



**FCC 47 CFR PART 15 SUBPART C**

**CERTIFICATION TEST REPORT**

*For*

**PADDOCKSOLO**

**MODEL NUMBER: 0010021**

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

**ISSUE DATE: April 2, 2025**

**FCC ID: 2AZI9-PADSOLO**

*Prepared for*

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## Revision History

Rev.	Issue Date	Revisions	Revised By
V0	April 2, 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  
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### Manufacturer Information

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

### EUT Information

EUT Name: PADDOCKSOLO  
Model: 0010021  
Brand: Hermès Paris  
Sample Received Date: March 5, 2025  
Sample Status: Normal  
Sample ID: 8197354-1  
Date of Tested: March 5, 2025 to April 3, 2025

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

Prepared By:



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Senior Project Engineer

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	<p><b>A2LA (Certificate No.: 4102.01)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p><b>ISED (Company No.: 21320)</b> 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.</p>
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Note 1: All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, Zhihui City Phase I, 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	PADDOCKSOLO	
Model	0010021	
Product Description	Operation Frequency	127.7kHz and 360kHz
Rated Output Power	15 W	
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 Output: 15W (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	20W ADAPTER Input + Air Pods Pro Case charging with 15 W (1 % battery status of client device)
M02	20W ADAPTER Input + Air Pods Pro Case charging with 15 W (50 % battery status of client device)
M03	20W ADAPTER Input + Air Pods Pro Case charging with 15 W (99 % battery status of client device)
M04	20W ADAPTER Input + Iphone 11 charging with 15 W (1 % battery status of client device)
M05	20W ADAPTER Input + Iphone 11 charging with 15 W (50 % battery status of client device)
M06	20W ADAPTER Input + Iphone 11 charging with 15 W (99 % battery status of client device)
M07	20W ADAPTER Input + Iphone 16 charging with 15 W (1 % battery status of client device)
M08	20W ADAPTER Input + Iphone 16 charging with 15 W (50 % battery status of client device)
M09	20W ADAPTER Input + Iphone 16 charging with 15 W (99 % battery status of client device)
M10	30W ADAPTER Input + Air Pods Pro Case charging with 15 W (1 % battery status of client device)
M11	30W ADAPTER Input + Air Pods Pro Case charging with 15 W (50 % battery status of client device)
M12	30W ADAPTER Input + Air Pods Pro Case charging with 15 W (99 % battery status of client device)
M13	30W ADAPTER Input + Iphone 11 charging with 15 W (1 % battery status of client device)



M14	30W ADAPTER Input + Iphone 11 charging with 15 W (50 % battery status of client device)
M15	30W ADAPTER Input + Iphone 11 charging with 15 W (99 % battery status of client device)
M16	30W ADAPTER Input + Iphone 16 charging with 15 W (1 % battery status of client device)
M17	30W ADAPTER Input + Iphone 16 charging with 15 W (50 % battery status of client device)
M18	30W ADAPTER Input + Iphone 16 charging with 15 W (99 % battery status of client device)
M19	Standby

Note: All the modes had been tested, but only the worst data (Mode 16) was recorded in the report.

### 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.:	A2347
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
/	/	/	/	/	/

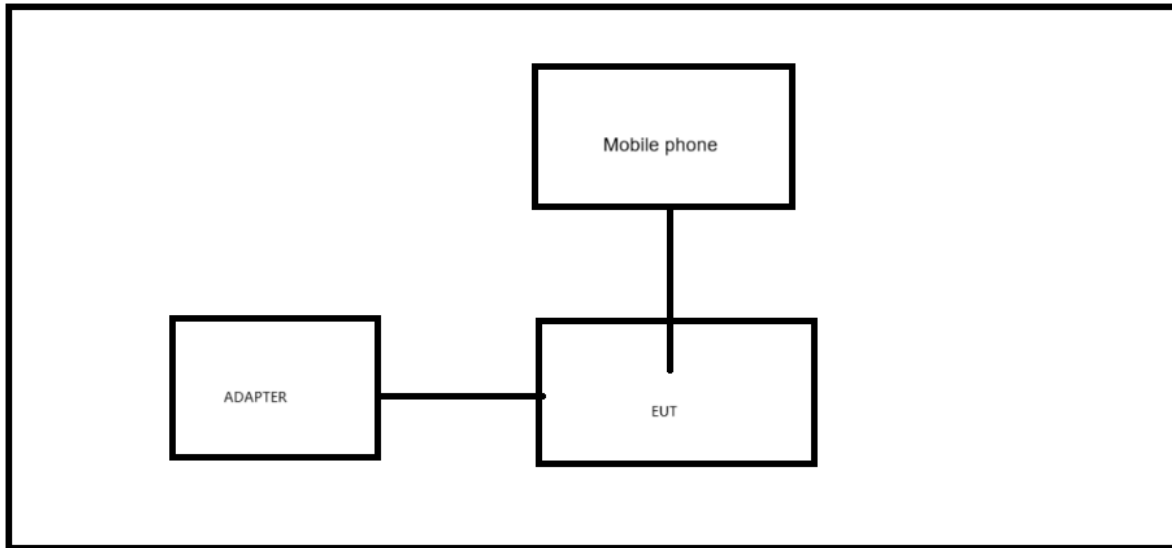
#### ACCESSORY

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	20W ADAPTER	APPLE	A2347	/
5	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

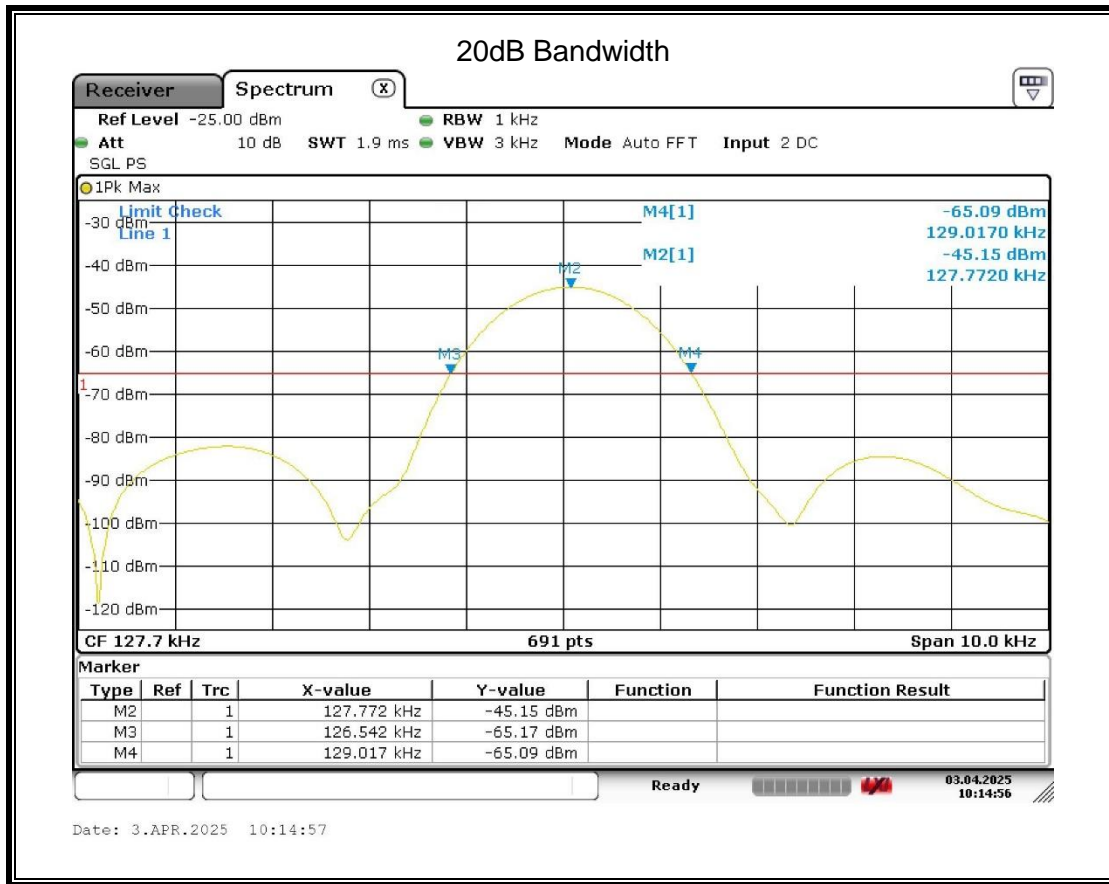


### TEST ENVIRONMENT

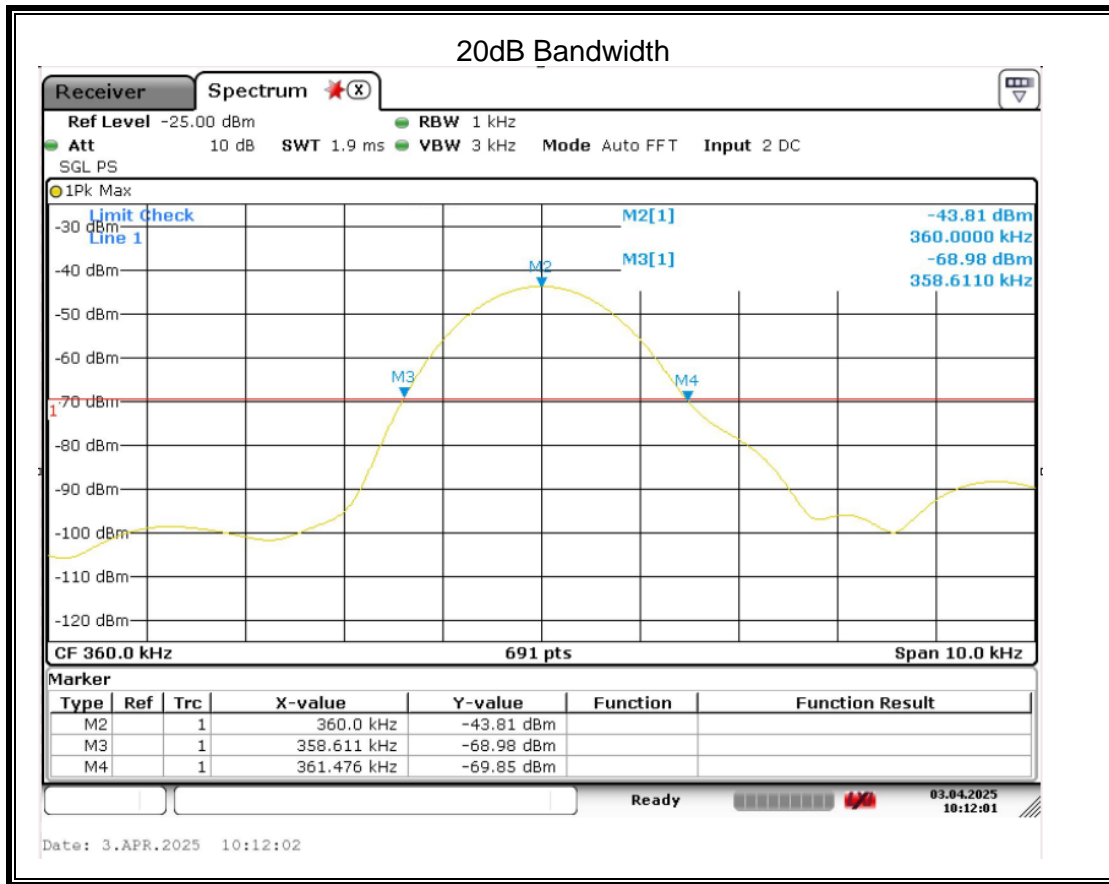
Temperature	24.1 °C	Relative Humidity	68 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

### RESULTS

Frequency (kHz)	20dB Bandwidth (kHz)
127.7	2.475



Frequency (kHz)	20dB Bandwidth (kHz)
360	2.865



## 7. RADIATED EMISSION TEST

### LIMITS

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

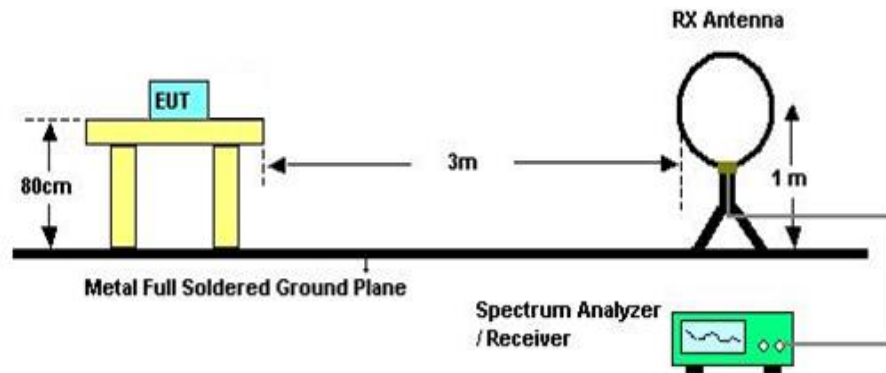
Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

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

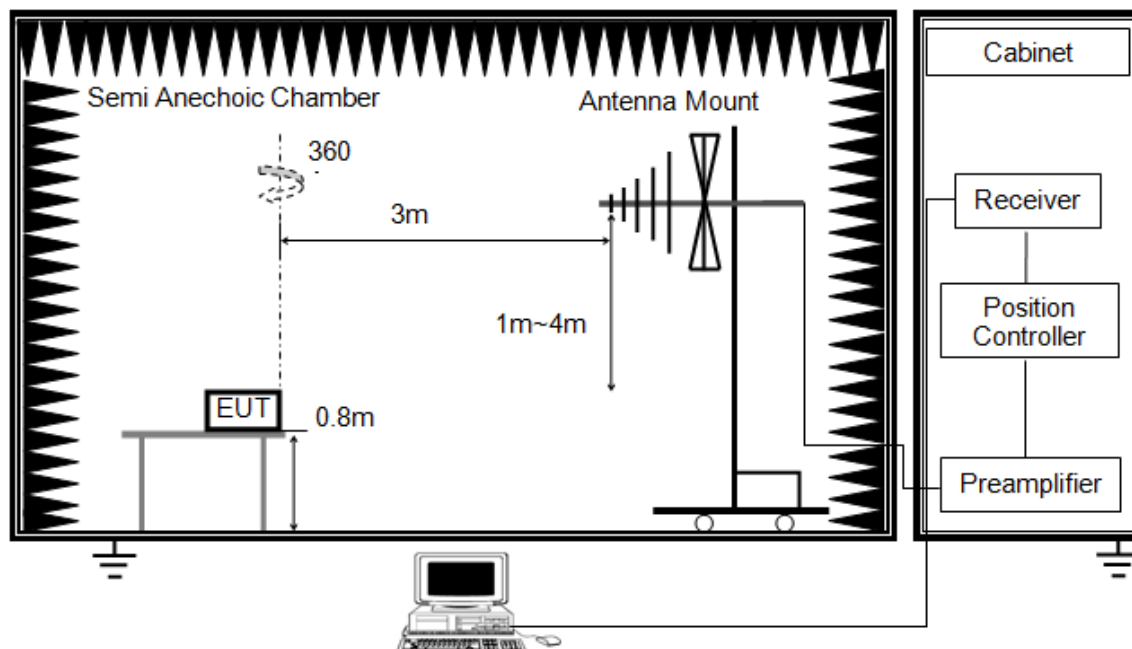


The setting of the spectrum analyser

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
Test Mode:	Mode 16		

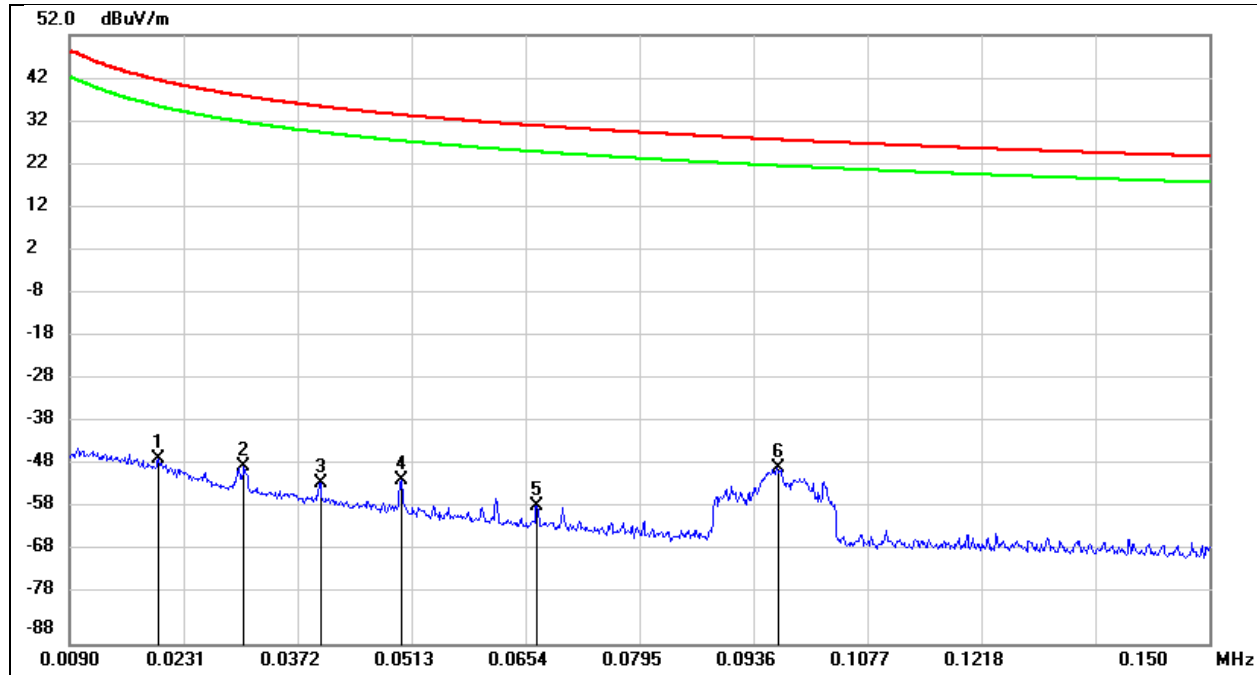
**RESULTS**

## 7.1. SPURIOUS EMISSIONS BELOW 30 MHz

### 7.1.1. Test result with iPhone

#### 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	0.0200	43.86	-89.40	-45.54	41.58	-87.12	peak
2	0.0306	43.68	-91.03	-47.35	37.89	-85.24	peak
3	0.0400	40.35	-91.35	-51.00	35.56	-86.56	peak
4	0.0500	41.18	-91.70	-50.52	33.62	-84.14	peak
5	0.0668	36.20	-92.46	-56.26	31.11	-87.37	peak
6	0.0966	45.01	-92.60	-47.59	27.90	-75.49	peak

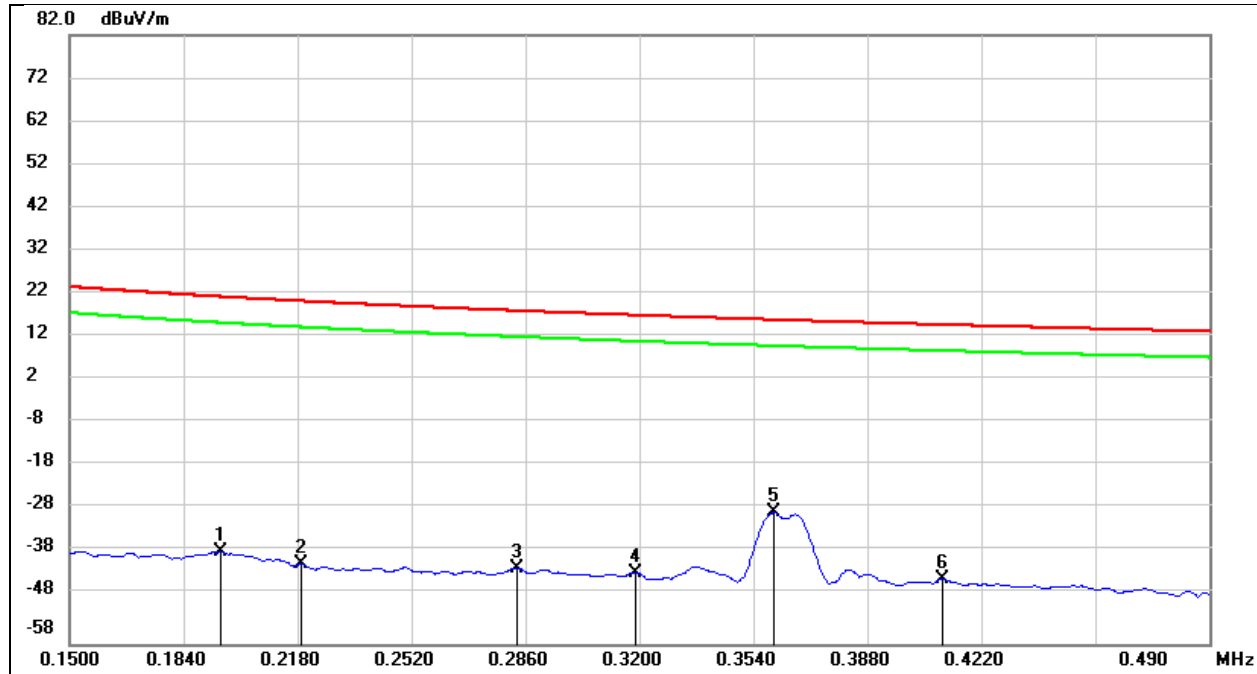
Note: 1. Measurement = Reading Level + Correct Factor.

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).

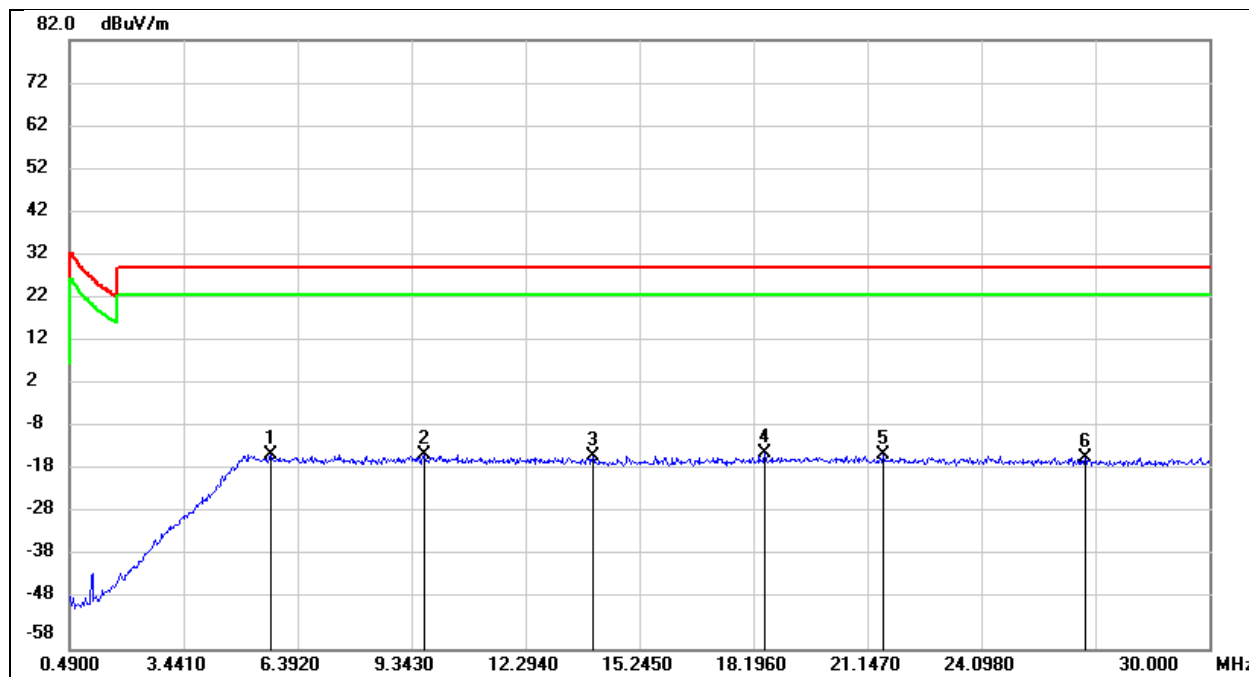
### 150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1949	55.10	-91.99	-36.89	21.81	-58.70	peak
2	0.2190	52.34	-92.04	-39.70	20.79	-60.49	peak
3	0.2833	51.76	-92.32	-40.56	18.56	-59.12	peak
4	0.3186	50.86	-92.44	-41.58	17.54	-59.12	peak
5	0.3601	64.68	-92.52	-27.84	16.47	-44.31	fundamental
6	0.4104	49.46	-92.62	-43.16	15.34	-58.50	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 5 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	5.7428	37.69	-48.37	-10.68	29.54	-40.22	peak
2	8.2805	43.35	-47.81	-4.46	29.54	-34.00	peak
3	17.7238	37.67	-46.94	-9.27	29.54	-38.81	peak
4	22.2094	45.26	-46.56	-1.30	29.54	-30.84	peak
5	22.6225	44.02	-46.55	-2.53	29.54	-32.07	peak
6	29.2327	39.41	-46.25	-6.84	29.54	-36.38	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.

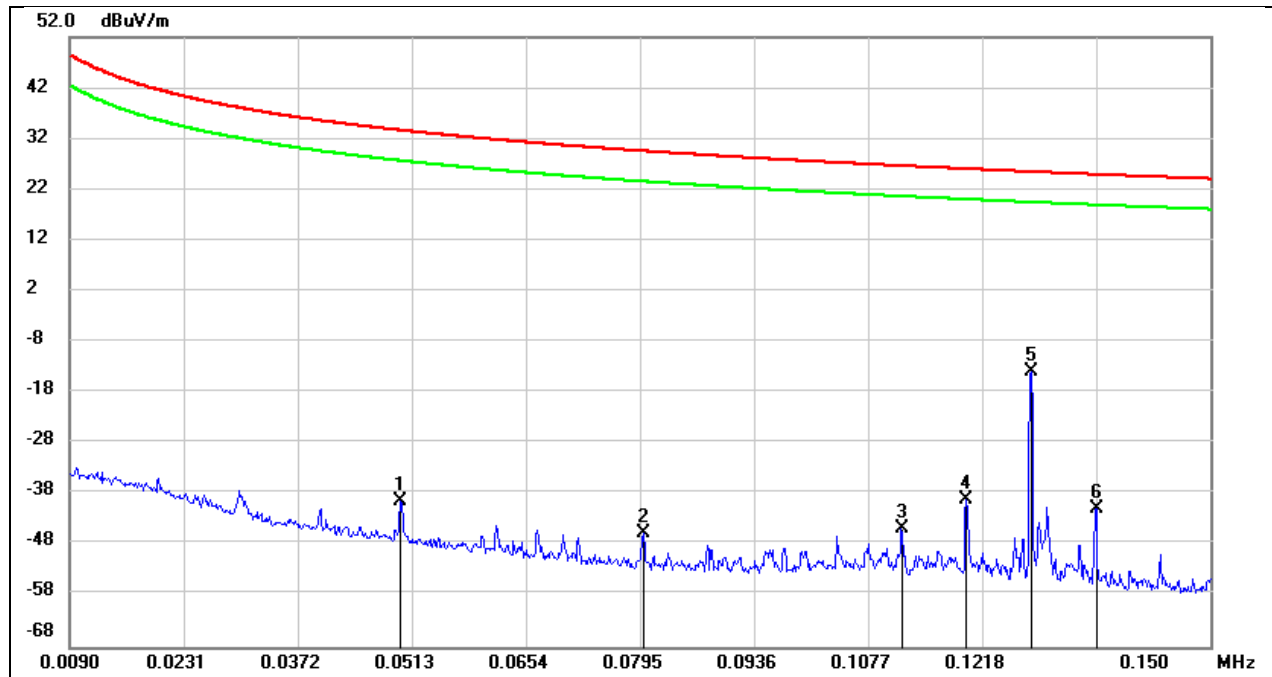
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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).

### 7.1.2. Test result with AirPods case

#### 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	0.0499	52.44	-91.70	-39.26	33.64	-72.90	peak
2	0.0799	46.98	-92.60	-45.62	29.55	-75.17	peak
3	0.1118	47.68	-92.53	-44.85	26.64	-71.49	peak
4	0.1198	53.50	-92.47	-38.97	26.03	-65.00	peak
5	0.1279	78.61	-92.41	-13.80	25.47	-39.27	fundamental
6	0.1358	51.67	-92.37	-40.70	24.95	-65.65	peak

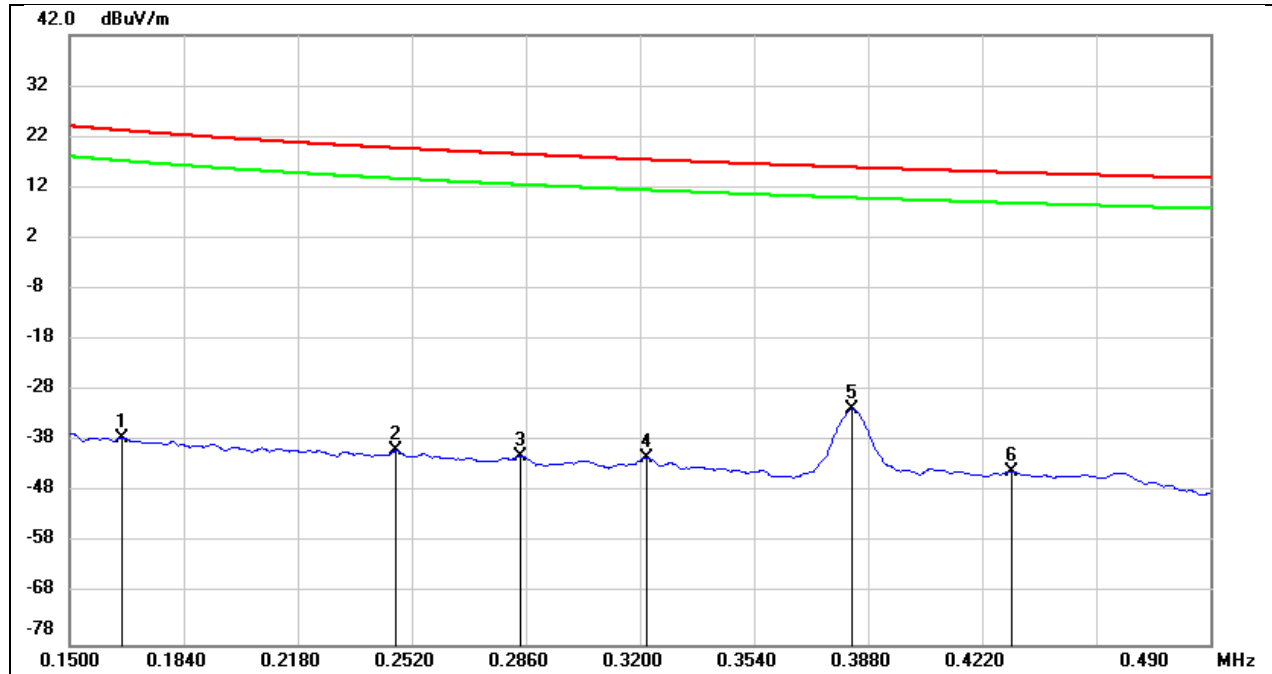
Note: 1. Measurement = Reading Level + Correct Factor.

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

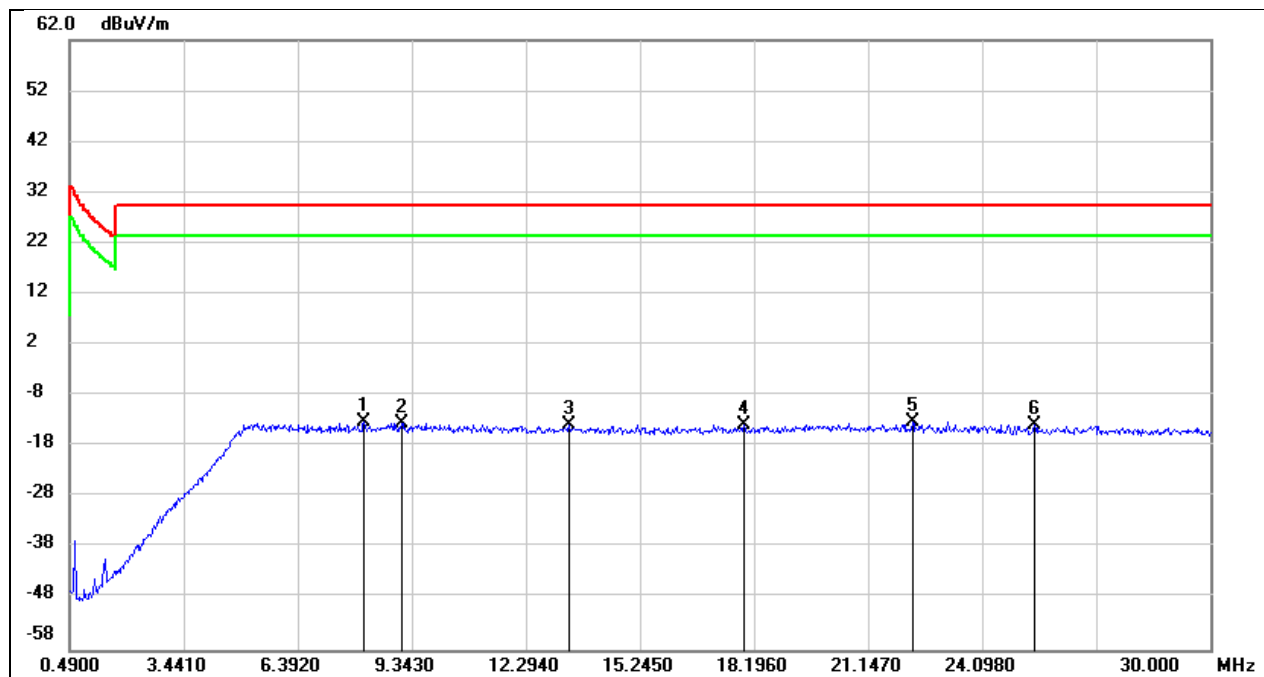


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1655	54.92	-92.17	-37.25	23.23	-60.48	peak
2	0.2472	52.29	-92.16	-39.87	19.74	-59.61	peak
3	0.2843	51.39	-92.33	-40.94	18.53	-59.47	peak
4	0.3220	51.23	-92.44	-41.21	17.44	-58.65	peak
5	0.3832	61.00	-92.57	-31.57	15.93	-47.50	peak
6	0.4305	48.77	-92.66	-43.89	14.92	-58.81	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 5 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	8.1036	38.01	-51.09	-13.08	29.54	-42.62	peak
2	9.0774	37.51	-51.00	-13.49	29.54	-43.03	peak
3	13.4154	37.05	-50.73	-13.68	29.54	-43.22	peak
4	17.9304	36.58	-50.21	-13.63	29.54	-43.17	peak
5	22.2979	36.46	-49.67	-13.21	29.54	-42.75	peak
6	25.4555	35.71	-49.46	-13.75	29.54	-43.29	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.

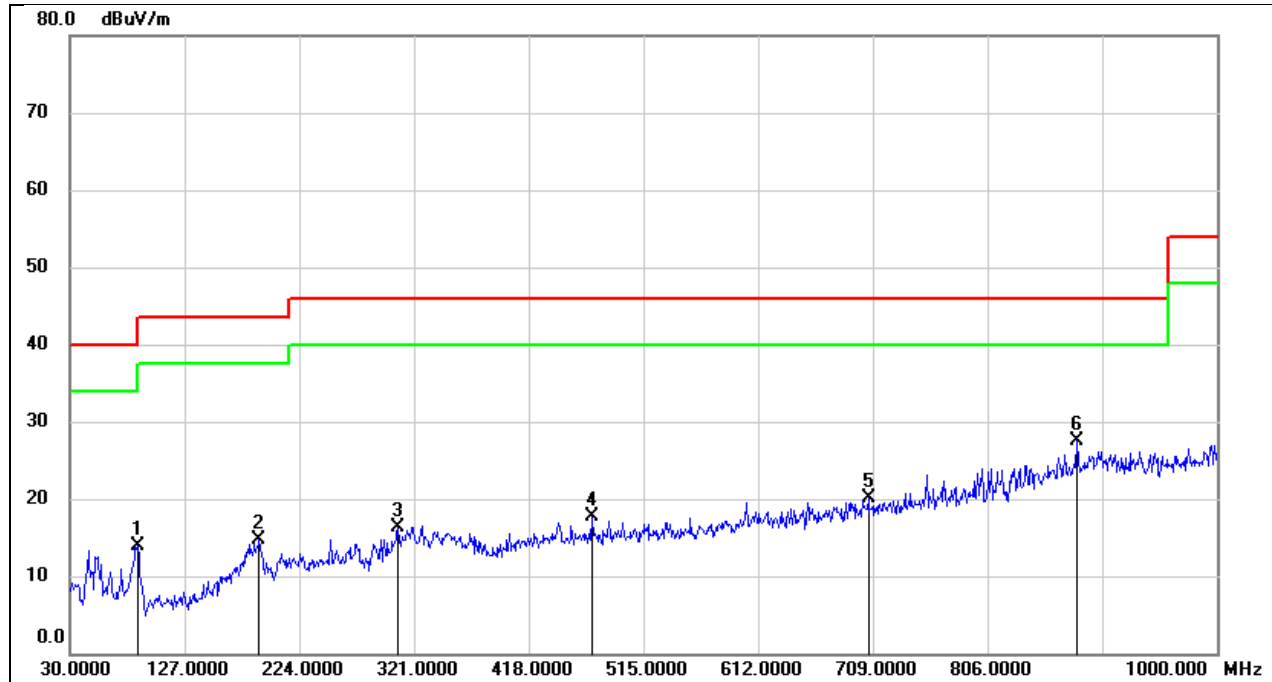
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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).

## 7.2. SPURIOUS EMISSIONS 30 MHz ~ 1 GHz

### 7.2.1. Test result with iPhone

#### FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	87.2300	30.48	-16.51	13.97	40.00	-26.03	QP
2	190.0500	26.58	-11.95	14.63	43.50	-28.87	QP
3	307.4200	27.52	-11.22	16.30	46.00	-29.70	QP
4	471.3500	25.63	-7.94	17.69	46.00	-28.31	QP
5	705.1200	24.30	-4.17	20.13	46.00	-25.87	QP
6	881.6600	28.23	-0.76	27.47	46.00	-18.53	QP

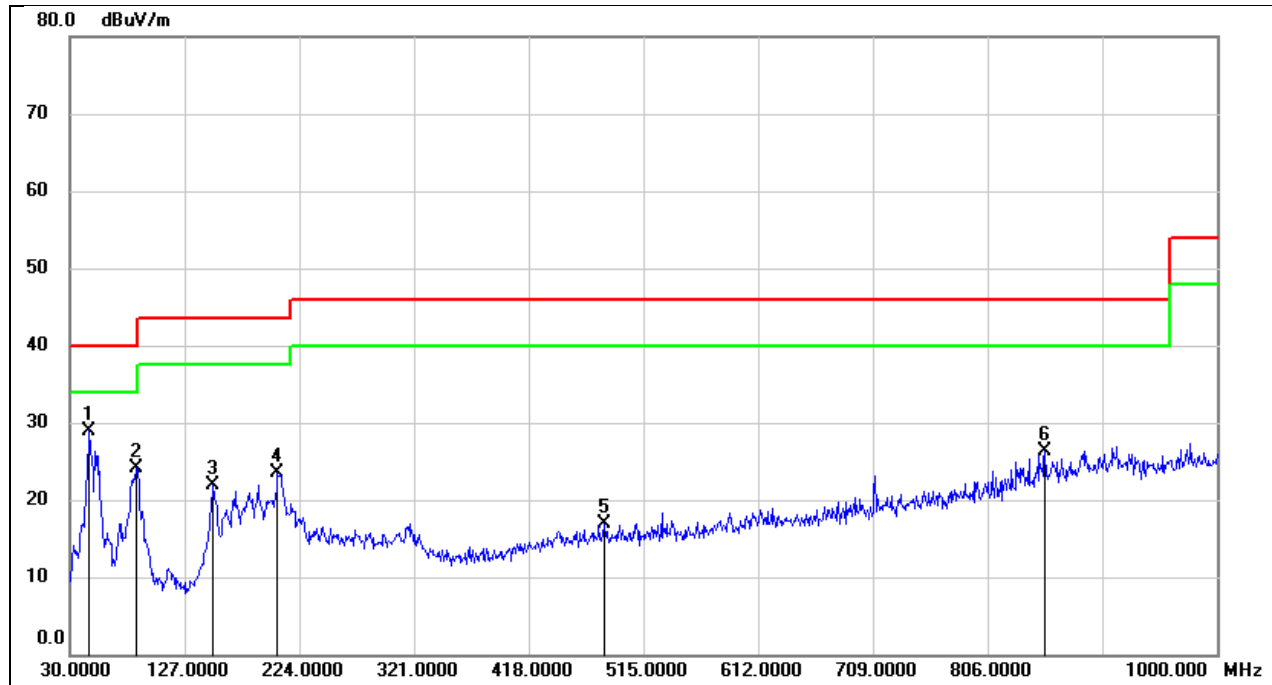
Note: 1. Result Level = Read Level + Correct Factor.

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	43.93	-14.93	29.00	40.00	-11.00	QP
2	86.2600	40.52	-16.45	24.07	40.00	-15.93	QP
3	151.2500	35.32	-13.38	21.94	43.50	-21.56	QP
4	205.5700	36.02	-12.51	23.51	43.50	-19.99	QP
5	482.0200	24.77	-7.89	16.88	46.00	-29.12	QP
6	854.5000	27.47	-1.25	26.22	46.00	-19.78	QP

Note: 1. Result Level = Read Level + Correct Factor.

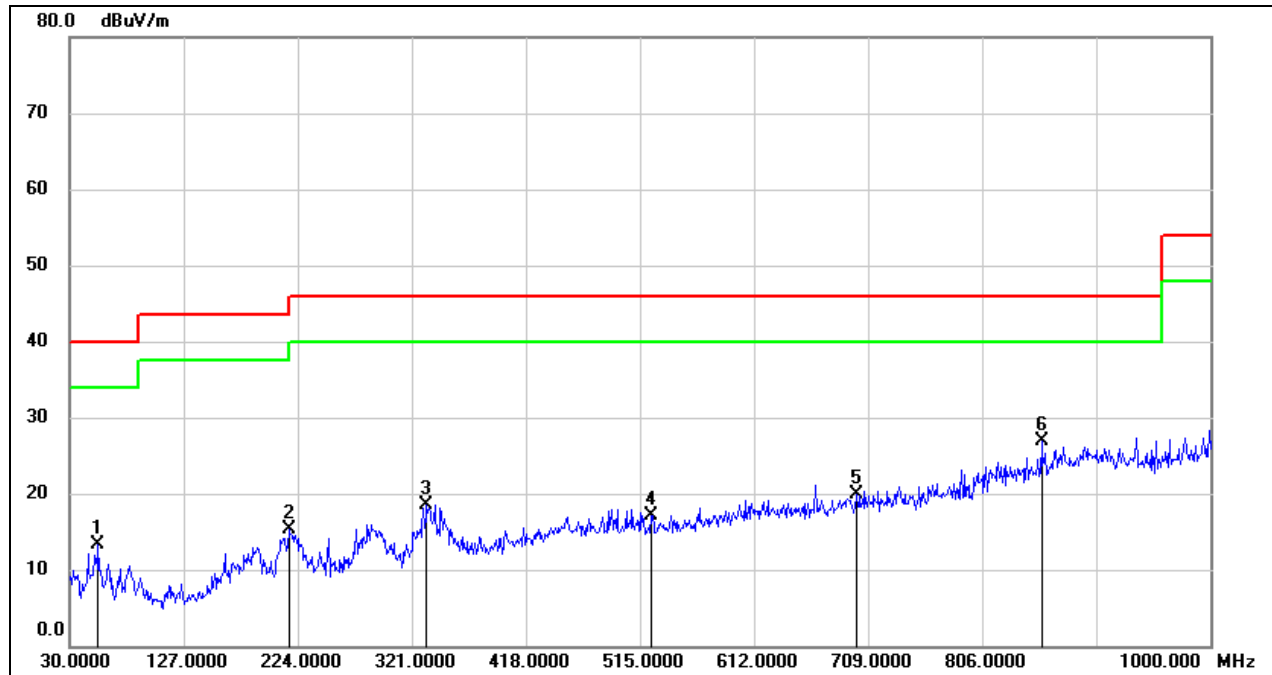
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

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.

### 7.2.2. Test result with AirPods case

#### FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	54.2500	28.38	-15.03	13.35	40.00	-26.65	QP
2	216.2400	28.23	-12.96	15.27	46.00	-30.73	QP
3	333.6099	28.77	-10.18	18.59	46.00	-27.41	QP
4	524.7000	24.50	-7.36	17.14	46.00	-28.86	QP
5	699.3000	24.23	-4.24	19.99	46.00	-26.01	QP
6	856.4400	28.04	-1.22	26.82	46.00	-19.18	QP

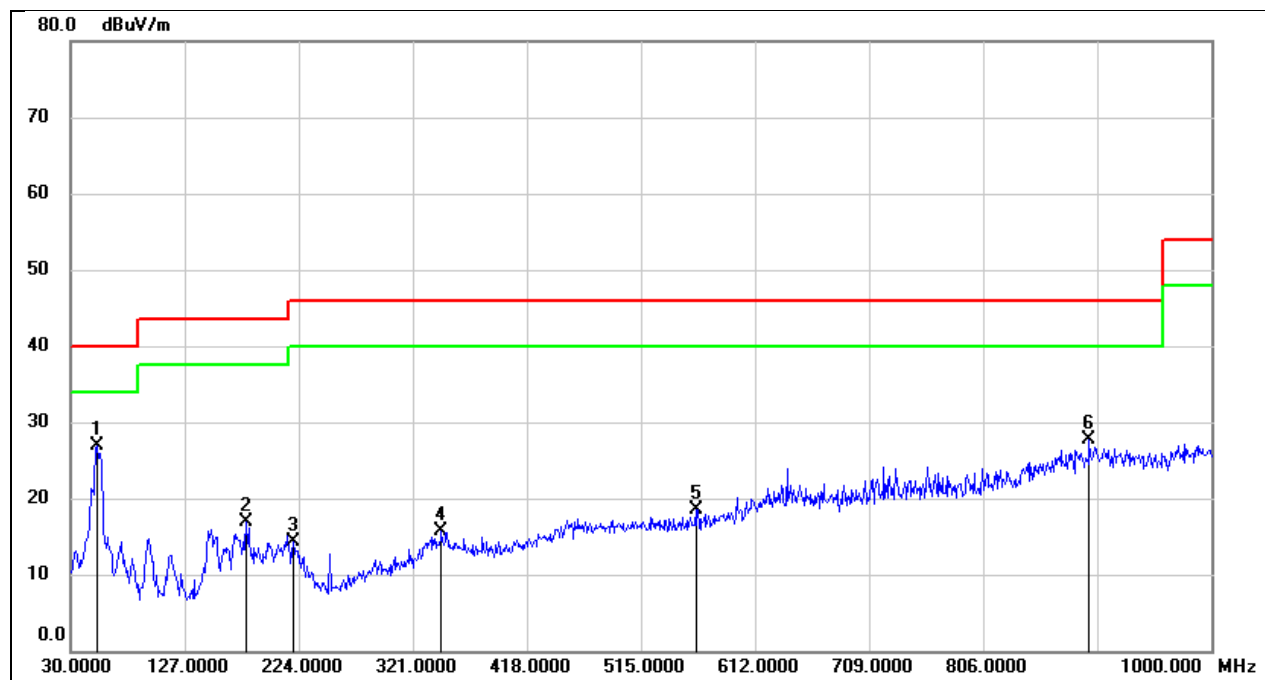
Note: 1. Result Level = Read Level + Correct Factor.

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	52.3100	41.90	-15.05	26.85	40.00	-13.15	QP
2	179.3800	28.68	-11.86	16.82	43.50	-26.68	QP
3	219.1500	27.46	-13.10	14.36	46.00	-31.64	QP
4	345.2500	25.36	-9.73	15.63	46.00	-30.37	QP
5	561.5600	25.25	-6.73	18.52	46.00	-27.48	QP
6	896.2100	28.23	-0.50	27.73	46.00	-18.27	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.

## 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

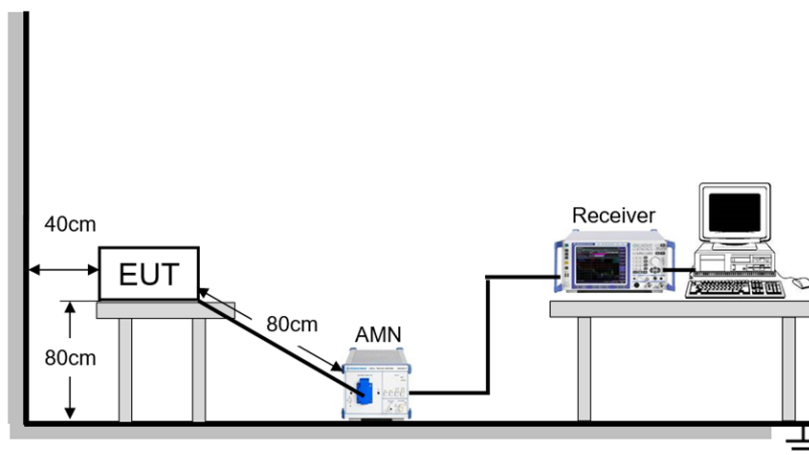
#### TEST SETUP AND PROCEDURE

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

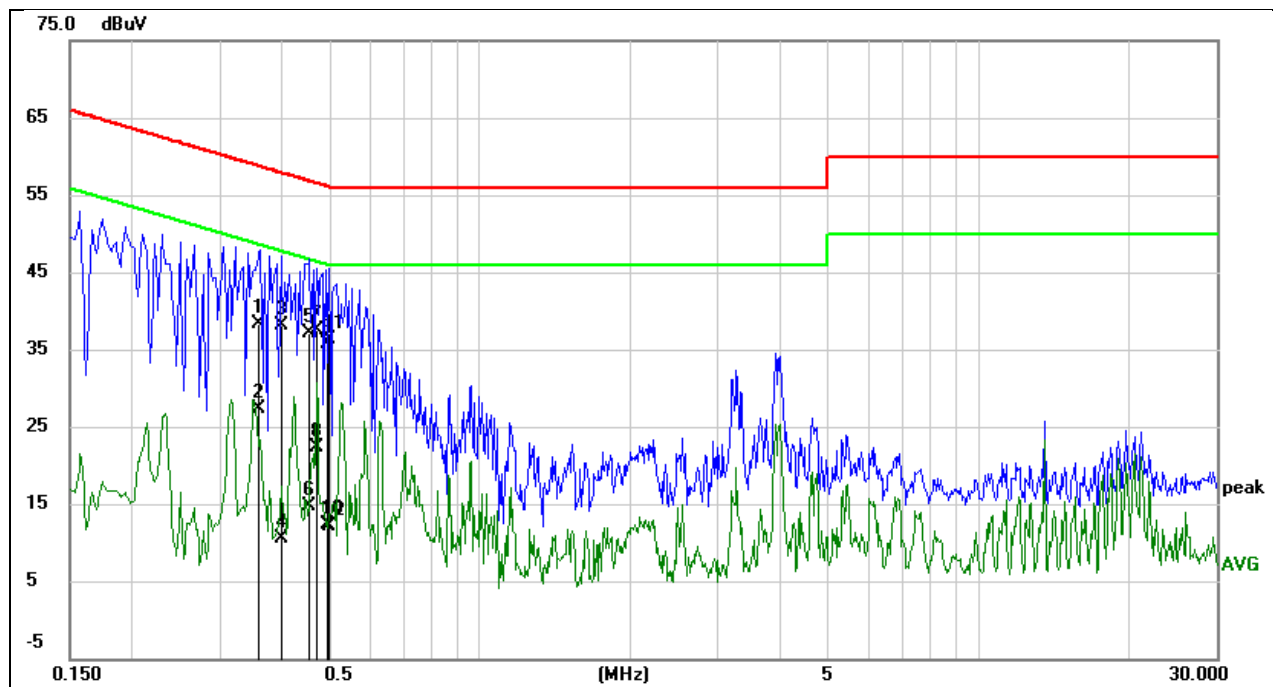


## TEST ENVIRONMENT

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

## TEST RESULTS

Test Mode:	Mode 16	Test Voltage	AC 120 V/60 Hz
Line	Line		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3579	28.76	9.64	38.40	58.78	-20.38	QP
2	0.3579	17.75	9.64	27.39	48.78	-21.39	AVG
3	0.3970	28.55	9.64	38.19	57.92	-19.73	QP
4	0.3970	0.82	9.64	10.46	47.92	-37.46	AVG
5	0.4535	27.37	9.64	37.01	56.81	-19.80	QP
6	0.4535	5.05	9.64	14.69	46.81	-32.12	AVG
7	0.4708	27.84	9.64	37.48	56.50	-19.02	QP
8	0.4708	12.68	9.64	22.32	46.50	-24.18	AVG
9	0.4940	26.14	9.64	35.78	56.10	-20.32	QP
10	0.4940	2.66	9.64	12.30	46.10	-33.80	AVG
11	0.4964	26.62	9.64	36.26	56.06	-19.80	QP
12	0.4964	2.42	9.64	12.06	46.06	-34.00	AVG

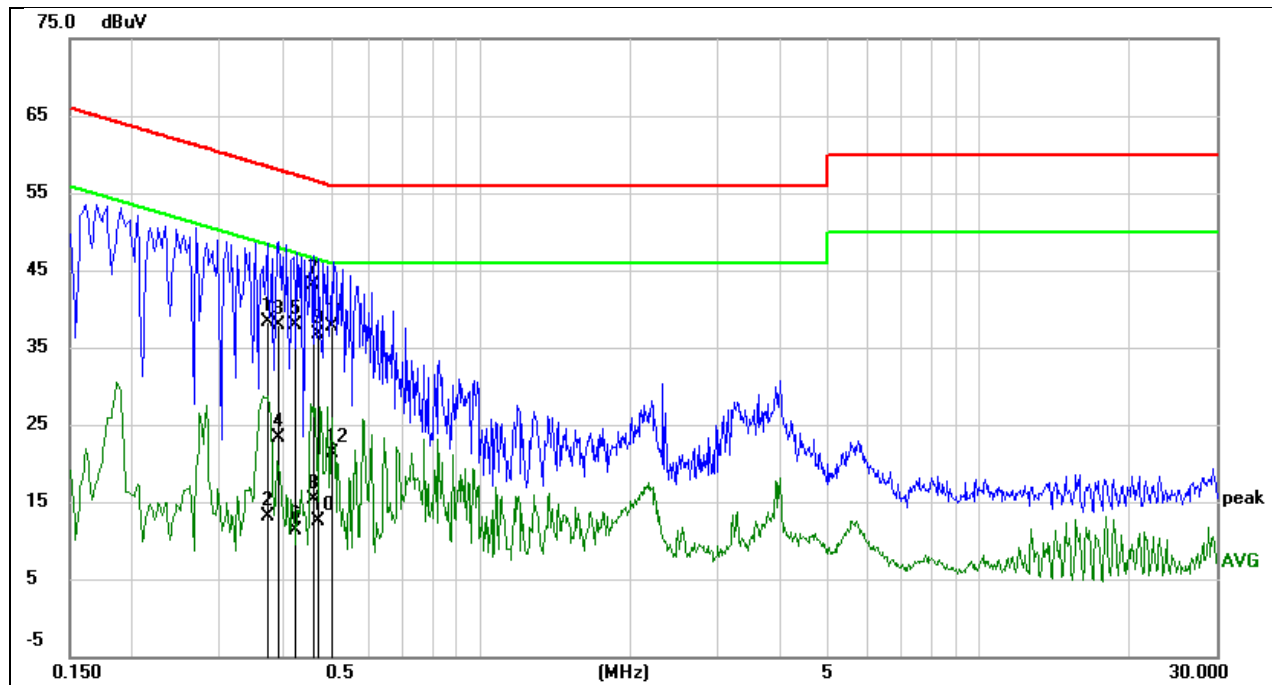
Note:

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:	Mode 16	Test Voltage	AC 120 V/60 Hz
Line	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3756	28.57	9.64	38.21	58.38	-20.17	QP
2	0.3756	3.49	9.64	13.13	48.38	-35.25	AVG
3	0.3952	28.28	9.64	37.92	57.95	-20.03	QP
4	0.3952	13.75	9.64	23.39	47.95	-24.56	AVG
5	0.4250	28.21	9.64	37.85	57.35	-19.50	QP
6	0.4250	1.69	9.64	11.33	47.35	-36.02	AVG
7	0.4627	33.54	9.64	43.18	56.64	-13.46	QP
8	0.4627	5.58	9.64	15.22	46.64	-31.42	AVG
9	0.4735	26.97	9.64	36.61	56.45	-19.84	QP
10	0.4735	2.83	9.64	12.47	46.45	-33.98	AVG
11	0.5024	28.15	9.64	37.79	56.00	-18.21	QP
12	0.5024	11.75	9.64	21.39	46.00	-24.61	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: 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**