FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

PADDOCKDUO

MODEL NUMBER: 0010031

REPORT NUMBER: 4791630767-2-4-RF-1

ISSUE DATE: June 6, 2025

FCC ID: 2AZI9-PADDUO

Prepared for

Hermès Sellier
24 Rue du Faubourg Saint-Honorè, PARIS, 75008 France

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	June 6, 2025	Initial Issue	

Summary of Test Results		
Description of Test Item	**Standard**	**Results**
Radiated Emission Test	FCC 15.209	PASS
20dB Bandwidth	FCC 15.215	PASS
AC Power Line Conducted Emission	FCC Part 15.207	PASS
Note 1: This test report is only published to and used by the applicant, and it is not for evidence purpose in China. Note 2: The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 15 SUBPART C > when < Simple Acceptance > decision rule is applied		

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Hermès Sellier
Address:	24 Rue du Faubourg Saint-Honorè, PARIS, 75008 France

Manufacturer Information

Company Name:	Hermès Sellier
Address:	24 Rue du Faubourg Saint-Honorè, PARIS, 75008 France

EUT Information

EUT Name:	PADDOCKDUO
Model:	0010031
Brand:	Hermès Paris
Sample Received Date:	March 20, 2025
Sample Status:	Normal
Sample ID:	8197354-2
Date of Tested:	March 21, 2025, 2024 to May 30, 2025

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

Prepared By:

Wite Chen

Engineer Project Associate

Checked By:

Kebo zhang

Operations Leader

Approved By:

Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC CFR 47 Part 2, KDB 414788 D01 Radiated Test Site v01r01, CFR 47 FCC Part 15, ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

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 **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.

Note 1: All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China

Note 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.

Note 3: For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz 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	Uncertainty
Conduction Emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Occupied Bandwidth	±0.0196%
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	PADDOCKDUO	
Model	0010031	
Product Description	Operation Frequency	127.7kHz, 326.6kHz, 360kHz and 1.778MHz
Rated Output Power	Output: Coil 1:15W Max Coil 2: 5W Max	
Antenna type	Coil	
ADAPTER Ratings	20W ADAPTER Input: 100-240V~, 50/60Hz, 0.5A Output: 5.0Vdc, 3.0A, 9.0Vdc, 2.22A 30W ADAPTER Input: 100-240V~, 50/60Hz, 0.75A Output: 5.0Vdc, 3.0A, 9.0Vdc, 3.0A, 15Vdc, 2.0A, 20Vdc, 1.5A	
EUT Ratings	Input: 2.22A to 3A Output: Coil 1:15W Max Coil 2: 5W Max	

Note: All the rating has been tested, but only the worst data was recorded in the report.

5.2. TEST MODE

Test Mode	Description
M01	Charging with 30 W (1% battery status of AirPods Pro2 at section A) 127.7 kHz
M02	Charging with 30 W (1% battery status of iPhone 16e) 127.7 kHz
M03	Charging with 30 W (1% battery status of iPhone 16) 360 kHz
M04	Charging with 30 W (1% battery status of iWatch SE) 326.6 kHz
M05	Charging with 30 W (1% battery status of iWatch Series 10) 1.778 MHz
M06	Charging with 30 W (1% battery status of AirPods Pro2 at section B) 326.6 kHz
M07	Charging with 30 W (50% battery status of AirPods Pro2 at section A)
M08	Charging with 30 W (50% battery status of iPhone 16e)
M09	Charging with 30 W (50% battery status of iPhone 16)
M10	Charging with 30 W (50% battery status of iWatch SE)
M11	Charging with 30 W (50% battery status of iWatch Series 10)
M12	Charging with 30 W (50% battery status of AirPods Pro2 at section B)
M13	Charging with 30 W (99% battery status of AirPods Pro2 at section A)
M14	Charging with 30 W (99% battery status of iPhone 16e)
M15	Charging with 30 W (99% battery status of iPhone 16)

M16	Charging with 30 W (99% battery status of iWatch SE)
M17	Charging with 30 W (99% battery status of iWatch Series 10)
M18	Charging with 30 W (99% battery status of AirPods Pro2 at section B)
M19	Charging with 20 W (1% battery status of AirPods Pro2 at section A)
M20	Charging with 20 W (1% battery status of iPhone 16e)
M21	Charging with 20 W (1% battery status of iPhone 16)
M22	Charging with 20 W (1% battery status of iWatch SE)
M23	Charging with 20 W (1% battery status of iWatch Series 10)
M24	Charging with 20 W (1% battery status of AirPods Pro2 at section B)
M25	Charging with 20 W (50% battery status of AirPods Pro2 at section A)
M26	Charging with 20 W (50% battery status of iPhone 16e)
M27	Charging with 20 W (50% battery status of iPhone 16)
M28	Charging with 20 W (50% battery status of iWatch SE)
M29	Charging with 20 W (50% battery status of iWatch Series 10)
M30	Charging with 20 W (50% battery status of AirPods Pro2 at section B)
M31	Charging with 20 W (99% battery status of AirPods Pro2 at section A)
M32	Charging with 20 W (99% battery status of iPhone 16e)
M33	Charging with 20 W (99% battery status of iPhone 16)
M34	Charging with 20 W (99% battery status of iWatch SE)
M35	Charging with 20 W (99% battery status of iWatch Series 10)
M36	Charging with 20 W (99% battery status of AirPods Pro2 at section B)
M37	Worst adapter and worst peripheral at section A + Worst adapter and worst peripheral at section B
M38	Standby with 20 W adapter (326KHz)
M39	Standby with 30 W adapter (326KHz)

5.3. ACCESSORY

SUPPORT EQUIPMENT

20W ADAPTER	
Model No.:	A2347
Input:	100-240V~, 50/60Hz, 0.5A
Output:	5.0Vdc, 3.0A, 9.0Vdc, 2.22A

30W ADAPTER	
Model No.:	A2164
Input:	100-240V~, 50/60Hz, 0.75A
Output:	5.0Vdc, 3.0A, 9.0Vdc, 3.0A, 15Vdc, 2.0A, 20Vdc, 1.5A

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
/	/	/	/	/	/

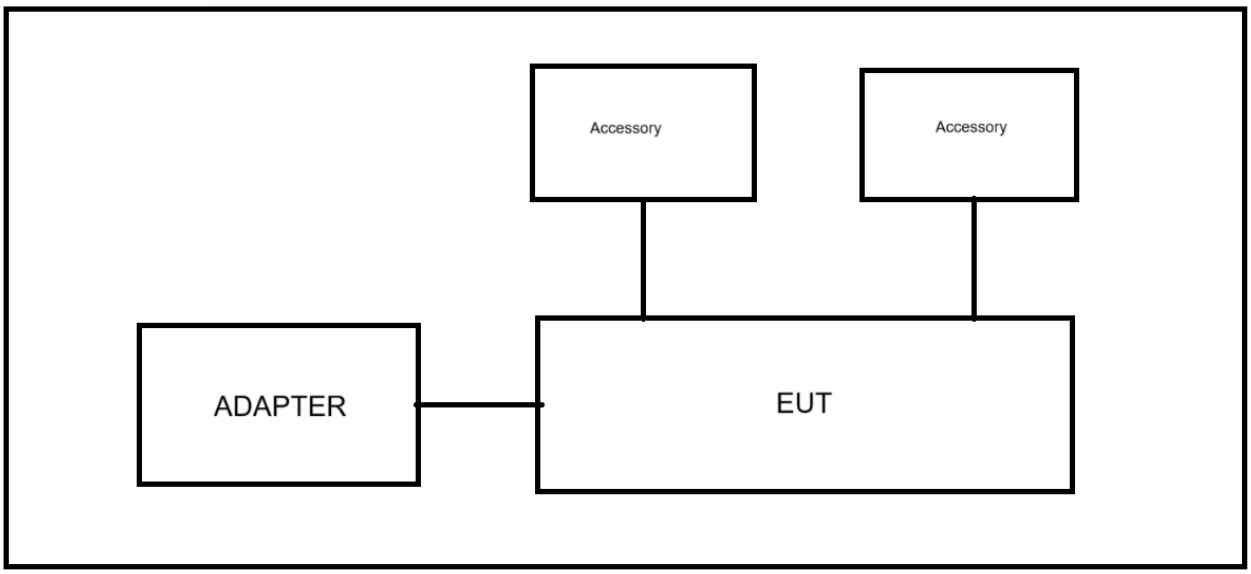
ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	Mobile phone	APPLE	Iphone 11	/
2	Mobile phone	APPLE	Iphone 16	/
3	TWS earphones	APPLE	Air Pods Pro	/
4	Apple Watch	APPLE	iWatch SE	
5	Apple Watch	APPLE	iWatch Series 10	
6	20W ADAPTER	APPLE	A2347	/
7	30W ADAPTER	APPLE	A2164	/

TEST SETUP

The EUT support wireless charging.

SETUP DIAGRAM FOR TEST



5.4. MEASURING INSTRUMENT LIST

Test Equipment of Conducted emissions					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	101961	Sep. 28, 2024	Sep. 27, 2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101983	Sep. 28, 2024	Sep. 27, 2025
Test Software for Conducted Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep. 28, 2024	Sep. 27, 2025
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 27, 2024	Jun. 28, 2027
Preamplifier	HP	8447D	2944A09099	Sep. 28, 2024	Sep. 27, 2025
Loop antenna	Schwarzbeck	1519B	00008	Dec.9, 2024	Dec.8, 2027
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Sep. 28, 2024	Sep. 27, 2025
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

Other Instruments					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep. 28, 2024	Sep. 27, 2025

6. 20dB BANDWIDTH TEST

LIMITS

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

The transmitter output is connected to the spectrum analyzer. The RBW is set to 1 kHz. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 99% bandwidth function is utilized.
Note: Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.
The type of band for the signal is narrowband.

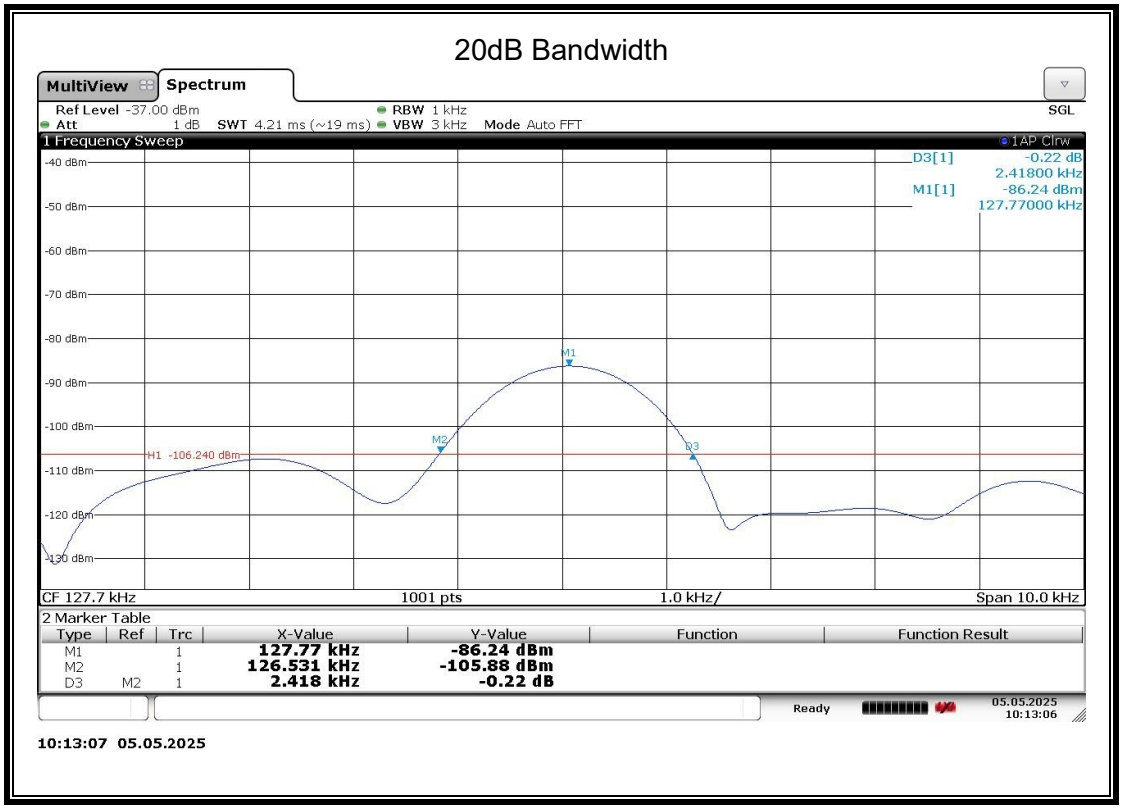
TEST SETUP

TEST ENVIRONMENT

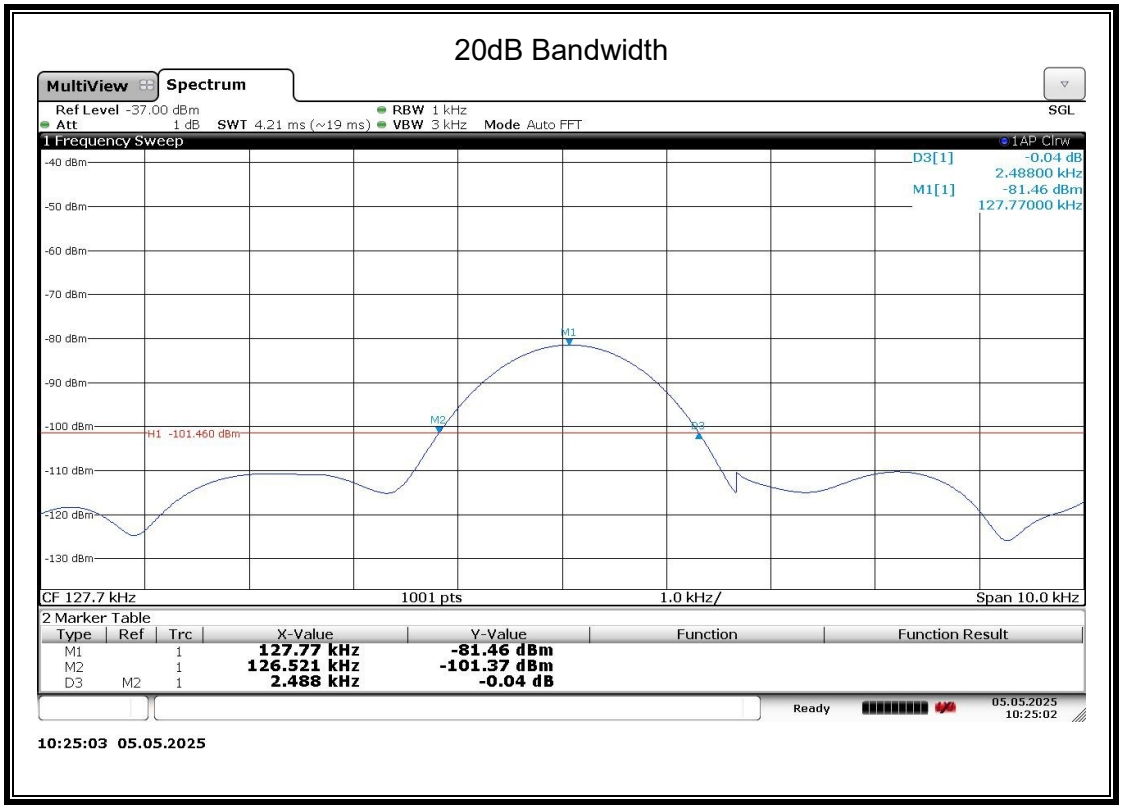
Temperature	24.1 °C	Relative Humidity	68 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

RESULTS

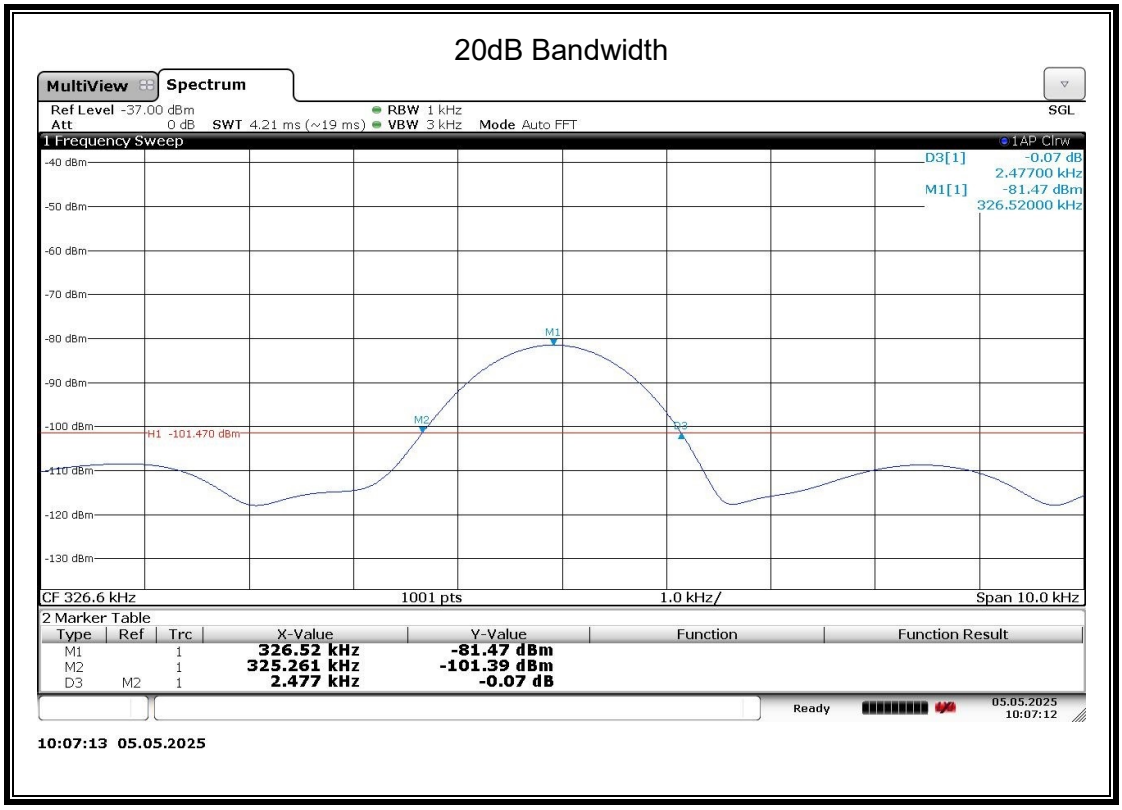
Frequency (kHz) (For AirPods Pro2)	20dB Bandwidth (kHz)
127.7	2.418



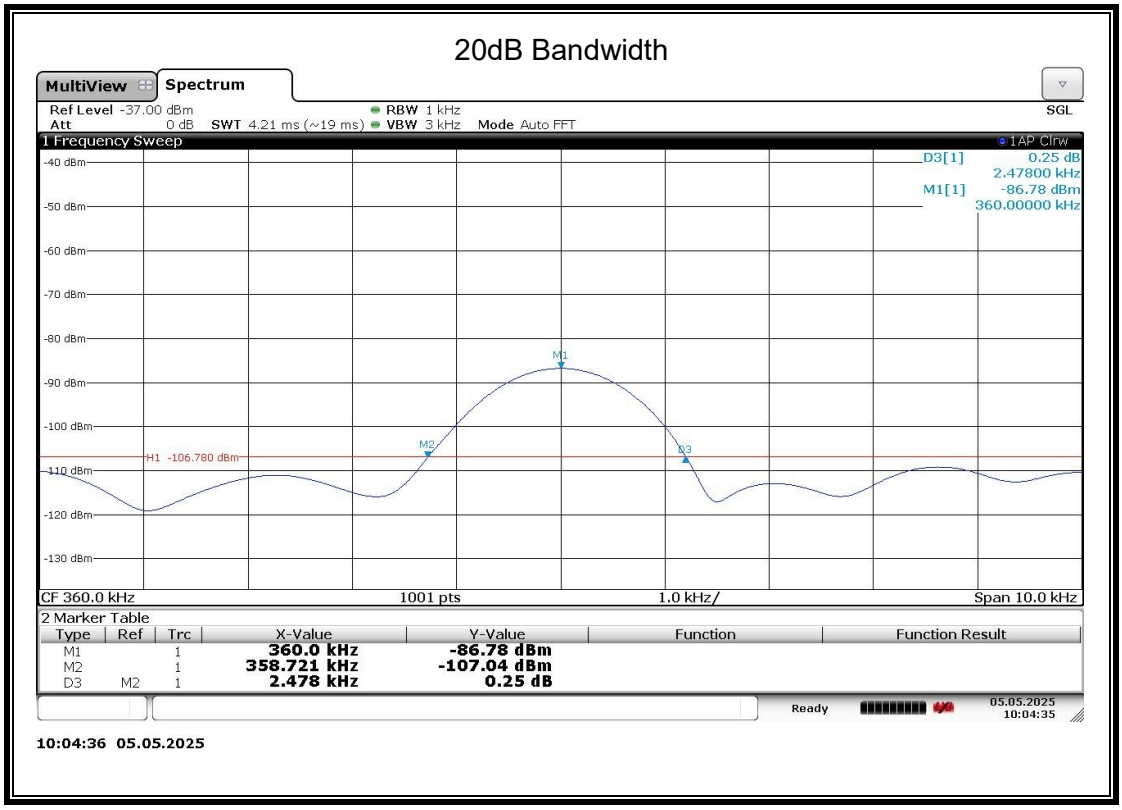
Frequency (kHz) (For IPHONE 11)	20dB Bandwidth (kHz)
127.7	2.488



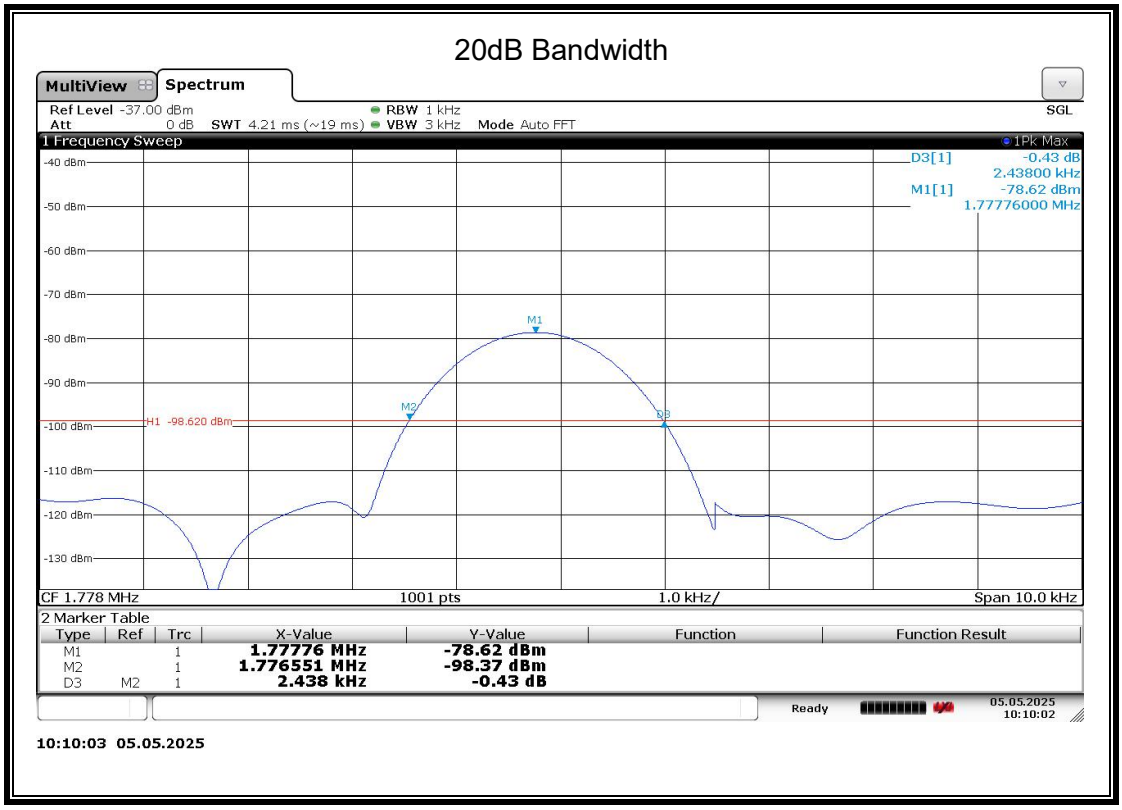
Frequency (kHz)	20dB Bandwidth (kHz)
326.6	2.477



Frequency (kHz)	20dB Bandwidth (kHz)
360	2.478



Frequency (kHz)	20dB Bandwidth (kHz)
1778	2.438



7. RADIATED EMISSION TEST

LIMITS

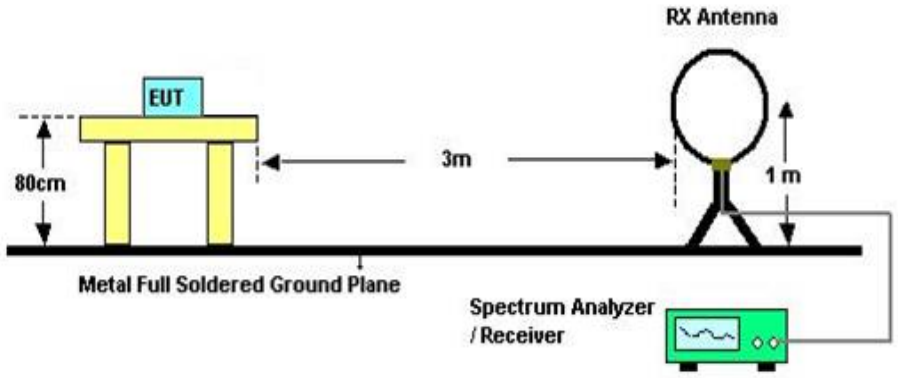
Please refer to CFR 47 FCC §15.205 and §15.209.

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

Emissions radiated outside of the specified frequency bands below 30 MHz		
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

TEST SETUP AND PROCEDURE

Below 30 MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.

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 above ground.

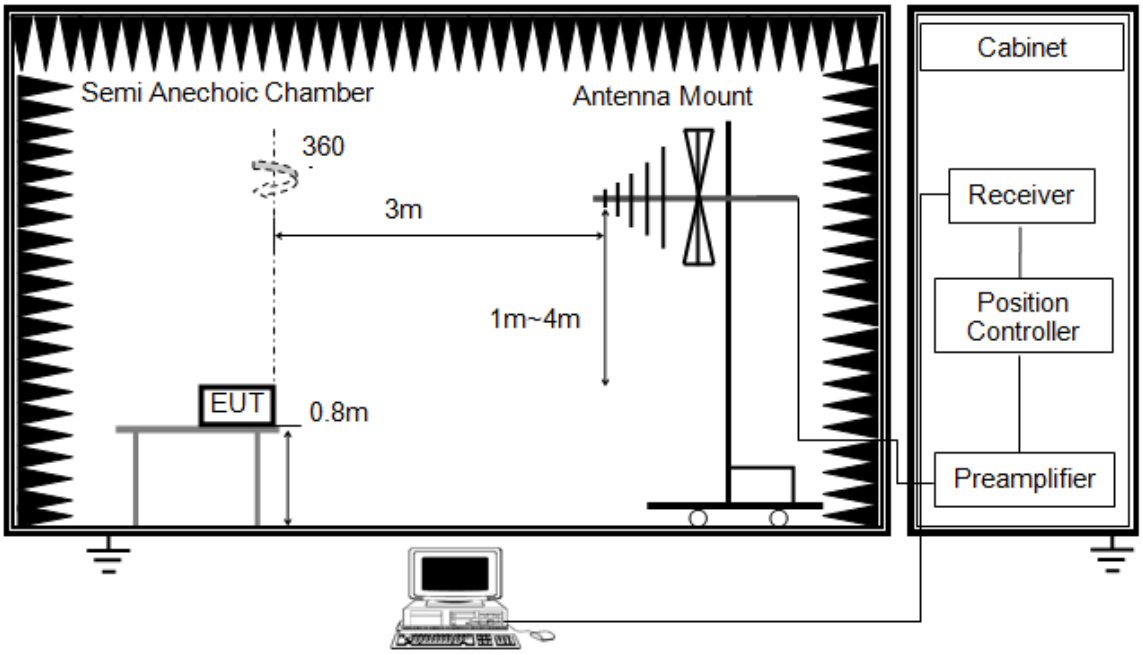
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1.3 m height antenna tower.

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 1 GHz, 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 and average 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 and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field 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 site based on KDB 414788.

Below 1 GHz and above 30 MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.

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 80 cm 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 1 GHz, 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.

TEST ENVIRONMENT

Temperature	22.5 °C	Relative Humidity	59 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

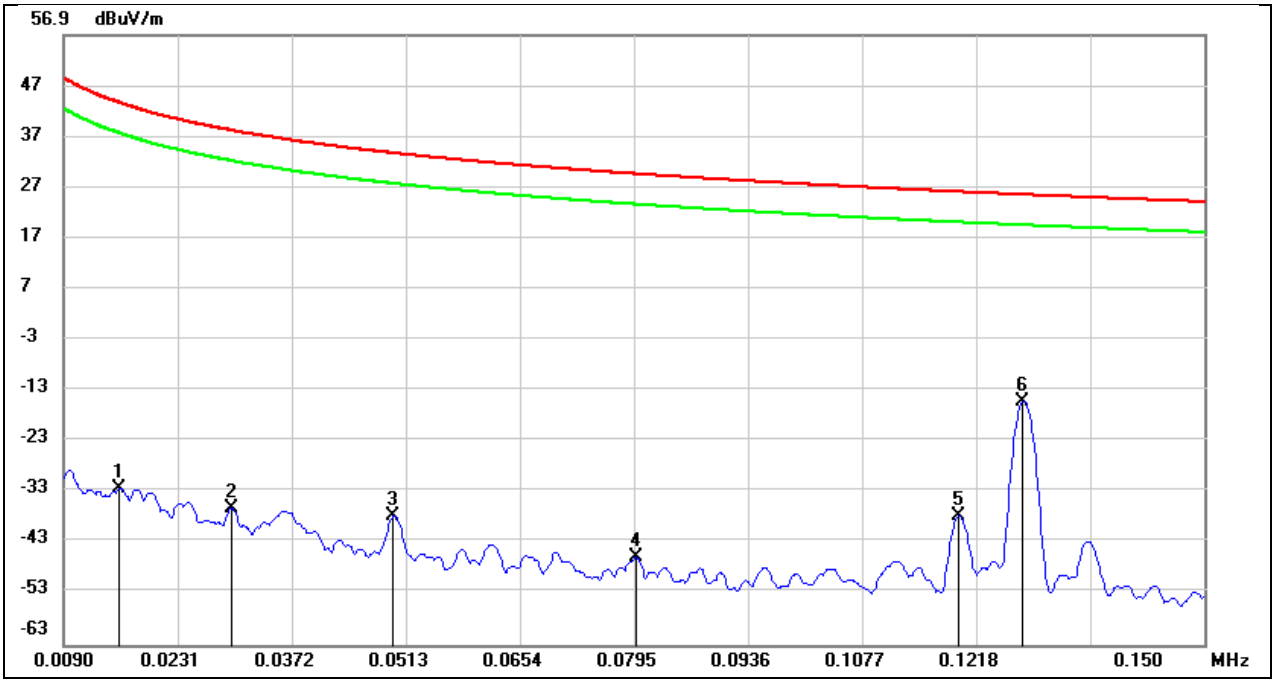
RESULTS

7.1. SPURIOUS EMISSIONS BELOW 30 MHz

7.1.1. Test result of M01

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

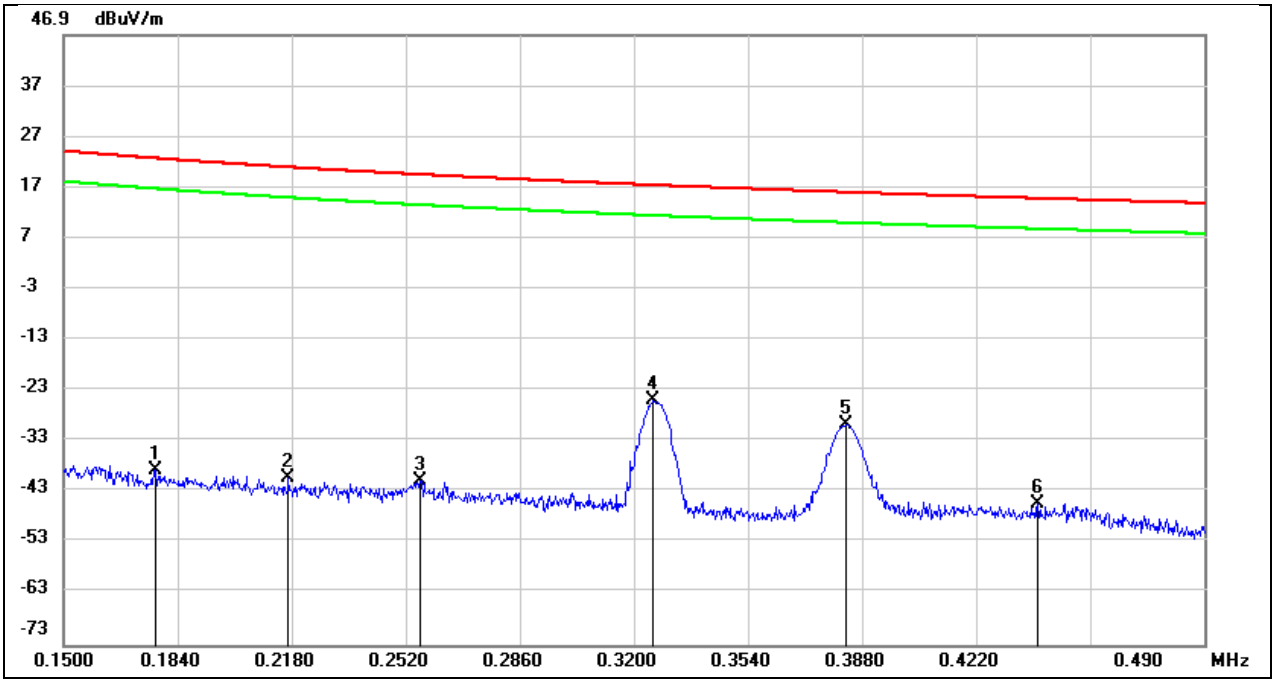
9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0159	57.54	-89.76	-32.22	43.57	-75.79	peak
2	0.0297	54.63	-90.96	-36.33	38.15	-74.48	peak
3	0.0497	53.86	-91.69	-37.83	33.67	-71.50	peak
4	0.0798	46.63	-92.60	-45.97	29.56	-75.53	peak
5	0.1197	54.65	-92.47	-37.82	26.04	-63.86	peak
6	0.1276	77.19	-92.42	-15.23	25.49	-40.72	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1775	53.32	-92.10	-38.78	22.62	-61.40	peak
2	0.2170	51.65	-92.03	-40.38	20.87	-61.25	peak
3	0.2564	51.36	-92.21	-40.85	19.42	-60.27	peak
4	0.3258	67.36	-92.45	-25.09	17.34	-42.43	peak
5	0.3832	62.76	-92.57	-29.81	15.93	-45.74	peak
6	0.4404	47.27	-92.68	-45.41	14.73	-60.14	peak

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

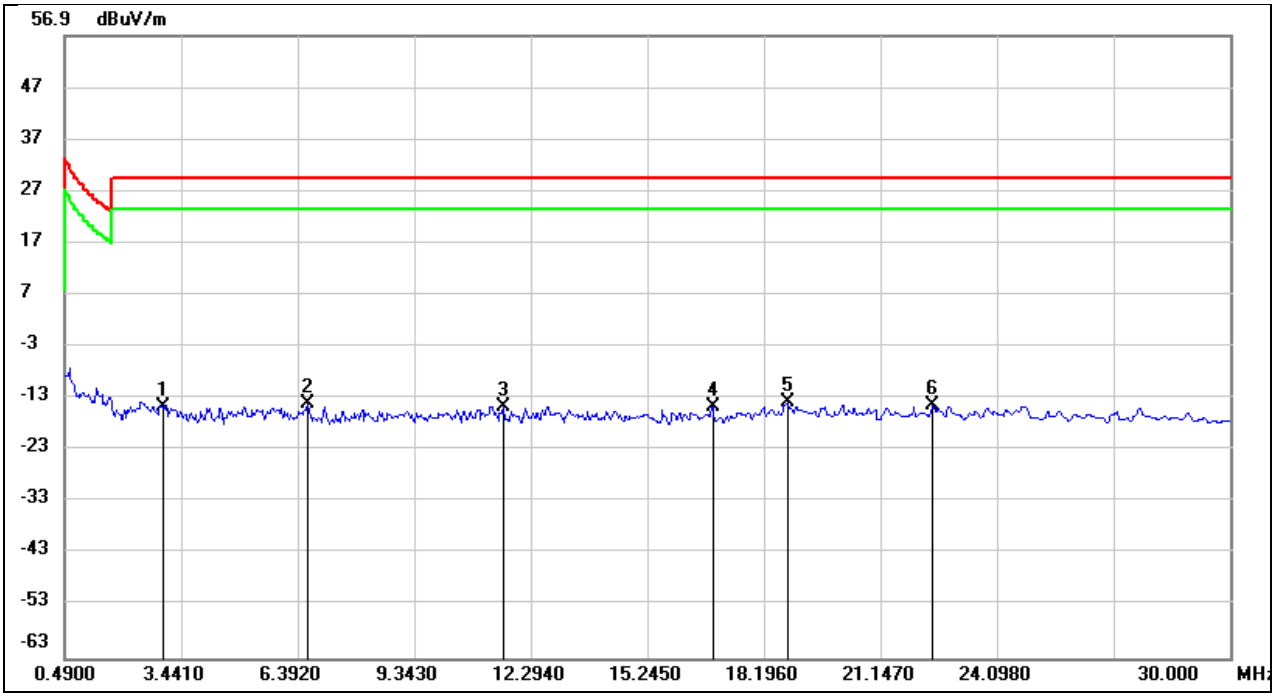
2. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.

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

5. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT.

490 kHz ~ 30 MHz



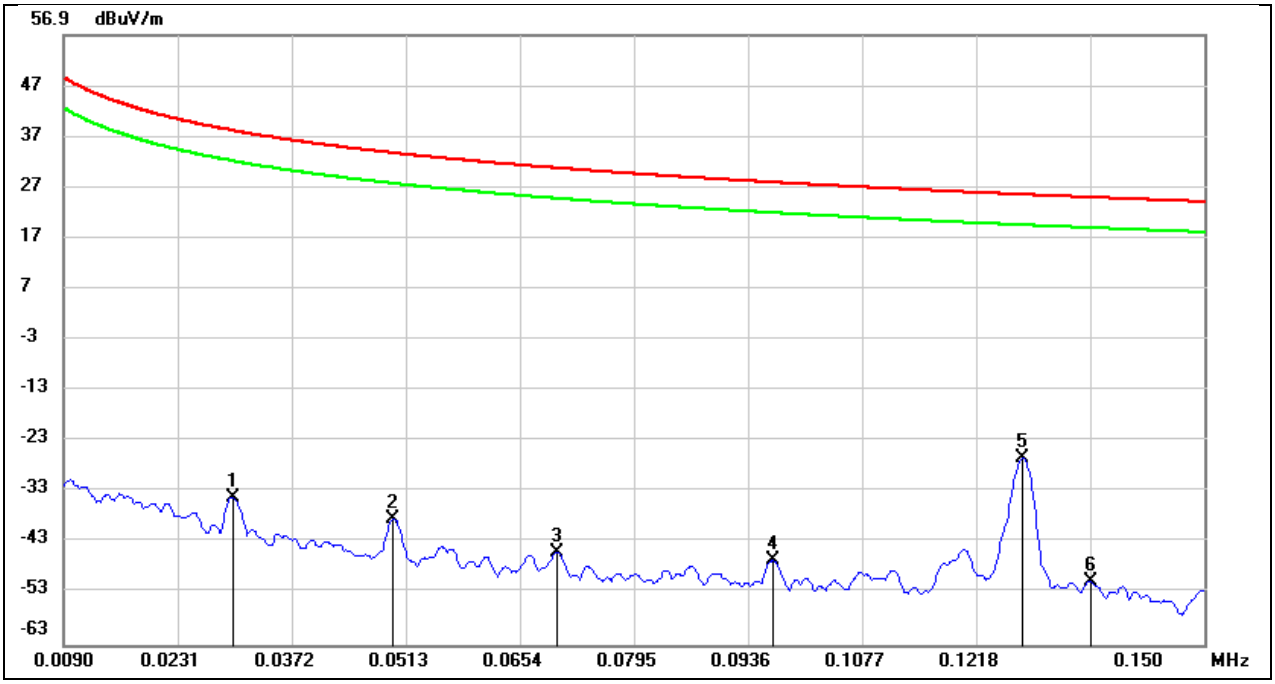
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2.9983	36.22	-50.83	-14.61	29.54	-44.15	QP
2	6.6576	37.14	-51.21	-14.07	29.54	-43.61	QP
3	11.6153	36.28	-50.82	-14.54	29.54	-44.08	QP
4	16.8976	35.74	-50.36	-14.62	29.54	-44.16	QP
5	18.8157	36.19	-50.08	-13.89	29.54	-43.43	QP
6	22.4748	35.21	-49.65	-14.44	29.54	-43.98	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.1.2. Test result of M02

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

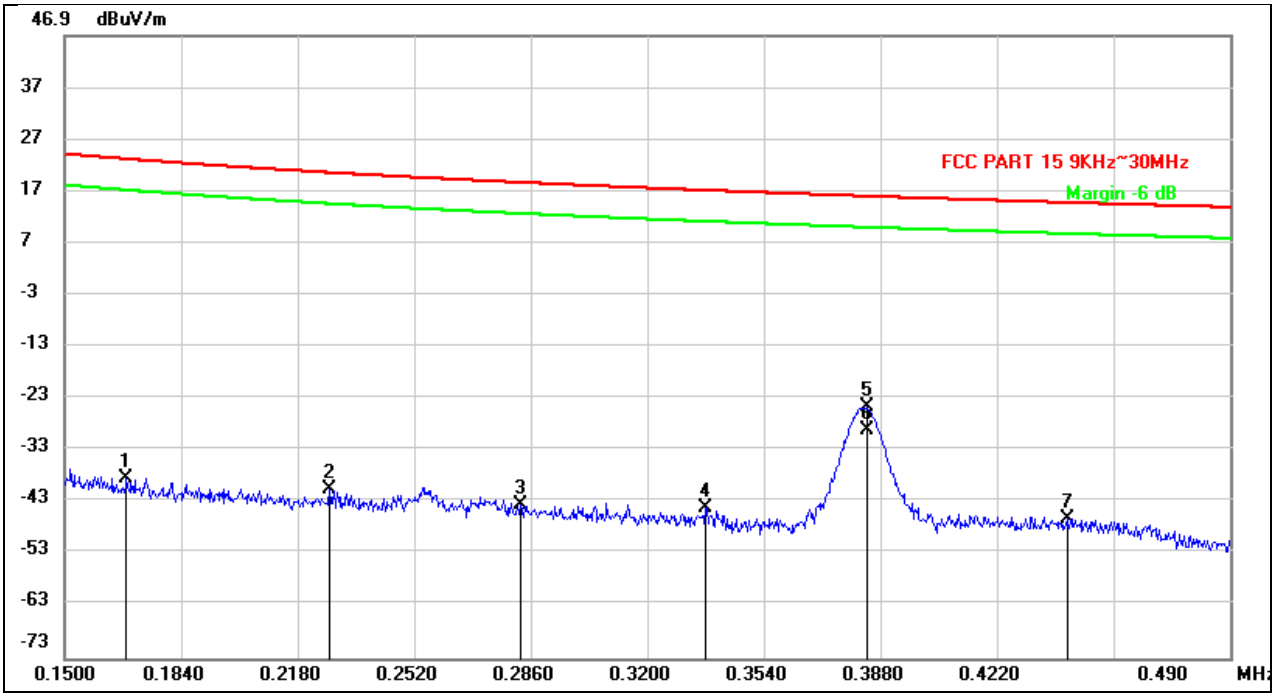
9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0299	56.88	-91.00	-34.12	38.09	-72.21	peak
2	0.0497	53.27	-91.69	-38.42	33.67	-72.09	peak
3	0.0699	47.62	-92.60	-44.98	30.71	-75.69	peak
4	0.0966	46.03	-92.60	-46.57	27.90	-74.47	peak
5	0.1276	65.98	-92.42	-26.44	25.49	-51.93	peak
6	0.1358	41.60	-92.37	-50.77	24.95	-75.72	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

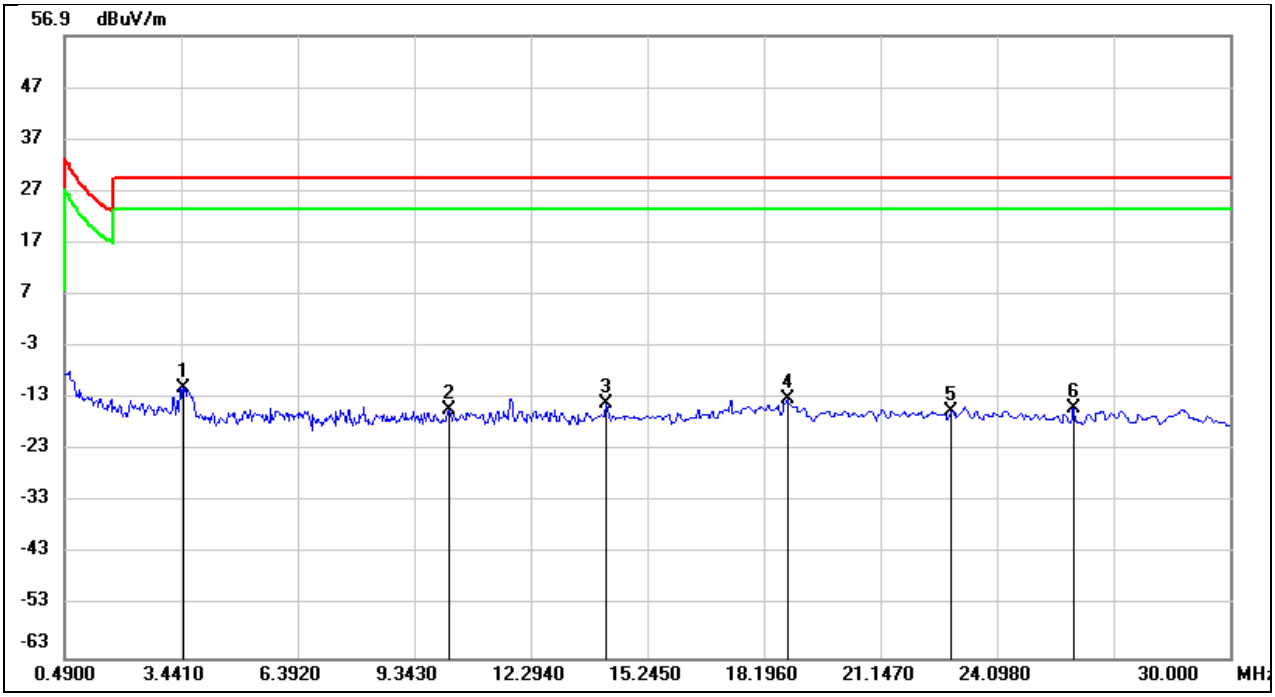
150 kHz ~ 490 kHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg)	
1	0.1680	53.60	-92.15	-38.55	23.10	-61.65	100	17	peak
2	0.2272	51.43	-92.07	-40.64	20.47	-61.11	100	202	peak
3	0.2829	48.89	-92.32	-43.43	18.57	-62.00	100	276	peak
4	0.3370	48.44	-92.47	-44.03	17.05	-61.08	100	250	peak
5	0.3839	67.78	-92.57	-24.79	15.92	-40.71	100	132	peak
6	0.3839	63.46	-92.57	-29.11	15.92	-45.03	115	167	AVG
7	0.4424	46.54	-92.69	-46.15	14.69	-60.84	100	47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).
5. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT.

490 kHz ~ 30 MHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	3.5295	40.36	-51.28	-10.92	29.54	-40.46	QP
2	10.2283	35.71	-50.89	-15.18	29.54	-44.72	QP
3	14.2121	36.69	-50.69	-14.00	29.54	-43.54	QP
4	18.7862	37.01	-50.09	-13.08	29.54	-42.62	QP
5	22.9470	34.18	-49.61	-15.43	29.54	-44.97	QP
6	26.0457	34.65	-49.55	-14.90	29.54	-44.44	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.1.1. Test result of M03

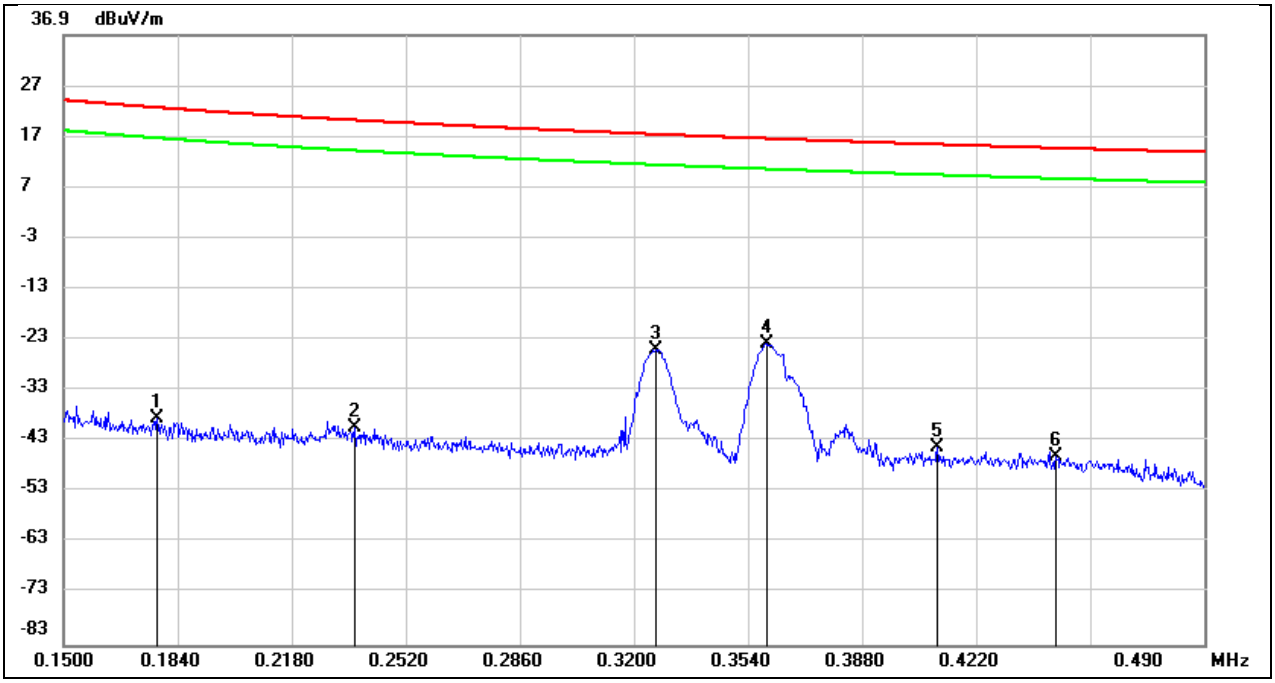
FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

9 kHz ~ 150 kHz

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0301	58.43	-91.00	-32.57	38.03	-70.60	peak
2	0.0499	54.21	-91.70	-37.49	33.64	-71.13	peak
3	0.0619	48.75	-92.24	-43.49	31.77	-75.26	peak
4	0.0898	43.64	-92.60	-48.96	28.54	-77.50	peak
5	0.1095	55.28	-92.53	-37.25	26.82	-64.07	peak
6	0.1297	41.40	-92.40	-51.00	25.35	-76.35	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1779	53.48	-92.09	-38.61	22.60	-61.21	peak
2	0.2367	51.66	-92.12	-40.46	20.12	-60.58	peak
3	0.3265	67.46	-92.45	-24.99	17.32	-42.31	peak
4	0.3594	68.72	-92.52	-23.80	16.49	-40.29	peak
5	0.4104	48.27	-92.62	-44.35	15.34	-59.69	peak
6	0.4458	46.59	-92.69	-46.10	14.62	-60.72	peak

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

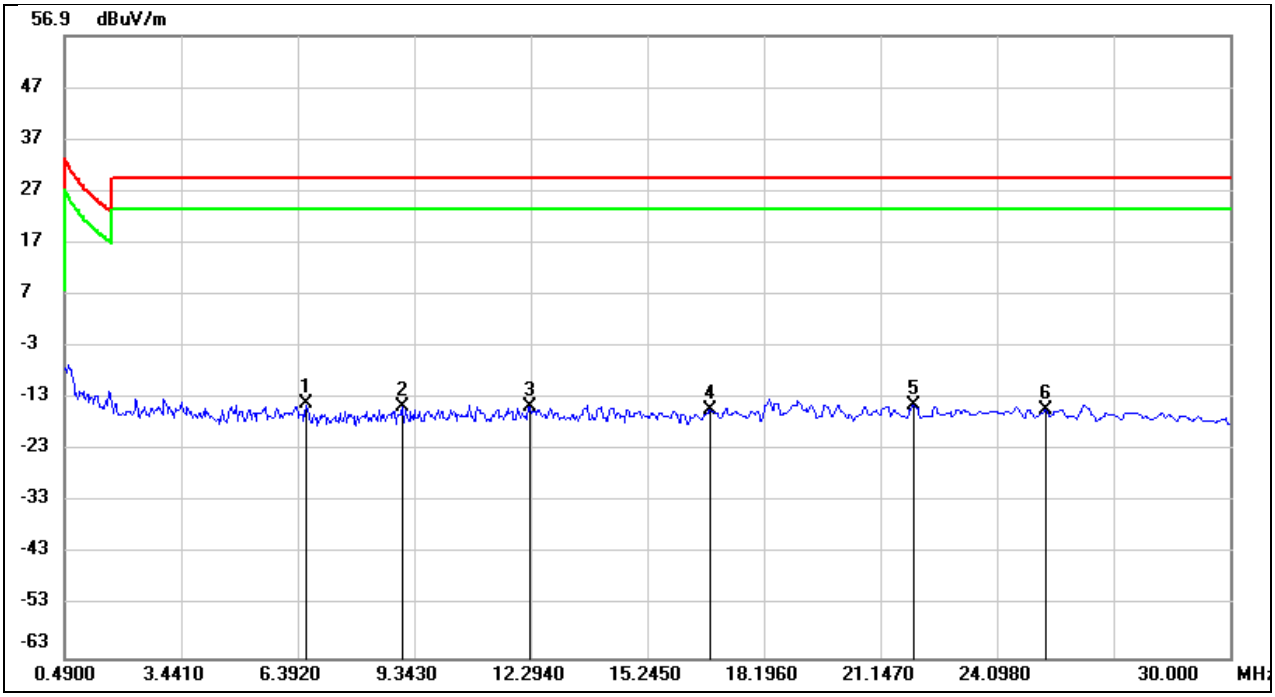
2. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.

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

5. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT.

490 kHz ~ 30 MHz



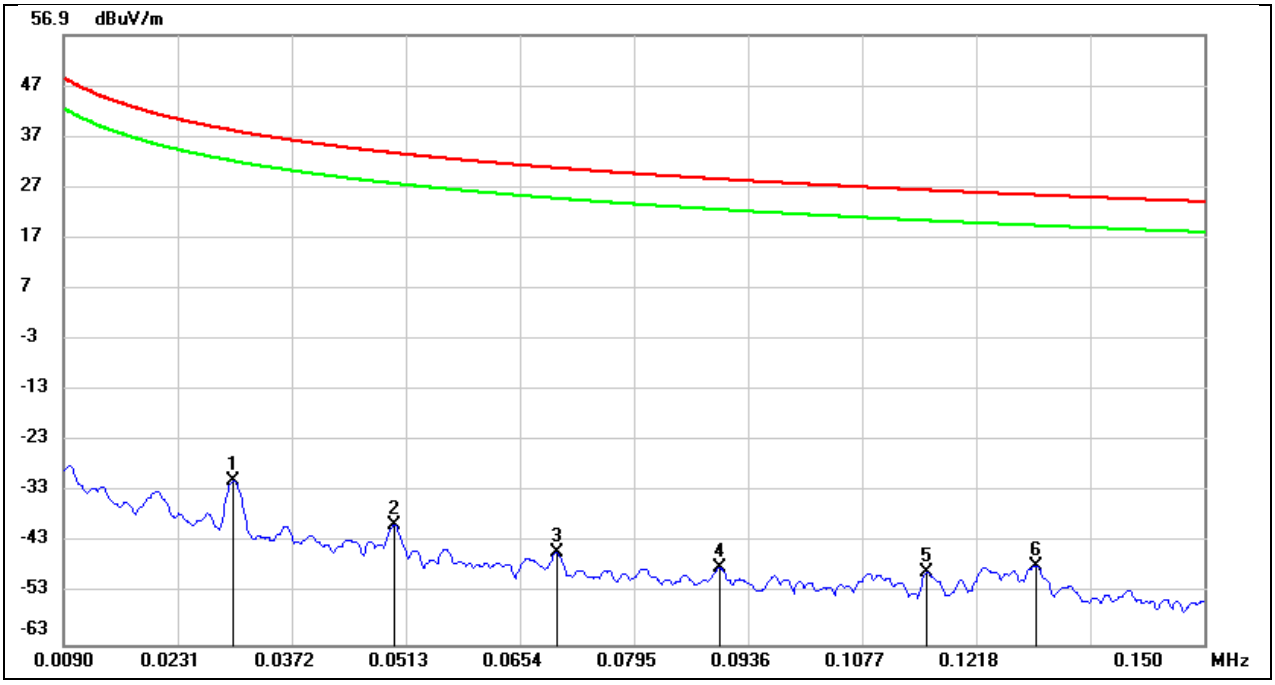
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	6.6281	37.01	-51.21	-14.20	29.54	-43.74	QP
2	9.0774	36.30	-51.00	-14.70	29.54	-44.24	QP
3	12.2645	36.03	-50.78	-14.75	29.54	-44.29	QP
4	16.8385	35.01	-50.37	-15.36	29.54	-44.90	QP
5	21.9733	35.41	-49.70	-14.29	29.54	-43.83	QP
6	25.3374	34.31	-49.44	-15.13	29.54	-44.67	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.1.2. Test result of M04

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

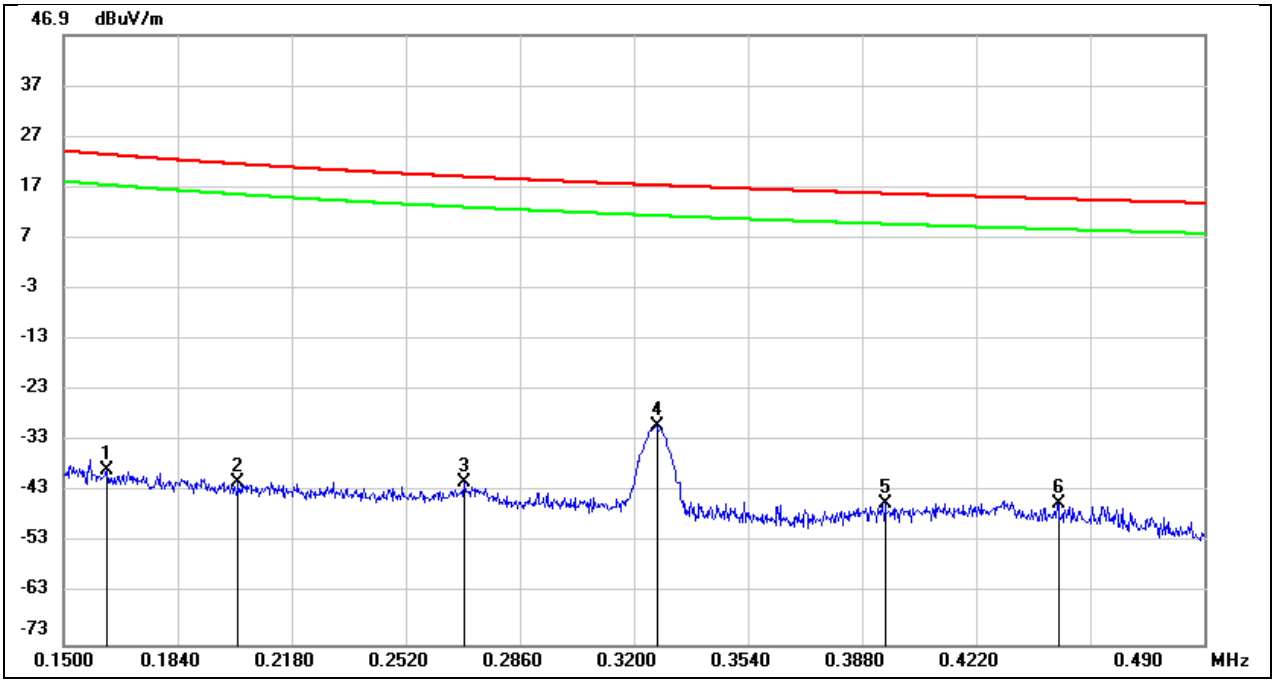
9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0299	60.14	-91.00	-30.86	38.09	-68.95	peak
2	0.0499	52.08	-91.70	-39.62	33.64	-73.26	peak
3	0.0699	47.57	-92.60	-45.03	30.71	-75.74	peak
4	0.0901	44.56	-92.60	-48.04	28.51	-76.55	peak
5	0.1157	43.60	-92.50	-48.90	26.34	-75.24	peak
6	0.1291	44.90	-92.41	-47.51	25.39	-72.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

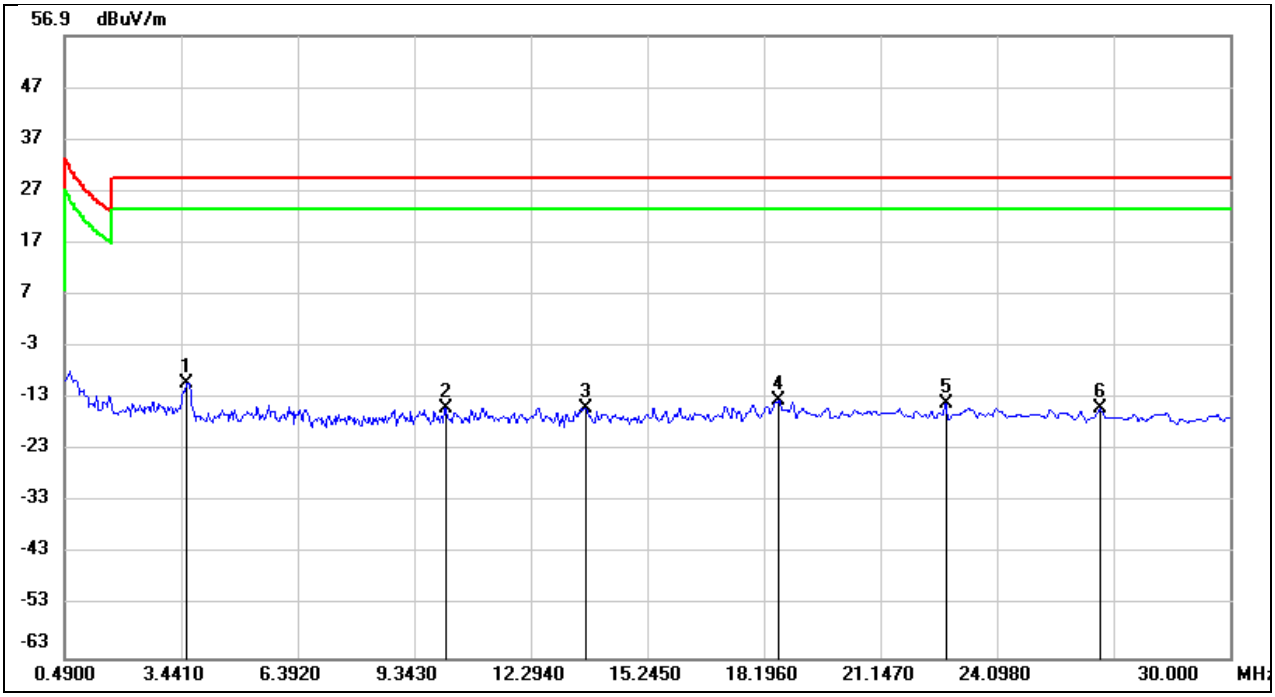
150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1629	53.31	-92.19	-38.88	23.37	-62.25	peak
2	0.2020	50.94	-91.96	-41.02	21.49	-62.51	peak
3	0.2693	51.07	-92.26	-41.19	19.00	-60.19	peak
4	0.3268	62.32	-92.45	-30.13	17.32	-47.45	peak
5	0.3948	47.24	-92.59	-45.35	15.67	-61.02	peak
6	0.4465	47.47	-92.69	-45.22	14.61	-59.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).
5. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT.

490 kHz ~ 30 MHz



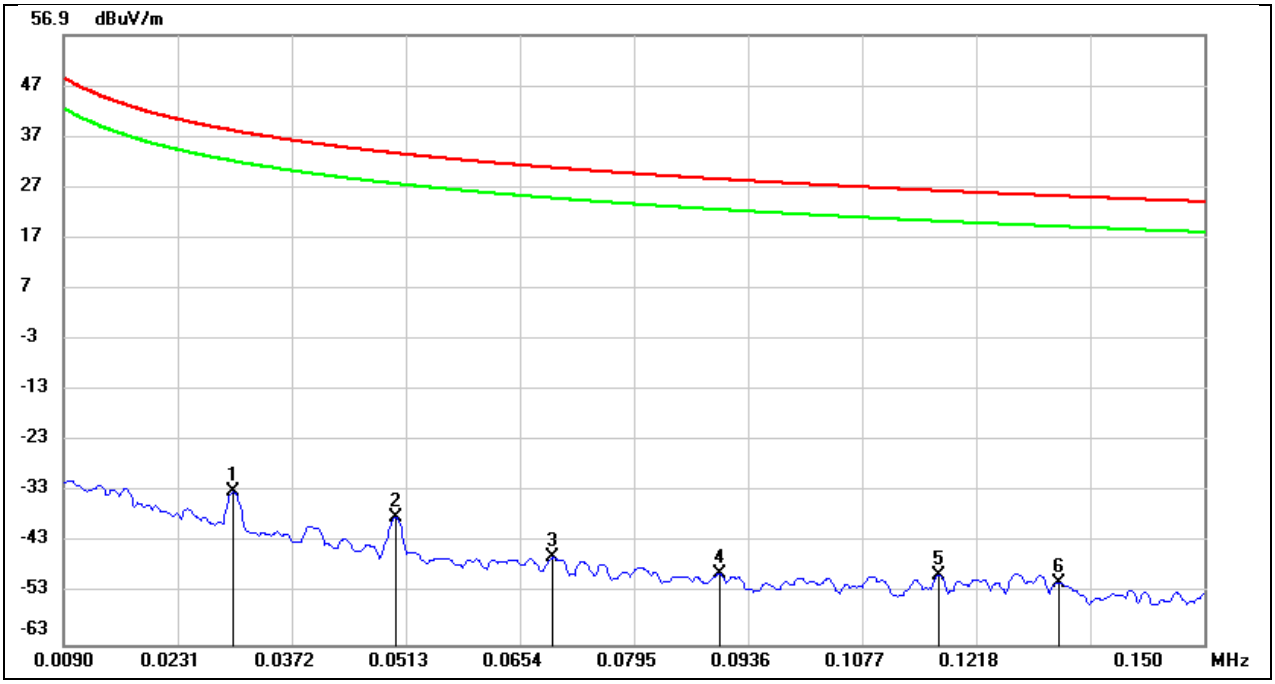
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3.5884	41.26	-51.32	-10.06	29.54	-39.60	QP
2	10.1398	35.93	-50.90	-14.97	29.54	-44.51	QP
3	13.6810	35.88	-50.72	-14.84	29.54	-44.38	QP
4	18.6091	36.54	-50.11	-13.57	29.54	-43.11	QP
5	22.7996	35.50	-49.62	-14.12	29.54	-43.66	QP
6	26.7244	34.66	-49.65	-14.99	29.54	-44.53	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.1.3. Test result of M05

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0299	58.01	-91.00	-32.99	38.09	-71.08	peak
2	0.0500	53.62	-91.70	-38.08	33.62	-71.70	peak
3	0.0694	46.60	-92.57	-45.97	30.77	-76.74	peak
4	0.0901	43.55	-92.60	-49.05	28.51	-77.56	peak
5	0.1171	43.09	-92.49	-49.40	26.23	-75.63	peak
6	0.1320	41.58	-92.40	-50.82	25.20	-76.02	peak

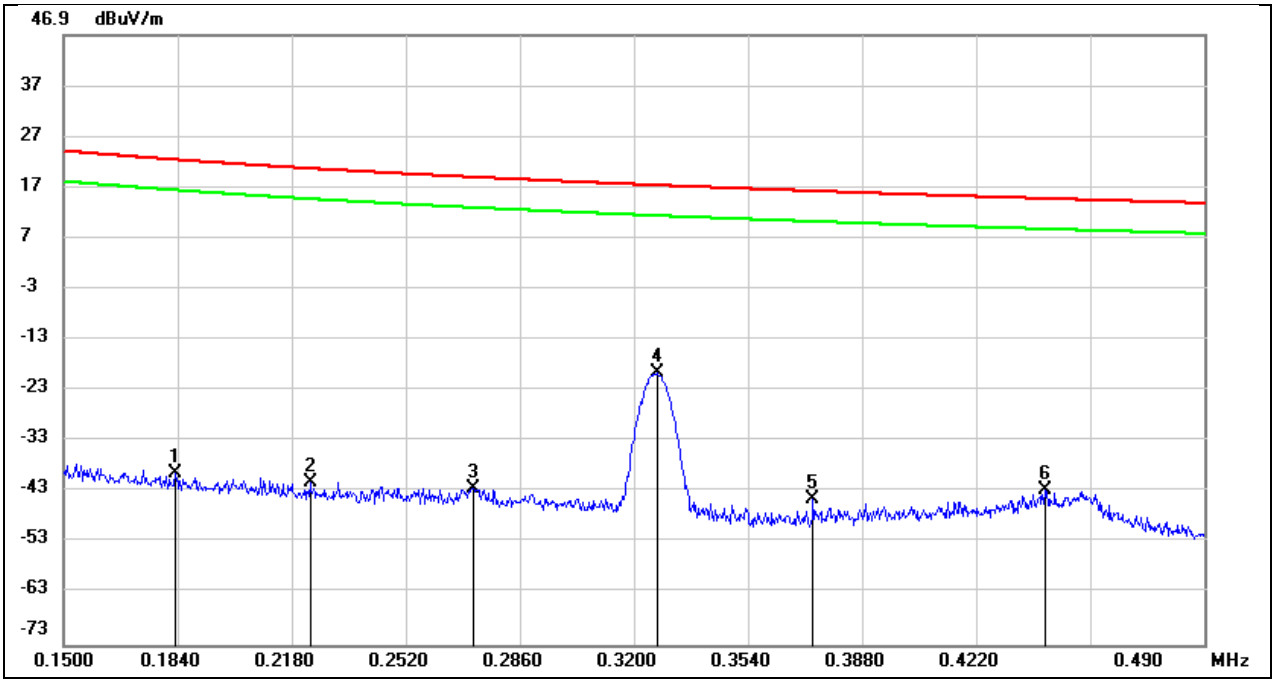
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

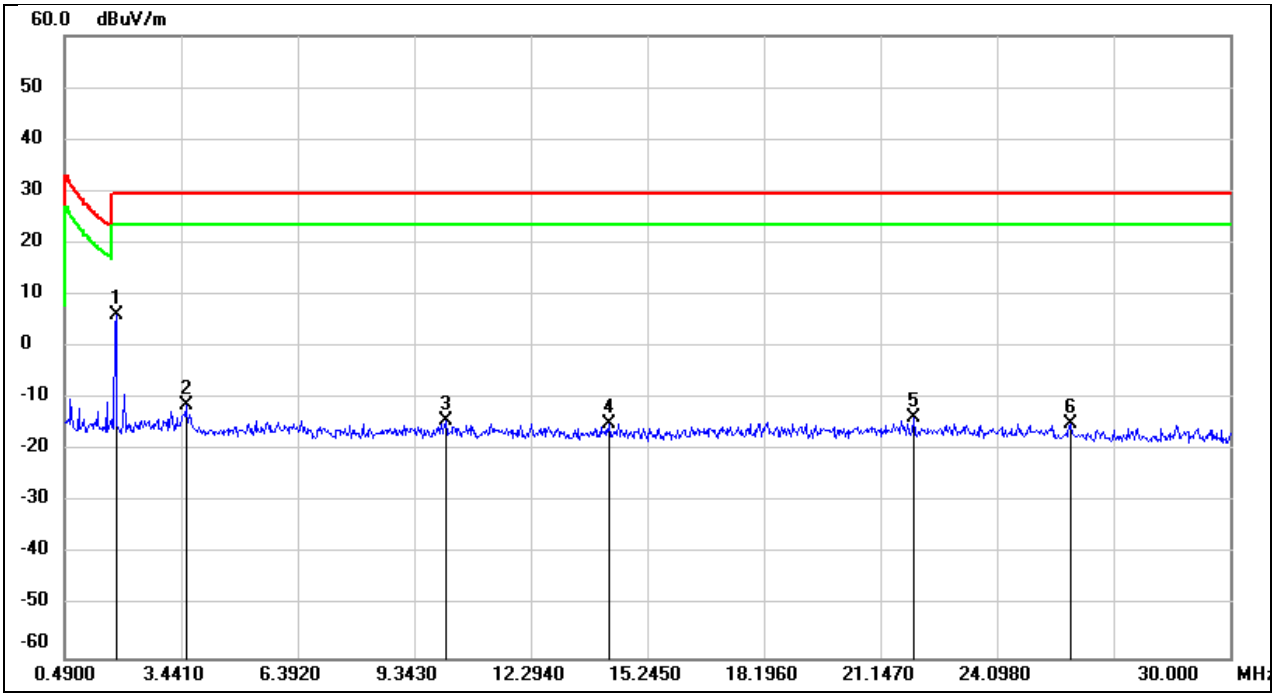
150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1833	52.72	-92.06	-39.34	22.34	-61.68	peak
2	0.2234	50.80	-92.05	-41.25	20.62	-61.87	peak
3	0.2720	49.95	-92.28	-42.33	18.91	-61.24	peak
4	0.3271	72.76	-92.45	-19.69	17.31	-37.00	peak
5	0.3734	48.03	-92.55	-44.52	16.16	-60.68	peak
6	0.4427	50.04	-92.69	-42.65	14.68	-57.33	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

490 kHz ~ 30 MHz



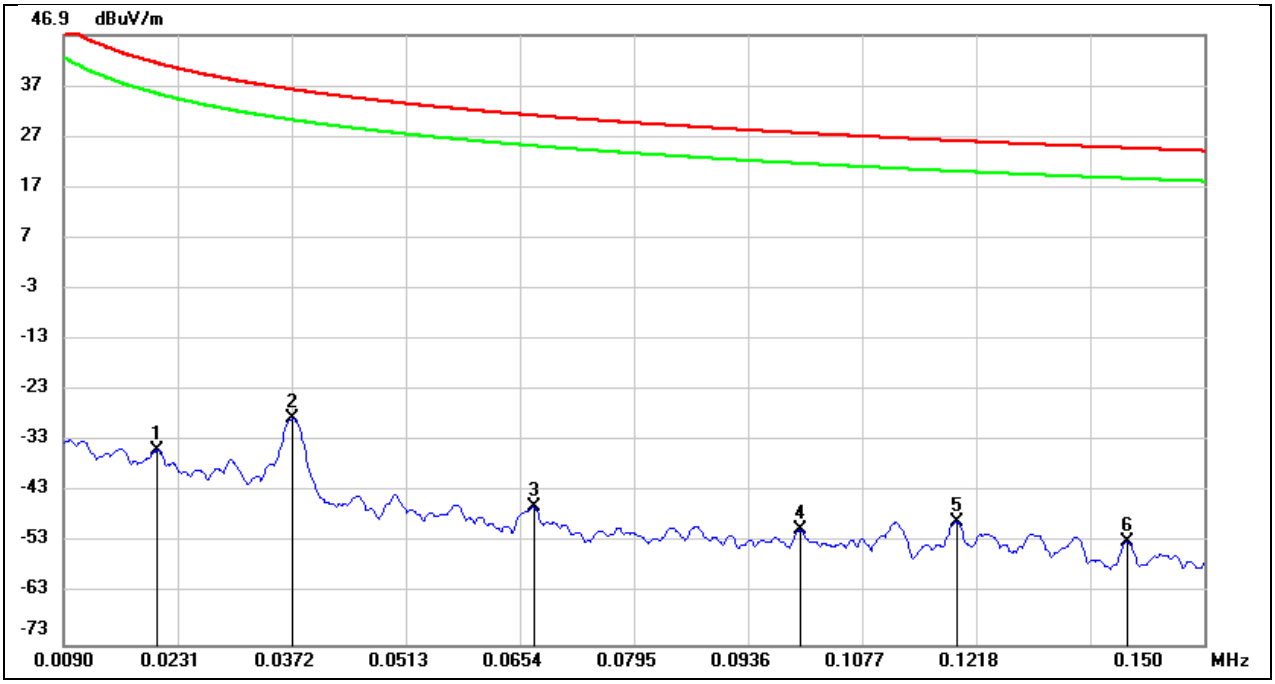
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1.7884	58.38	-52.17	6.21	29.54	-23.33	QP
2	3.5590	39.91	-51.30	-11.39	29.54	-40.93	QP
3	10.1398	36.72	-50.90	-14.18	29.54	-43.72	QP
4	14.2712	35.94	-50.68	-14.74	29.54	-44.28	QP
5	22.0028	35.97	-49.70	-13.73	29.54	-43.27	QP
6	25.9571	34.64	-49.53	-14.89	29.54	-44.43	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.1.4. Test result of M06

FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

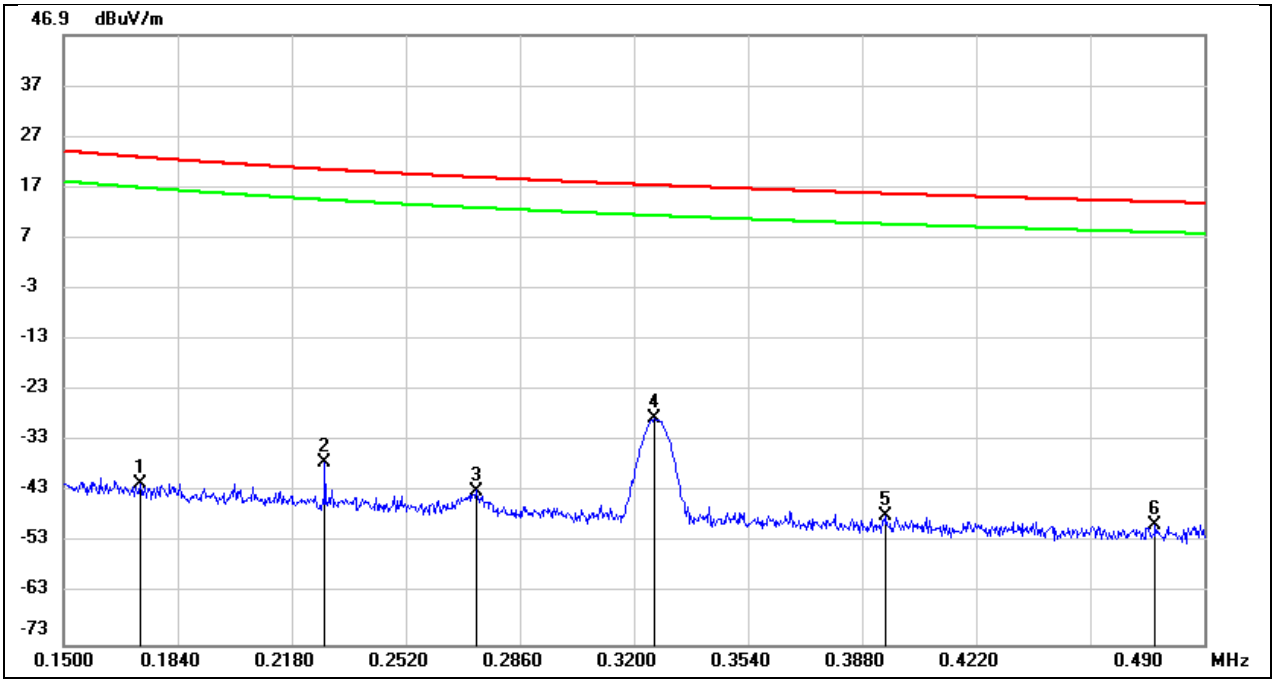
9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0206	54.75	-89.50	-34.75	41.32	-76.07	peak
2	0.0372	62.75	-91.26	-28.51	36.19	-64.70	peak
3	0.0670	46.38	-92.47	-46.09	31.08	-77.17	peak
4	0.1001	42.04	-92.60	-50.56	27.59	-78.15	peak
5	0.1193	43.60	-92.47	-48.87	26.07	-74.94	peak
6	0.1404	39.43	-92.34	-52.91	24.66	-77.57	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

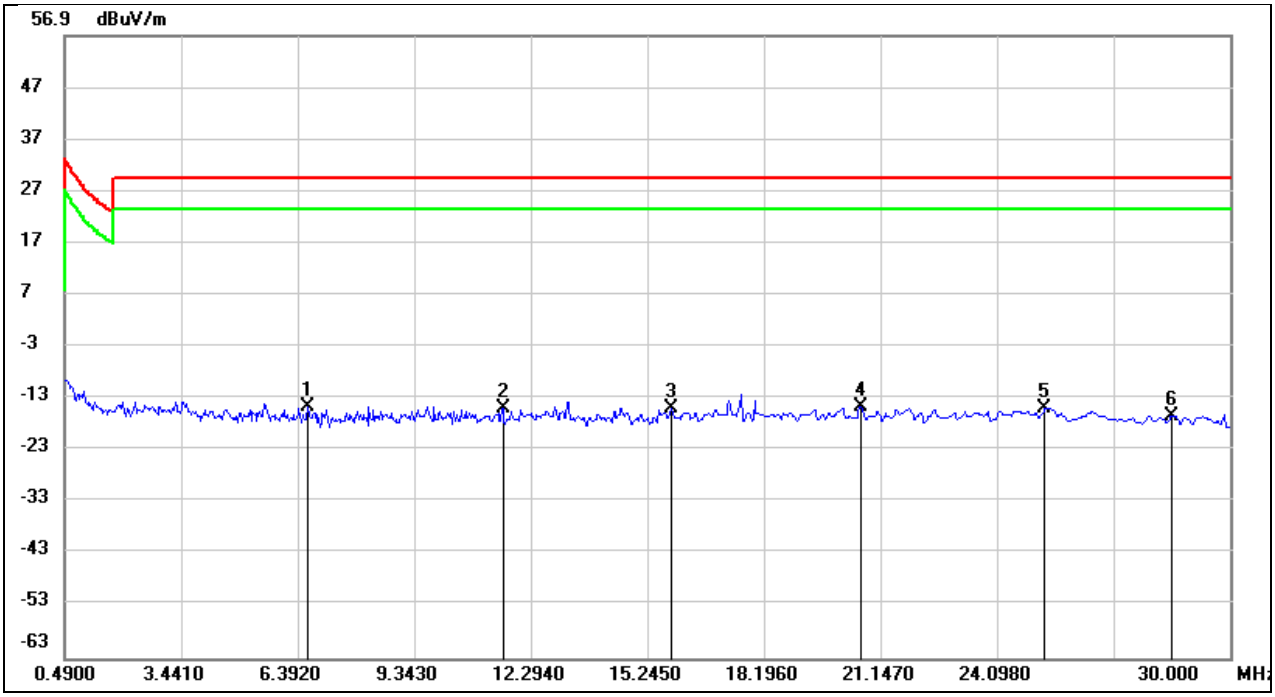
150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1728	50.58	-92.13	-41.55	22.86	-64.41	peak
2	0.2279	54.87	-92.07	-37.20	20.45	-57.65	peak
3	0.2731	49.48	-92.28	-42.80	18.88	-61.68	peak
4	0.3261	63.91	-92.45	-28.54	17.33	-45.87	peak
5	0.3951	44.72	-92.59	-47.87	15.67	-63.54	peak
6	0.4754	43.31	-92.75	-49.44	14.06	-63.50	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).
5. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT.

490 kHz ~ 30 MHz



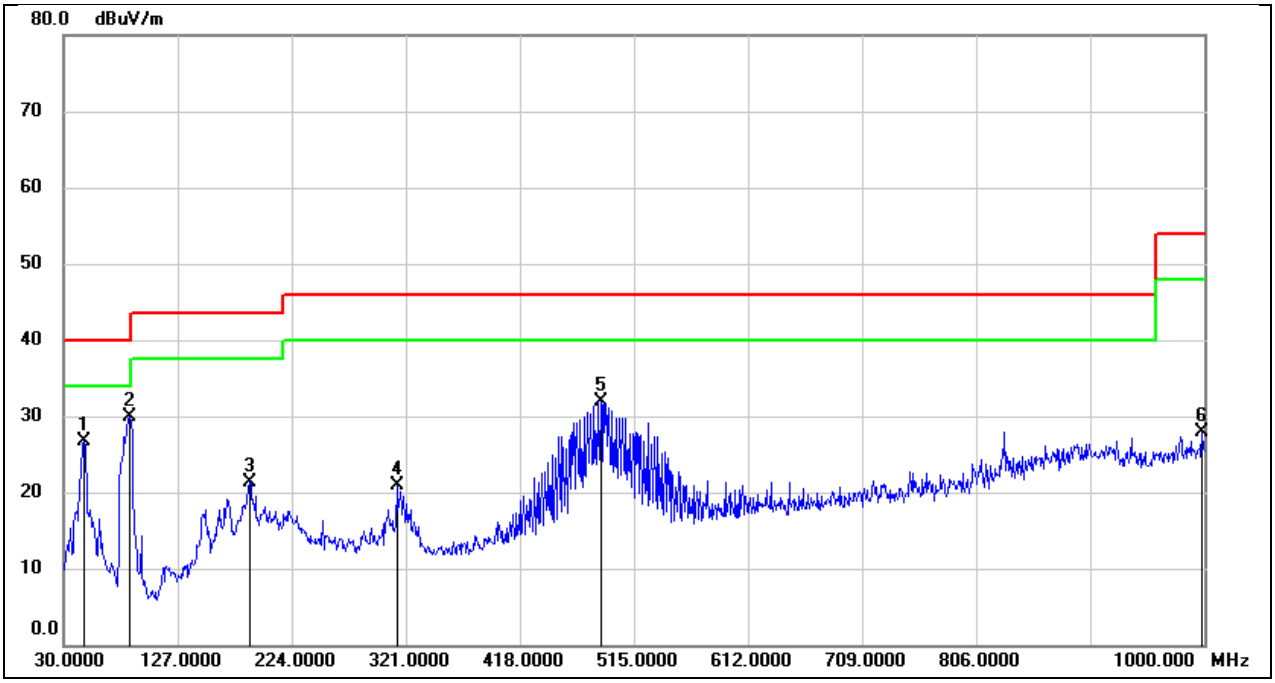
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	6.6576	36.60	-51.21	-14.61	29.54	-44.15	QP
2	11.5858	35.77	-50.82	-15.05	29.54	-44.59	QP
3	15.8647	35.49	-50.52	-15.03	29.54	-44.57	QP
4	20.6453	35.30	-49.84	-14.54	29.54	-44.08	QP
5	25.3374	34.53	-49.44	-14.91	29.54	-44.45	QP
6	28.5245	33.56	-49.89	-16.33	29.54	-45.87	QP

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV 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 3 m test site, but we added the corresponding factor to extrapolated the result to the specified distance according to FCC 15.31(f)(2).

7.2. SPURIOUS EMISSIONS 30 MHz ~ 1 GHz

7.2.1. Test result of M01

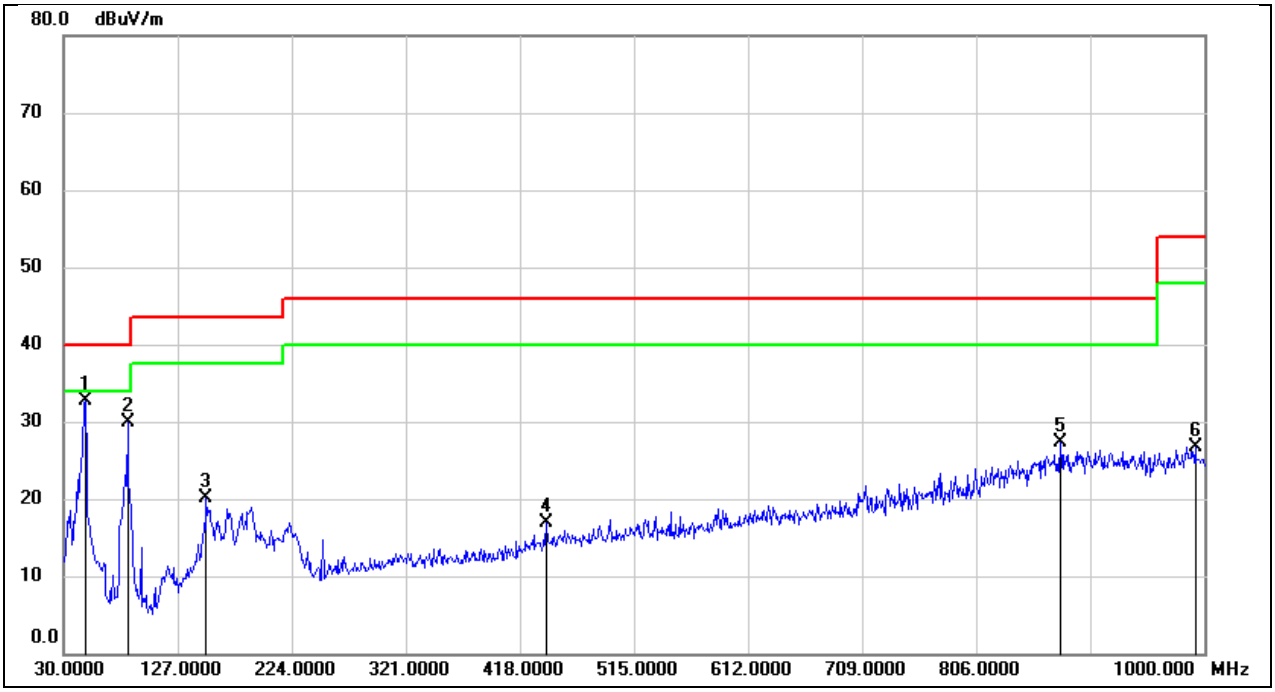
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4600	41.69	-15.01	26.68	40.00	-13.32	QP
2	86.2600	46.29	-16.40	29.89	40.00	-10.11	QP
3	188.1100	33.22	-11.93	21.29	43.50	-22.21	QP
4	313.2400	31.83	-10.99	20.84	46.00	-25.16	QP
5	486.8700	39.76	-7.80	31.96	46.00	-14.04	QP
6	998.0600	27.97	-0.15	27.82	54.00	-26.18	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)

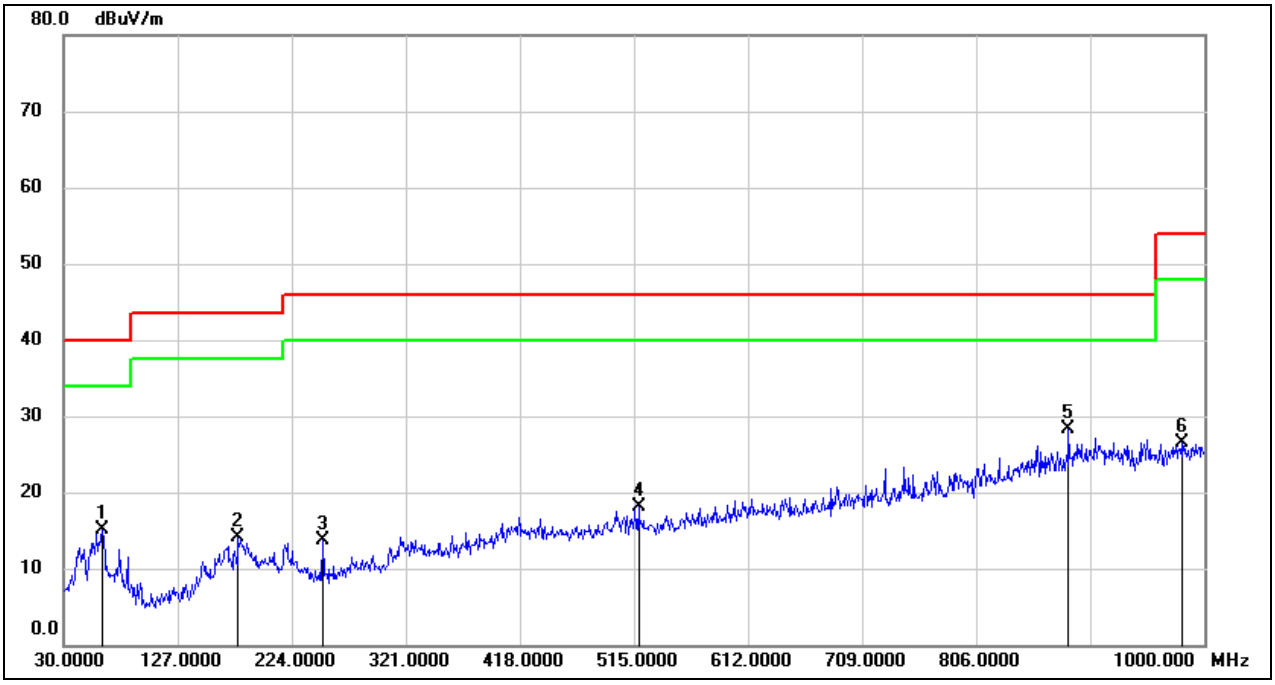


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	48.4300	47.72	-15.04	32.68	40.00	-7.32	QP
2	84.3200	46.12	-16.28	29.84	40.00	-10.16	QP
3	151.2500	33.57	-13.38	20.19	43.50	-23.31	QP
4	440.3100	25.29	-8.42	16.87	46.00	-29.13	QP
5	877.7800	28.19	-0.82	27.37	46.00	-18.63	QP
6	992.2400	26.90	-0.24	26.66	54.00	-27.34	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 are created from the digital circuit. It is not created by wireless charging circuit.

7.2.3. Test result of M02

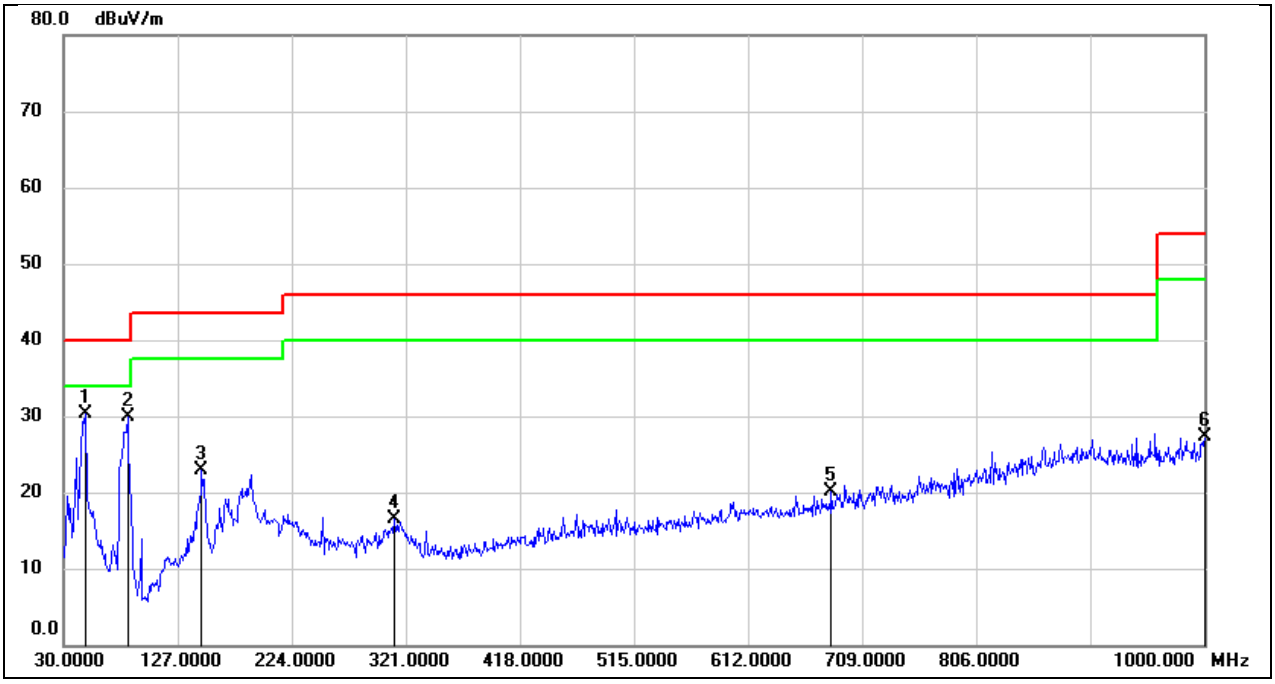
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	62.9800	30.04	-15.03	15.01	40.00	-24.99	QP
2	178.4100	25.92	-11.88	14.04	43.50	-29.46	QP
3	250.1900	28.25	-14.56	13.69	46.00	-32.31	QP
4	518.8800	25.55	-7.44	18.11	46.00	-27.89	QP
5	884.5700	29.09	-0.71	28.38	46.00	-17.62	QP
6	980.6000	26.82	-0.40	26.42	54.00	-27.58	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)

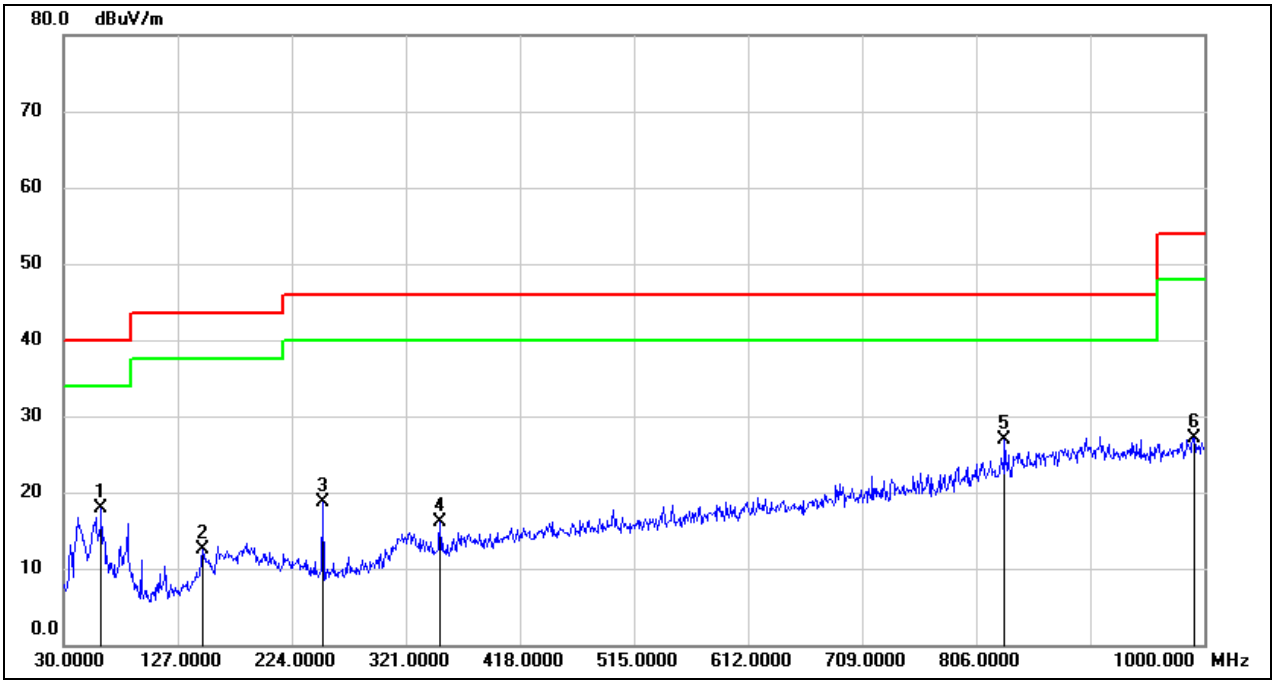


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	48.4300	45.40	-15.04	30.36	40.00	-9.64	QP
2	84.3200	46.21	-16.28	29.93	40.00	-10.07	QP
3	147.3700	36.42	-13.61	22.81	43.50	-20.69	QP
4	311.3000	27.57	-11.06	16.51	46.00	-29.49	QP
5	682.8100	24.80	-4.69	20.11	46.00	-25.89	QP
6	1000.0000	27.48	-0.13	27.35	54.00	-26.65	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 are created from the digital circuit. It is not created by wireless charging circuit.

7.2.5. Test result of M03

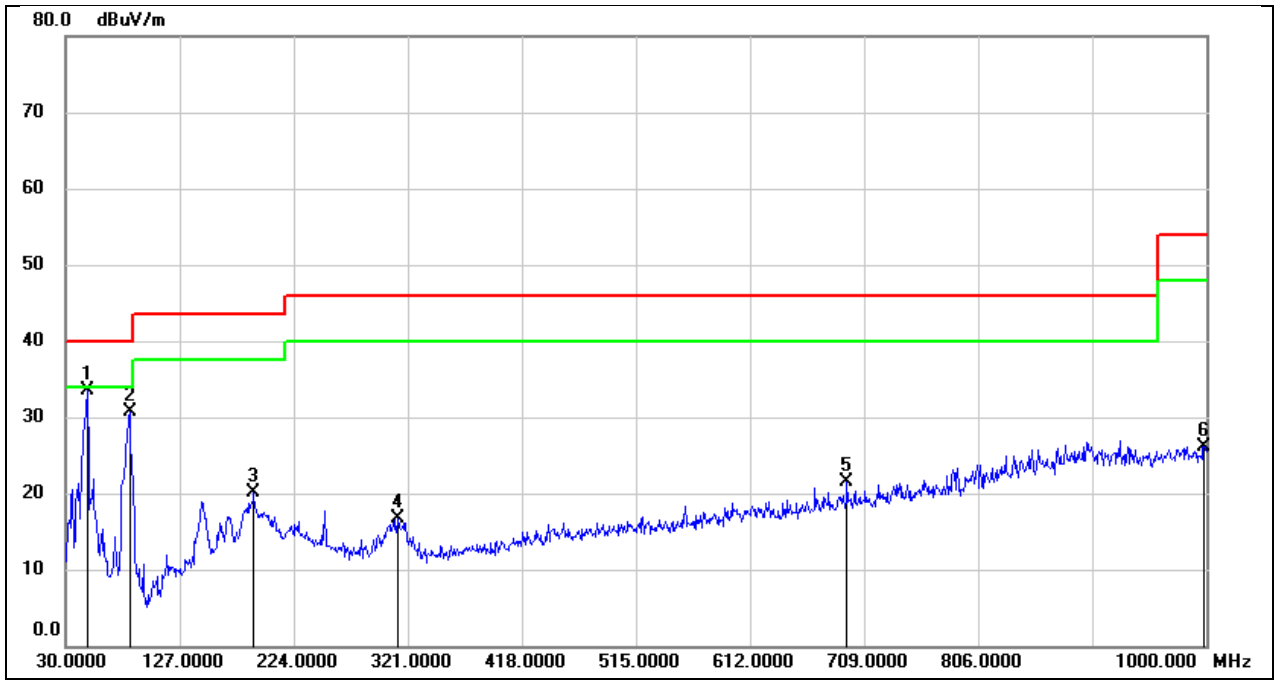
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	62.0100	32.91	-14.99	17.92	40.00	-22.08	QP
2	148.3400	25.99	-13.56	12.43	43.50	-31.07	QP
3	250.1900	33.32	-14.56	18.76	46.00	-27.24	QP
4	350.1000	25.61	-9.53	16.08	46.00	-29.92	QP
5	830.2500	28.74	-1.82	26.92	46.00	-19.08	QP
6	991.2700	27.45	-0.25	27.20	54.00	-26.80	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)

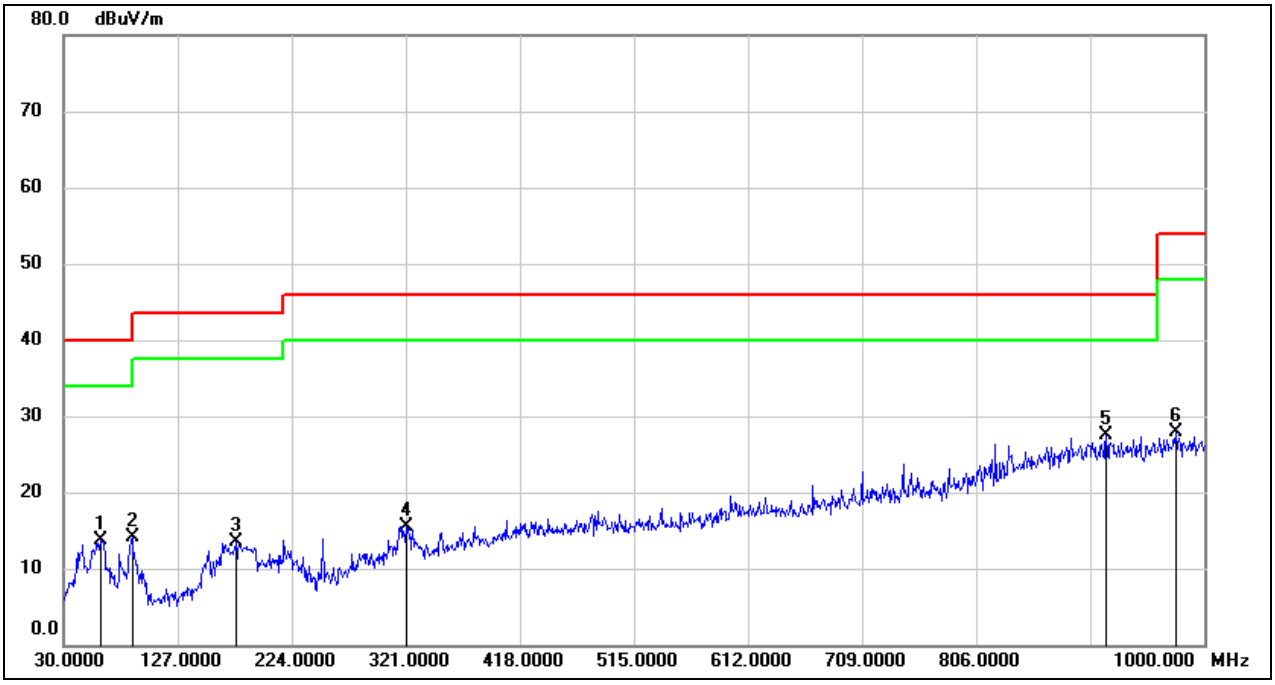


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	48.4300	48.48	-15.04	33.44	40.00	-6.56	QP
2	84.3200	46.92	-16.28	30.64	40.00	-9.36	QP
3	190.0500	32.04	-11.95	20.09	43.50	-23.41	QP
4	312.2700	27.66	-11.03	16.63	46.00	-29.37	QP
5	694.4500	25.89	-4.37	21.52	46.00	-24.48	QP
6	998.0600	26.29	-0.15	26.14	54.00	-27.86	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 are created from the digital circuit. It is not created by wireless charging circuit.

7.2.7. Test result of M04

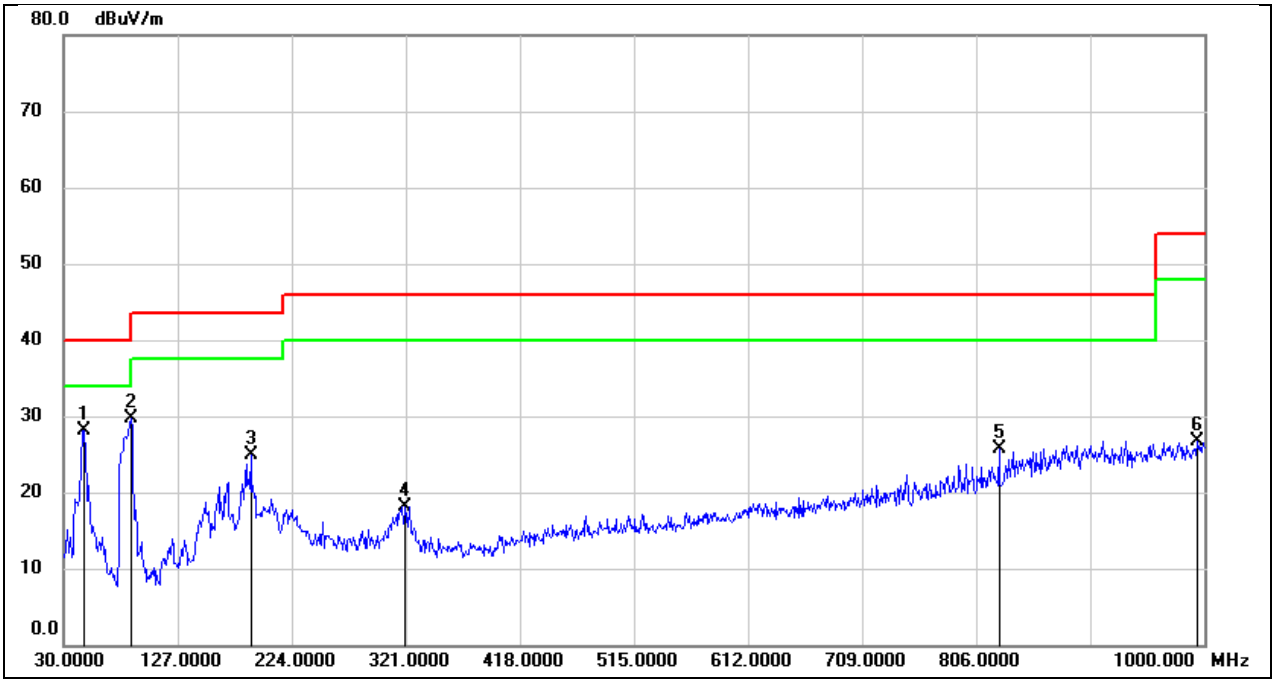
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	62.0100	28.77	-14.99	13.78	40.00	-26.22	QP
2	88.2000	30.69	-16.53	14.16	43.50	-29.34	QP
3	176.4700	25.37	-11.94	13.43	43.50	-30.07	QP
4	321.0000	26.26	-10.68	15.58	46.00	-30.42	QP
5	916.5800	28.13	-0.57	27.56	46.00	-18.44	QP
6	975.7500	28.35	-0.47	27.88	54.00	-26.12	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)

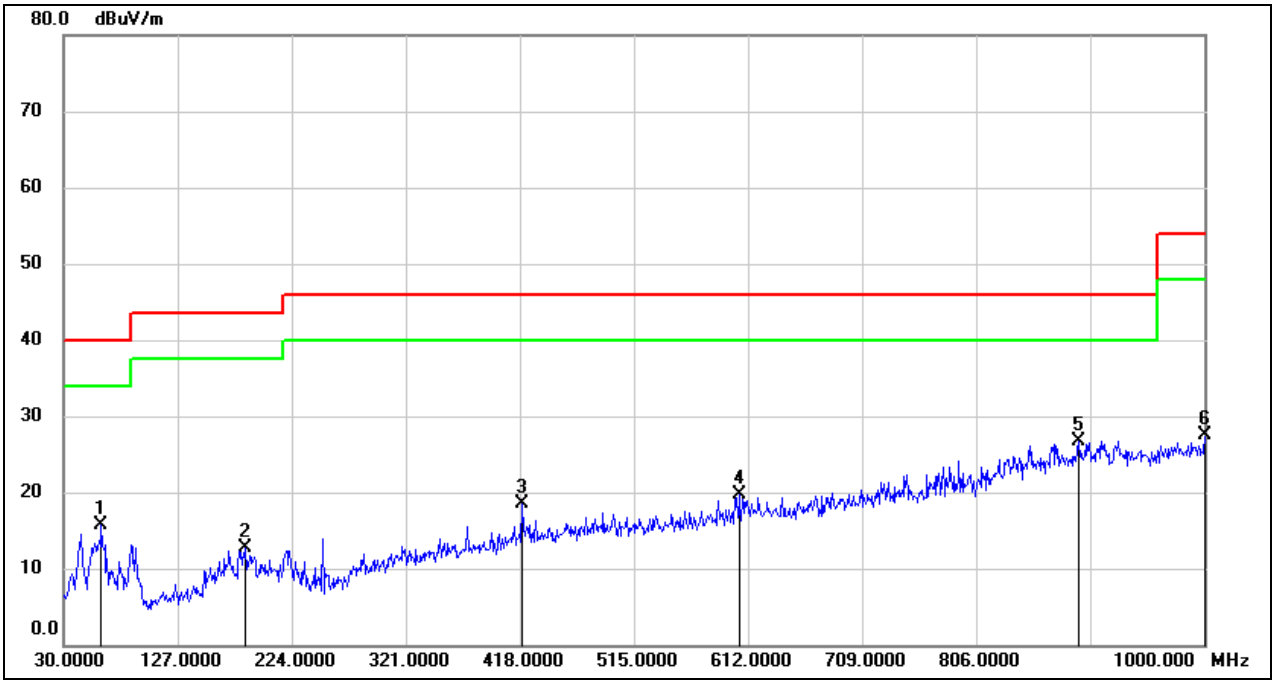


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4600	43.06	-15.01	28.05	40.00	-11.95	QP
2	87.2300	46.10	-16.47	29.63	40.00	-10.37	QP
3	189.0800	36.76	-11.94	24.82	43.50	-18.68	QP
4	320.0300	28.81	-10.72	18.09	46.00	-27.91	QP
5	825.4000	27.67	-1.94	25.73	46.00	-20.27	QP
6	994.1800	26.85	-0.21	26.64	54.00	-27.36	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 are created from the digital circuit. It is not created by wireless charging circuit.

7.2.9. Test result of M05

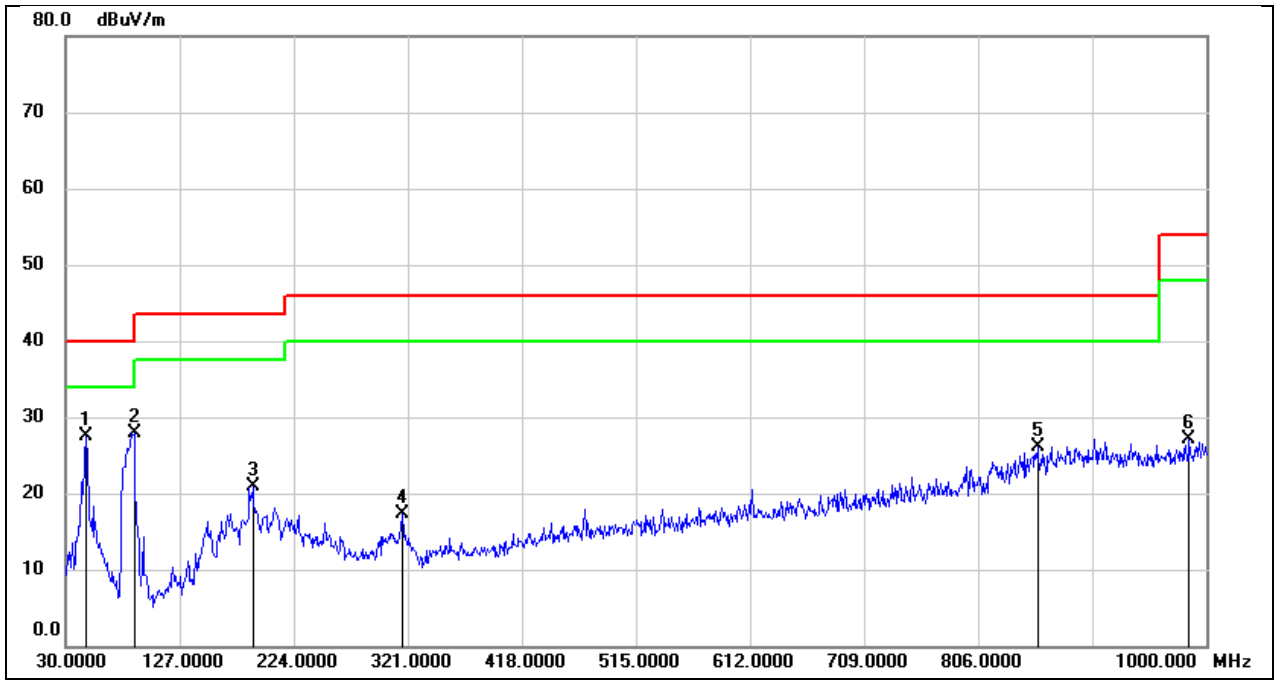
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	62.0100	30.75	-14.99	15.76	40.00	-24.24	QP
2	184.2300	24.53	-11.89	12.64	43.50	-30.86	QP
3	419.9400	27.43	-9.02	18.41	46.00	-27.59	QP
4	604.2400	25.42	-5.74	19.68	46.00	-26.32	QP
5	893.3000	27.27	-0.56	26.71	46.00	-19.29	QP
6	1000.0000	27.57	-0.13	27.44	54.00	-26.56	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)

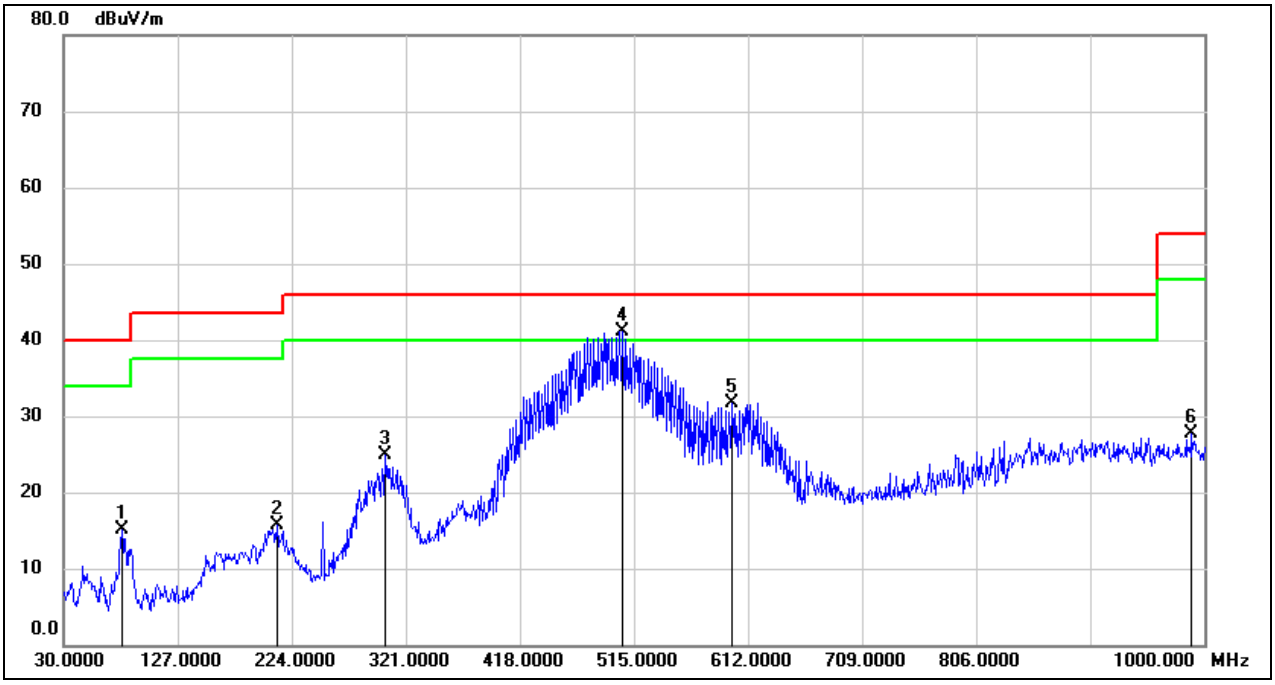


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4600	42.50	-15.01	27.49	40.00	-12.51	QP
2	88.2000	44.38	-16.53	27.85	43.50	-15.65	QP
3	189.0800	32.80	-11.94	20.86	43.50	-22.64	QP
4	316.1500	28.17	-10.87	17.30	46.00	-28.70	QP
5	856.4400	27.39	-1.19	26.20	46.00	-19.80	QP
6	985.4500	27.35	-0.33	27.02	54.00	-26.98	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 are created from the digital circuit. It is not created by wireless charging circuit.

7.2.11. Test result of M06

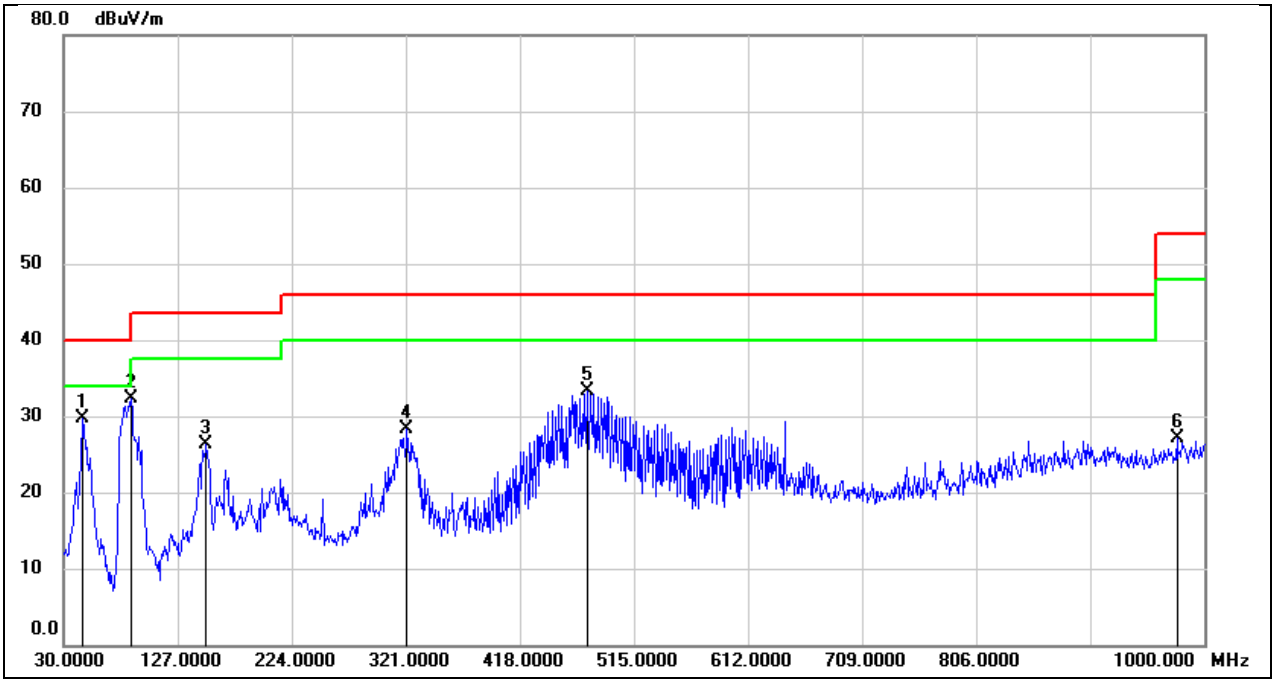
FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	79.4700	31.14	-15.97	15.17	40.00	-24.83	QP
2	211.3900	28.54	-12.75	15.79	43.50	-27.71	QP
3	303.5400	36.27	-11.37	24.90	46.00	-21.10	QP
4	505.3000	48.80	-7.61	41.19	46.00	-4.81	QP
5	598.4200	37.55	-5.78	31.77	46.00	-14.23	QP
6	989.3300	28.01	-0.28	27.73	54.00	-26.27	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 are created from the digital circuit. It is not created by wireless charging circuit.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	46.4900	44.76	-14.97	29.79	40.00	-10.21	QP
2	87.2300	48.81	-16.47	32.34	40.00	-7.66	QP
3	151.2500	39.60	-13.38	26.22	43.50	-17.28	QP
4	321.9700	38.87	-10.64	28.23	46.00	-17.77	QP
5	475.2300	41.15	-7.91	33.24	46.00	-12.76	QP
6	976.7200	27.59	-0.45	27.14	54.00	-26.86	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 are created from the digital circuit. It is not created by wireless charging circuit.

8. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a).

FREQUENCY (MHz)	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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

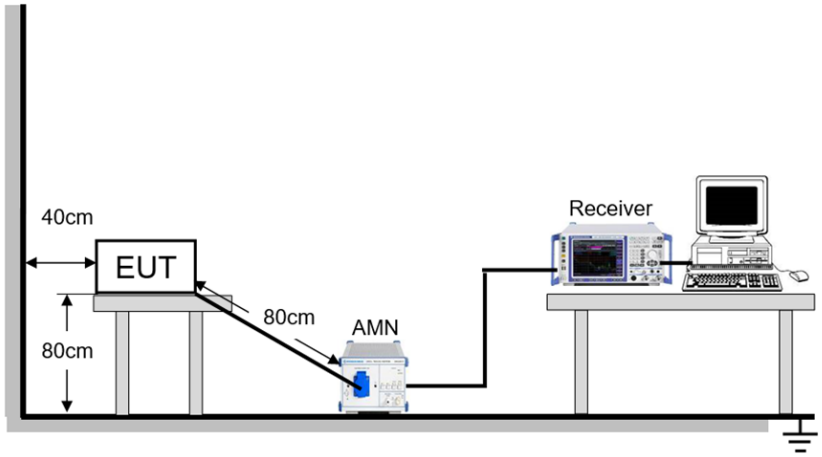
TEST SETUP AND PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A 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 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

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 SETUP

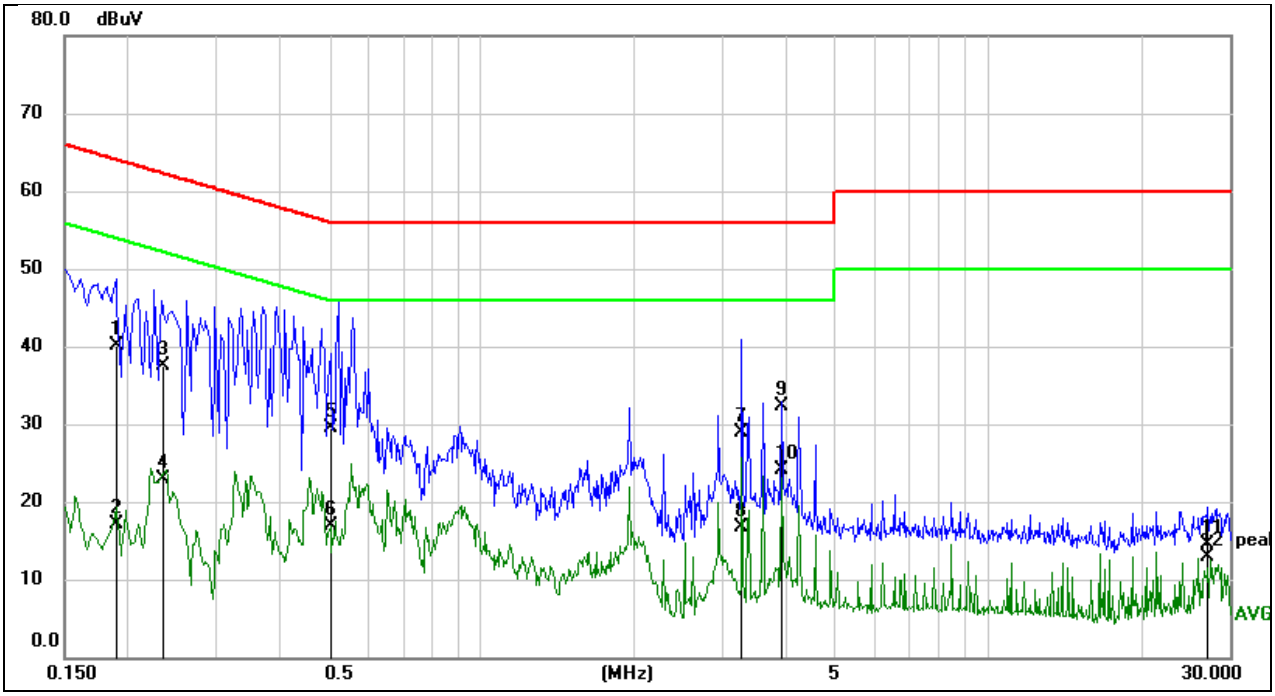


TEST ENVIRONMENT

Temperature	25.3 °C	Relative Humidity	53.7%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

TEST RESULTS OF M01

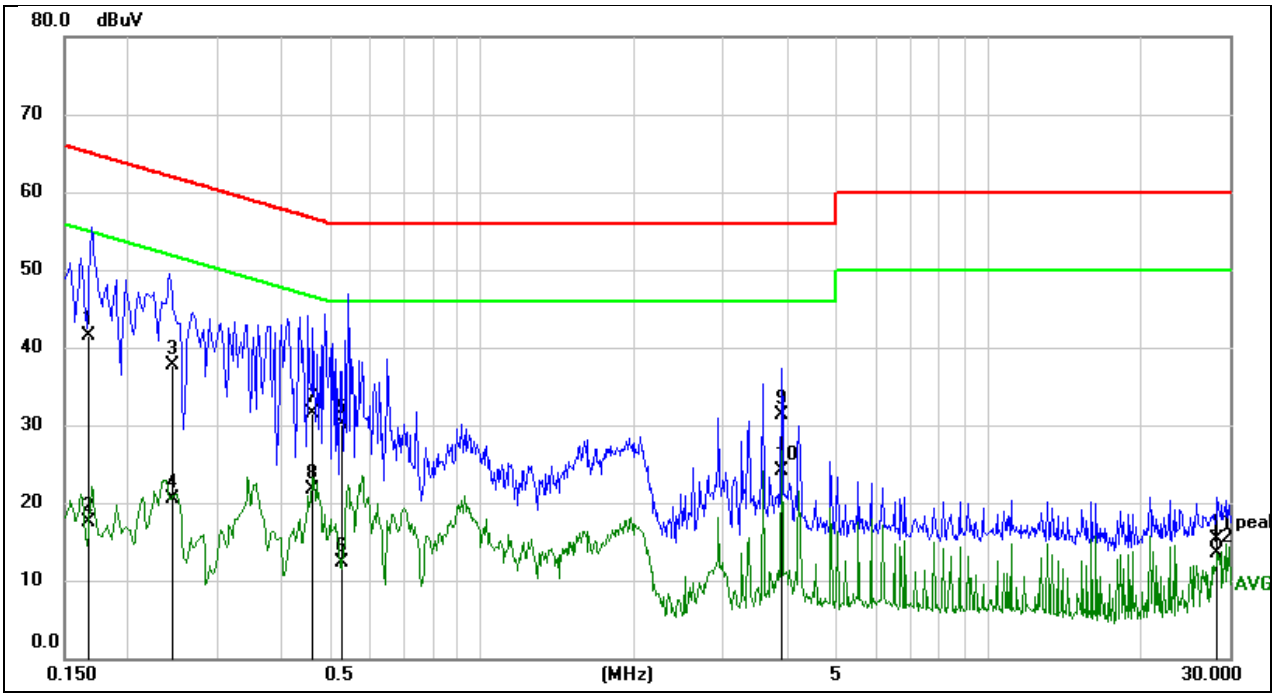
Test Mode:	M01	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1892	30.39	9.66	40.05	64.07	-24.02	QP
2	0.1892	7.54	9.66	17.20	54.07	-36.87	AVG
3	0.2361	27.90	9.64	37.54	62.23	-24.69	QP
4	0.2361	13.28	9.64	22.92	52.23	-29.31	AVG
5	0.5038	19.81	9.64	29.45	56.00	-26.55	QP
6	0.5038	7.26	9.64	16.90	46.00	-29.10	AVG
7	3.2654	19.08	9.73	28.81	56.00	-27.19	QP
8	3.2654	6.98	9.73	16.71	46.00	-29.29	AVG
9	3.9184	22.53	9.73	32.26	56.00	-23.74	QP
10	3.9184	14.36	9.73	24.09	46.00	-21.91	AVG
11	27.2650	4.87	9.68	14.55	60.00	-45.45	QP
12	27.2650	3.30	9.68	12.98	50.00	-37.02	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M01	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



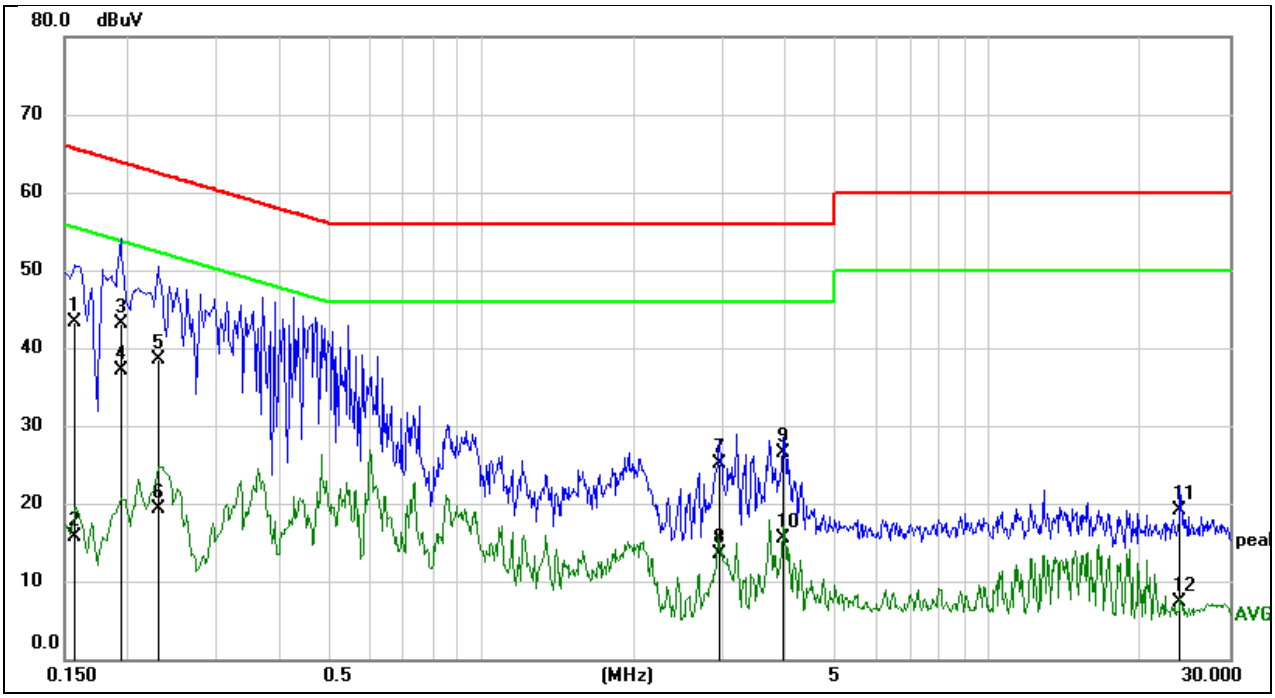
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1662	31.80	9.64	41.44	65.15	-23.71	QP
2	0.1662	7.86	9.64	17.50	55.15	-37.65	AVG
3	0.2442	27.99	9.64	37.63	61.95	-24.32	QP
4	0.2442	10.89	9.64	20.53	51.95	-31.42	AVG
5	0.5316	20.44	9.64	30.08	56.00	-25.92	QP
6	0.5316	2.60	9.64	12.24	46.00	-33.76	AVG
7	0.4648	21.84	9.64	31.48	56.61	-25.13	QP
8	0.4648	12.03	9.64	21.67	46.61	-24.94	AVG
9	3.9183	21.65	9.63	31.28	56.00	-24.72	QP
10	3.9183	14.47	9.63	24.10	46.00	-21.90	AVG
11	28.4079	5.63	9.66	15.29	60.00	-44.71	QP
12	28.4079	3.91	9.66	13.57	50.00	-36.43	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

TEST RESULTS OF M02

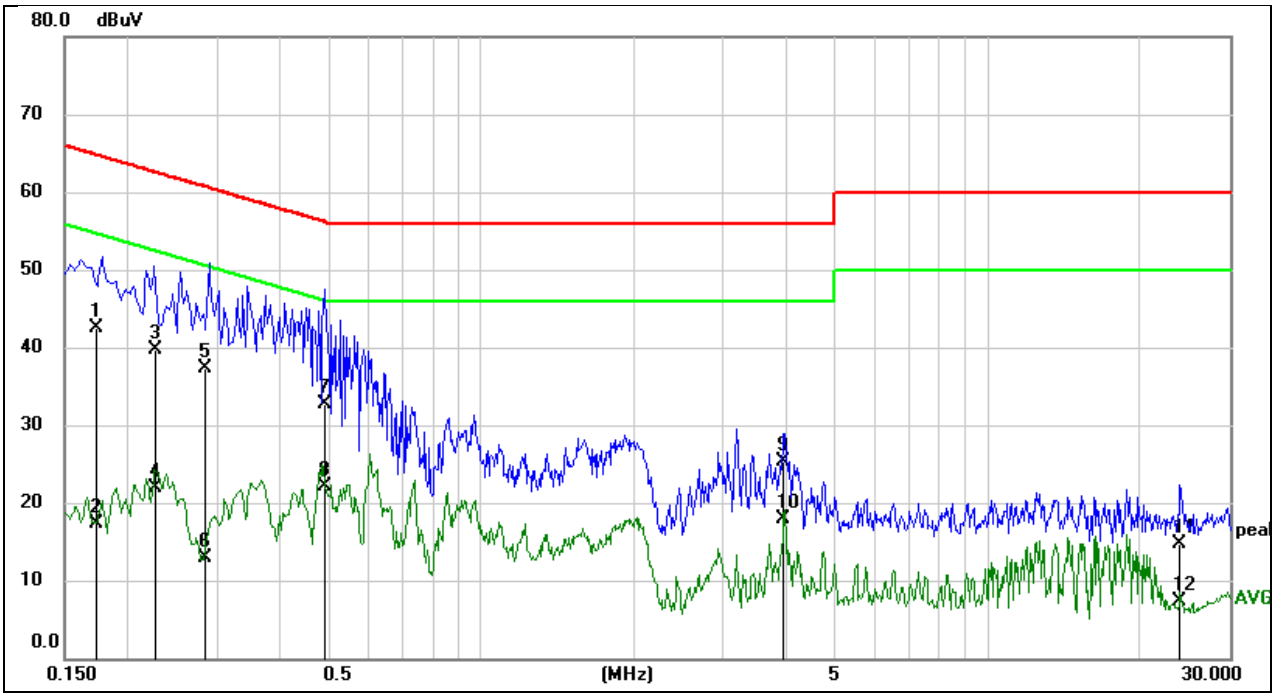
Test Mode:	M02	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	33.63	9.72	43.35	65.57	-22.22	QP
2	0.1580	5.90	9.72	15.62	55.57	-39.95	AVG
3	0.1940	33.37	9.65	43.02	63.86	-20.84	QP
4	0.1940	27.50	9.65	37.15	53.86	-16.71	AVG
5	0.2300	28.78	9.64	38.42	62.45	-24.03	QP
6	0.2300	9.76	9.64	19.40	52.45	-33.05	AVG
7	2.9500	15.44	9.73	25.17	56.00	-30.83	QP
8	2.9500	3.72	9.73	13.45	46.00	-32.55	AVG
9	3.9540	16.76	9.73	26.49	56.00	-29.51	QP
10	3.9540	5.68	9.73	15.41	46.00	-30.59	AVG
11	23.9260	9.31	9.71	19.02	60.00	-40.98	QP
12	23.9260	-2.36	9.71	7.35	50.00	-42.65	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M02	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



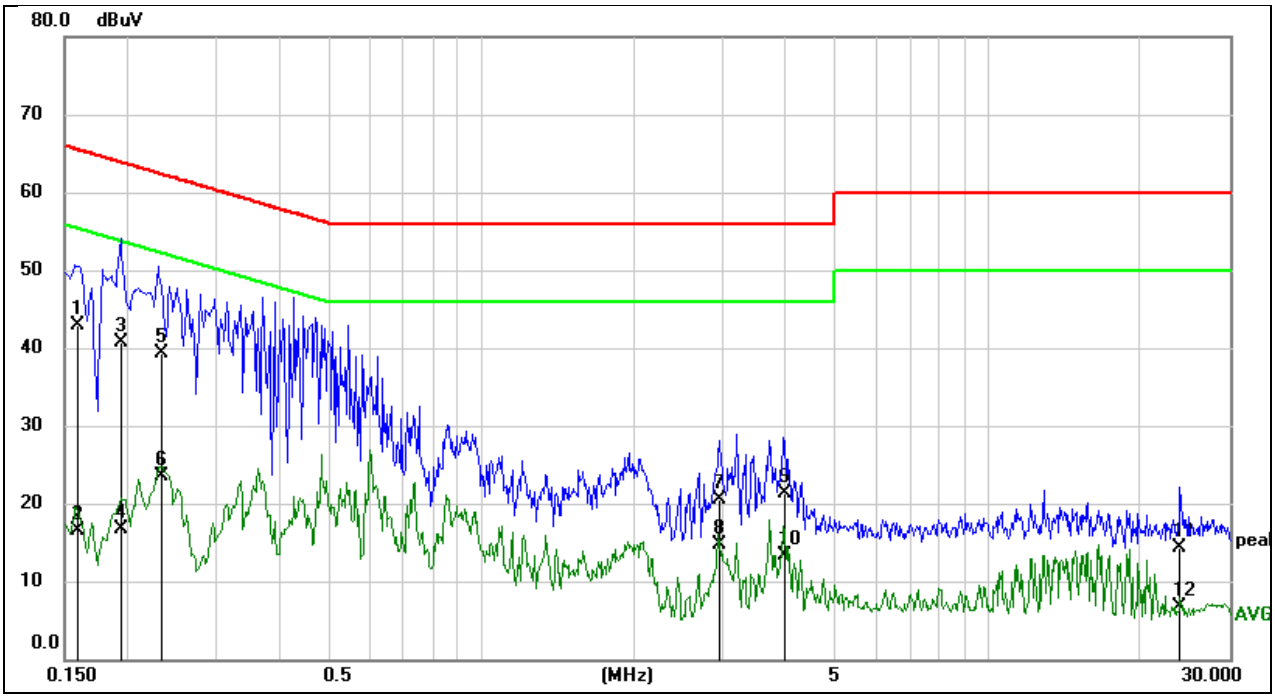
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1739	32.86	9.64	42.50	64.77	-22.27	QP
2	0.1739	7.67	9.64	17.31	54.77	-37.46	AVG
3	0.2276	30.00	9.64	39.64	62.54	-22.90	QP
4	0.2276	12.34	9.64	21.98	52.54	-30.56	AVG
5	0.2853	27.63	9.64	37.27	60.66	-23.39	QP
6	0.2853	3.30	9.64	12.94	50.66	-37.72	AVG
7	0.4898	23.06	9.64	32.70	56.17	-23.47	QP
8	0.4898	12.46	9.64	22.10	46.17	-24.07	AVG
9	3.9449	15.68	9.63	25.31	56.00	-30.69	QP
10	3.9449	8.26	9.63	17.89	46.00	-28.11	AVG
11	23.9994	4.97	9.71	14.68	60.00	-45.32	QP
12	23.9994	-2.42	9.71	7.29	50.00	-42.71	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

TEST RESULTS OF M03

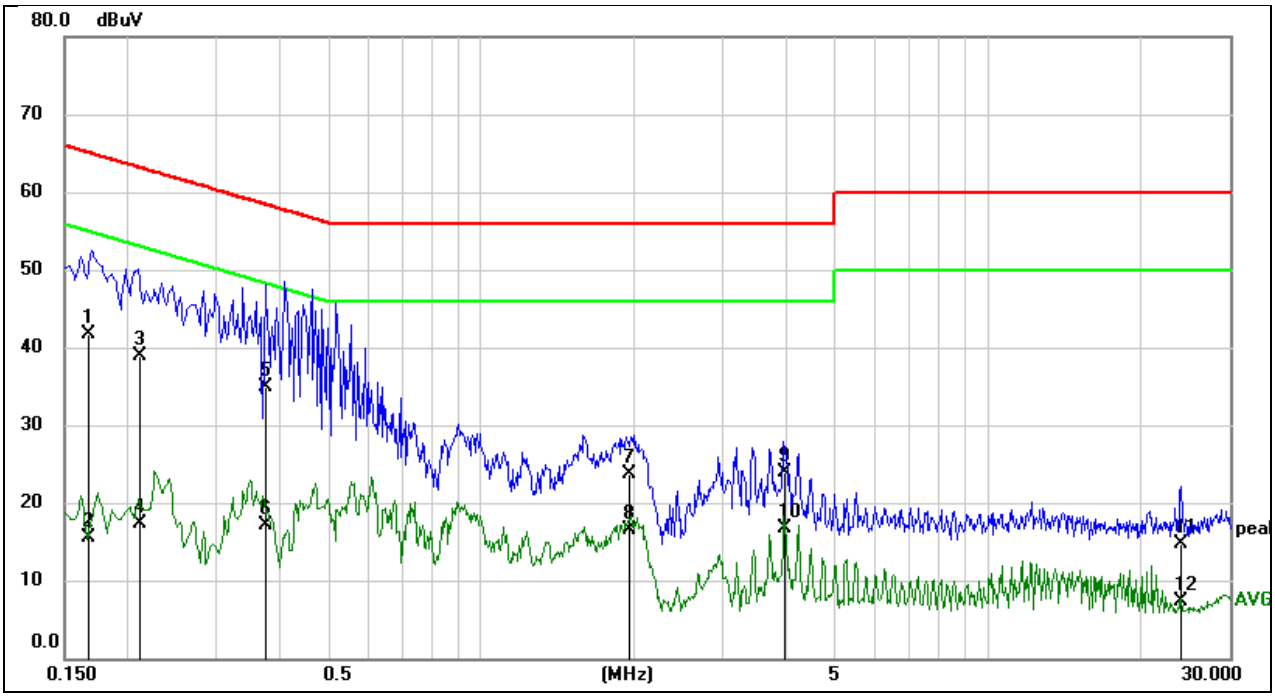
Test Mode:	M03	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1594	33.19	9.72	42.91	65.50	-22.59	QP
2	0.1594	6.87	9.72	16.59	55.50	-38.91	AVG
3	0.1937	31.07	9.65	40.72	63.88	-23.16	QP
4	0.1937	7.03	9.65	16.68	53.88	-37.20	AVG
5	0.2340	29.58	9.64	39.22	62.31	-23.09	QP
6	0.2340	13.82	9.64	23.46	52.31	-28.85	AVG
7	2.9470	10.72	9.73	20.45	56.00	-35.55	QP
8	2.9470	4.94	9.73	14.67	46.00	-31.33	AVG
9	3.9768	11.58	9.73	21.31	56.00	-34.69	QP
10	3.9768	3.56	9.73	13.29	46.00	-32.71	AVG
11	23.9704	4.54	9.71	14.25	60.00	-45.75	QP
12	23.9704	-3.07	9.71	6.64	50.00	-43.36	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M03	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



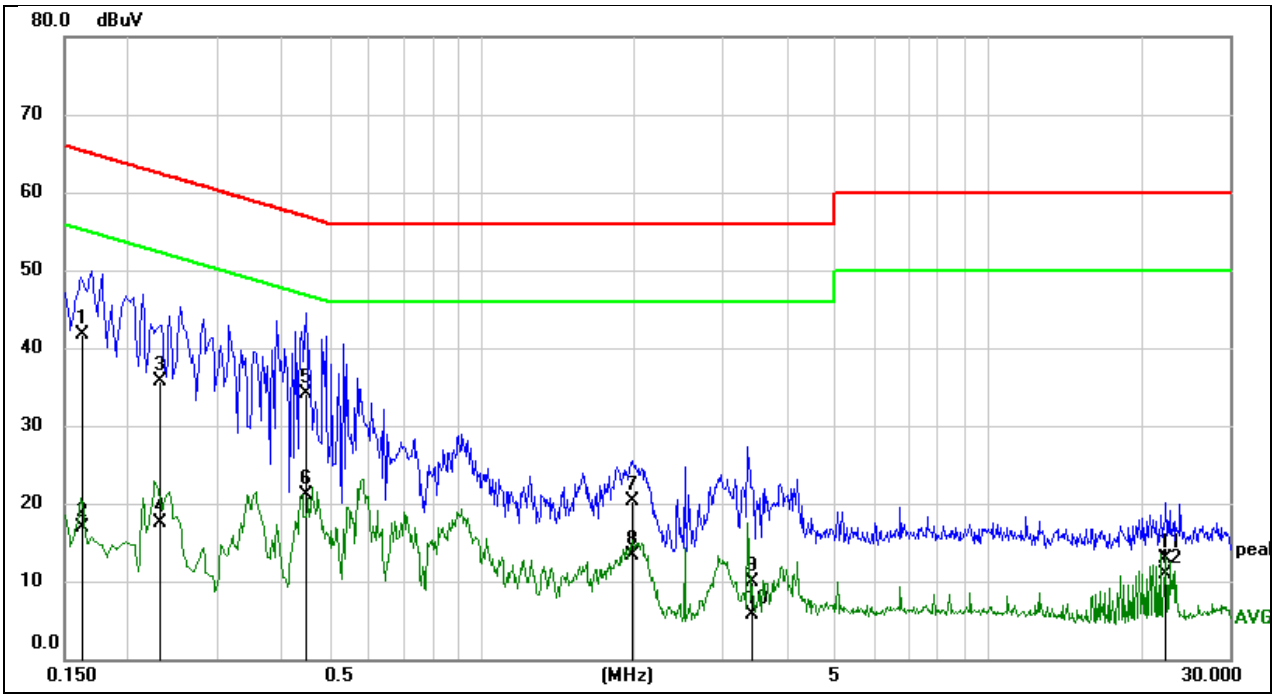
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1661	32.06	9.64	41.70	65.15	-23.45	QP
2	0.1661	5.93	9.64	15.57	55.15	-39.58	AVG
3	0.2117	29.25	9.64	38.89	63.14	-24.25	QP
4	0.2117	7.67	9.64	17.31	53.14	-35.83	AVG
5	0.3735	25.30	9.64	34.94	58.42	-23.48	QP
6	0.3735	7.53	9.64	17.17	48.42	-31.25	AVG
7	1.9489	14.16	9.64	23.80	56.00	-32.20	QP
8	1.9489	6.80	9.64	16.44	46.00	-29.56	AVG
9	3.9770	14.26	9.63	23.89	56.00	-32.11	QP
10	3.9770	7.15	9.63	16.78	46.00	-29.22	AVG
11	23.9994	4.93	9.71	14.64	60.00	-45.36	QP
12	23.9994	-2.50	9.71	7.21	50.00	-42.79	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

TEST RESULTS OF M04

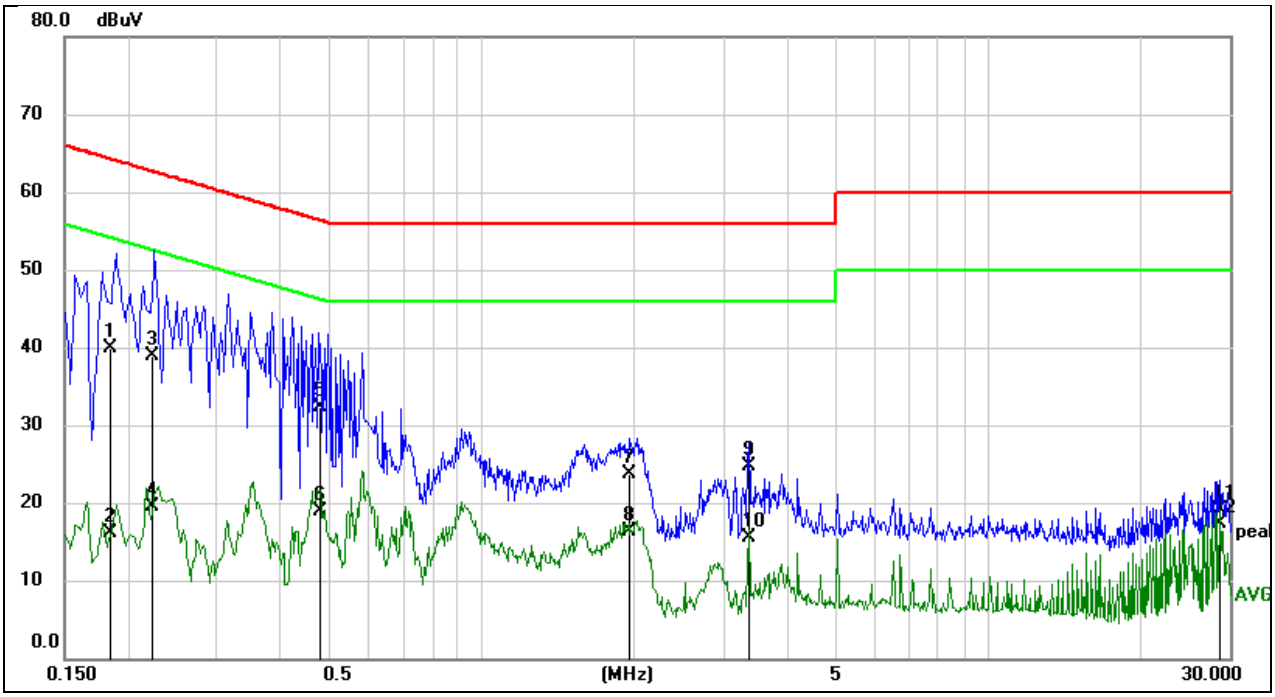
Test Mode:	M04	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1627	32.03	9.71	41.74	65.32	-23.58	QP
2	0.1627	7.18	9.71	16.89	55.32	-38.43	AVG
3	0.2308	26.05	9.64	35.69	62.42	-26.73	QP
4	0.2308	7.80	9.64	17.44	52.42	-34.98	AVG
5	0.4480	24.48	9.64	34.12	56.91	-22.79	QP
6	0.4480	11.55	9.64	21.19	46.91	-25.72	AVG
7	1.9892	10.47	9.74	20.21	56.00	-35.79	QP
8	1.9892	3.65	9.74	13.39	46.00	-32.61	AVG
9	3.4190	0.23	9.73	9.96	56.00	-46.04	QP
10	3.4190	-4.02	9.73	5.71	46.00	-40.29	AVG
11	22.5309	3.19	9.71	12.90	60.00	-47.10	QP
12	22.5309	1.26	9.71	10.97	50.00	-39.03	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M04	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



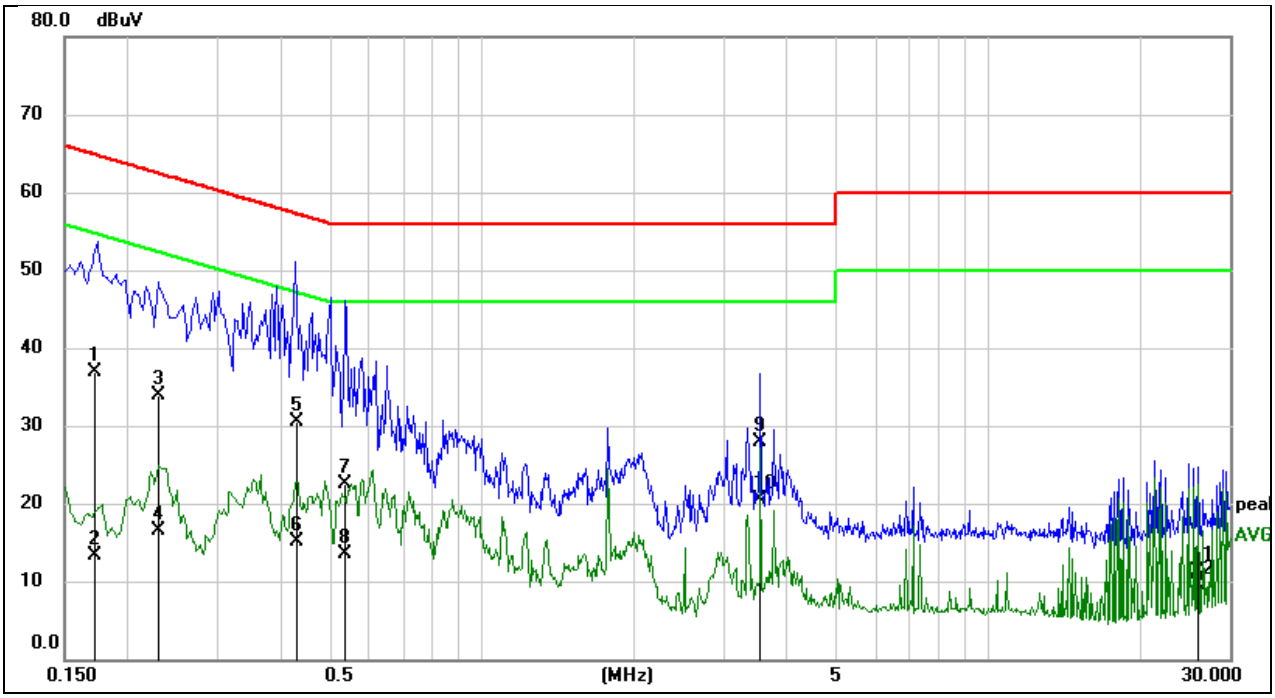
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1859	30.33	9.64	39.97	64.22	-24.25	QP
2	0.1859	6.37	9.64	16.01	54.22	-38.21	AVG
3	0.2228	29.22	9.64	38.86	62.71	-23.85	QP
4	0.2228	9.83	9.64	19.47	52.71	-33.24	AVG
5	0.4810	22.70	9.64	32.34	56.32	-23.98	QP
6	0.4810	9.36	9.64	19.00	46.32	-27.32	AVG
7	1.9646	14.15	9.64	23.79	56.00	-32.21	QP
8	1.9646	6.66	9.64	16.30	46.00	-29.70	AVG
9	3.3632	15.09	9.63	24.72	56.00	-31.28	QP
10	3.3632	5.80	9.63	15.43	46.00	-30.57	AVG
11	28.7344	9.36	9.65	19.01	60.00	-40.99	QP
12	28.7344	7.73	9.65	17.38	50.00	-32.62	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

TEST RESULTS OF M05

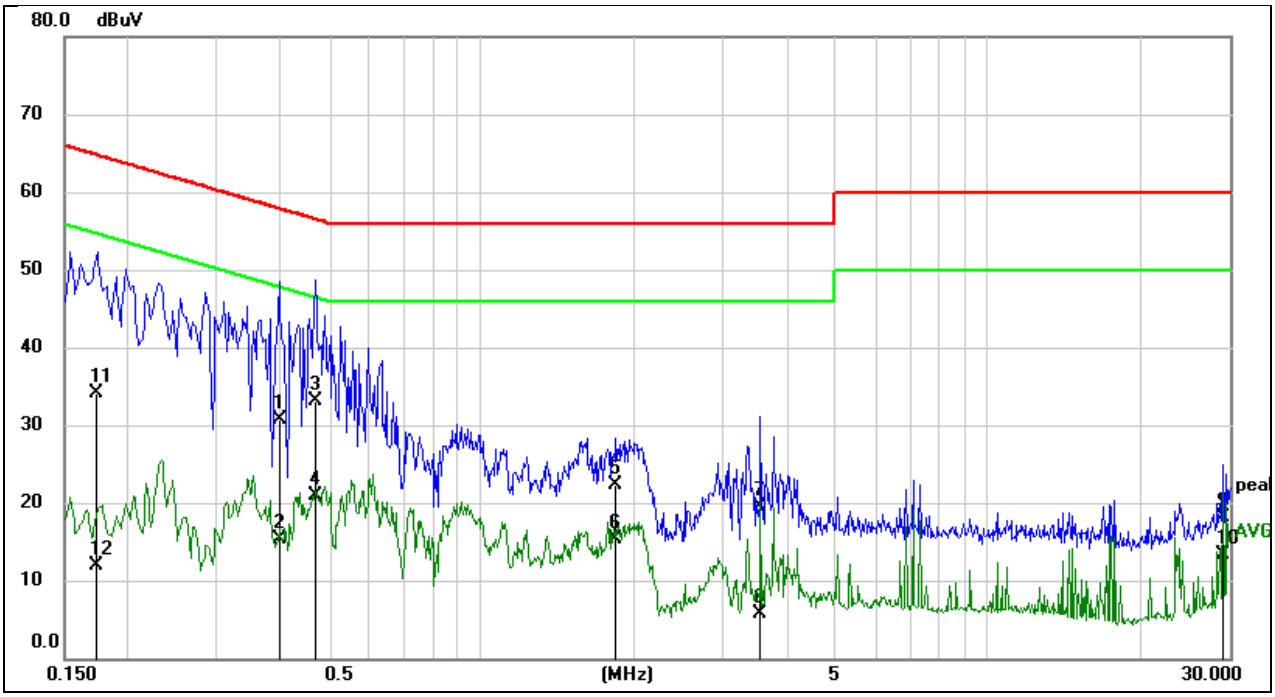
Test Mode:	M05	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1717	27.30	9.70	37.00	64.88	-27.88	QP
2	0.1717	3.60	9.70	13.30	54.88	-41.58	AVG
3	0.2283	24.30	9.64	33.94	62.51	-28.57	QP
4	0.2283	6.95	9.64	16.59	52.51	-35.92	AVG
5	0.4306	20.79	9.64	30.43	57.24	-26.81	QP
6	0.4306	5.40	9.64	15.04	47.24	-32.20	AVG
7	0.5364	12.92	9.64	22.56	56.00	-33.44	QP
8	0.5364	3.79	9.64	13.43	46.00	-32.57	AVG
9	3.5556	18.15	9.73	27.88	56.00	-28.12	QP
10	3.5556	10.82	9.73	20.55	46.00	-25.45	AVG
11	25.9998	1.58	9.69	11.27	60.00	-48.73	QP
12	25.9998	-0.17	9.69	9.52	50.00	-40.48	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M05	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



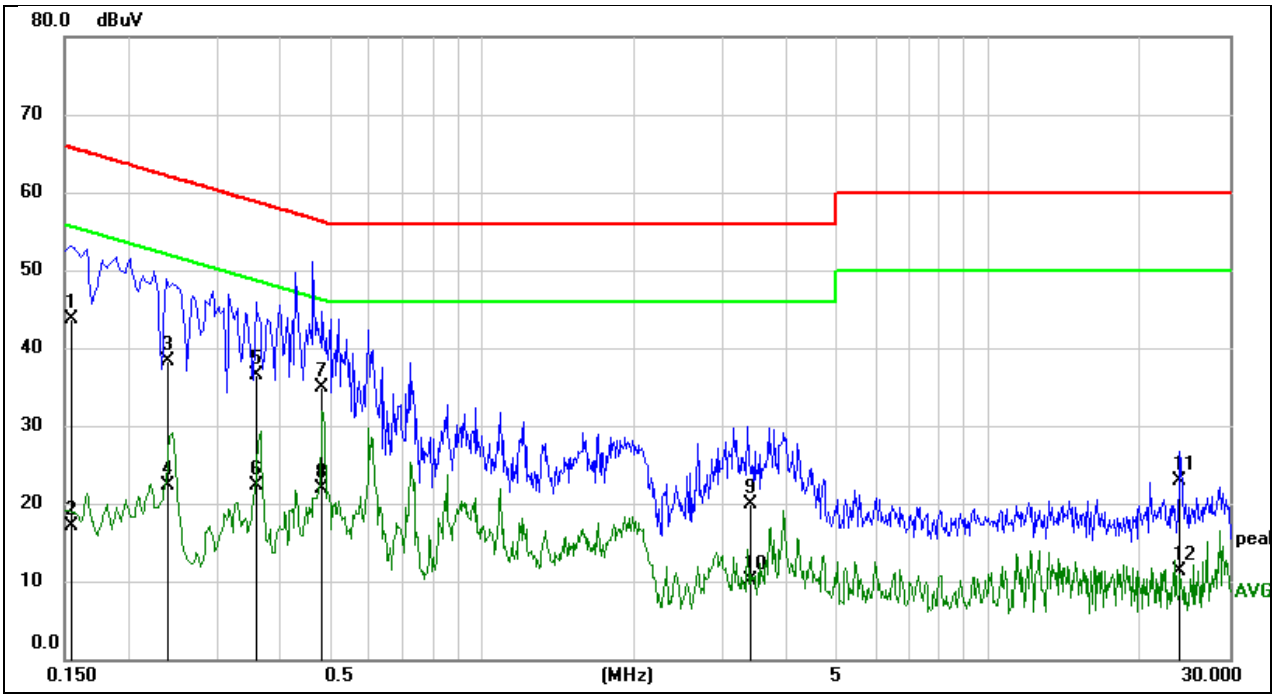
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3958	20.97	9.64	30.61	57.94	-27.33	QP
2	0.3958	5.59	9.64	15.23	47.94	-32.71	AVG
3	0.4696	23.38	9.64	33.02	56.52	-23.50	QP
4	0.4696	11.28	9.64	20.92	46.52	-25.60	AVG
5	1.8366	12.76	9.64	22.40	56.00	-33.60	QP
6	1.8366	5.62	9.64	15.26	46.00	-30.74	AVG
7	3.5444	9.88	9.63	19.51	56.00	-36.49	QP
8	3.5444	-3.99	9.63	5.64	46.00	-40.36	AVG
9	29.1108	8.41	9.65	18.06	60.00	-41.94	QP
10	29.1108	3.56	9.65	13.21	50.00	-36.79	AVG
11	0.1726	24.50	9.64	34.14	64.83	-30.69	QP
12	0.1726	2.35	9.64	11.99	54.83	-42.84	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

TEST RESULTS OF M06

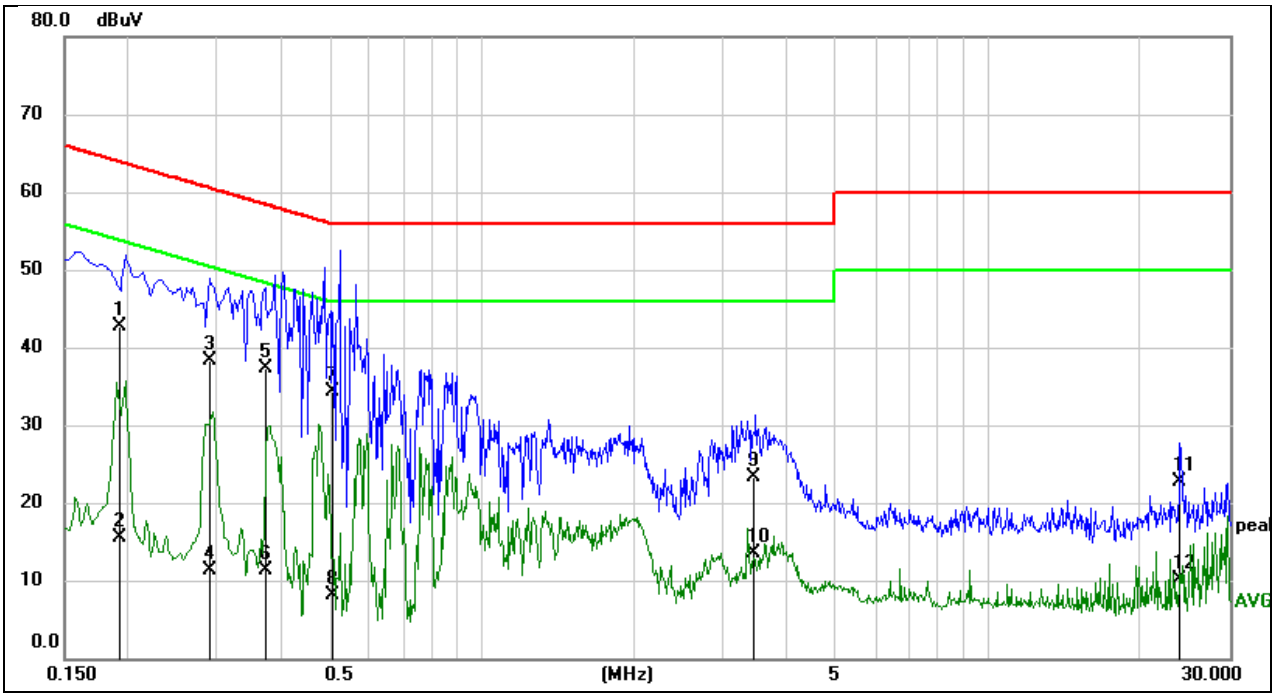
Test Mode:	M06	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1555	34.04	9.73	43.77	65.70	-21.93	QP
2	0.1555	7.42	9.73	17.15	55.70	-38.55	AVG
3	0.2411	28.76	9.64	38.40	62.06	-23.66	QP
4	0.2411	12.62	9.64	22.26	52.06	-29.80	AVG
5	0.3602	26.96	9.64	36.60	58.72	-22.12	QP
6	0.3602	12.60	9.64	22.24	48.72	-26.48	AVG
7	0.4833	25.32	9.64	34.96	56.28	-21.32	QP
8	0.4833	12.30	9.64	21.94	46.28	-24.34	AVG
9	3.3982	10.27	9.73	20.00	56.00	-36.00	QP
10	3.3982	0.46	9.73	10.19	46.00	-35.81	AVG
11	23.9997	13.10	9.71	22.81	60.00	-37.19	QP
12	23.9997	1.65	9.71	11.36	50.00	-38.64	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	M06	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1934	33.15	9.64	42.79	63.89	-21.10	QP
2	0.1934	5.77	9.64	15.41	53.89	-38.48	AVG
3	0.2892	28.59	9.64	38.23	60.55	-22.32	QP
4	0.2892	1.58	9.64	11.22	50.55	-39.33	AVG
5	0.3743	27.71	9.64	37.35	58.40	-21.05	QP
6	0.3743	1.60	9.64	11.24	48.40	-37.16	AVG
7	0.5073	24.67	9.64	34.31	56.00	-21.69	QP
8	0.5073	-1.60	9.64	8.04	46.00	-37.96	AVG
9	3.4578	13.75	9.63	23.38	56.00	-32.62	QP
10	3.4578	3.87	9.63	13.50	46.00	-32.50	AVG
11	23.9998	12.96	9.71	22.67	60.00	-37.33	QP
12	23.9998	0.46	9.71	10.17	50.00	-39.83	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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

END OF REPORT