



FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

wegear Ultra-Slim Power Bank

MODEL NUMBER: PB1106

REPORT NUMBER: 4792194167-RF-1

FCC ID: A5MPB1106

ISSUE DATE: June 5, 2026

Prepared for

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Prepared by

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The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products.

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	June 5, 2026	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 <FCC 47 CFR PART 15 SUBPART C> when <Simple Acceptance> decision rule is applied		

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Lenovo (Beijing) Limited
Address: 201-H2-6, Floor2, Building 2, No. 6 Shangdi West Road, Haidian District, Beijing, China

Manufacturer Information

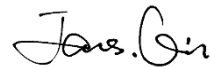
Company Name: FULLINK TECHNOLOGY Co., Ltd
Address: Room 903,9F,Runzhi R&D Center,No.5 Runfang Road, Block 70,Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen

EUT Information

EUT Name: wegear Ultra-Slim Power Bank
Model: PB1106
Brand: wegear
Sample Received Date: May 11, 2026
Sample Status: Normal
Sample ID: 9737205
Date of Tested: May 12, 2026 to June 5, 2026

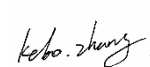
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR PART 15 SUBPART C	PASS

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Project Engineer

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 47 CFR Part 2, KDB 414788 D01 Radiated Test Site v01r01, FCC 47 CFR 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 Declaration 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. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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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	wegear Ultra-Slim Power Bank
Series Model	\
Model difference	\
EUT Classification	Class B
Working Frequency	115-205 KHz, 360KHz
EUT Ratings	Rated Capacity: 5000mAh/3.86V Input: USB-C1: 5V=3A, 9V=2A, 12V=1.5A Output: USB-C1: 5V=3A, 9V=2.22A, 12V=1.67A Wireless: 5W/15W (MPP) USBC1 + Wireless = 5Vdc 1.5A + 5W

5.2. TEST MODE

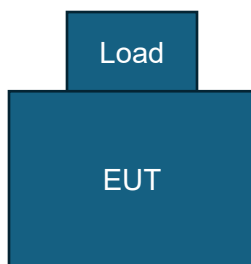
Test Mode	Description
M01	Wireless output: 5 W
M02	Wireless output: 15 W
M03	Standby

5.3. Support Units or Accessories for System Test

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

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
E-1	Adapter	Baseus	CCGAN100CS	100W	UL Support
E-2	Wireless charging load	N/A	N/A	N/A	UL Support

5.4. SETUP DIAGRAM FOR TEST



6. 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. 12, 2025	Sep. 11, 2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101983	Sep. 12, 2025	Sep. 11, 2026
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. 12, 2025	Sep. 11, 2026
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 27, 2024	Jun. 28, 2027
Preamplifier	HP	8447D	2944A09099	Sep. 12, 2025	Sep. 11, 2026
Loop antenna	Schwarzbeck	1519B	00008	Dec.9, 2024	Dec.8, 2027
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Sep. 12, 2025	Sep. 11, 2026
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. 12, 2025	Sep. 11, 2026

7. 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 is coupled 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

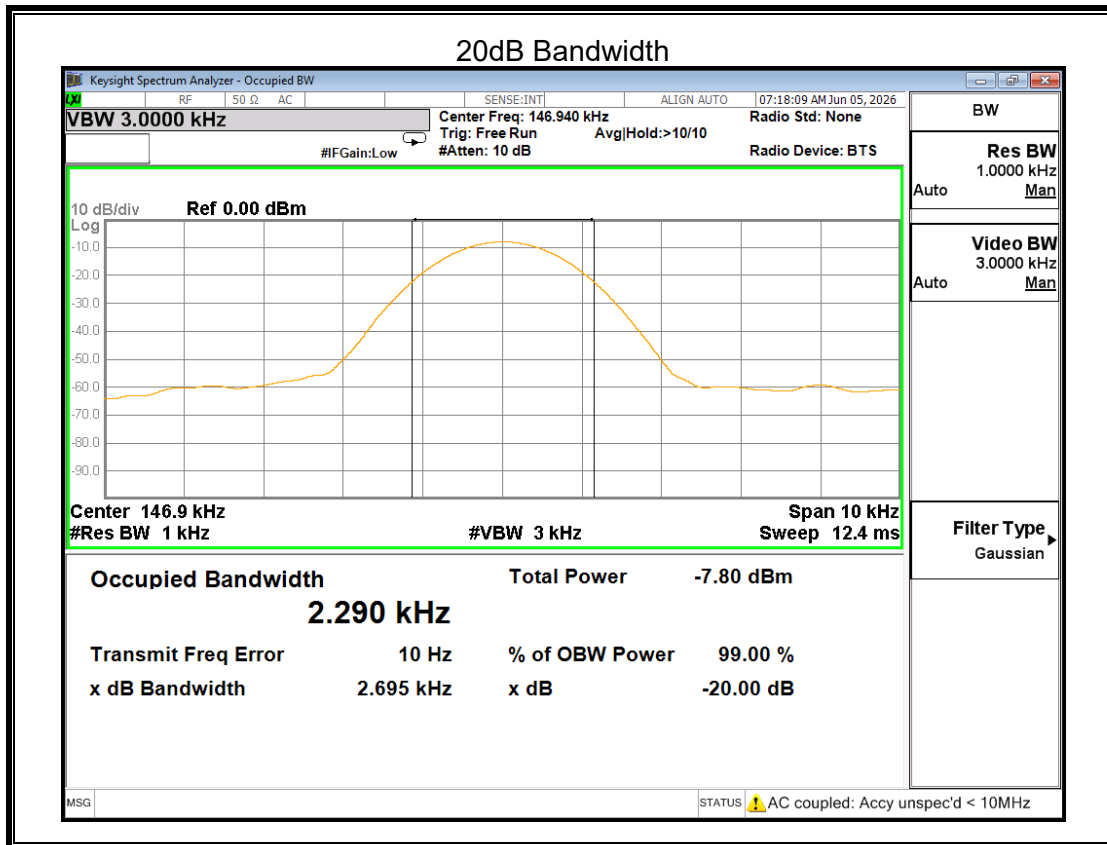


TEST ENVIRONMENT

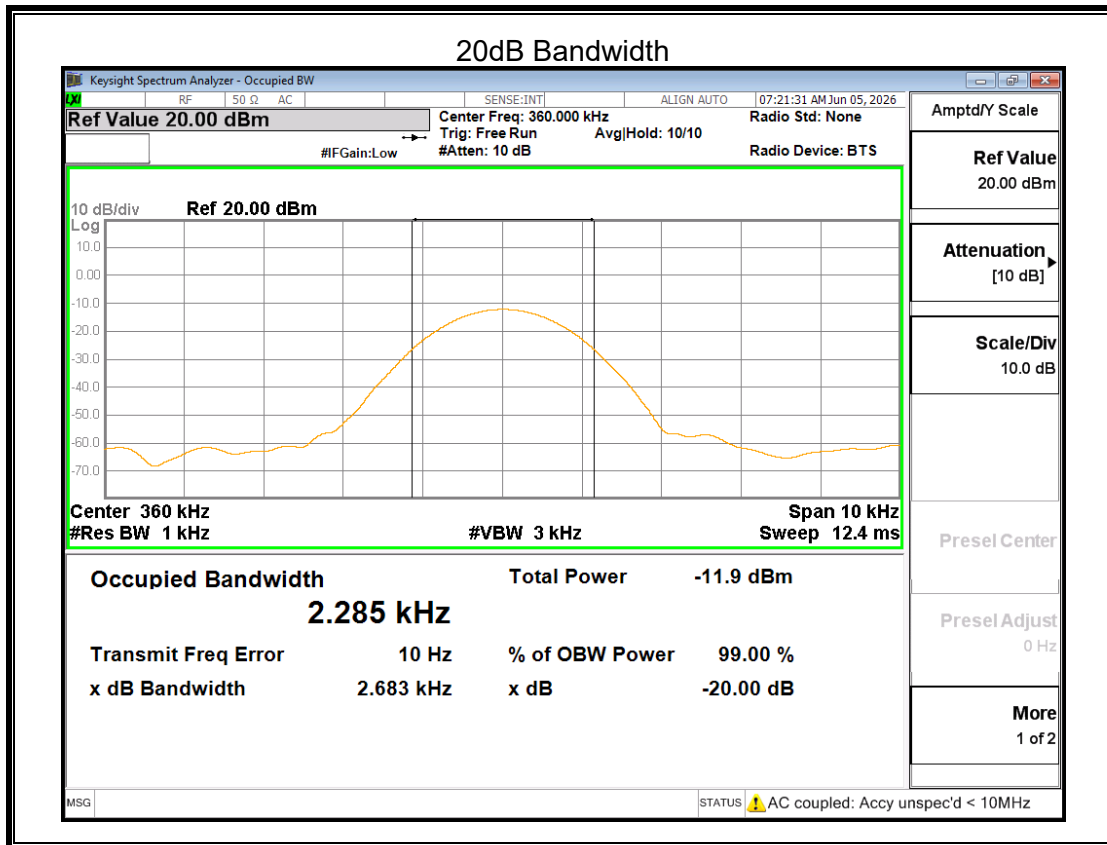
Temperature	24.1 °C	Relative Humidity	68 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

RESULTS

Frequency (kHz)	20dB Bandwidth (kHz)
146.9	2.290



Frequency (kHz)	20dB Bandwidth (kHz)
360	2.683



8. RADIATED EMISSION TEST

LIMITS

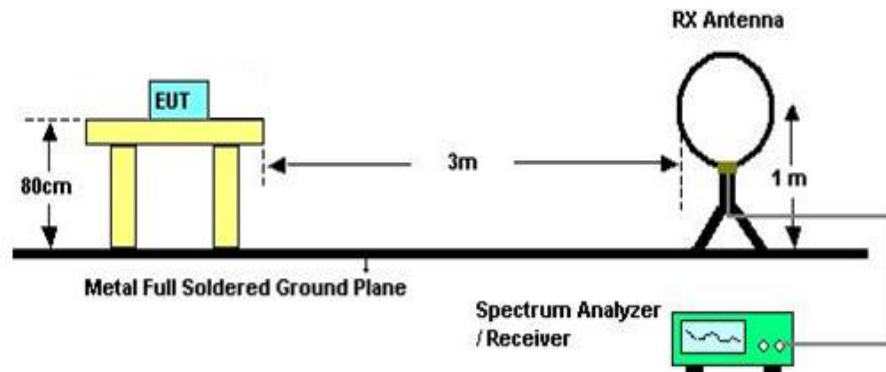
Please refer to FCC 47 CFR §15.205 and §15.209.

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

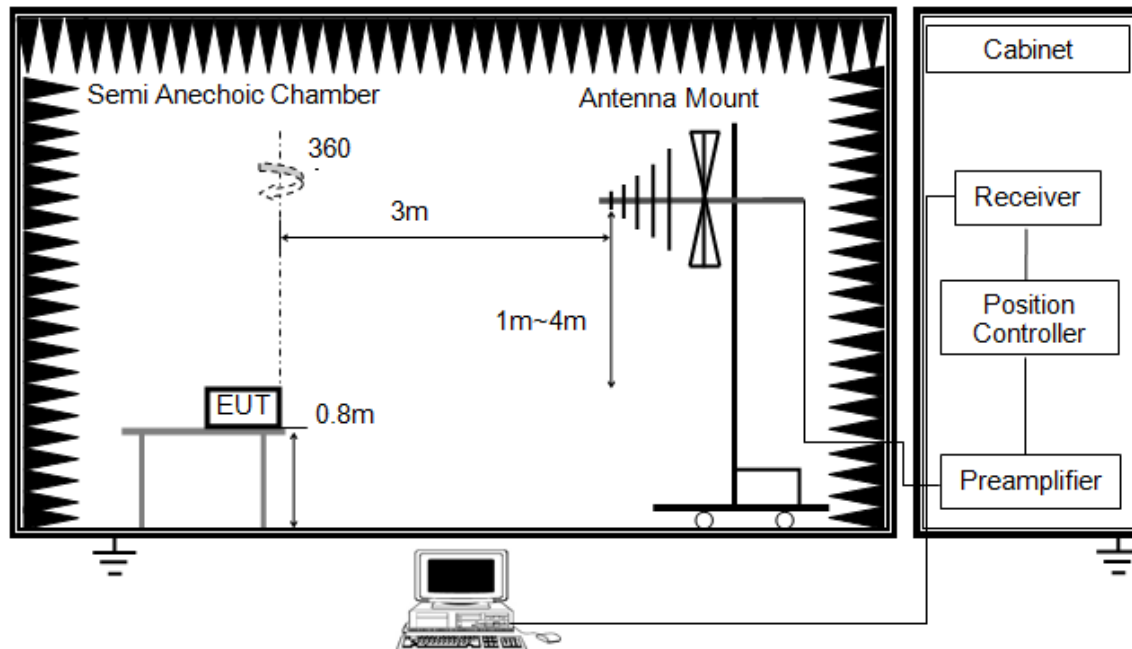


The setting of the spectrum analyser

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	22.9 °C	Relative Humidity	63 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

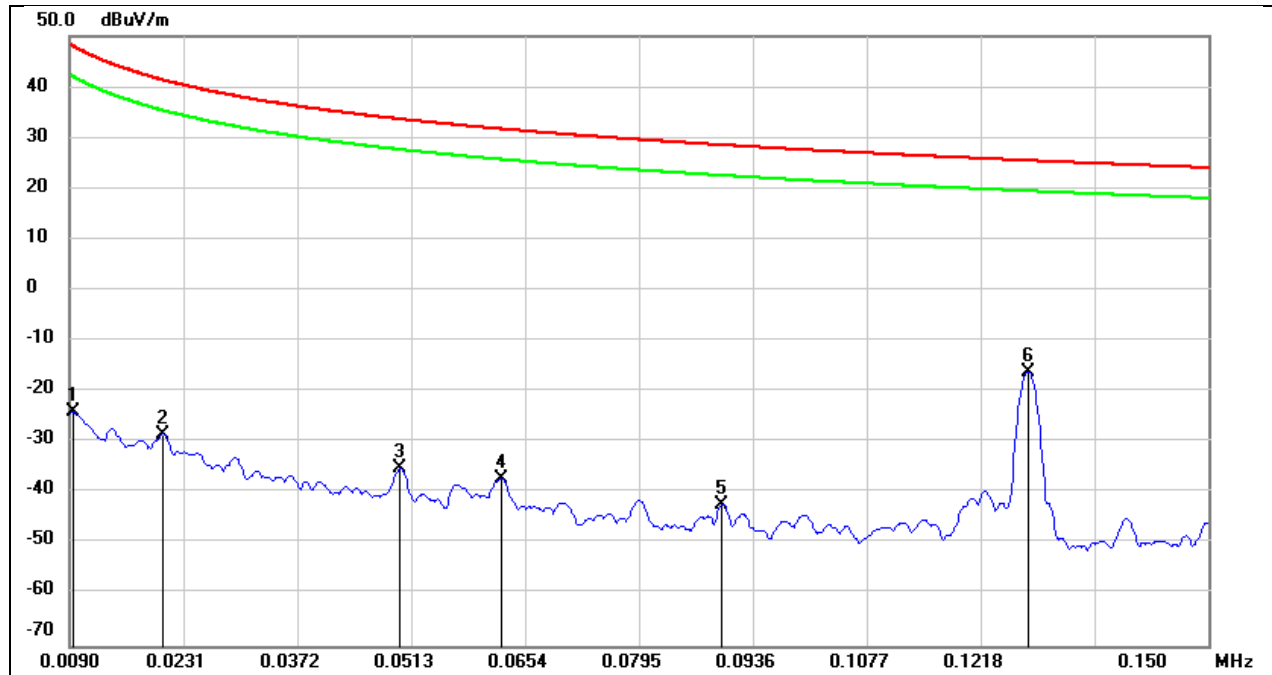
RESULTS

8.1. SPURIOUS EMISSIONS BELOW 30 MHz

8.1.1. Test result of 115-205 kHz

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

9 kHz ~ 150 kHz

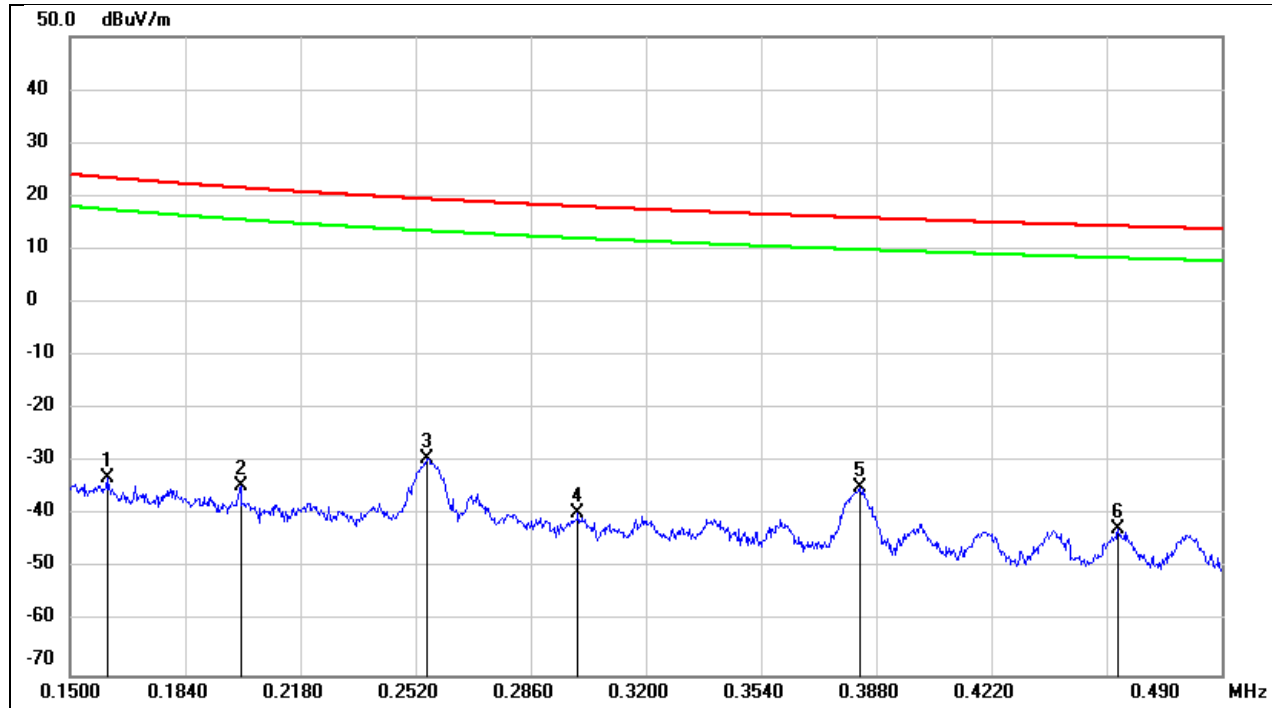


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0094	66.35	-90.33	-23.98	48.09	-72.07	peak
2	0.0206	61.35	-89.65	-28.30	41.32	-69.62	peak
3	0.0499	56.59	-91.70	-35.11	33.64	-68.75	peak
4	0.0624	55.28	-92.38	-37.10	31.70	-68.80	peak
5	0.0898	50.48	-92.74	-42.26	28.54	-70.80	peak
6	0.1276	76.36	-92.52	-16.16	25.49	-41.65	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).
5. All modes are tested, only the worst data reported.

150 kHz ~ 490 kHz

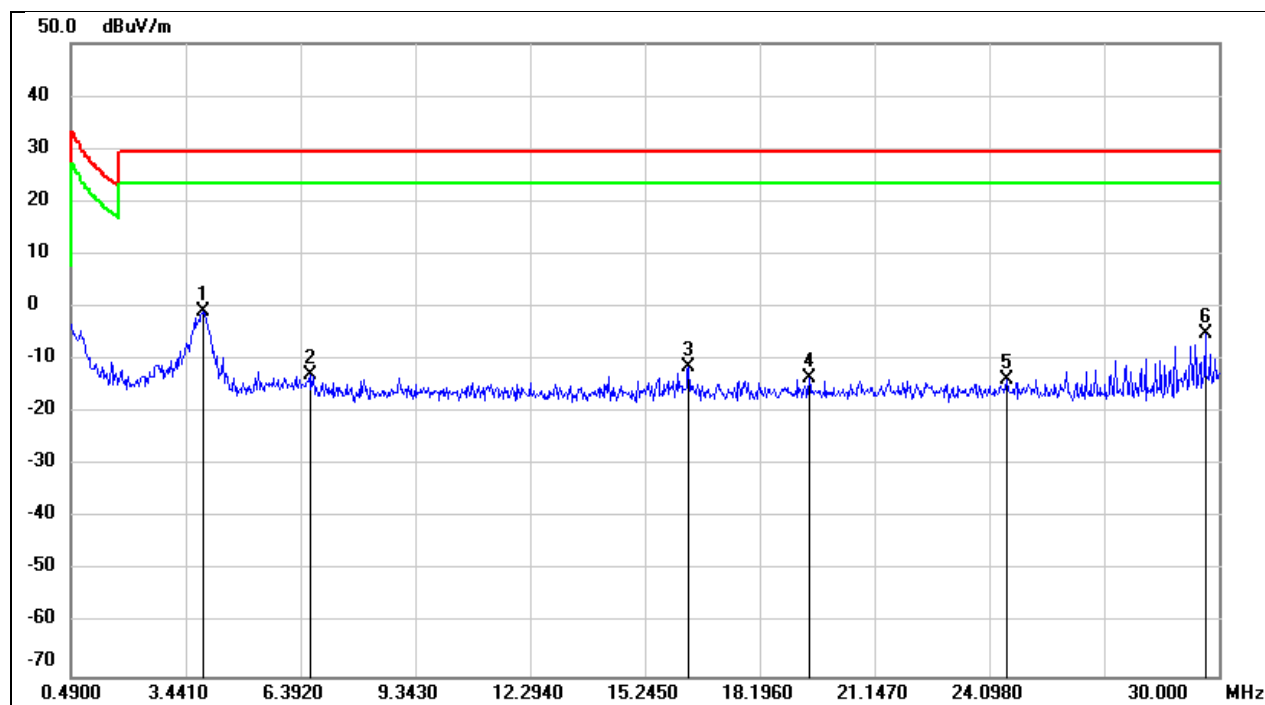


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1609	59.27	-92.30	-33.03	23.47	-56.50	peak
2	0.2003	57.51	-92.05	-34.54	21.57	-56.11	peak
3	0.2553	62.88	-92.30	-29.42	19.46	-48.88	peak
4	0.2999	52.95	-92.50	-39.55	18.06	-57.61	peak
5	0.3832	57.81	-92.69	-34.88	15.93	-50.81	peak
6	0.4594	50.30	-92.86	-42.56	14.36	-56.92	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 modes are tested, only the worst data reported.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3.8836	50.68	-51.57	-0.89	29.54	-30.43	peak
2	6.6281	38.42	-51.24	-12.82	29.54	-42.36	peak
3	16.3664	39.48	-50.91	-11.43	29.54	-40.97	peak
4	19.4649	36.97	-50.47	-13.50	29.54	-43.04	peak
5	24.5406	36.17	-49.82	-13.65	29.54	-43.19	peak
6	29.6459	45.13	-50.28	-5.15	29.54	-34.69	peak

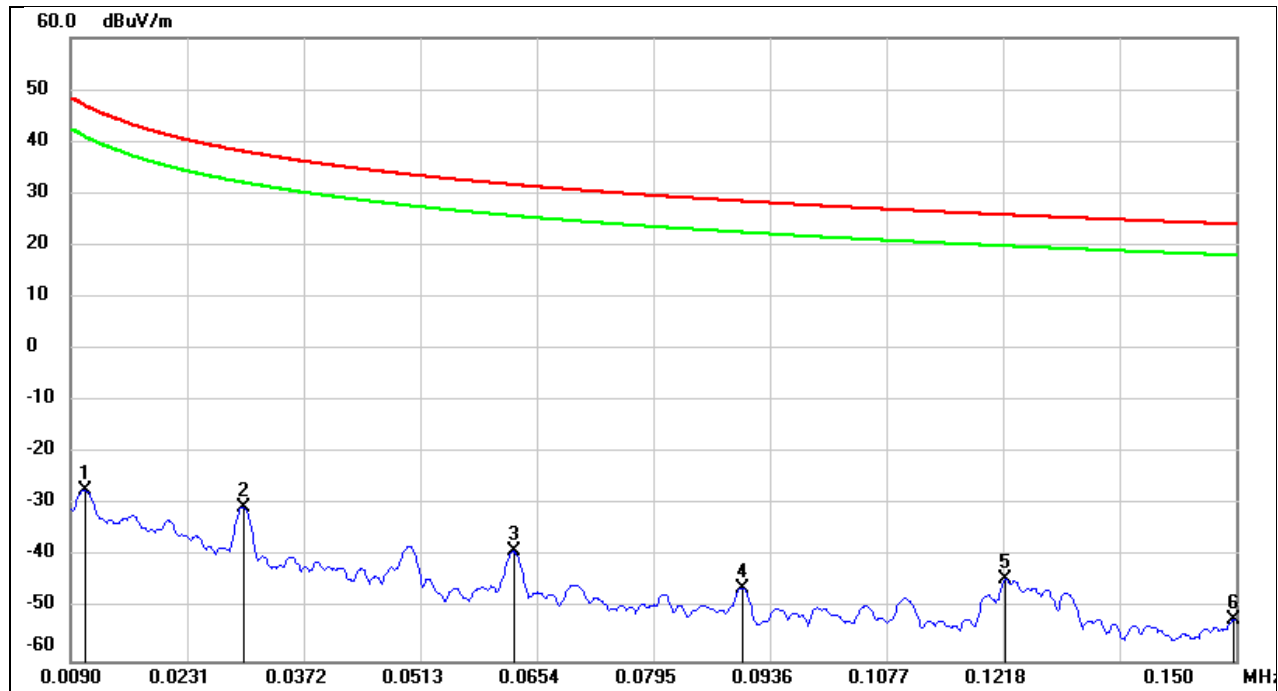
Note:

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 modes are tested, only the worst data reported.

8.1.2. Test result of 360 kHz

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

9 kHz ~ 150 kHz

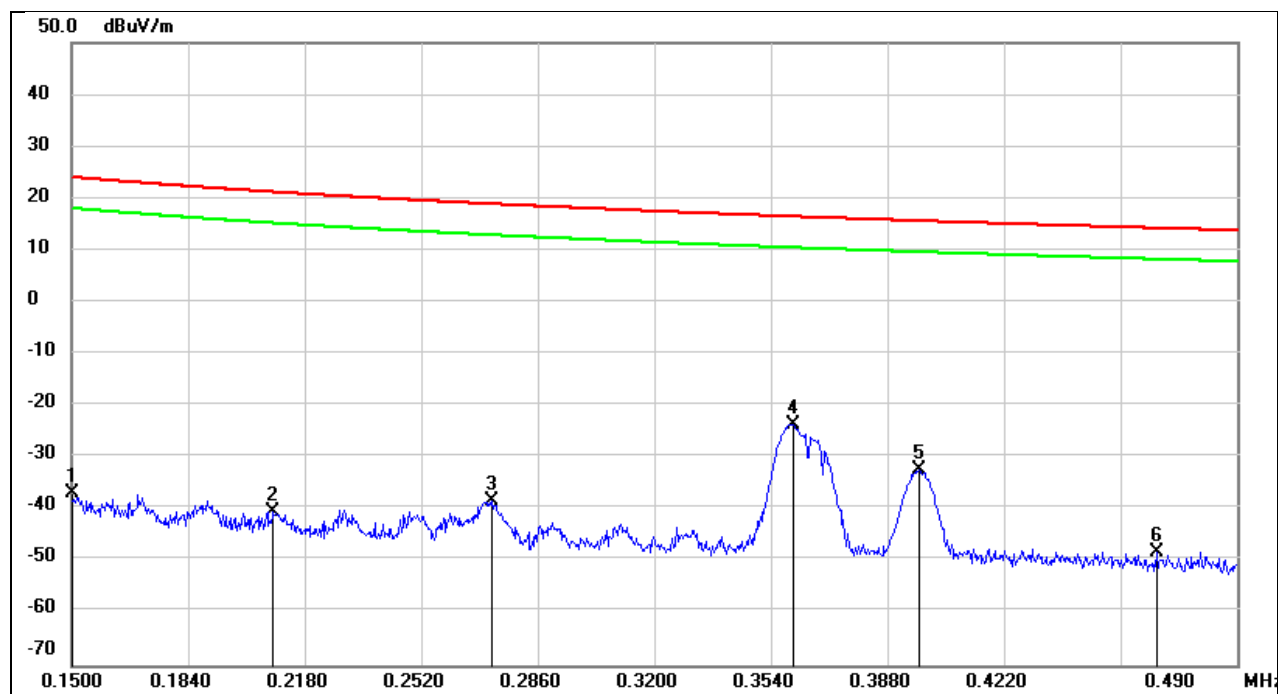


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0106	63.17	-90.32	-27.15	47.09	-74.24	peak
2	0.0299	60.84	-91.20	-30.36	38.09	-68.45	peak
3	0.0626	53.44	-92.40	-38.96	31.67	-70.63	peak
4	0.0902	46.83	-92.74	-45.91	28.50	-74.41	peak
5	0.1221	48.21	-92.56	-44.35	25.87	-70.22	peak
6	0.1497	40.30	-92.37	-52.07	24.10	-76.17	peak

Note:

- Measurement = Reading Level + Correct Factor.
- If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
- 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.
- 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).
- All modes are tested, only the worst data reported.

150 kHz ~ 490 kHz

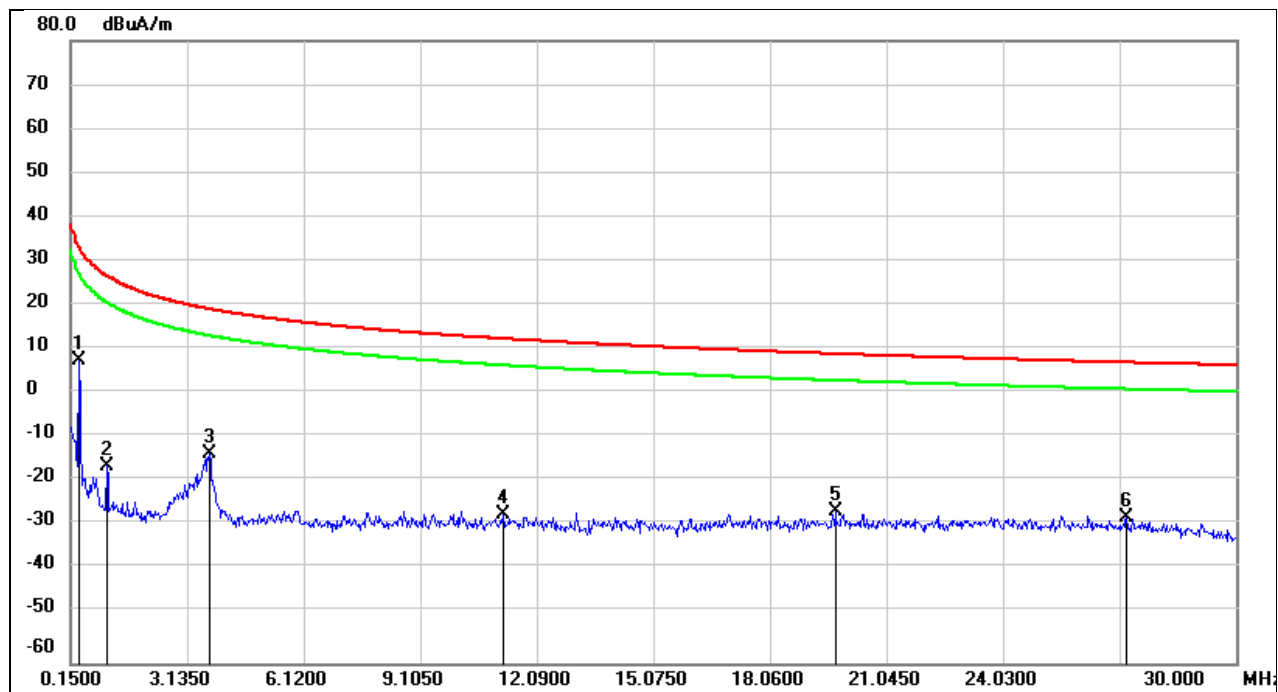


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1500	55.50	-92.37	-36.87	24.08	-60.95	peak
2	0.2088	51.57	-92.09	-40.52	21.21	-61.73	peak
3	0.2727	53.95	-92.38	-38.43	18.89	-57.32	peak
4	0.3605	69.03	-92.64	-23.61	16.46	-40.07	peak
5	0.3972	60.22	-92.71	-32.49	15.62	-48.11	peak
6	0.4665	44.68	-92.87	-48.19	14.23	-62.42	peak

Note:

6. Measurement = Reading Level + Correct Factor.
7. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
8. 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.
9. 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).
10. All modes are tested, only the worst data reported.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuA/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.3589	72.14	-64.13	8.01	33.73	-25.72	peak
2	1.0754	48.09	-63.97	-15.88	27.10	-42.98	peak
3	3.7022	50.16	-63.00	-12.84	19.64	-32.48	peak
4	11.2243	36.39	-63.03	-26.64	12.94	-39.58	peak
5	19.7316	36.35	-62.23	-25.88	9.53	-35.41	peak
6	27.1941	34.64	-61.83	-27.19	7.59	-34.78	peak

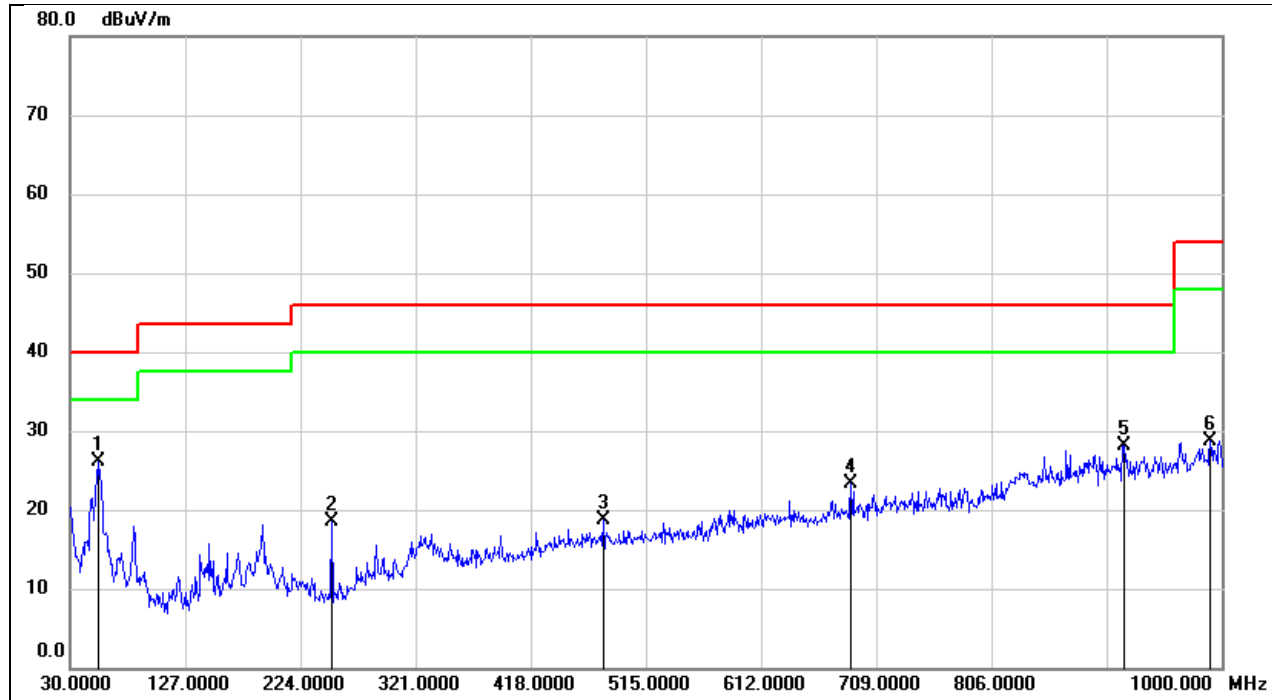
Note:

6. Measurement = Reading Level + Correct Factor.
7. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
8. 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.
9. 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).
10. All modes are tested, only the worst data reported.

8.2. SPURIOUS EMISSIONS 30 MHz ~ 1 GHz

8.2.1. Test result of 115-205 kHz

FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)

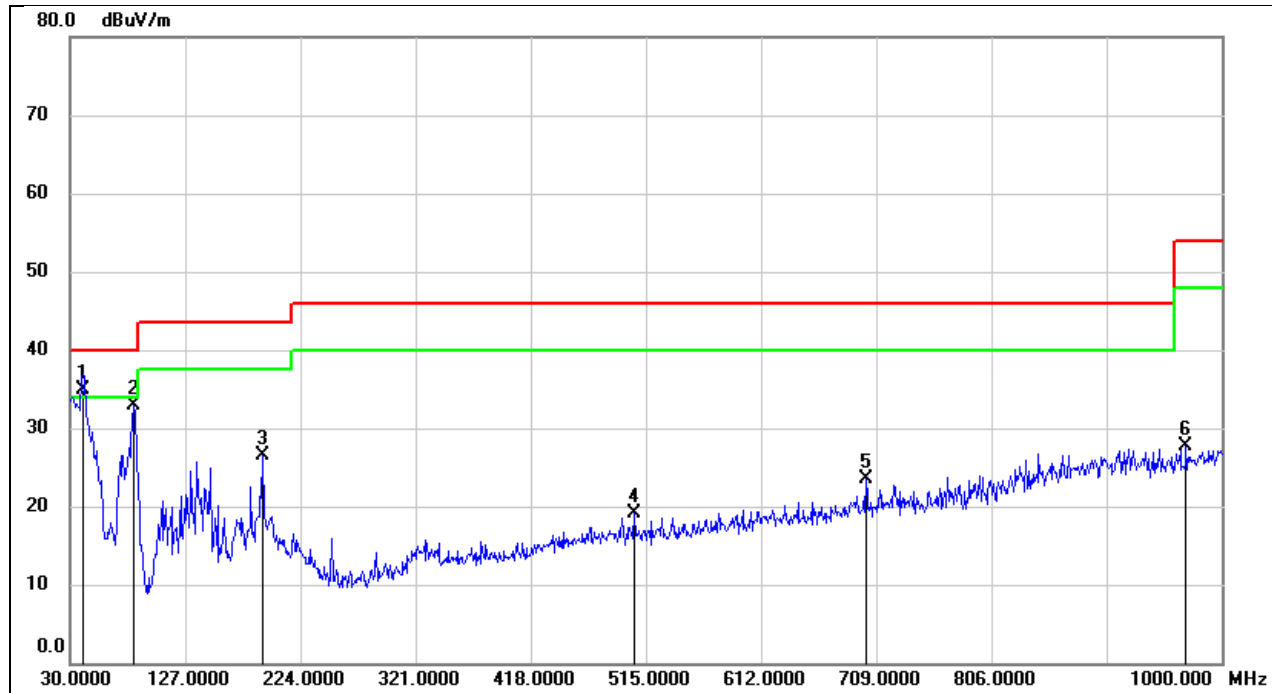


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	53.2800	41.23	-15.22	26.01	40.00	-13.99	peak
2	250.1900	33.17	-14.60	18.57	46.00	-27.43	peak
3	479.1100	26.28	-7.52	18.76	46.00	-27.24	peak
4	687.6599	27.57	-4.36	23.21	46.00	-22.79	peak
5	917.5500	28.61	-0.50	28.11	46.00	-17.89	peak
6	990.3000	28.64	0.13	28.77	54.00	-25.23	peak

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.
5. All modes are tested, only the worst data reported.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)



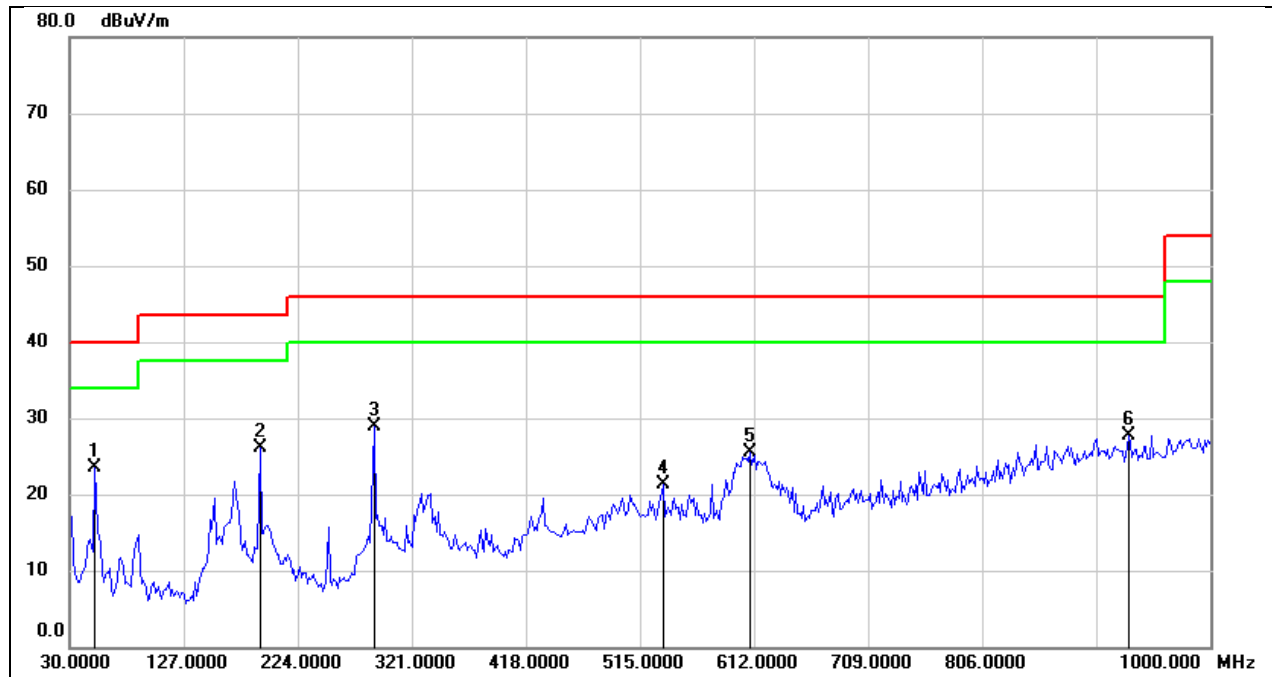
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.6699	49.79	-14.98	34.81	40.00	-5.19	QP
2	83.3500	49.18	-16.33	32.85	40.00	-7.15	peak
3	191.9900	38.73	-12.16	26.57	43.50	-16.93	peak
4	505.3000	26.28	-7.20	19.08	46.00	-26.92	peak
5	700.2700	27.56	-4.06	23.50	46.00	-22.50	peak
6	969.9300	27.91	-0.27	27.64	54.00	-26.36	peak

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.
5. All modes are tested, only the worst data reported.

8.2.2. Test result of 360 kHz

FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)

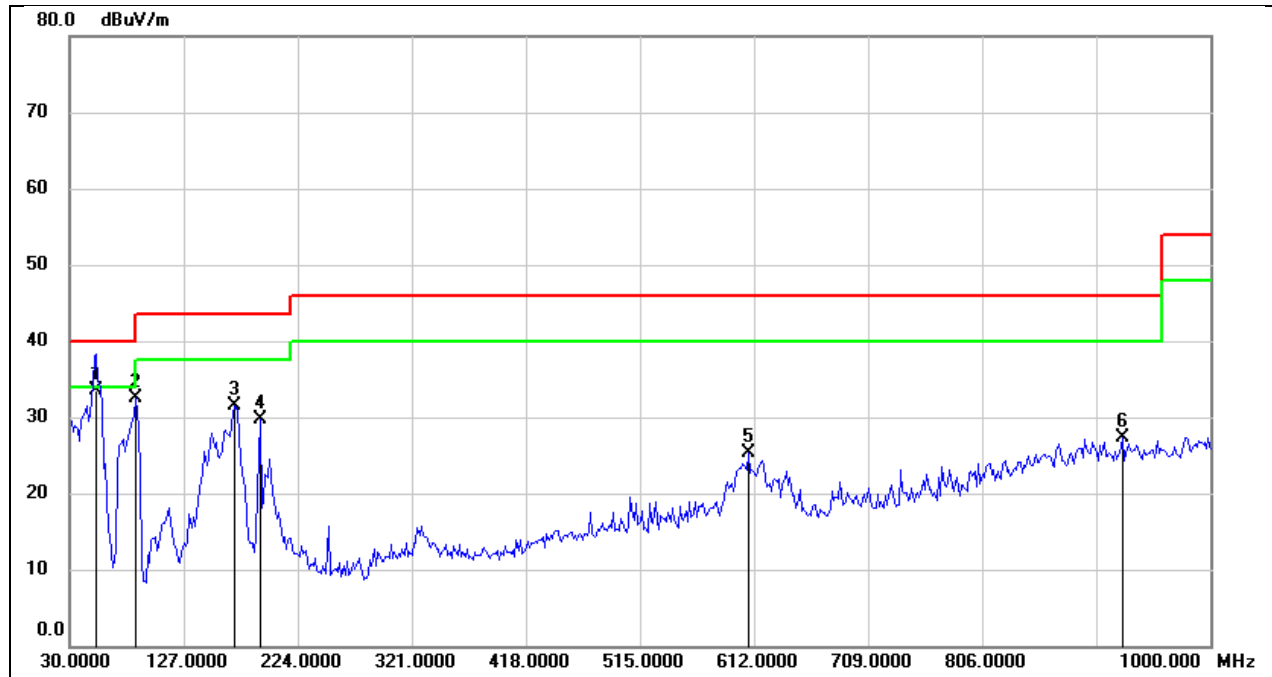


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	51.0167	38.81	-15.27	23.54	40.00	-16.46	peak
2	191.6667	38.21	-12.14	26.07	43.50	-17.43	peak
3	288.6666	40.96	-12.05	28.91	46.00	-17.09	peak
4	534.4000	28.17	-6.85	21.32	46.00	-24.68	peak
5	608.7667	30.91	-5.46	25.45	46.00	-20.55	peak
6	930.4833	28.16	-0.55	27.61	46.00	-18.39	peak

Note:

6. Result Level = Read Level + Correct Factor.
7. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
8. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
9. All the noise are created from the digital circuit. It is not created by wireless charging circuit.
10. All modes are tested, only the worst data reported.

FCC PART15C SPURIOUS EMISSIONS (VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	52.6333	48.64	-15.23	33.41	40.00	-6.59	QP
2	86.5833	49.12	-16.57	32.55	40.00	-7.45	peak
3	170.6500	43.59	-12.14	31.45	43.50	-12.05	peak
4	191.6667	41.80	-12.14	29.66	43.50	-13.84	peak
5	607.1500	30.81	-5.46	25.35	46.00	-20.65	peak
6	925.6333	27.74	-0.53	27.21	46.00	-18.79	peak

Note:

6. Result Level = Read Level + Correct Factor.
7. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
8. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
9. All the noise are created from the digital circuit. It is not created by wireless charging circuit.
10. All modes are tested, only the worst data reported.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to FCC 47 CFR §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

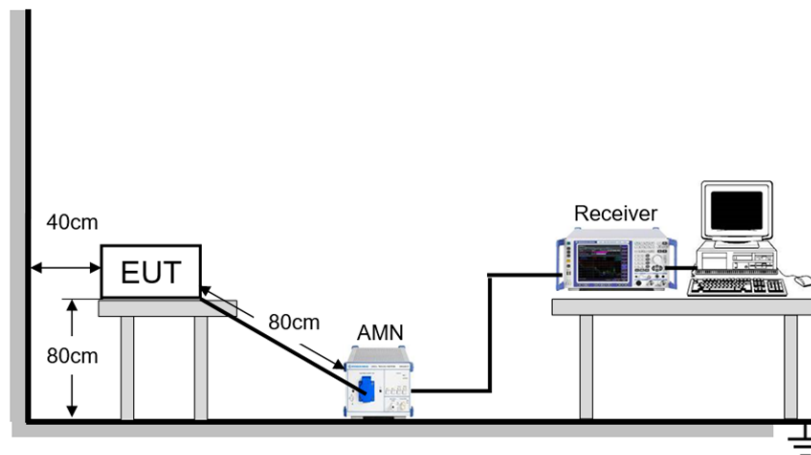
TEST SETUP AND PROCEDURE

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

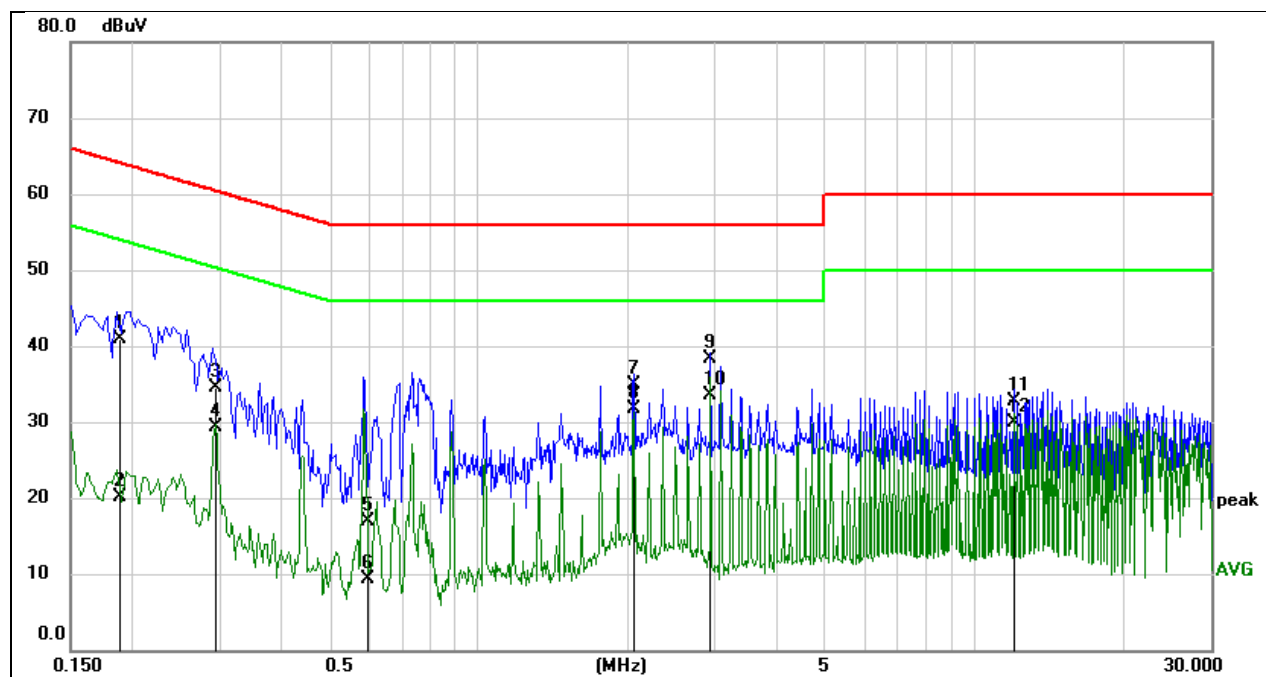


TEST ENVIRONMENT

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

TEST RESULTS 115-205 kHz

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

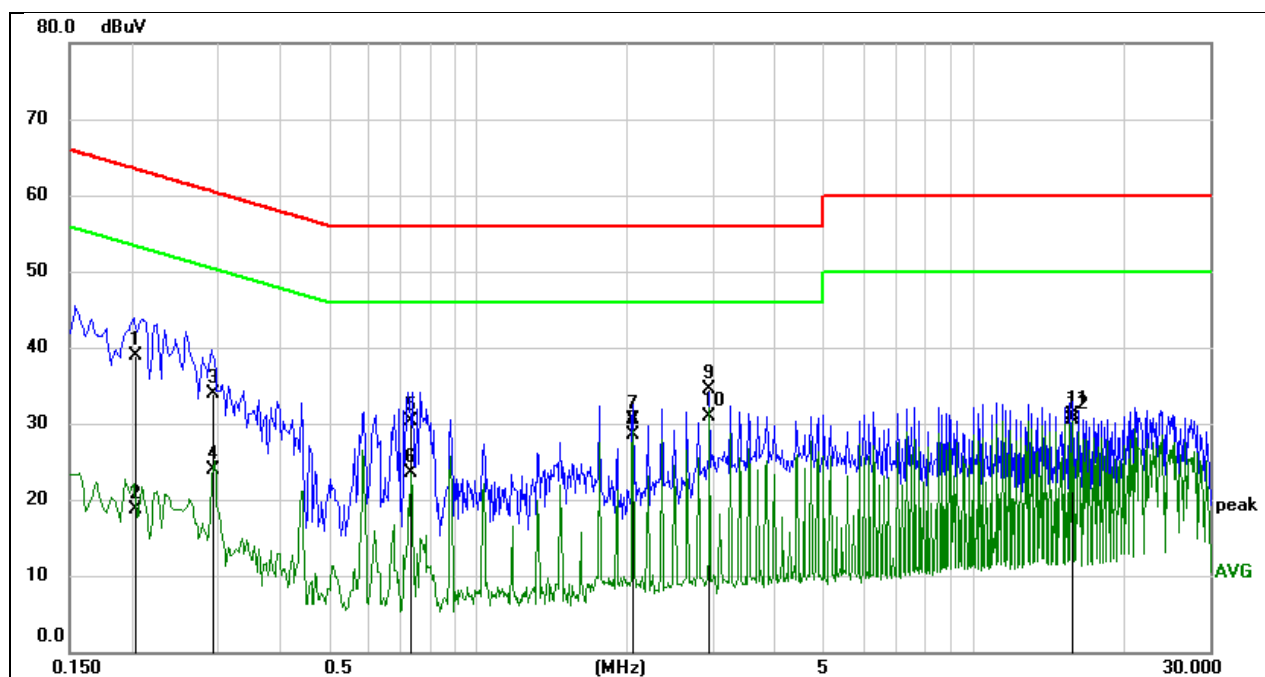


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1895	30.50	10.44	40.94	64.06	-23.12	QP
2	0.1895	9.70	10.44	20.14	54.06	-33.92	AVG
3	0.2949	24.09	10.41	34.50	60.39	-25.89	QP
4	0.2949	18.96	10.41	29.37	50.39	-21.02	AVG
5	0.5976	6.58	10.24	16.82	56.00	-39.18	QP
6	0.5976	-0.89	10.24	9.35	46.00	-36.65	AVG
7	2.0571	24.64	10.34	34.98	56.00	-21.02	QP
8	2.0571	21.43	10.34	31.77	46.00	-14.23	AVG
9	2.9388	27.90	10.38	38.28	56.00	-17.72	QP
10	2.9388	23.18	10.38	33.56	46.00	-12.44	AVG
11	12.0490	22.21	10.49	32.70	60.00	-27.30	QP
12	12.0490	19.50	10.49	29.99	50.00	-20.01	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	0.2045	28.69	10.14	38.83	63.43	-24.60	QP
2	0.2045	8.47	10.14	18.61	53.43	-34.82	AVG
3	0.2925	23.76	10.20	33.96	60.45	-26.49	QP
4	0.2925	13.75	10.20	23.95	50.45	-26.50	AVG
5	0.7347	19.89	10.33	30.22	56.00	-25.78	QP
6	0.7347	13.27	10.33	23.60	46.00	-22.40	AVG
7	2.0571	20.53	10.05	30.58	56.00	-25.42	QP
8	2.0571	18.36	10.05	28.41	46.00	-17.59	AVG
9	2.9388	24.20	10.26	34.46	56.00	-21.54	QP
10	2.9388	20.56	10.26	30.82	46.00	-15.18	AVG
11	15.8694	20.51	10.69	31.20	60.00	-28.80	QP
12	15.8694	19.81	10.69	30.50	50.00	-19.50	AVG

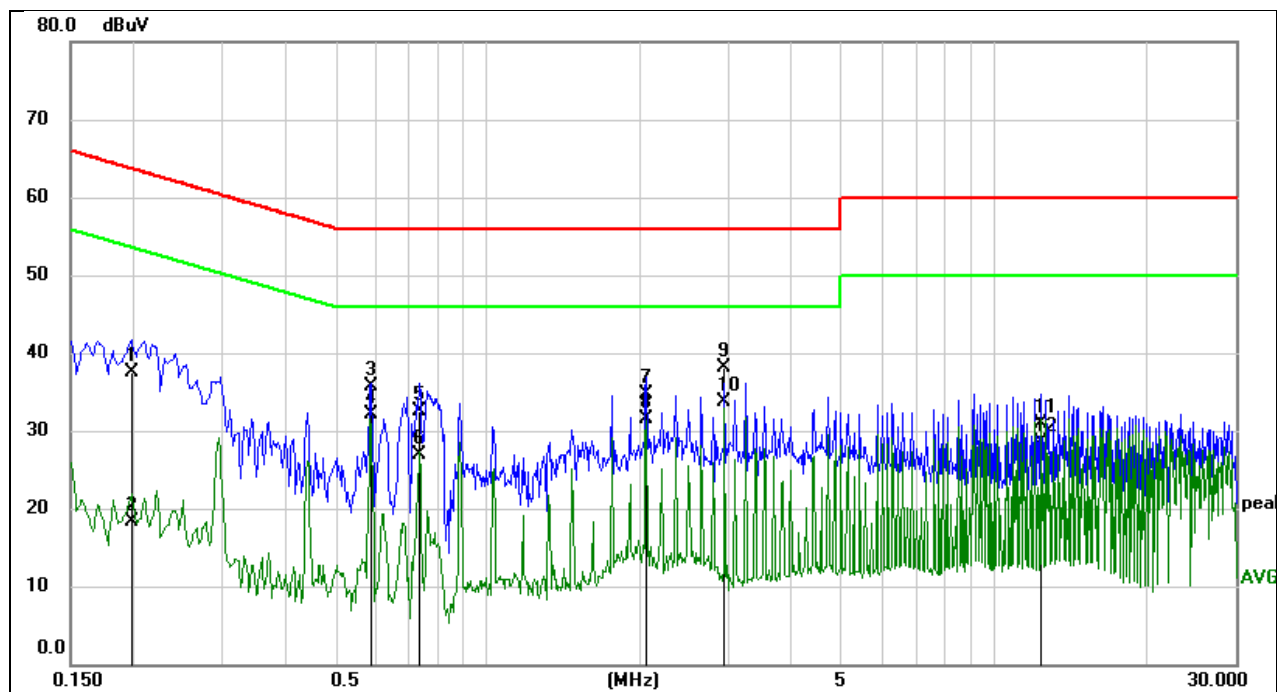
Note:

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 360 kHz

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

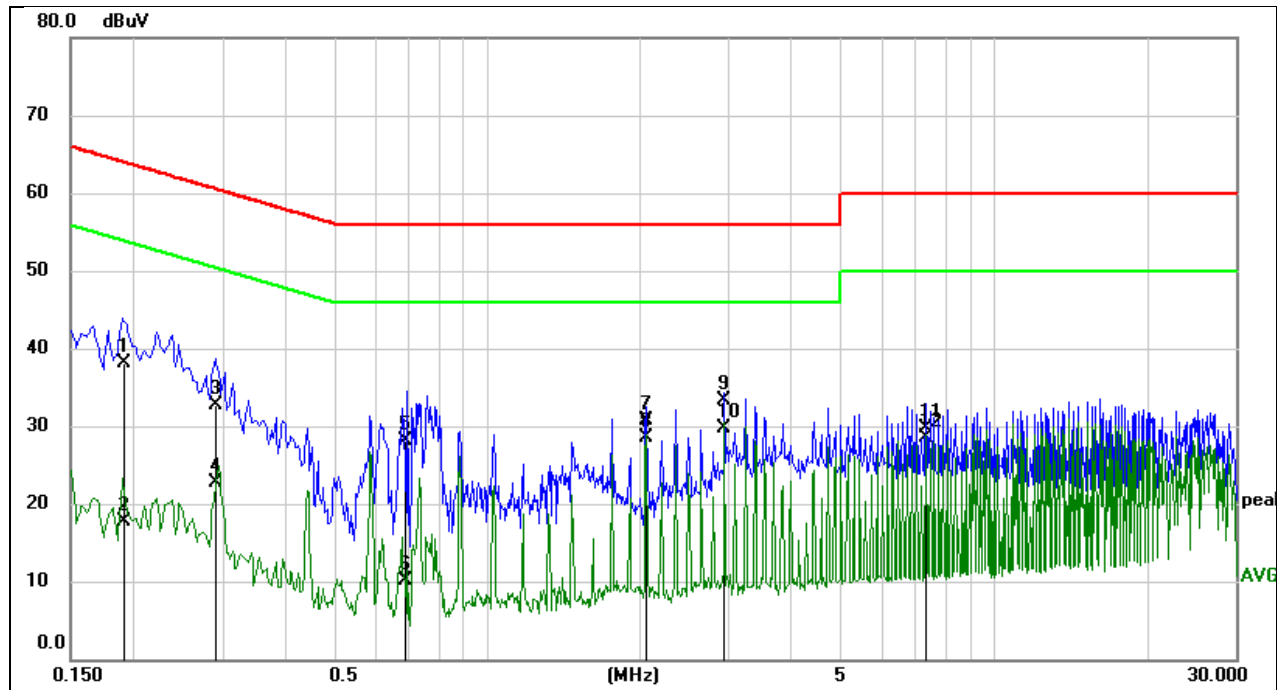


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1983	27.01	10.44	37.45	63.68	-26.23	QP
2	0.1983	7.81	10.44	18.25	53.68	-35.43	AVG
3	0.5878	25.38	10.25	35.63	56.00	-20.37	QP
4	0.5878	21.77	10.25	32.02	46.00	-13.98	AVG
5	0.7352	22.41	10.18	32.59	56.00	-23.41	QP
6	0.7352	16.64	10.18	26.82	46.00	-19.18	AVG
7	2.0571	24.45	10.34	34.79	56.00	-21.21	QP
8	2.0571	21.25	10.34	31.59	46.00	-14.41	AVG
9	2.9388	27.67	10.38	38.05	56.00	-17.95	QP
10	2.9388	23.33	10.38	33.71	46.00	-12.29	AVG
11	12.3428	20.44	10.52	30.96	60.00	-29.04	QP
12	12.3428	17.93	10.52	28.45	50.00	-21.55	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	0.1915	27.98	10.21	38.19	63.97	-25.78	QP
2	0.1915	7.47	10.21	17.68	53.97	-36.29	AVG
3	0.2912	22.49	10.20	32.69	60.49	-27.80	QP
4	0.2912	12.41	10.20	22.61	50.49	-27.88	AVG
5	0.6889	17.73	10.33	28.06	56.00	-27.94	QP
6	0.6889	-0.21	10.33	10.12	46.00	-35.88	AVG
7	2.0571	20.57	10.05	30.62	56.00	-25.38	QP
8	2.0571	18.49	10.05	28.54	46.00	-17.46	AVG
9	2.9388	23.09	10.26	33.35	56.00	-22.65	QP
10	2.9388	19.53	10.26	29.79	46.00	-16.21	AVG
11	7.3469	18.95	10.73	29.68	60.00	-30.32	QP
12	7.3469	17.80	10.73	28.53	50.00	-21.47	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