA-530	100220	Apr. 05,17	Apr. 04,18
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	Mar. 06,17	Mar. 05,18
Test software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A	N/A

**NOTES:** 1. The test was performed in 966 Chamber (a 3m Semi-anechoic chamber).

1. The test was performed in 966 Chamber (a 3m Semi-anechoic chamber).
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The FCC Site Registration No. is 749762.



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Test Report No.: FV170831N001-2

### 3.2.3 TEST PROCEDURE

#### FOR FREQUENCY 9KHZ-30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meters Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was fixed of loop antenna
- c. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 30MHz.

#### FOR FREQUENCY 30MHz-1GHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.

#### NOTE:

1. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
3. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) (if the raw value not contains the amplifier);
4. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain(dB) (if the raw value contains the amplifier).
5. Margin value = Emission level – Limit value.

### 3.2.4 DEVIATION FROM TEST STANDARD

No deviation.

Bureau Veritas Shenzhen Co., Ltd.  
Dongguan Branch

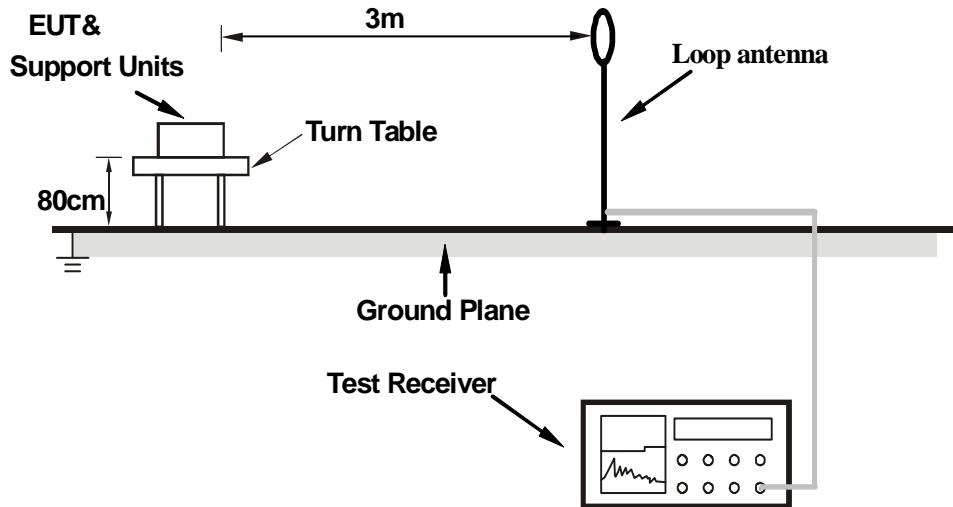
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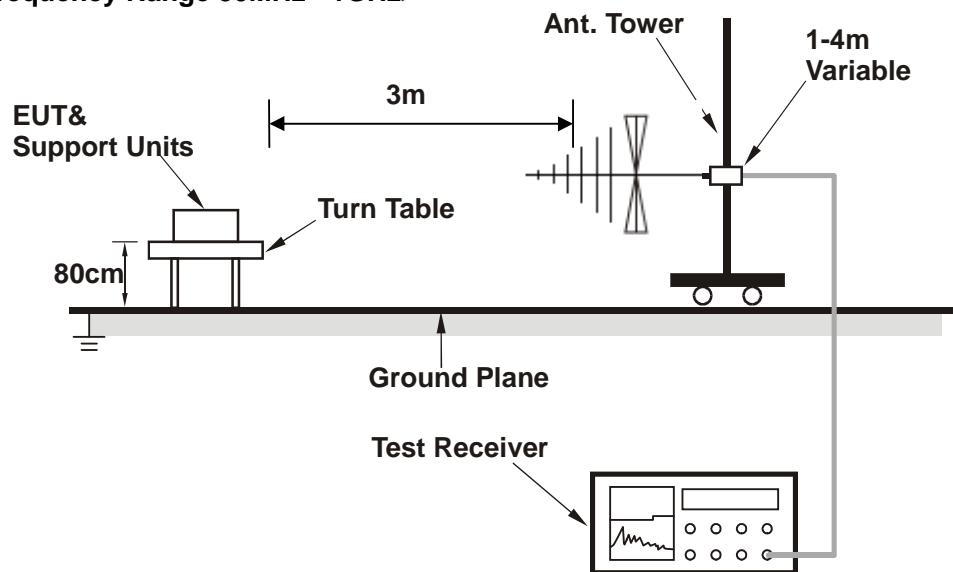


### 3.2.5 TEST SETUP

<Frequency Range 9KHz-30MHz>



<Frequency Range 30MHz - 1GHz>



\* depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3

### 3.2.6 EUT OPERATING CONDITIONS

- Turn on the power supply of the EUT.
- EUT was operated according to the type description in manufacturer's specifications or the User's Manual.



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Test Report No.: FV170831N001-2

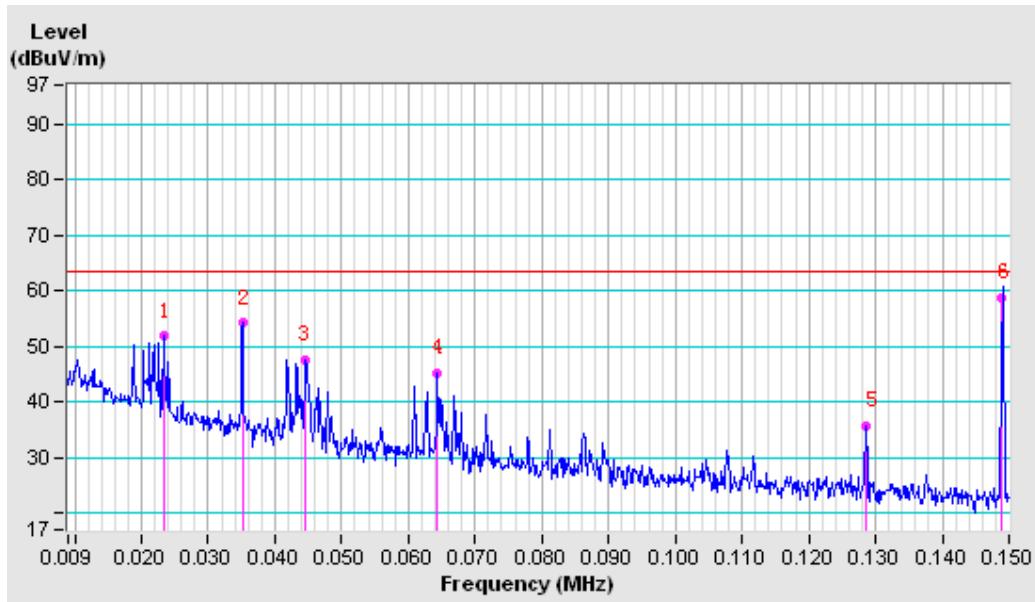
### 3.2.7 TEST RESULTS

TEST MODE	Wireless charging	FREQUENCY RANGE	9 -150KHz
TEST VOLTAGE	DC 12V from Adapter input:120V 60Hz	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Quasi-Peak, 200Hz
ENVIRONMENTAL CONDITIONS	22deg. C, 65% RH	TESTED BY: Xin Peng	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.023	-10.00	61.76	51.76	63.50	-11.74	300	129
2	0.035	-10.27	64.47	54.20	63.50	-9.30	300	360
3	0.044	-10.29	57.83	47.54	63.50	-15.96	300	91
4	0.064	-10.37	55.51	45.14	63.50	-18.36	300	98
5	0.129	-10.47	46.15	35.68	63.50	-27.82	100	153
6	0.149	-10.52	69.38	58.86	63.50	-4.64	300	123

**REMARKS:**

1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 0.009-0.15MHz.
4. Only emissions significantly above equipment noise floor are reported.





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Test Report No.: FV170831N001-2

<b>TEST MODE</b>	Wireless charging	<b>FREQUENCY RANGE</b>	9 -150KHz
<b>TEST VOLTAGE</b>	DC 12V from Adapter input:120V 60Hz	<b>DETECTOR FUNCTION &amp; RESOLUTION BANDWIDTH</b>	Quasi-Peak, 200Hz
<b>ENVIRONMENTAL CONDITIONS</b>	22deg. C, 65% RH	<b>TESTED BY:</b> Xin Peng	

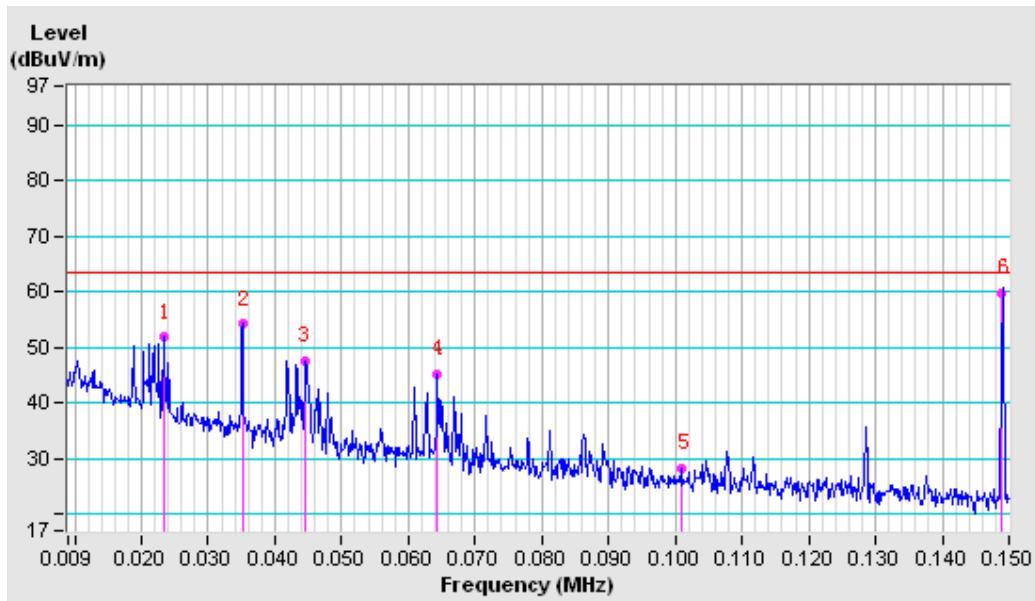
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.023	-10.00	61.76	51.76	63.50	-11.74	300	129
2	0.035	-10.27	64.47	54.20	63.50	-9.30	300	360
3	0.044	-10.29	57.83	47.54	63.50	-15.96	300	91
4	0.064	-10.37	55.51	45.14	63.50	-18.36	300	98
5	0.101	-10.35	38.59	28.24	63.50	-35.26	100	162
<b>6</b>	<b>0.149</b>	<b>-10.52</b>	<b>70.38</b>	<b>59.86</b>	<b>63.50</b>	<b>-3.64</b>	<b>300</b>	<b>123</b>

**REMARKS:** 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.

2. Negative sign (-) in the margin column signify levels below the limit.

3. Frequency range scanned: 0.009-0.15MHz.

4. Only emissions significantly above equipment noise floor are reported.





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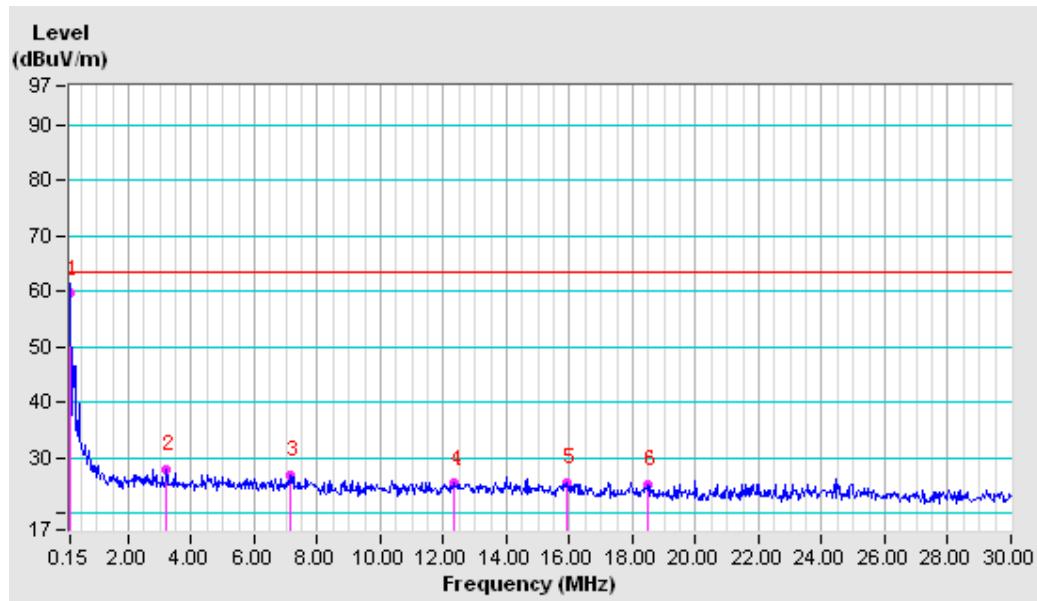
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TEST MODE	Wireless charging	FREQUENCY RANGE	150KHz-30MHz
TEST VOLTAGE	DC 12V from Adapter input:120V 60Hz	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Quasi-Peak, 200Hz
ENVIRONMENTAL CONDITIONS	22deg. C, 65% RH	TESTED BY:Xin Peng	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No .	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.150	-10.52	70.08	59.56	63.50	-3.94	100	96
2	3.191	-10.46	38.26	27.80	63.50	-35.70	300	329
3	7.127	-10.31	37.14	26.83	63.50	-36.67	100	333
4	12.355	-10.05	35.38	25.33	63.50	-38.17	300	92
5	15.937	-10.02	35.58	25.56	63.50	-37.94	300	348
6	18.485	-10.33	35.46	25.13	63.50	-38.37	300	230

**REMARKS:**

1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 0.150-30.00MHz.
4. Only emissions significantly above equipment noise floor are reported.





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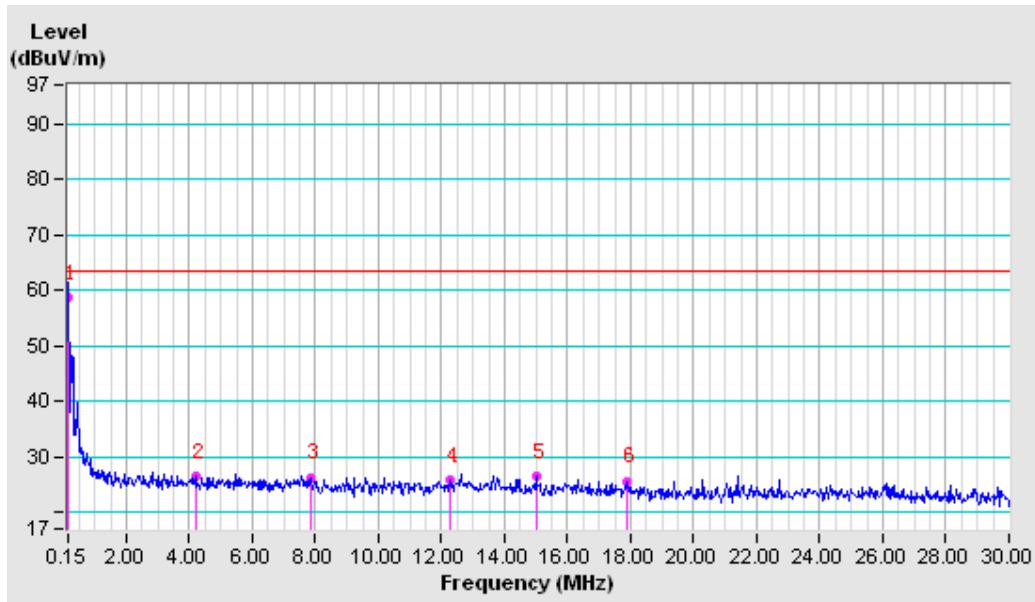
Test Report No.: FV170831N001-2

TEST MODE	Wireless charging	FREQUENCY RANGE	150KHz-30MHz
TEST VOLTAGE	DC 12V from Adapter input:120V 60Hz	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Quasi-Peak, 200Hz
ENVIRONMENTAL CONDITIONS	22deg. C, 65% RH	TESTED BY: Xin Peng	

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No .	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.150	-10.52	69.08	58.56	63.50	-4.94	300	99
2	4.183	-10.39	36.72	26.33	63.50	-37.17	300	66
3	7.848	-10.27	36.45	26.18	63.50	-37.32	300	148
4	12.254	-10.06	35.72	25.66	63.50	-37.84	300	82
5	14.997	-9.93	36.32	26.39	63.50	-37.11	100	359
6	17.859	-10.23	35.64	25.41	63.50	-38.09	100	338

**REMARKS:**

1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 0.150-30.00MHz.
4. Only emissions significantly above equipment noise floor are reported.





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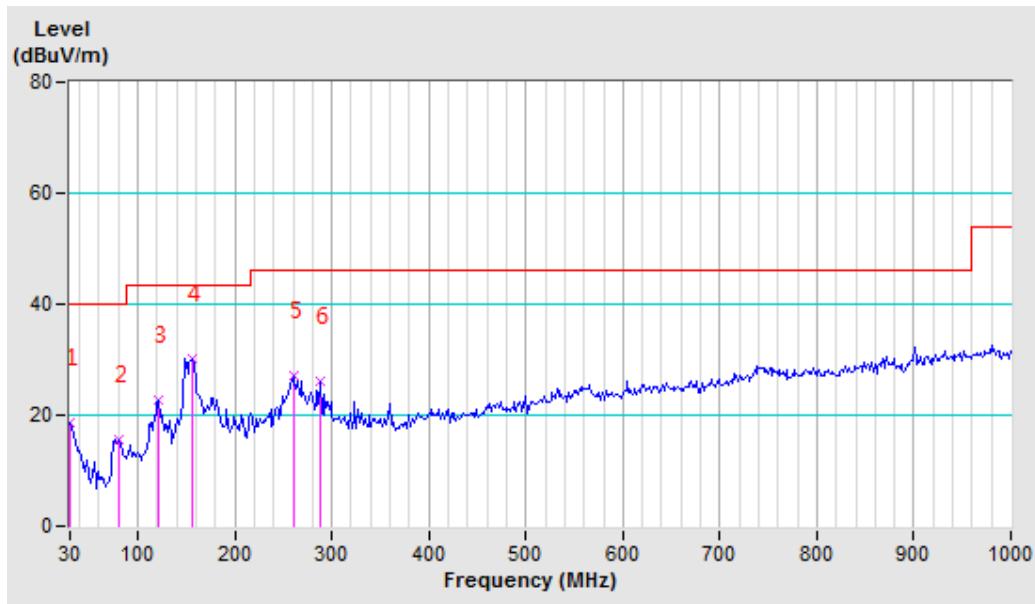
Test Report No.: FV170831N001-2

<b>TEST MODE</b>	Wireless charging	<b>FREQUENCY RANGE</b>	30-1000MHz
<b>TEST VOLTAGE</b>	DC 12V from Adapter input:120V 60Hz	<b>DETECTOR FUNCTION &amp; RESOLUTION BANDWIDTH</b>	Quasi-Peak, 120kHz
<b>ENVIRONMENTAL CONDITIONS</b>	25deg. C, 56% RH	<b>TESTED BY:</b> Dragon	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	30.00	-11.27	30.04	18.77	40.00	-21.23	100	41
2	81.30	-21.85	37.43	15.58	40.00	-24.42	100	0
3	121.71	-16.66	39.47	22.81	43.50	-20.69	100	29
4	155.91	-16.90	47.03	30.13	43.50	-13.37	100	17
5	260.06	-12.62	39.74	27.12	46.00	-18.88	100	4
6	288.04	-13.82	40.00	26.18	46.00	-19.82	100	0

**REMARKS:**

1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30MHz to 400MHz.
4. Only emissions significantly above equipment noise floor are reported.





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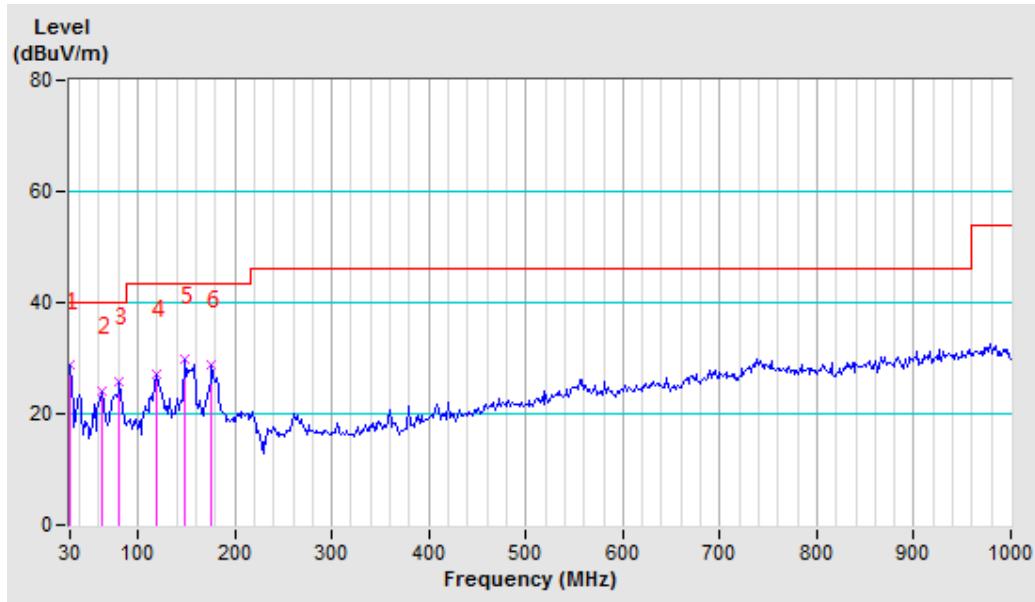
Test Report No.: FV170831N001-2

<b>TEST MODE</b>	Wireless charging	<b>FREQUENCY RANGE</b>	30-1000MHz
<b>TEST VOLTAGE</b>	DC 12V from Adapter input:120V 60Hz	<b>DETECTOR FUNCTION &amp; RESOLUTION BANDWIDTH</b>	Quasi-Peak, 120kHz
<b>ENVIRONMENTAL CONDITIONS</b>	25deg. C, 56% RH		<b>TESTED BY:</b> Dragon

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	30.00	-11.27	39.91	28.64	40.00	-11.36	100	0
2	62.64	-24.82	49.00	24.18	40.00	-15.82	100	0
3	81.30	-21.85	47.76	25.91	40.00	-14.09	100	0
4	118.61	-16.78	43.85	27.07	43.50	-16.43	100	360
5	148.14	-16.64	46.31	29.67	43.50	-13.83	100	0
6	176.12	-18.88	47.69	28.81	43.50	-14.69	100	0

**REMARKS:**

1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30MHz to 400MHz.
4. Only emissions significantly above equipment noise floor are reported.





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**Test Report No.: FV170831N001-2**

## **4 PHOTOGRAPHS OF THE TEST CONFIGURATION**

Please refer to the attached file (Test Setup Photo).



**Test Report No.: FV170831N001-2**

## **5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB**

No any modifications were made to the EUT by the lab during the test.

**---END---**