



RADIO TEST REPORT

Applicant	:	mophie LLC
Address of Applicant	:	6244 Technology Ave. Kalamazoo, MI 49009, UnitedStates of America.
Manufacturer	:	mophie LLC
Address of Manufacturer	:	6244 Technology Ave. Kalamazoo, MI 49009, UnitedStates of America.
Equipment under Test	:	mophie Power Boost Wireless
Model No.	:	PS-Qi2-10K
FCC ID	:	2ACWB-10K26
Test Standard(s)	:	47 CFR Part 15 Subpart C, ANSI C63.10-2020
Report No.	:	DDT-RE26060916-7E01
Issue Date	:	2026/09/16
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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Manufacturer	:	mophie LLC
Address of Manufacturer	:	6244 Technology Ave. Kalamazoo, MI 49009, UnitedStates of America.

Test Standard Used:
47 CFR Part 15 Subpart C,
ANSI C63.10-2020

We Declare:
The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE26060916-7E01		
Date of Receipt:	2026/08/08	Date of Test:	2026/08/08~2026/09/10

Created: Zeng Zhongyao	Reviewed: Zoe Peng	Approved: Damon Hu
		
2026/09/10	2026/09/16	2026/09/16

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2026/09/16	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	20 dB Bandwidth	47 CFR Part 15 15.215	/	Pass
2	Radiated Emission	47 CFR Part 15 15.205, FCC Part 15: 15.209	/	Pass
3	Power Line Conducted Emissions	47 CFR Part 15 15.207(a)	/	Pass
4	Antenna Requirement	47 CFR Part 15 15.203	/	Pass

Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.

2. General Test Information

2.1. Description of EUT

EUT Name	: mophie Power Boost Wireless
Model Number	: PS-Qi2-10K
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: Battery: 3.85V, 10000mAh, 38.5Wh Input (USB-C): 5V=3A, 9V=2A, 18W Max Output: (USB-C): 5V=3A, 9V=2.22A, 12V=1.67A 20W Max Magnetic Wireless Output: MPP 15W Max Total output: 15W Max
Hardware Version	: V1.0
Software Version	: V1.0
Wireless charging operation frequency	: 110.5KHz-205KHz, 360KHz
Antenna Type	: Inductive loop coil antenna

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

“☑” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

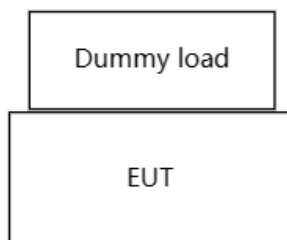
2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
Dummy load	N/A	N/A	N/A
Phone	Apple	Iphone 15pro	N/A

2.3. Block diagram of EUT configuration for test

2.4. Block diagram of EUT configuration for test

For mode 1:



For mode 2:

EUT

2.5. Decision of final test mode

According pre-test, the worst test modes were reported as below:

For mode 1: Tx mode (5W load, 7.5W load, 10W load, Phone)

For mode 2: Standby mode

Note: Scan with mode 1 and mode 2, the worst case is mode 1 Tx mode and recorded in this report

2.6. Deviations of test standard

No deviation.

2.7. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	+15°C to +35 °C
Humidity range:	20% to 75%
Pressure range:	86 kPa to106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.8. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.9. Measurement uncertainty

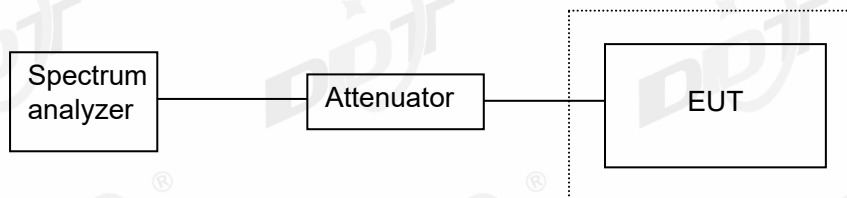
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method) 5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$) 1.66 dB ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V) 4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz) 4.40 dB (6 GHz - 18 GHz) 3.54 dB (18 GHz - 26 GHz) 4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz) 3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3 20 dB Bandwidth

3.1. Test equipment

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒ RF Connected Test (RF Measurement System 1#)				
SIGNAL ANALYZER	R&S	FSQ26	101272	2027/02/27
Wideband Radio Communication Tester	R&S	CMW500	117491	2027/02/27
MXG Vector Signal Generator	KEYSIGHT	N5182B	MY59100192	2027/02/27
MXG Vector Signal Generator	Agilent	N5182A	MY47420658	2027/02/27
RF Control Unit	Tonscend	JS0806-2	158060010	2027/02/27
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2027/02/27
Test Software	Tonscend	JS1120-3	V3.6.21	N/A

3.2. Block diagram of test setup



3.3. Limits

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.217 through 15.257 and in Subpart E of this part, 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.

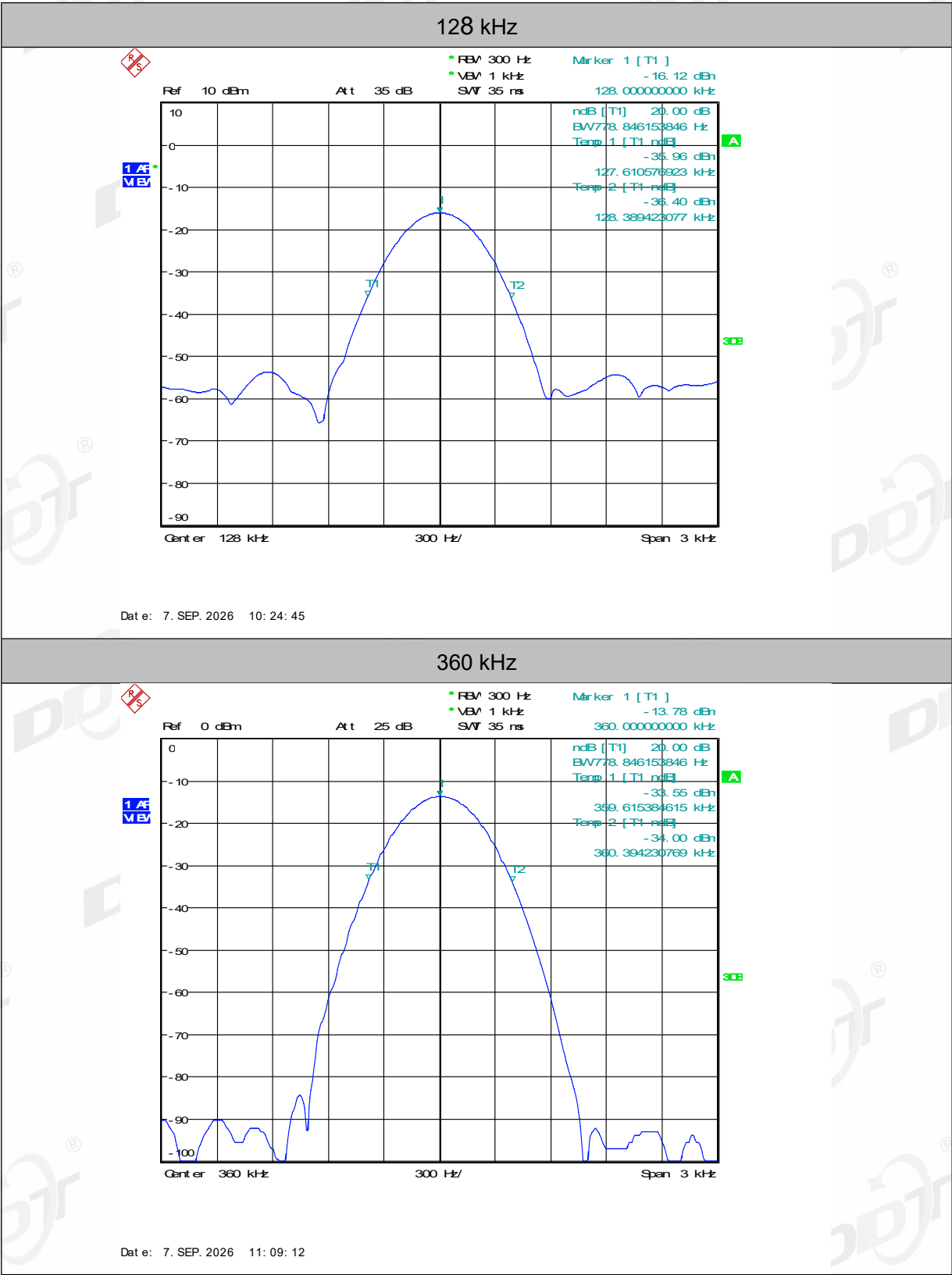
3.4. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) The bandwidth of the fundamental frequency was measured by spectrum analyzer with 300 Hz RBW and 1 kHz VBW. The 20 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20 dB.

3.5. Test result

Freq. (kHz)	20 dB bandwidth Result (kHz)	Conclusion
128.00	0.779	Pass
359.99	0.779	Pass

3.6. Original test data

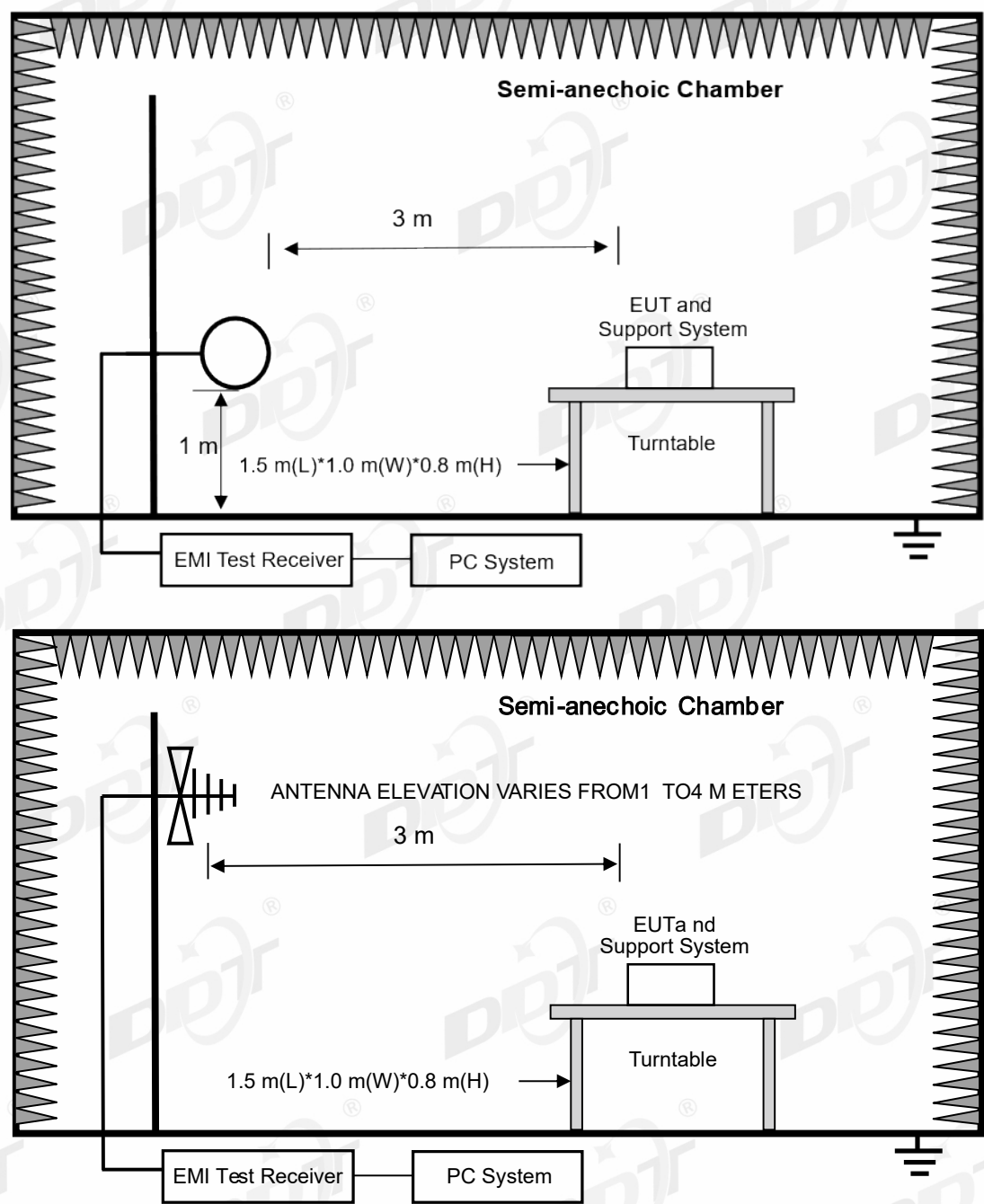


4. Radiated Emission

4.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-10M	DDT-ZC05591	2026/10/10
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-3M	DDT-ZC05590	2026/10/10
RF cable	Zhongke Junchuang	JCTB510-NJW-NJW-0.6M	DDT-ZC04595	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-5M	DDT-ZC03800	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS32-RE (V5.0.0)	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2027/06/25
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2027/07/08
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2027/02/27
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2027/02/27
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2027/02/27
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2027/07/10
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2027/07/10
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2027/07/10
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

4.2. Block diagram of test setup



4.3. Limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dB(uV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~ 88	3	100	40.0
88~ 216	3	150	43.5

216~ 960	3	200	46.0
960~ 1000	3	500	54.0

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dBuV/m}) = \text{Limit}_{300\text{m}}(\text{dBuV/m}) + 40\text{Log}(300\text{m}/3\text{m}) = \text{Limit}_{300\text{m}}(\text{dBuV/m}) + 80$$

$$\text{Limit}_{3\text{m}}(\text{dBuV/m}) = \text{Limit}_{30\text{m}}(\text{dBuV/m}) + 40\text{Log}(30\text{m}/3\text{m}) = \text{Limit}_{30\text{m}}(\text{dBuV/m}) + 40$$

4.4. Assistant equipment used for test

Accessories	Manufacturer	Model number	Description
Dummy load	N/A	N/A	N/A
Phone	Apple	Iphone 15pro	N/A

4.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m

According ANSI C63.10-2020 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10-2020 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10-2020 clause 4.1.5.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

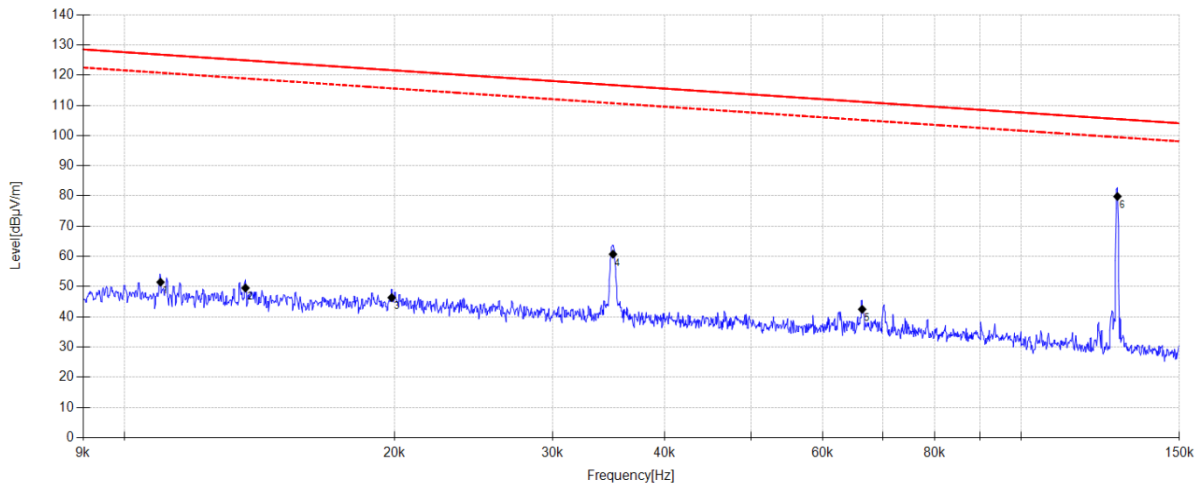
4.6. Test result

PASS. (See below detailed test result)

4.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-08-14 **Tested By:** Zhang Yibo
Test Mode: TX WPT Mode **Power Supply:** Battery
Condition: Temp:20.0°C;Humi:46.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060916-7E\FCC BELOW 1G WPT\20260814-234457_V
Memo: Sample Number:S26060916-004, 110.5kHz-205kHz

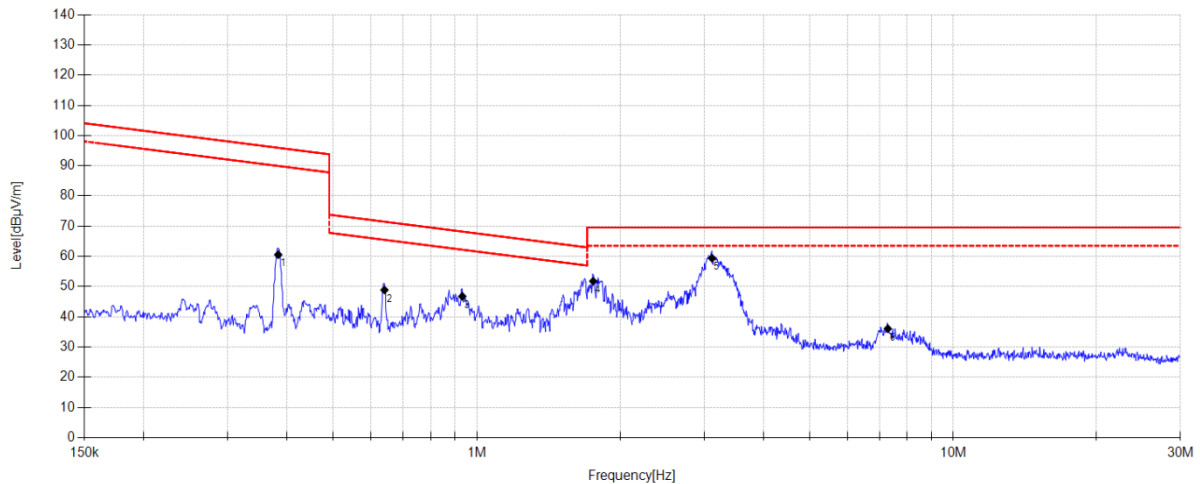


Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.011	60.67	20.21	3.06	51.44	126.77	75.33	QP	Coaxial
2	0.014	58.71	20.22	3.09	49.52	124.93	75.41	QP	Coaxial
3	0.020	55.44	20.25	3.16	46.34	121.62	75.28	QP	Coaxial
4	0.035	69.71	20.27	3.25	60.70	116.69	55.99	QP	Coaxial
5	0.066	51.43	20.12	3.48	42.47	111.14	68.67	QP	Coaxial
6	0.128	88.35	20.40	3.67	79.82	105.46	25.64	QP	Coaxial

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
- Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-08-14**Tested By:** Zhang Yibo**Test Mode:** TX WPT Mode**Power Supply:** Battery**Condition:** Temp:20.0°C;Humi:46.4%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26060916-7E\FCC BELOW 1G WPT\20260814-234650_V**Memo:** Sample Number:S26060916-004, 110.5kHz-205kHz

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.383	69.16	20.23	3.76	60.55	95.94	35.39	QP	Coaxial
2	0.640	57.48	20.23	3.76	48.87	71.48	22.61	QP	Coaxial
3	0.932	55.33	20.29	3.75	46.77	68.21	21.44	QP	Coaxial
4	1.755	60.38	20.22	3.75	51.78	69.54	17.76	QP	Coaxial
5	3.118	68.09	20.11	3.73	59.40	69.54	10.14	QP	Coaxial
6	7.295	44.85	19.90	3.69	36.05	69.54	33.49	QP	Coaxial

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
4. Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-08-14

Tested By:

Zhang Yibo

Test Mode:

TX WPT Mode

Power Supply:

Battery

Condition:

Temp:20.0°C;Humi:46.4%

Test Site:

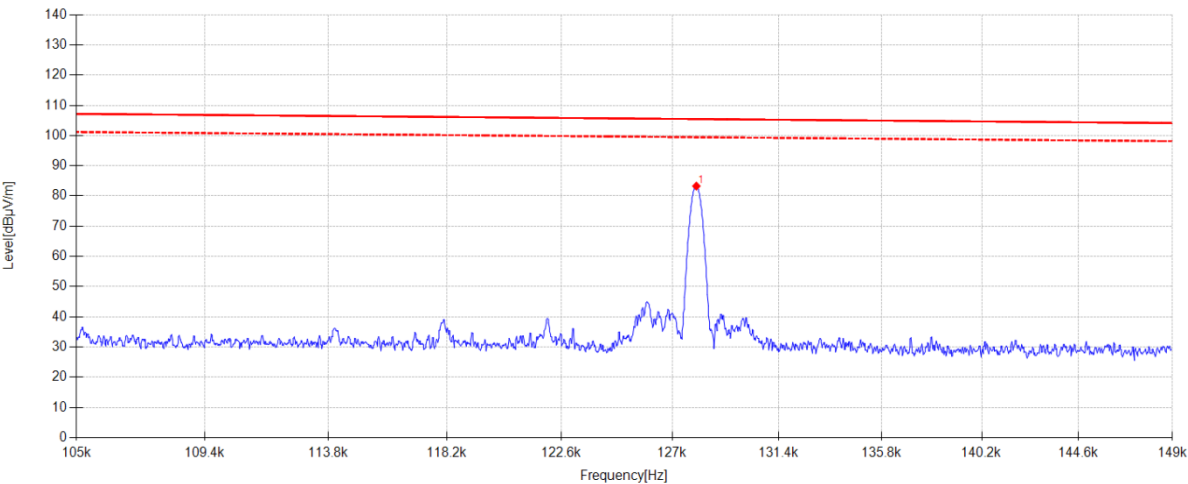
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26060916-7E\FCC BELOW 1G WPT\20260814-234844_V

Memo:

Sample Number:S26060916-004, 110.5kHz-205kHz



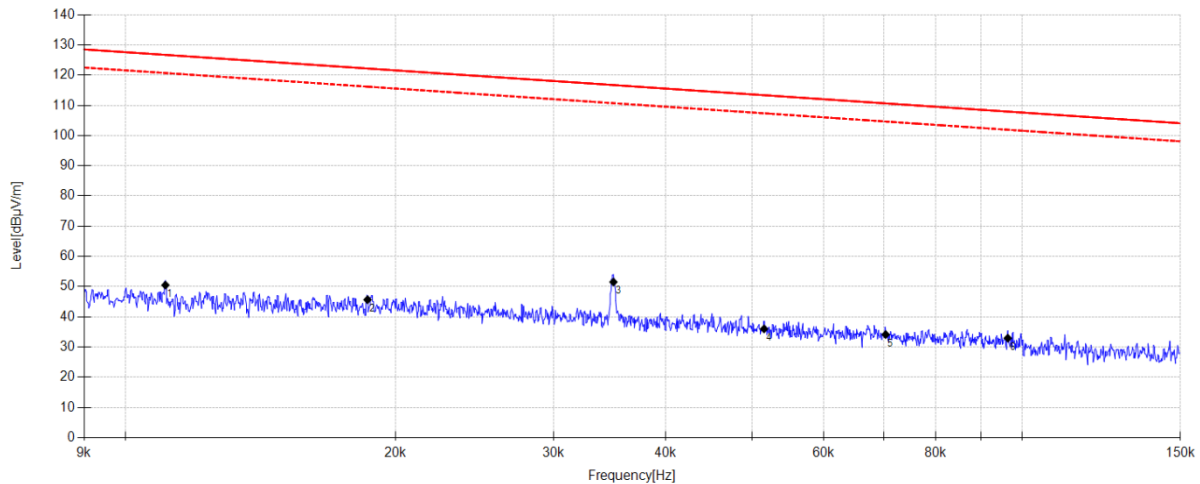
Data List										
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.128	91.79	20.40	3.67	-32.60	83.26	105.46	22.20	PK	Coaxial

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
- Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-09-12
Tested By: Zhang Yibo
Test Mode: TX 360KHz Mode
Power Supply: Battery
Condition: Temp:19.2°C;Humi:43.7%
Test Site: DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060916-7E\0911 FCC BELOW 1G WPT20260912-032958_V
Memo: Sample Number:S26060916-004

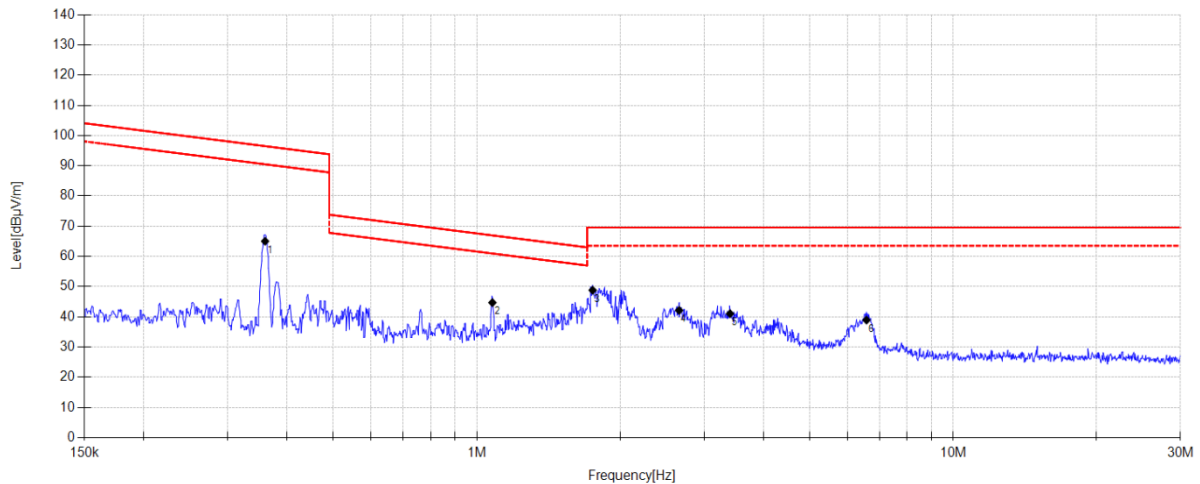


Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.011	59.71	20.21	3.06	50.48	126.69	76.21	QP	Coaxial
2	0.019	54.77	20.25	3.14	45.65	122.21	76.56	QP	Coaxial
3	0.035	60.51	20.27	3.25	51.50	116.72	65.22	QP	Coaxial
4	0.052	44.98	20.19	3.36	35.98	113.36	77.38	QP	Coaxial
5	0.070	43.09	20.10	3.50	34.12	110.65	76.53	QP	Coaxial
6	0.096	41.58	20.33	3.61	32.92	107.93	75.01	QP	Coaxial

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
4. Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-09-12**Tested By:** Zhang Yibo**Test Mode:** TX 360KHz Mode**Power Supply:** Battery**Condition:** Temp:19.2°C;Humi:43.7%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26060916-7E\0911 FCC BELOW 1G WPT20260912-033100_V**Memo:** Sample Number:S26060916-004

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.359	73.61	20.24	3.76	65.01	96.49	31.48	QP	Coaxial
2	1.078	53.25	20.29	3.75	44.69	66.95	22.26	QP	Coaxial
3	1.751	57.4	20.22	3.75	48.80	69.54	20.74	QP	Coaxial
4	2.660	50.79	20.13	3.74	42.12	69.54	27.42	QP	Coaxial
5	3.403	49.67	20.14	3.73	41.02	69.54	28.52	QP	Coaxial
6	6.580	47.64	19.98	3.70	38.91	69.54	30.63	QP	Coaxial

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
4. Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-09-12

Tested By:

Zhang Yibo

Test Mode:

TX 360KHz Mode

Power Supply:

Battery

Condition:

Temp:19.2°C;Humi:43.7%

Test Site:

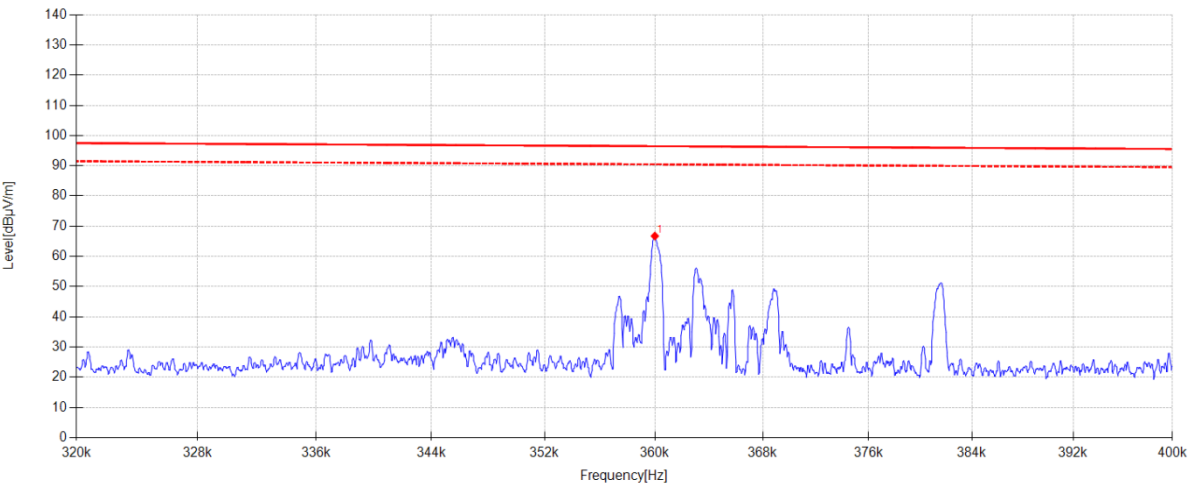
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26060916-7E\0911 FCC BELOW 1G WPT\20260912-033208_V

Memo:

Sample Number:S26060916-004



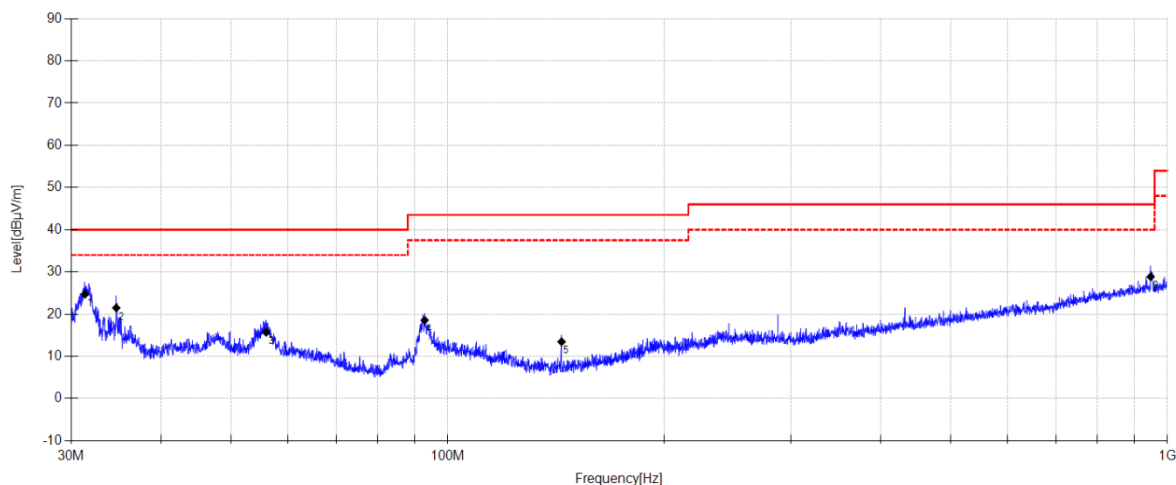
Data List										
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.360	75.33	20.24	3.76	-32.60	66.73	96.48	29.75	PK	Coaxial

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: 9kHz-150kHz RBW: 300Hz, VBW: 1 kHz, Sweep time: auto.
150kHz-30MHz RBW: 10kHz, VBW: 30kHz, Sweep time: auto.
- Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-08-14 **Tested By:** Zhang Yibo
Test Mode: TX WPT Mode **Power Supply:** Battery
Condition: Temp:20.0°C;Humi:46.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060916-7E\FCC BELOW 1G WPT\1
Memo: Sample Number:S26060916-004

**Final Data List**

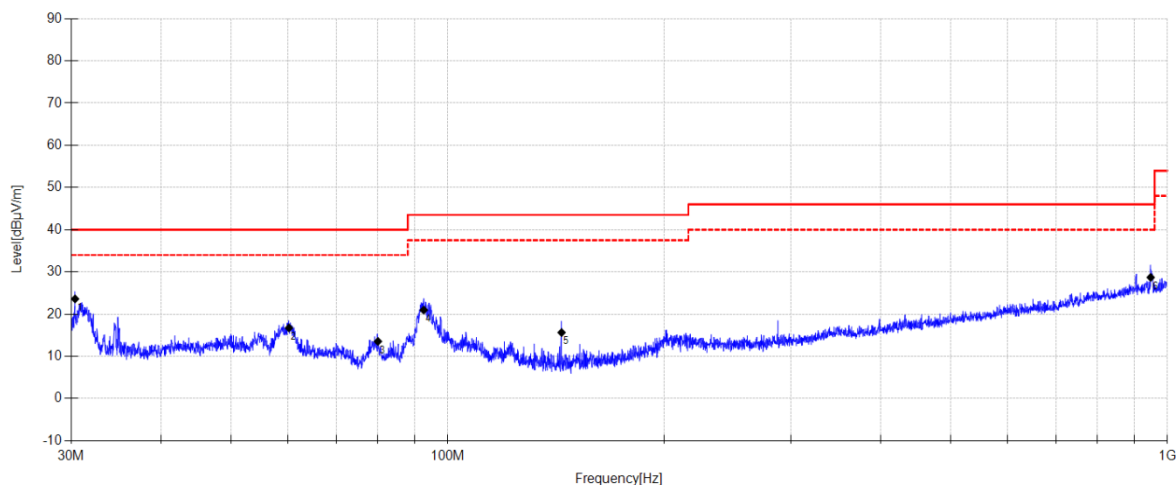
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.333	42.64	10.57	3.80	24.71	40.00	15.29	QP	Horizontal
2	34.638	38.94	11.00	3.84	21.48	40.00	18.52	QP	Horizontal
3	55.954	31.07	12.91	4.03	15.71	40.00	24.29	QP	Horizontal
4	92.896	36.29	10.31	4.26	18.56	43.50	24.94	QP	Horizontal
5	143.986	33.54	7.70	4.56	13.46	43.50	30.04	QP	Horizontal
6	948.106	31.23	22.02	7.23	28.87	46.00	17.13	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-08-14 **Tested By:** Zhang Yibo
Test Mode: TX WPT Mode **Power Supply:** Battery
Condition: Temp:20.0°C;Humi:46.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060916-7E\FCC BELOW 1G WPT\2
Memo: Sample Number:S26060916-004

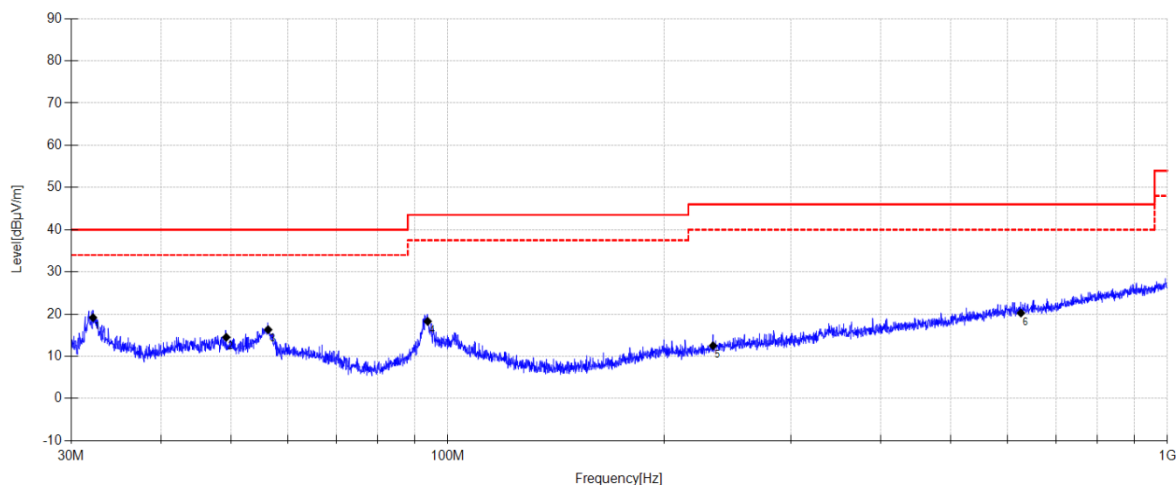
**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.360	41.36	10.76	3.79	23.61	40.00	16.39	QP	Vertical
2	60.187	32.82	12.16	4.06	16.74	40.00	23.26	QP	Vertical
3	80.009	34.05	7.60	4.19	13.54	40.00	26.46	QP	Vertical
4	92.636	38.68	10.34	4.26	20.98	43.50	22.52	QP	Vertical
5	143.986	35.72	7.70	4.56	15.64	43.50	27.86	QP	Vertical
6	948.106	31.06	22.02	7.23	28.70	46.00	17.30	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-09-11**Tested By:** Zhang Yibo**Test Mode:** TX 360KHz Mode**Power Supply:** Battery**Condition:** Temp:19.2°C;Humi:43.7%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26060916-7E\0911 FCC BELOW 1G WPT1**Memo:** Sample Number:S26060916-004

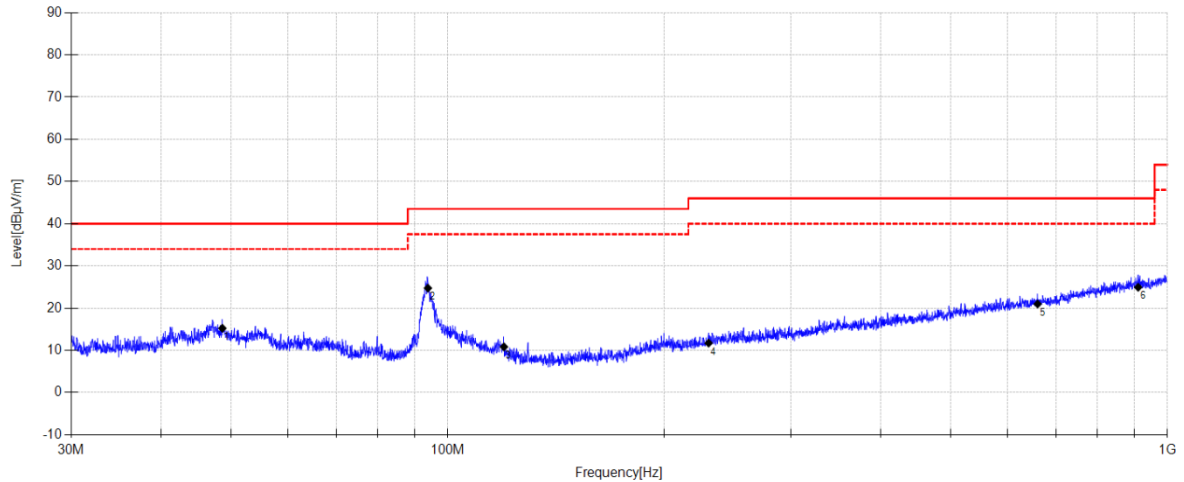
Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.156	36.97	10.70	3.81	19.18	40.00	20.82	QP	Horizontal
2	49.251	29.07	13.77	3.98	14.52	40.00	25.48	QP	Horizontal
3	56.309	31.72	12.87	4.03	16.32	40.00	23.68	QP	Horizontal
4	93.813	35.69	10.63	4.27	18.29	43.50	25.21	QP	Horizontal
5	233.744	27.99	11.92	5.01	12.52	46.00	33.48	QP	Horizontal
6	626.014	27.72	19.00	6.46	20.26	46.00	25.74	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-09-11**Tested By:** Zhang Yibo**Test Mode:** TX 360KHz Mode**Power Supply:** Battery**Condition:** Temp:19.2°C;Humi:43.7%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26060916-7E\0911 FCC BELOW 1G WPT\2**Memo:** Sample Number:S26060916-004**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	48.633	29.72	13.84	3.97	15.23	40.00	24.77	QP	Vertical
2	93.879	42.12	10.65	4.27	24.74	43.50	18.76	QP	Vertical
3	119.738	28.96	9.78	4.41	10.83	43.50	32.67	QP	Vertical
4	230.489	27.39	11.73	5.00	11.72	46.00	34.28	QP	Vertical
5	660.279	28.14	19.30	6.54	20.98	46.00	25.02	QP	Vertical
6	910.960	27.63	22.00	7.14	24.94	46.00	21.06	QP	Vertical

Note:

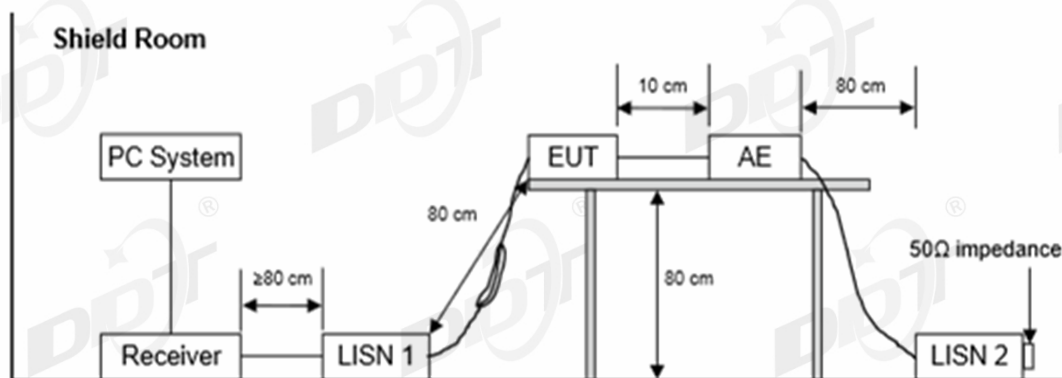
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

5. Power Line Conducted Emissions

5.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2027/06/10
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2027/06/14
Pulse Limiter	SCHWARZBECK	ESH3-Z2	DDT-ZC00539	2027/06/10
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2027/06/21
Conducted & Radiated Software	Audix	e3	DDT-ZC00562	/
Two-line V-shaped artificial network	ROHDE&SCHWARZ	ENV216	DDT-ZC05693	2026/11/04
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2027/06/09

5.2. Block diagram of test setup



5.3. Limits

Frequency	Quasi-Peak Level dB(mV)	Average Level dB(mV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

5.4. Assistant equipment used for test

Accessories	Manufacturer	Model number	Description
Dummy load	N/A	N/A	N/A
Phone	Apple	Iphone 15pro	N/A

5.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

5.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "----" means Peak detection; "----" means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

5.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26060916-7E\0815 CE\0815
CE.EM6

Test Date : 2026-08-15

Tested By : Zhang Yibo

Power Supply : AC 120V/60Hz

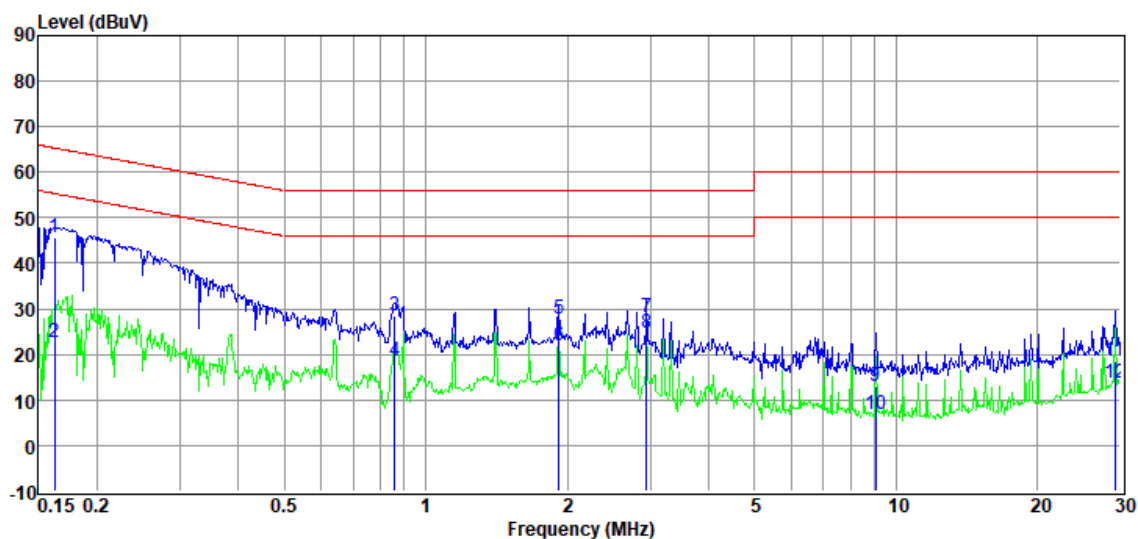
Test Mode : TX WPT Mode

Condition : TEMP:23.9°C, RH:67.3%

LISN : 2026 1# ENV 216/NEUTRAL

Memo : S26060916-004

Data: 2



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	26.26	9.60	0.00	9.86	45.72	65.34	19.62	QP	NEUTRAL
2	0.16	3.35	9.60	0.00	9.86	22.81	55.34	32.53	Average	NEUTRAL
3	0.86	9.14	9.60	0.01	9.87	28.62	56.00	27.38	QP	NEUTRAL
4	0.86	-0.85	9.60	0.01	9.87	18.63	46.00	27.37	Average	NEUTRAL
5	1.92	8.35	9.60	0.01	9.87	27.83	56.00	28.17	QP	NEUTRAL
6	1.92	2.58	9.60	0.01	9.87	22.06	46.00	23.94	Average	NEUTRAL
7	2.95	8.57	9.63	0.01	9.87	28.08	56.00	27.92	QP	NEUTRAL
8	2.95	5.25	9.63	0.01	9.87	24.76	46.00	21.24	Average	NEUTRAL
9	9.06	-6.69	9.71	0.05	9.89	12.96	60.00	47.04	QP	NEUTRAL
10	9.06	-12.71	9.71	0.05	9.89	6.94	50.00	43.06	Average	NEUTRAL
11	29.22	-1.97	10.28	0.12	10.00	18.43	60.00	41.57	QP	NEUTRAL
12	29.22	-6.66	10.28	0.12	10.00	13.74	50.00	36.26	Average	NEUTRAL

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26060916-7E\0815 CE\0815
CE.EM6

Test Date : 2026-08-15

Tested By : Zhang Yibo

Power Supply : AC 120V/60Hz

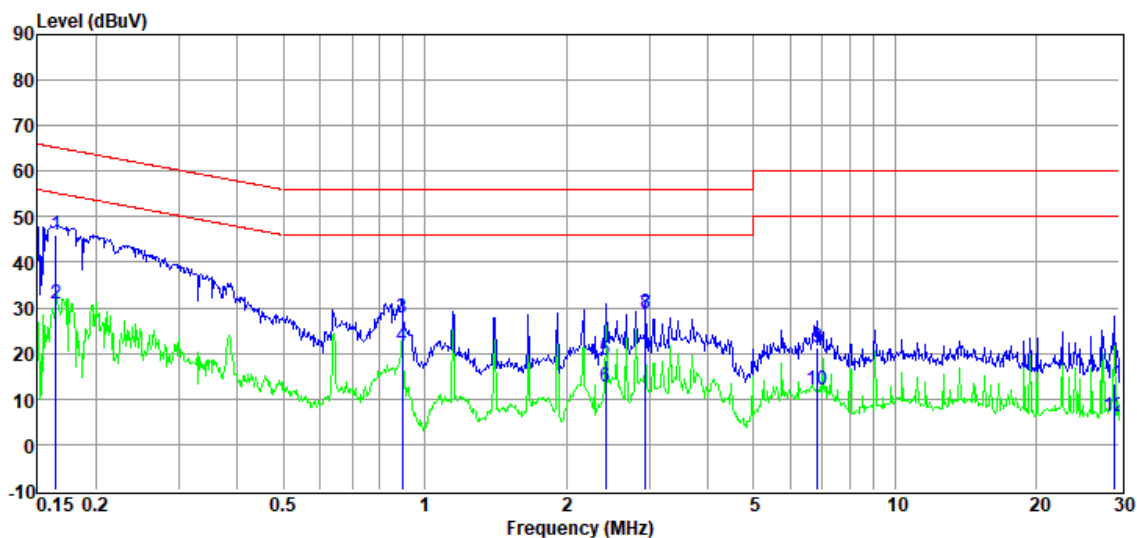
Test Mode : TX WPT Mode

Condition : TEMP:23.9°C, RH:67.3%

LISN : 2026 1# ENV 216/LINE

Memo : S26060916-004

Data: 4



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	26.45	9.58	0.00	9.86	45.89	65.25	19.36	QP	LINE
2	0.16	11.29	9.58	0.00	9.86	30.73	55.25	24.52	Average	LINE
3	0.89	8.41	9.59	0.01	9.87	27.88	56.00	28.12	QP	LINE
4	0.89	2.30	9.59	0.01	9.87	21.77	46.00	24.23	Average	LINE
5	2.42	-0.91	9.61	0.01	9.87	18.58	56.00	37.42	QP	LINE
6	2.42	-6.79	9.61	0.01	9.87	12.70	46.00	33.30	Average	LINE
7	2.95	8.90	9.61	0.01	9.87	28.39	56.00	27.61	QP	LINE
8	2.95	9.19	9.61	0.01	9.87	28.68	46.00	17.32	Average	LINE
9	6.84	1.84	9.63	0.03	9.88	21.38	60.00	38.62	QP	LINE
10	6.84	-7.45	9.63	0.03	9.88	12.09	50.00	37.91	Average	LINE
11	29.22	-7.01	10.15	0.12	10.00	13.26	60.00	46.74	QP	LINE
12	29.22	-14.16	10.15	0.12	10.00	6.11	50.00	43.89	Average	LINE

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

7. Photos of the EUT

Please refer to DDT-Q26060916-7E appendix I

-----End Report-----