FCC 47 CFR PART 15 SUBPART C

TEST REPORT

For

iFory Wireless Charging Pad

MODEL NUMBER: 191201R

FCC ID: 2ASJI-191201R

REPORT NUMBER: 4789391834-1

ISSUE DATE: March 27, 2020

Prepared for

Dongguan Xuntao Electronic Co., Ltd.
No.17, Kuiqing Road Qingxi Town
Dongguan City 523660 China

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	03/27/2020	Initial Issue	

Summary of Test Results		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission Test	FCC 15.207	PASS
Radiated Emission Test	FCC 15.209	PASS
20dB Bandwidth	FCC 15.215	PASS
This test report is only published to and used by the applicant, and it is not for evidence purpose in China.		

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Dongguan Xuntao Electronic Co., Ltd.
Address:	No.17, Kuiqing Road Qingxi Town Dongguan City 523660 China

Manufacturer Information

Company Name:	LUXSHARE PRECISION INDUSTRY CO LTD
Address:	Guangdong.Shenzhen.2F Blk A Sanyo New Industrial Area.West Haoyi Community Shajing Subdistrict Office.Baoan District.Shenzhen

EUT Information

EUT Name:	iFory Wireless Charging Pad
Model:	191201R
Brand:	Ifory
Sample Received Date:	February 24, 2020
Sample Status:	Normal
Sample ID:	2903838
Date of Tested:	March 05, 2020 ~ March 13, 2020

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART C	PASS

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Approved By:

Stephen Guo

Laboratory Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC CFR 47 Part 2, FCC CFR 47 Part 15C KDB414788 D01 Radiated Test Site v01 and ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

Test Location	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Address	Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules **IC(Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320. **VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

Note:

1. All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
2. The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.
3. For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted disturbance at mains terminals ports	0.15MHz ~ 30MHz	2	3.62
Radiated disturbance test	9kHz-150kHz	2	3.32
	150kHz-30MHz	2	3.72
Radiated Emission Test	30MHz~1GHz	2	4.00
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	iFory Wireless Charging Pad
Model	191201R
Operation Frequency	110 ~ 148kHz
Modulation Type	FSK
Antenna type	Coil
Ratings	Input: DC 5V/2A, 9V/1.67A Output: 10W

5.2. TEST MODE

Config	Test Mode	Description
Mode 1	5V/2A input and 10W output	EUT input with 5V/2A by AC/DC adapter and output with max power(Chrger transmission distance from the device: 0mm spacing separation)
Mode 2	9V/1.67A input and 10W output	EUT input with 9V/1.67A by AC/DC adapter and output with max power (Charger transmission distance from the device: 0mm spacing separation)
Mode 3	9V/1.67A input and 10W output	EUT input with 9V/1.67A by AC/DC adapter and output with max power with 4mm airgap(Charger transmission distance from the device: 4mm spacing separation)

Note: The mode 3 is the worst case base on mode 1 and mode 2.

5.3. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests	
Relative Humidity	55 ~ 65%	
Atmospheric Pressure:	1018Pa	
Temperature	TN	22 ~ 28°C
Voltage :	VL	/
	VN	DC 5V & DC 9V
	VH	/

Note: VL= Lower Extreme Test Voltage
VN= Nominal Voltage
VH= Upper Extreme Test Voltage
TN= Normal Temperature

5.4. ACCESSORY

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Series No.
1	Adapter	UGREEN	CD122	Input: AC 100-240V 50/60Hz, 500mA Max Output: DC 5V/2A, 9V/1.67A 12V, 1.5A
2	Wireless charger RX artificial load	/	/	10W

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	Type-C	/	/	1	/

ACCESSORY

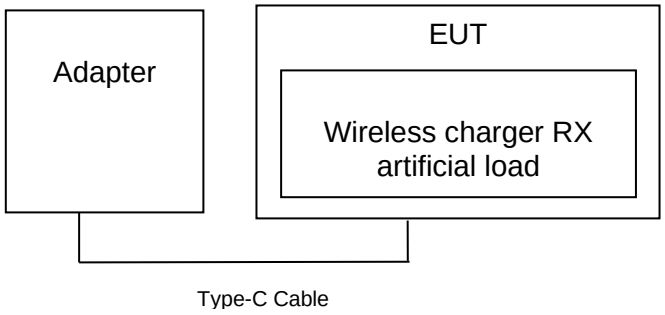
Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

The EUT support wireless charging.

SETUP DIAGRAM FOR TEST

Mode 1 and Mode 2



5.5. MEASURING INSTRUMENT LIST

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Dec. 5, 2019	Dec. 5, 2020
Two-Line V-Network	R&S	ENV216	101983	Dec. 5, 2019	Dec. 5, 2020
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1
Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec. 6, 2019	Dec. 6, 2020
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	HP	8447D	2944A09099	Dec. 5, 2019	Dec. 5, 2020
EMI Measurement Receiver	R&S	ESR26	101377	Dec. 05, 2019	Dec. 05, 2020
Horn Antenna	TDK	HRN-0118	130939	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Dec. 05, 2019	Dec. 05, 2020
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Dec. 05, 2019	Dec. 05, 2020
Loop antenna	Schwarzbeck	1519B	00008	Jan.17, 2019	Jan.17,2022
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Dec. 05, 2019	Dec. 05, 2020
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

6. 20dB BANDWIDTH TEST

LIMITS

20dB Bandwidth

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.215, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

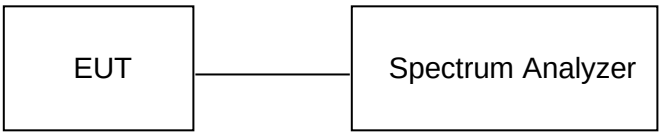
TEST PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the occupied bandwidth
VBW	approximately 3×RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 99%/20 dB relative to the maximum level measured in the fundamental emission.

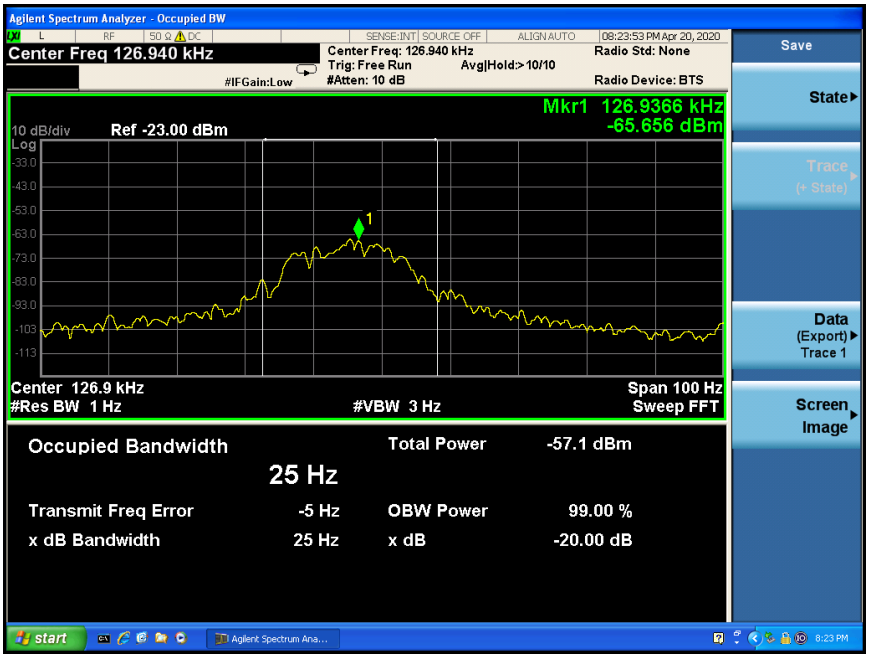
TEST SETUP



RESULTS

Frequency (KHz)	20dB Bandwidth (Hz)	99% Bandwidth (Hz)
126.9	25	25

20dB Bandwidth



Note: All the modes have been tested, only the worst data record in the report.

7. EMISSION TEST

LIMITS

Please refer to FCC §15.205 and §15.209

Radiation Disturbance Test Limit for FCC (Class B)(9KHz-1GHz)

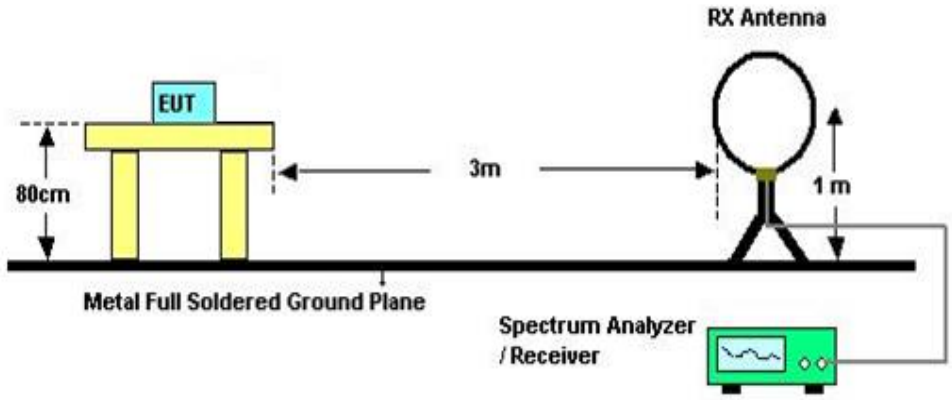
Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

TEST SETUP AND PROCEDURE

Below 30MHz (Loop Antenna)



The setting of the spectrum analyzer

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 and 414788 D01 Radiated Test Site v01.

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80cm meter above ground.

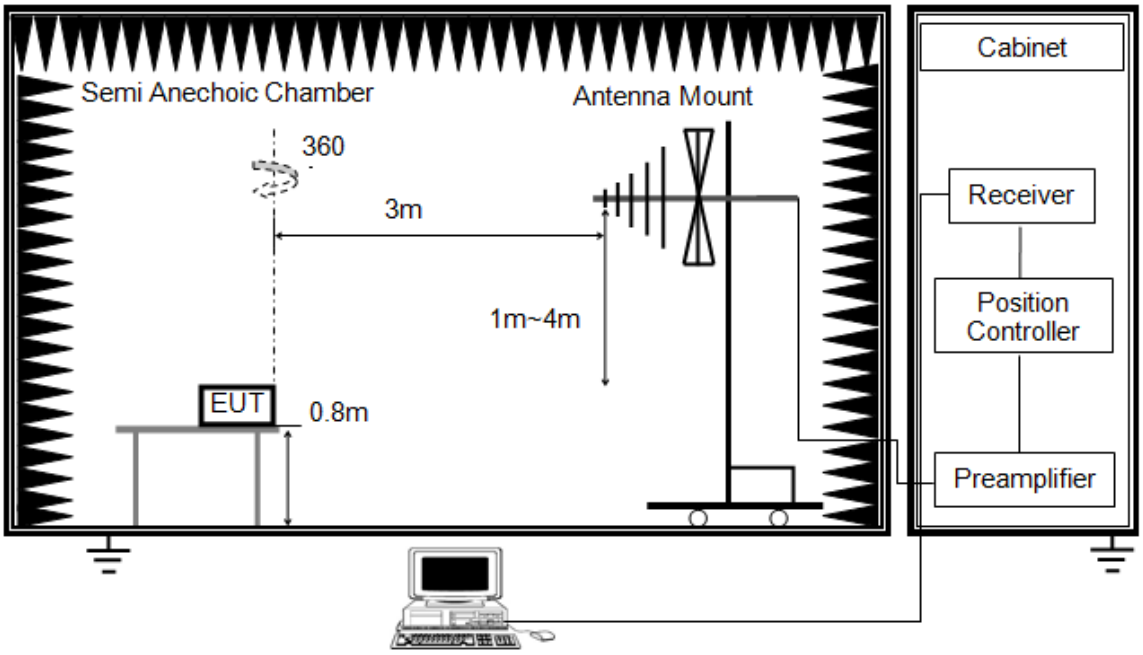
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

Below 1G and above 30MHz



The setting of the spectrum analyzer

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 0.8m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

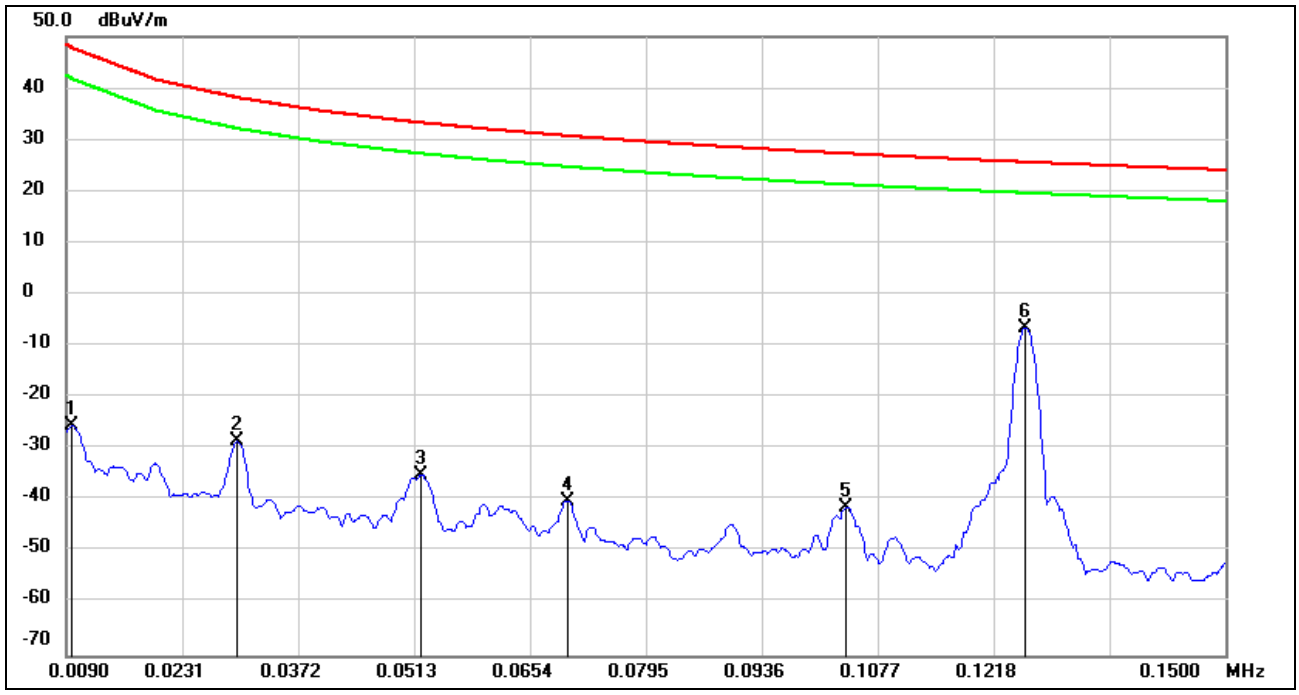
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

RESULTS

7.1. SPURIOUS EMISSIONS BELOW 30MHz

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (MODE 1, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9kHz~ 150kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0097	75.92	-101.43	-25.51	47.88	-73.39	Peak
2	0.0297	72.52	-101.11	-28.59	38.17	-66.76	Peak
3	0.0521	66.39	-101.34	-34.95	33.29	-68.24	Peak
4	0.0699	60.85	-100.98	-40.13	30.71	-70.84	Peak
5	0.1039	60.11	-101.33	-41.22	27.28	-68.50	Peak
6	0.1256	95.05	-101.60	-6.55	25.63	-32.18	Peak

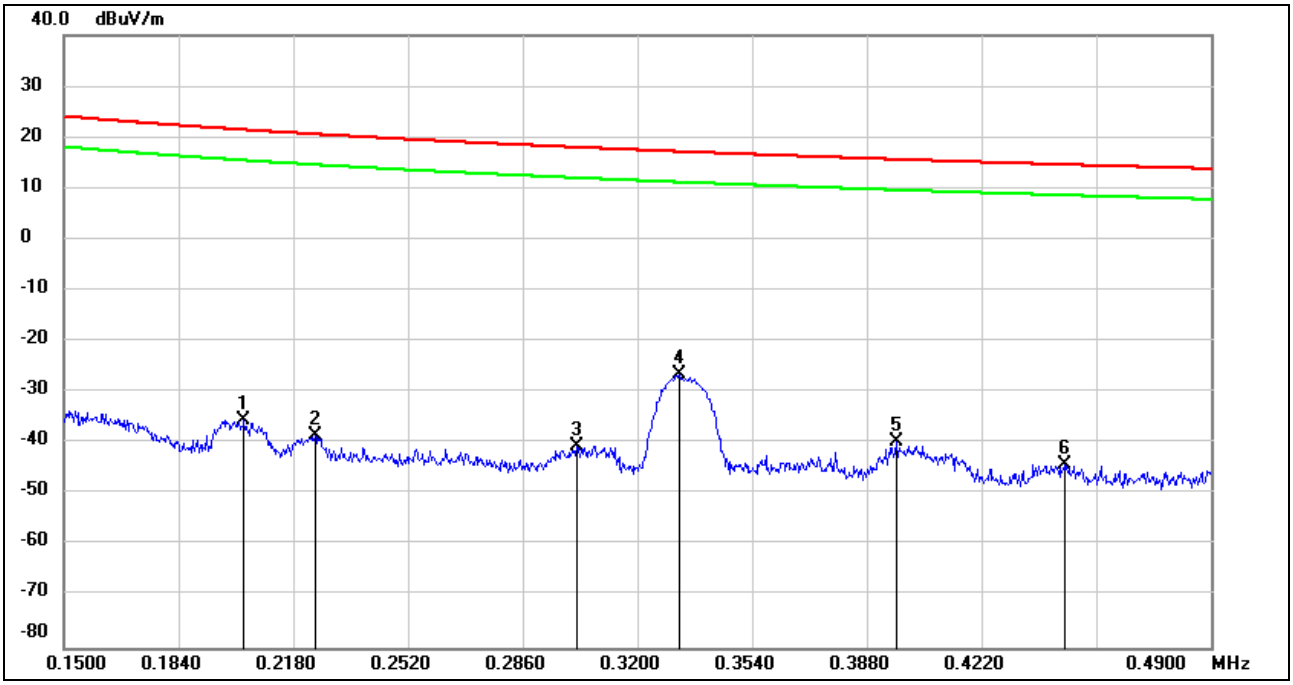
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. The test was performed at 3m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

150kHz ~ 490kHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.2034	66.44	-101.84	-35.40	21.43	-56.83	Peak
2	0.2245	63.29	-101.82	-38.53	20.58	-59.11	Peak
3	0.3020	61.25	-101.77	-40.52	18.00	-58.52	Peak
4	0.3322	75.39	-101.77	-26.38	17.17	-43.55	Peak
5	0.3967	62.05	-101.74	-39.69	15.63	-55.32	Peak
6	0.4468	57.63	-101.72	-44.09	14.60	-58.69	Peak

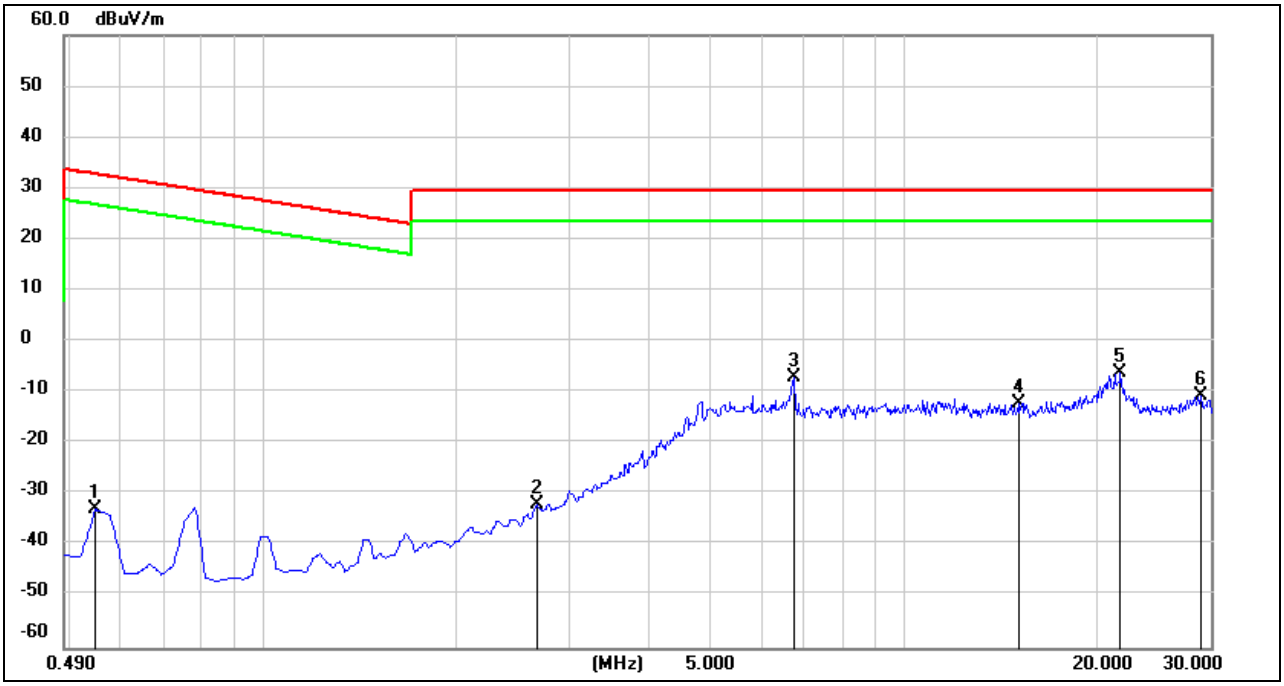
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. The test was performed at 3m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

490kHz ~ 30MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5490	68.32	-101.28	-32.96	32.81	-65.77	Peak
2	2.6737	50.79	-82.61	-31.82	29.54	-61.36	Peak
3	6.7166	54.49	-61.68	-7.19	29.54	-36.73	Peak
4	15.0384	49.50	-61.50	-12.00	29.54	-41.54	Peak
5	21.7076	54.77	-61.05	-6.28	29.54	-35.82	Peak
6	29.0262	50.08	-60.72	-10.64	29.54	-40.18	Peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

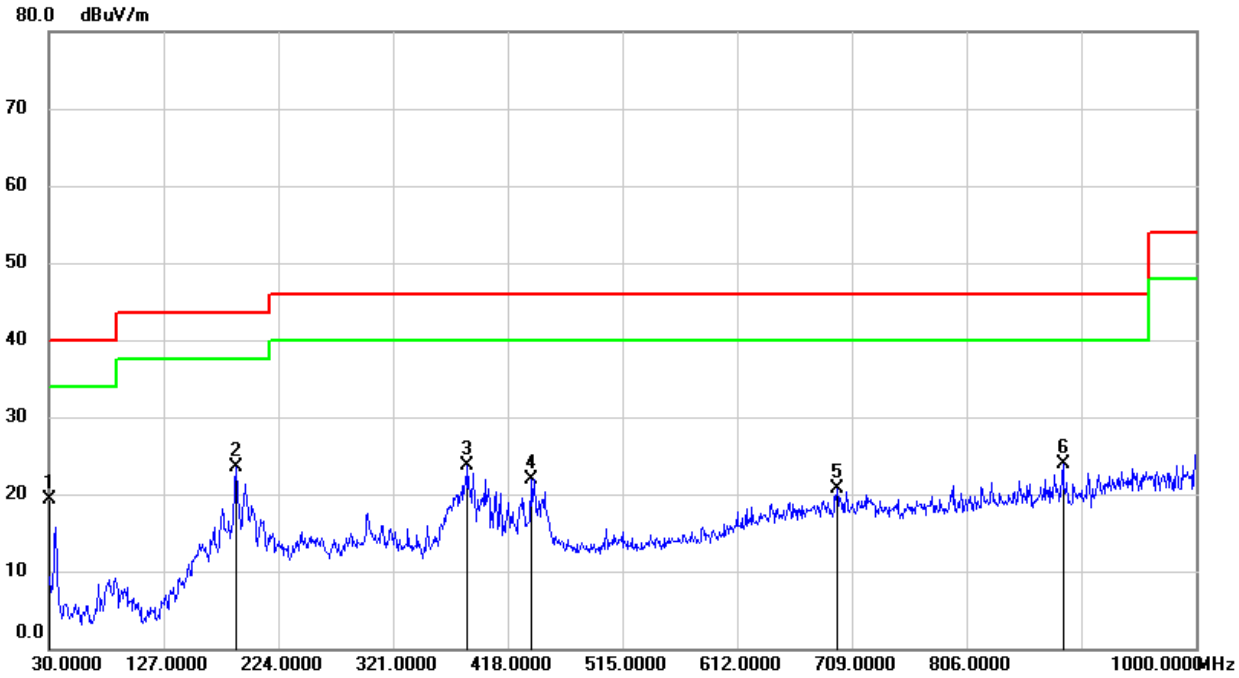
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. The test was performed at 3m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

Note: All the modes have been tested, only the worst data record in the report.

7.2. SPURIOUS EMISSIONS 30MHz - 1GHz

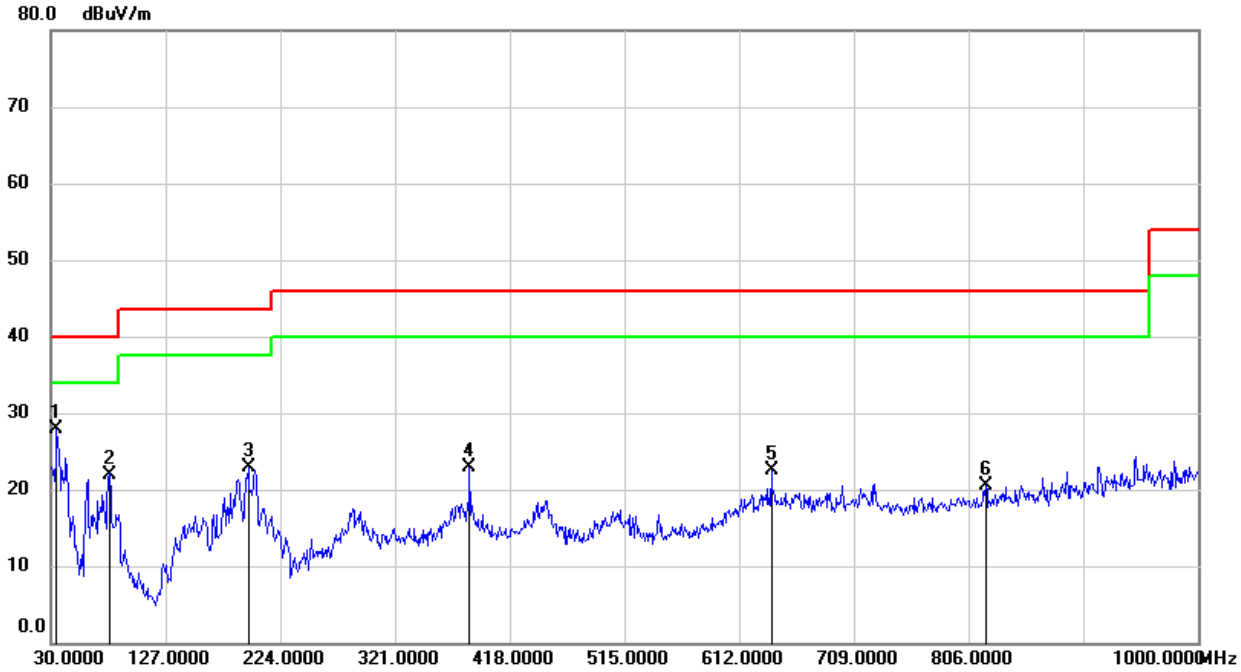
FCC PART15C SPURIOUS EMISSIONS (MODE 1, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	36.22	-16.94	19.28	40.00	-20.72	QP
2	188.1100	40.15	-16.64	23.51	43.50	-19.99	QP
3	384.0500	36.68	-12.97	23.71	46.00	-22.29	QP
4	437.4000	33.97	-12.04	21.93	46.00	-24.07	QP
5	696.3900	27.77	-7.04	20.73	46.00	-25.27	QP
6	887.4800	28.18	-4.36	23.82	46.00	-22.18	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
4. All the noise ared created from the digital circuit. It is not created by wireless charging circuit.

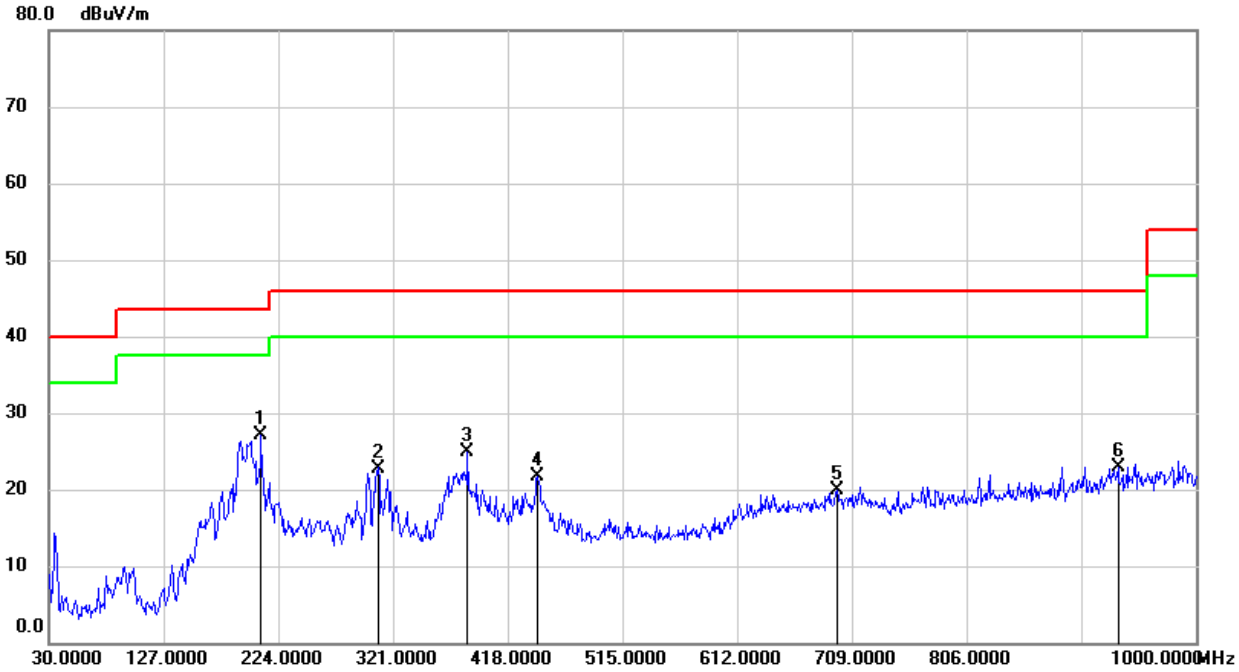
FCC PART15C SPURIOUS EMISSIONS (MODE 1, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	45.42	-17.50	27.92	40.00	-12.08	QP
2	79.4700	42.39	-20.39	22.00	40.00	-18.00	QP
3	196.8400	39.29	-16.44	22.85	43.50	-20.65	QP
4	384.0500	35.90	-12.97	22.93	46.00	-23.07	QP
5	639.1599	30.58	-8.15	22.43	46.00	-23.57	QP
6	820.5500	25.53	-5.10	20.43	46.00	-25.57	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto
4. All the noise ared created from the digital circuit. It is not created by wireless charging circuit.

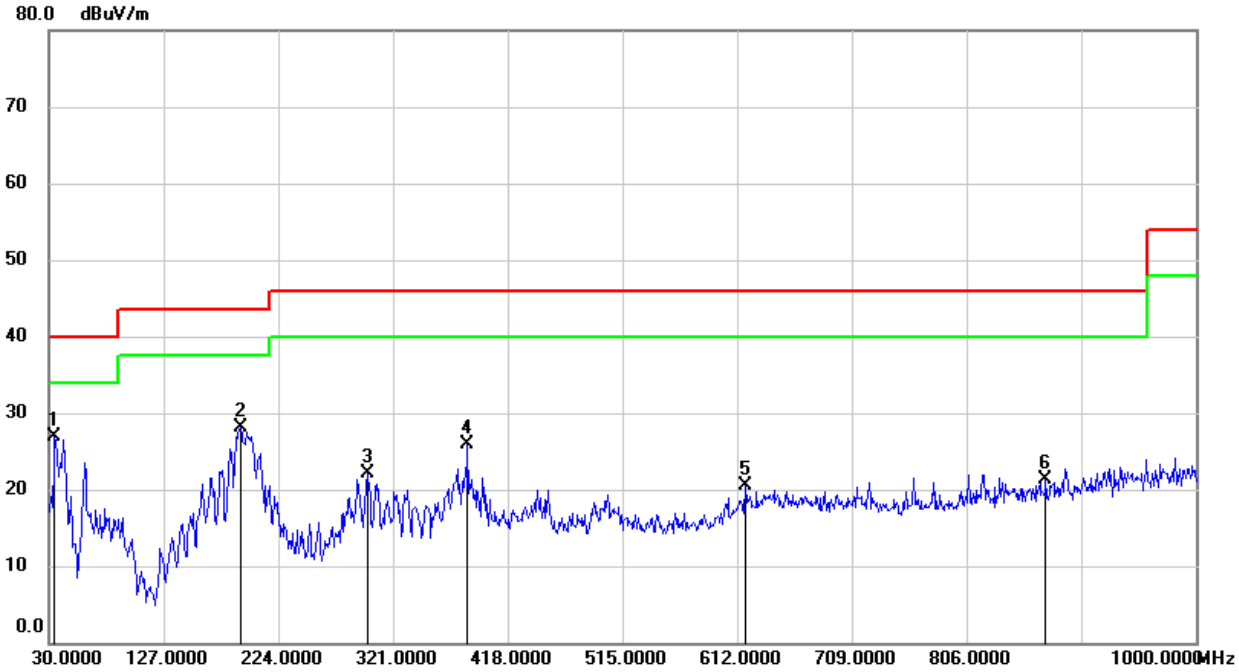
FCC PART15C SPURIOUS EMISSIONS (MODE 2, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	209.4500	43.54	-16.49	27.05	43.50	-16.45	QP
2	308.3900	36.94	-14.14	22.80	46.00	-23.20	QP
3	384.0500	37.89	-12.97	24.92	46.00	-21.08	QP
4	443.2200	33.57	-11.95	21.62	46.00	-24.38	QP
5	696.3900	26.85	-7.04	19.81	46.00	-26.19	QP
6	934.0400	26.74	-3.74	23.00	46.00	-23.00	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
4. All the noise ared created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (MODE 2, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	44.35	-17.50	26.85	40.00	-13.15	QP
2	191.9900	44.58	-16.54	28.04	43.50	-15.46	QP
3	299.6600	36.39	-14.20	22.19	46.00	-23.81	QP
4	384.0500	38.86	-12.97	25.89	46.00	-20.11	QP
5	618.7900	28.95	-8.46	20.49	46.00	-25.51	QP
6	872.9300	25.77	-4.56	21.21	46.00	-24.79	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto
4. All the noise ared created from the digital circuit. It is not created by wireless charging circuit.

Note: All the modes had been tested, but only the worst data recoreded in the report.

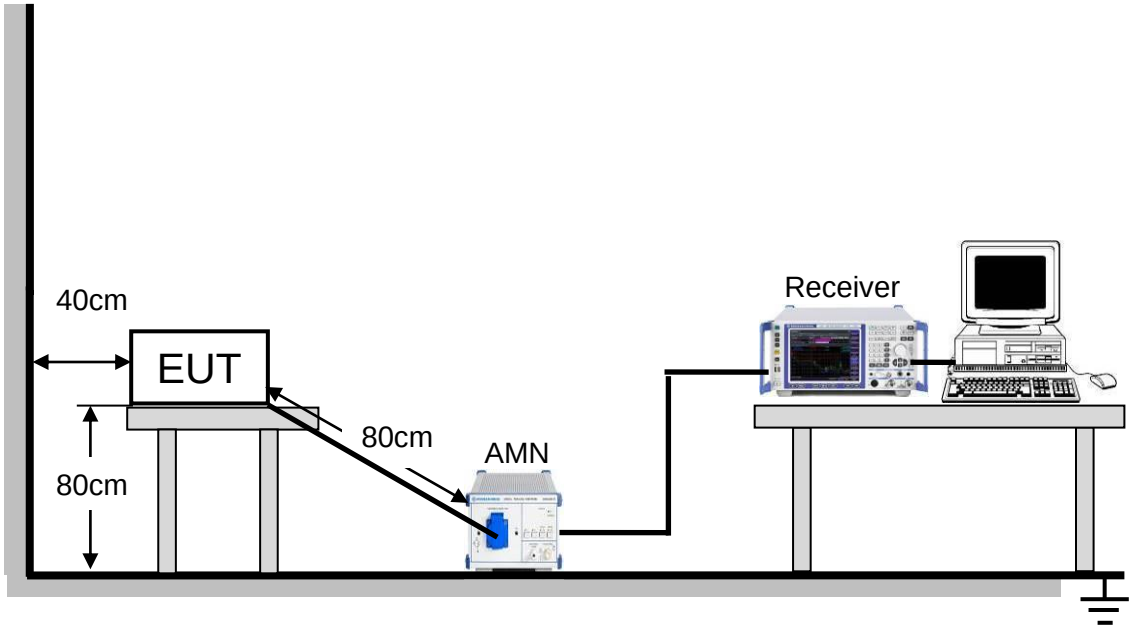
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) .

FREQUENCY (MHz)	(dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

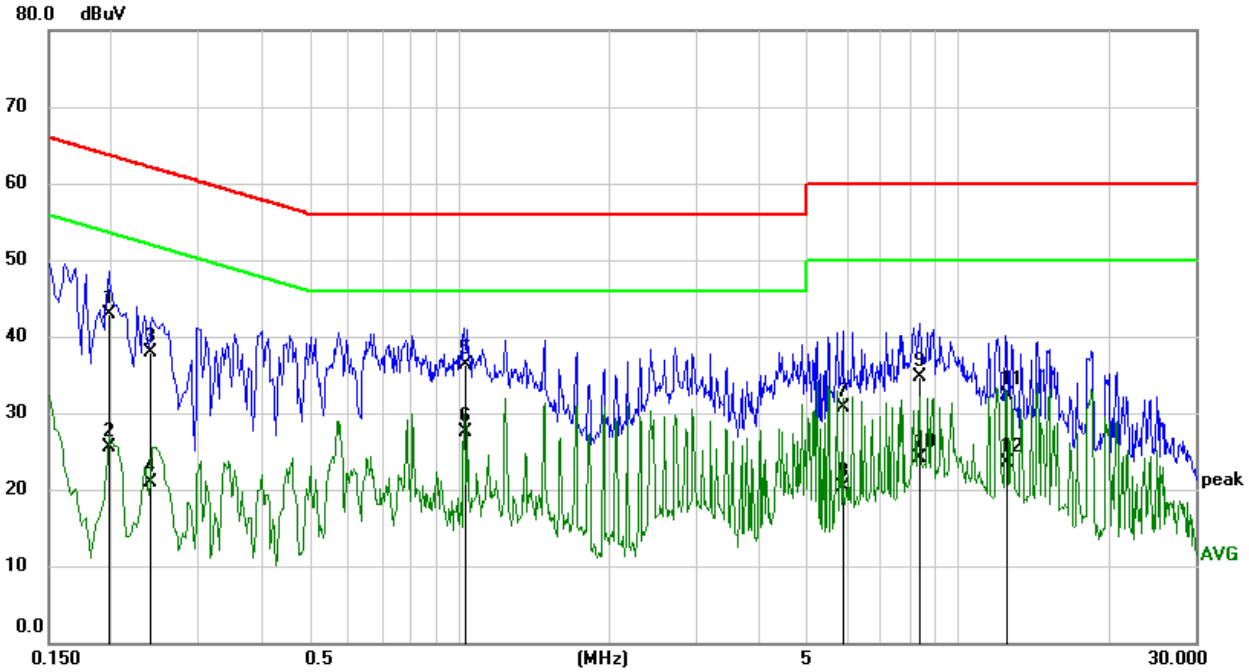
TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 0.8m high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). An EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULTS

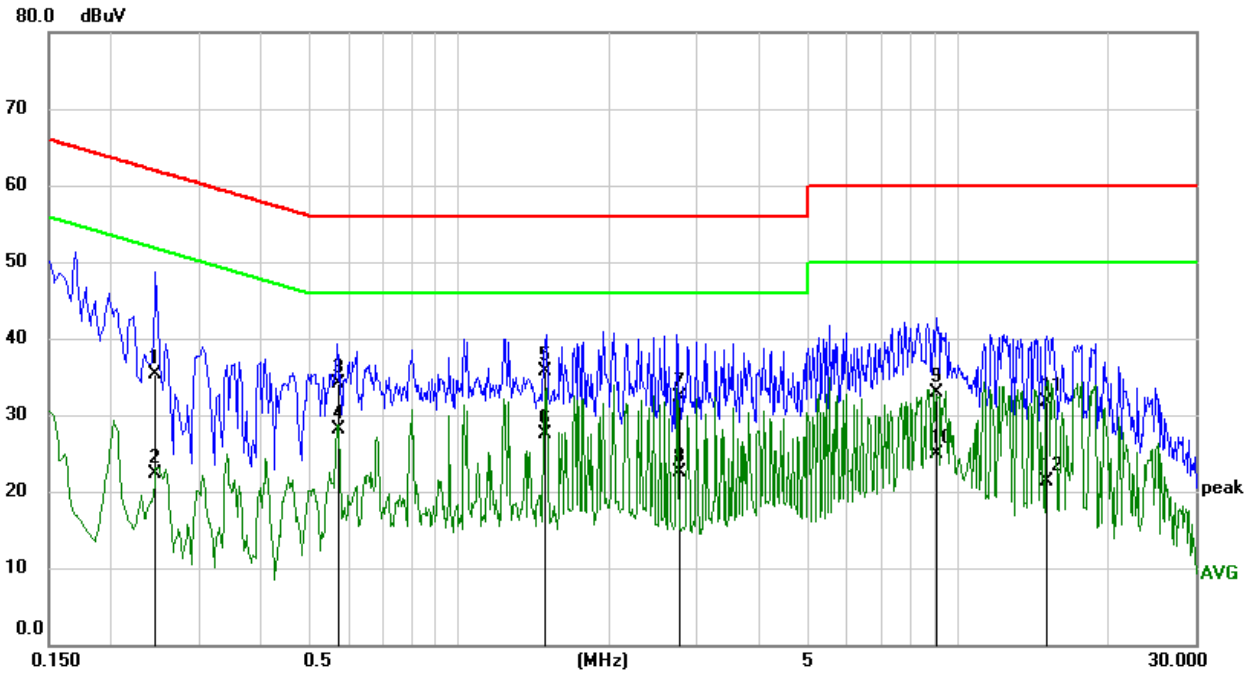
LINE L RESULTS (MODE 1, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1978	33.23	9.60	42.83	63.70	-20.87	QP
2	0.1978	16.00	9.60	25.60	53.70	-28.10	AVG
3	0.2389	28.27	9.60	37.87	62.13	-24.26	QP
4	0.2389	11.23	9.60	20.83	52.13	-31.30	AVG
5	1.0335	26.61	9.61	36.22	56.00	-19.78	QP
6	1.0335	17.92	9.61	27.53	46.00	-18.47	AVG
7	5.8945	20.92	9.70	30.62	60.00	-29.38	QP
8	5.8945	10.68	9.70	20.38	50.00	-29.62	AVG
9	8.3879	24.99	9.72	34.71	60.00	-25.29	QP
10	8.3879	14.32	9.72	24.04	50.00	-25.96	AVG
11	12.5450	22.59	9.79	32.38	60.00	-27.62	QP
12	12.5450	13.78	9.79	23.57	50.00	-26.43	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
5. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

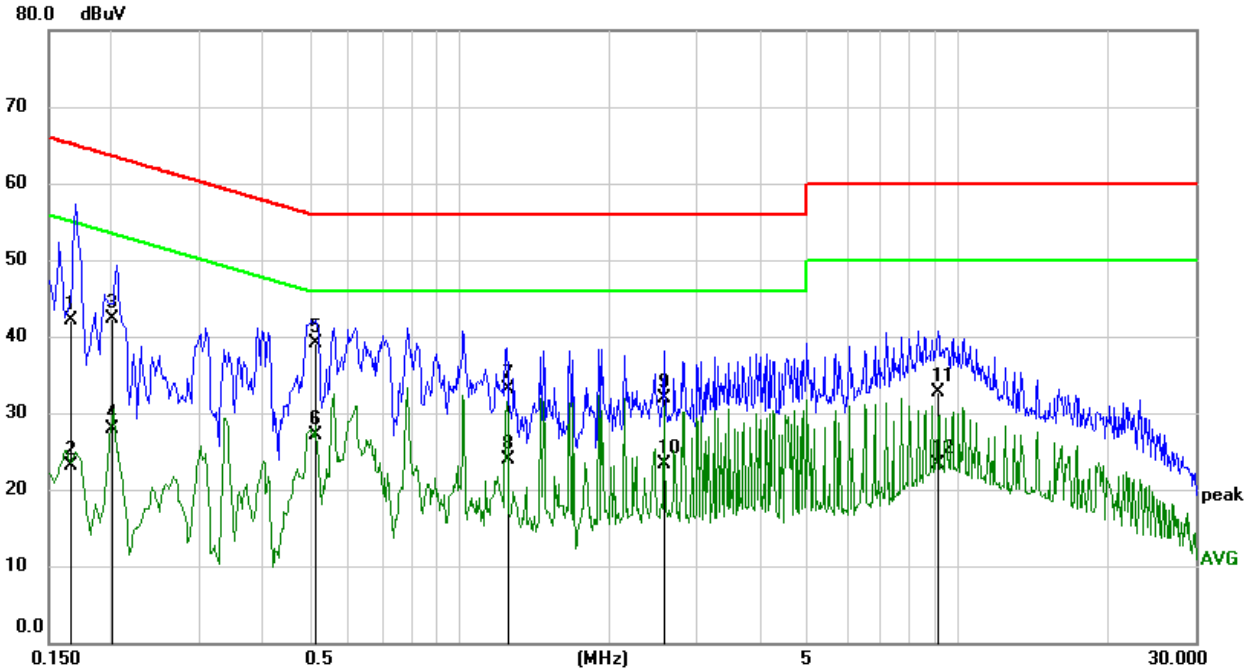
LINE N RESULTS (MODE 1, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2461	25.76	9.60	35.36	61.89	-26.53	QP
2	0.2461	12.74	9.60	22.34	51.89	-29.55	AVG
3	0.5726	24.54	9.60	34.14	56.00	-21.86	QP
4	0.5726	18.53	9.60	28.13	46.00	-17.87	AVG
5	1.4840	26.01	9.61	35.62	56.00	-20.38	QP
6	1.4840	17.81	9.61	27.42	46.00	-18.58	AVG
7	2.7640	22.61	9.65	32.26	56.00	-23.74	QP
8	2.7640	12.85	9.65	22.50	46.00	-23.50	AVG
9	9.1175	23.09	9.75	32.84	60.00	-27.16	QP
10	9.1175	15.17	9.75	24.92	50.00	-25.08	AVG
11	15.1082	21.87	9.90	31.77	60.00	-28.23	QP
12	15.1082	11.49	9.90	21.39	50.00	-28.61	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
5. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

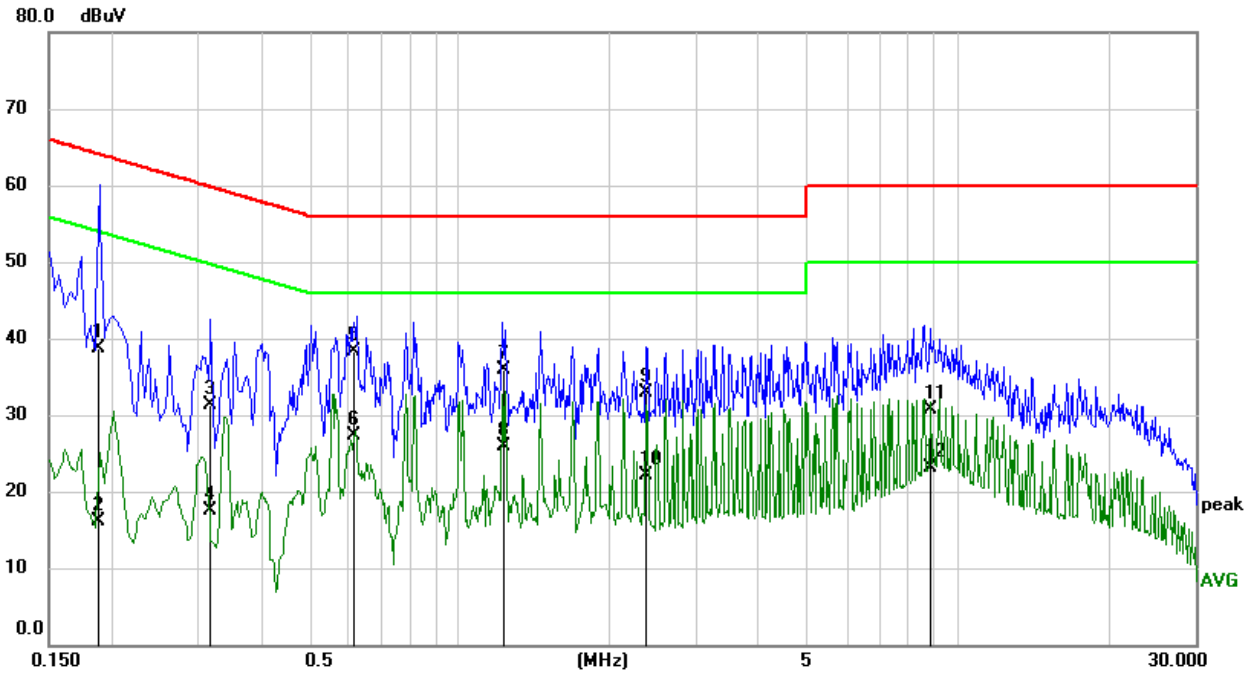
LINE L RESULTS (MODE 2, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1657	32.52	9.61	42.13	65.17	-23.04	QP
2	0.1657	13.44	9.61	23.05	55.17	-32.12	AVG
3	0.2010	32.78	9.60	42.38	63.57	-21.19	QP
4	0.2010	18.26	9.60	27.86	53.57	-25.71	AVG
5	0.5148	29.52	9.60	39.12	56.00	-16.88	QP
6	0.5148	17.43	9.60	27.03	46.00	-18.97	AVG
7	1.2508	23.59	9.61	33.20	56.00	-22.80	QP
8	1.2508	14.28	9.61	23.89	46.00	-22.11	AVG
9	2.5869	22.31	9.64	31.95	56.00	-24.05	QP
10	2.5869	13.75	9.64	23.39	46.00	-22.61	AVG
11	9.1056	23.05	9.73	32.78	60.00	-27.22	QP
12	9.1056	13.55	9.73	23.28	50.00	-26.72	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
5. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

LINE N RESULTS (MODE 2, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1884	29.15	9.60	38.75	64.11	-25.36	QP
2	0.1884	6.44	9.60	16.04	54.11	-38.07	AVG
3	0.3144	21.79	9.60	31.39	59.85	-28.46	QP
4	0.3144	7.83	9.60	17.43	49.85	-32.42	AVG
5	0.6178	28.77	9.60	38.37	56.00	-17.63	QP
6	0.6178	17.80	9.60	27.40	46.00	-18.60	AVG
7	1.2300	26.31	9.61	35.92	56.00	-20.08	QP
8	1.2300	16.26	9.61	25.87	46.00	-20.13	AVG
9	2.3761	23.20	9.63	32.83	56.00	-23.17	QP
10	2.3761	12.42	9.63	22.05	46.00	-23.95	AVG
11	8.8308	20.88	9.74	30.62	60.00	-29.38	QP
12	8.8308	13.35	9.74	23.09	50.00	-26.91	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
5. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

Note: All the modes have been tested, only the worst data record in the report.

END OF REPORT