



RADIO TEST REPORT

Applicant	:	Nimble For Good, PBC
Address of Applicant	:	1008 Brioso Drive Costa Mesa, CA 92627
Manufacturer	:	Nimble For Good, PBC
Address of Manufacturer	:	1008 Brioso Drive Costa Mesa, CA 92627
Equipment under Test	:	CHAMP Wireless 5K
Model No.	:	NB-CPC-5K20W
FCC ID	:	2AZIO-5KWHT
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart C, ANSI C63.10-2020
Report No.	:	DDT-RE25071622-2E01
Issue Date	:	2025/09/18
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

Table of Contents

1.	Summary of Test Results	6
2.	General Test Information.....	7
2.1.	Description of EUT	7
2.2.	Accessories of EUT	7
2.3.	Block diagram of EUT configuration for test.....	7
2.4.	Decision of final test mode	7
2.5.	Deviations of test standard	7
2.6.	Test environment conditions	8
2.7.	Test laboratory	8
2.8.	Measurement uncertainty	9
3.	Equipment Used During Conductive Test	10
4.	20 DB Bandwidth.....	11
4.1.	Block diagram of test setup	11
4.2.	Limits	11
4.3.	Test procedure	11
4.4.	Test result.....	12
4.5.	Test graphs	12
5.	Antenna Requirements.....	14
5.1.	Limit.....	14
5.2.	Result	14
6.	Radiated Emission	15
6.1.	Test equipment.....	15
6.2.	Block diagram of test setup	16
6.3.	Limits	16
6.4.	Assistant equipment used for test	17
6.5.	Test procedure	17
6.6.	Test result.....	18
6.7.	Test data	19
7.	Power Line Conducted Emissions.....	35
7.1.	Test equipment.....	35
7.2.	Block diagram of test setup	35
7.3.	Limits	35
7.4.	Assistant equipment used for test	35
7.5.	Test procedure	35
7.6.	Test result.....	36
7.7.	Test data	37

8. Test Setup Photograph39

9. Photos of the EUT43

Test Report Declare

Applicant	:	Nimble For Good, PBC
Address of Applicant	:	1008 Briosso Drive Costa Mesa, CA 92627
Equipment under Test	:	CHAMP Wireless 5K
Model No.	:	NB-CPC-5K20W
Manufacturer	:	Nimble For Good, PBC
Address of Manufacturer	:	1008 Briosso Drive Costa Mesa, CA 92627

Test Standard Used:
FCC Rules and Regulations 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-RE25071622-2E01		
Date of Receipt:	2025/08/21	Date of Test:	2025/08/21~2025/09/11

Created: Johnson Huang	Reviewed: Tiger Mo	Approved: Damon Hu
		
2025/09/11	2025/09/18	2025/09/18

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	2025/09/18	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	20 dB Bandwidth	FCC Part 15: 15.215	/	Pass
2	Radiated Emission	FCC Part 15: 15.205, FCC Part 15: 15.209	/	Pass
3	Power Line Conducted Emissions	FCC Part 15: 15.207(a)	/	Pass
4	Antenna Requirement	FCC 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	: CHAMP Wireless 5K
Model Number	: NB-CPC-5K20W
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: Battery: 3.85V, 5000mAh, 19.25Wh Input USB-C: 5V=3A, 9V=2.22A, 20W Max. Output USB-C: 5V=3A, 9V=3A, 20W Max. Wireless Output: 15W Max. USB-C + Wireless Output: 5V=2A + 5W
Wireless charging Operation frequency	: 115 kHz - 205kHz, 360kHz
Antenna Type	: Inductive loop coil antenna

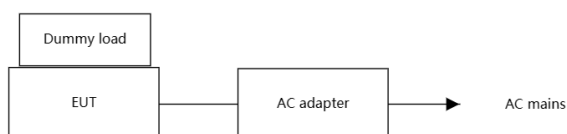
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's 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
USB cable	N/A	N/A	Length: 0.75m, unshielded

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

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

For mode 1: Tx mode 115 kHz - 205kHz, 360kHz (5W load, 10W load, 15W load, Phone)

For mode 2: Standby mode

Note: Scan with mode 1 and mode 2, the worst case is mode 1 Tx mode (15W load) and recorded in this report

2.5. Deviations of test standard

No deviation.

2.6. 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.

2.7. 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

2.8. Measurement uncertainty

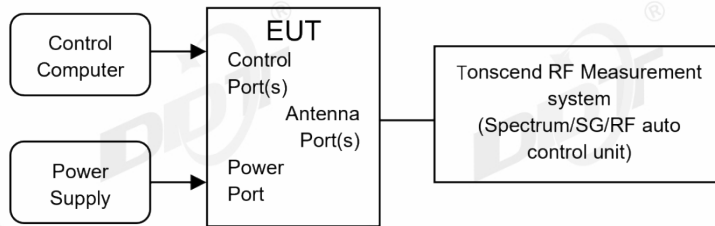
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 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. EQUIPMENT USED DURING CONDUCTIVE TEST

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒ RF Connected Test (RF Measurement System 2#)				
SPECTRUM ANALYZER	R&S	FSU26	201124	2026/07/06
Power Sensor	R&S	NRP-Z22	101254	2026/07/06
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

4. 20 DB BANDWIDTH

4.1. Block diagram of test setup



4.2. 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.

4.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
- (2) Set the EUT as maximum power setting and enable the EUT transmit continuously
- (3) Use the following spectrum analyzer settings for the 20 dB bandwidth measurement:

RBW:	1% to 5% of the OBW
VBW:	approximately three times RBW
Span:	between 2 times and 5 times the OBW
Detector Mode:	Peak
Sweep time:	Auto
Trace mode:	Max hold

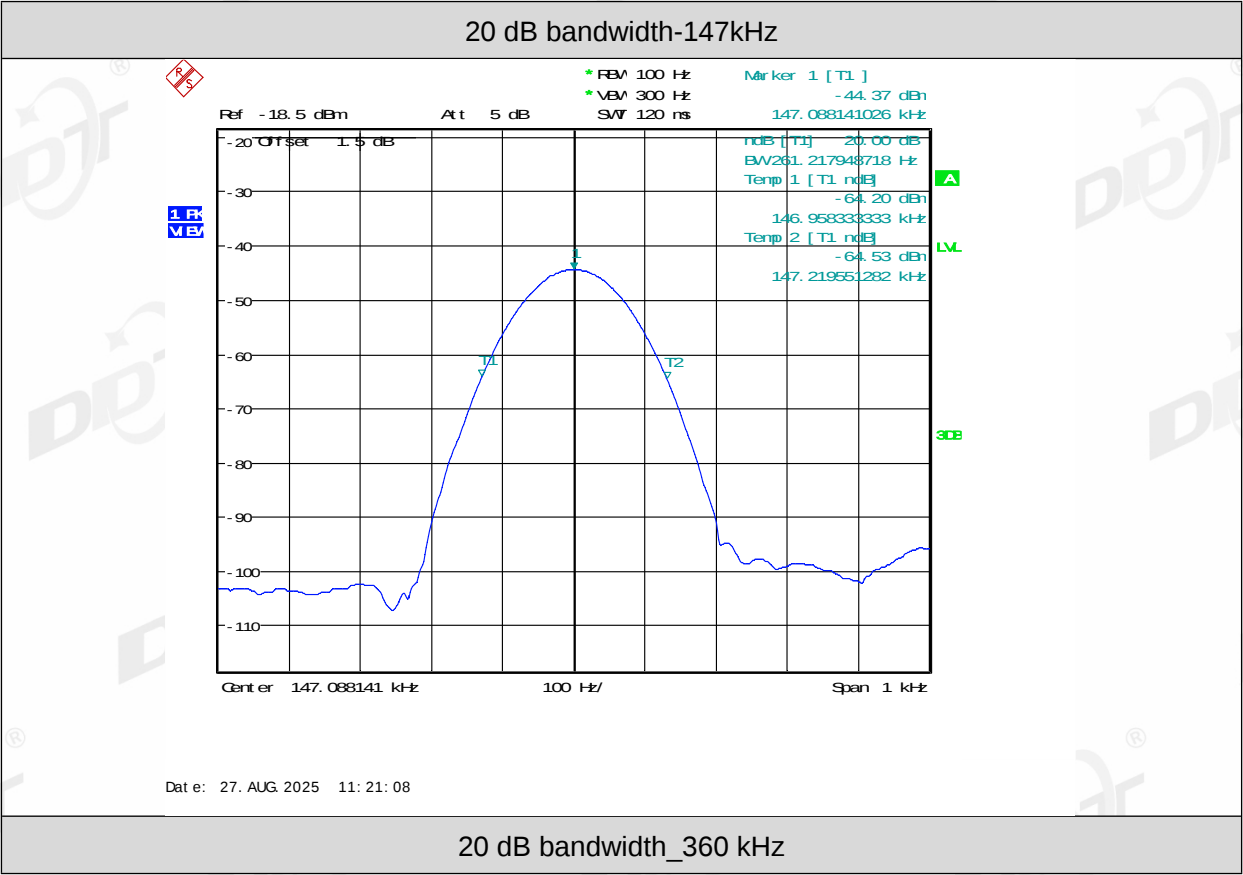
- (4) Measure and record the results in the report.

4.4. Test result

Test Engineer:	Huangwei	Test Site:	RF Measurement System 1#
Ambient Condition:	23.5 °C, 55%RH	Test Date:	2025/8/21 - 2025/9/11
Test Power Supply:	Battery	Sample Number:	S25071622-002

Freq. (kHz)	20 dB bandwidth Result (kHz)	Verdict
147	0.261	Pass
360	0.261	Pass

4.5. Test graphs





5. ANTENNA REQUIREMENTS

5.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

5.2. Result

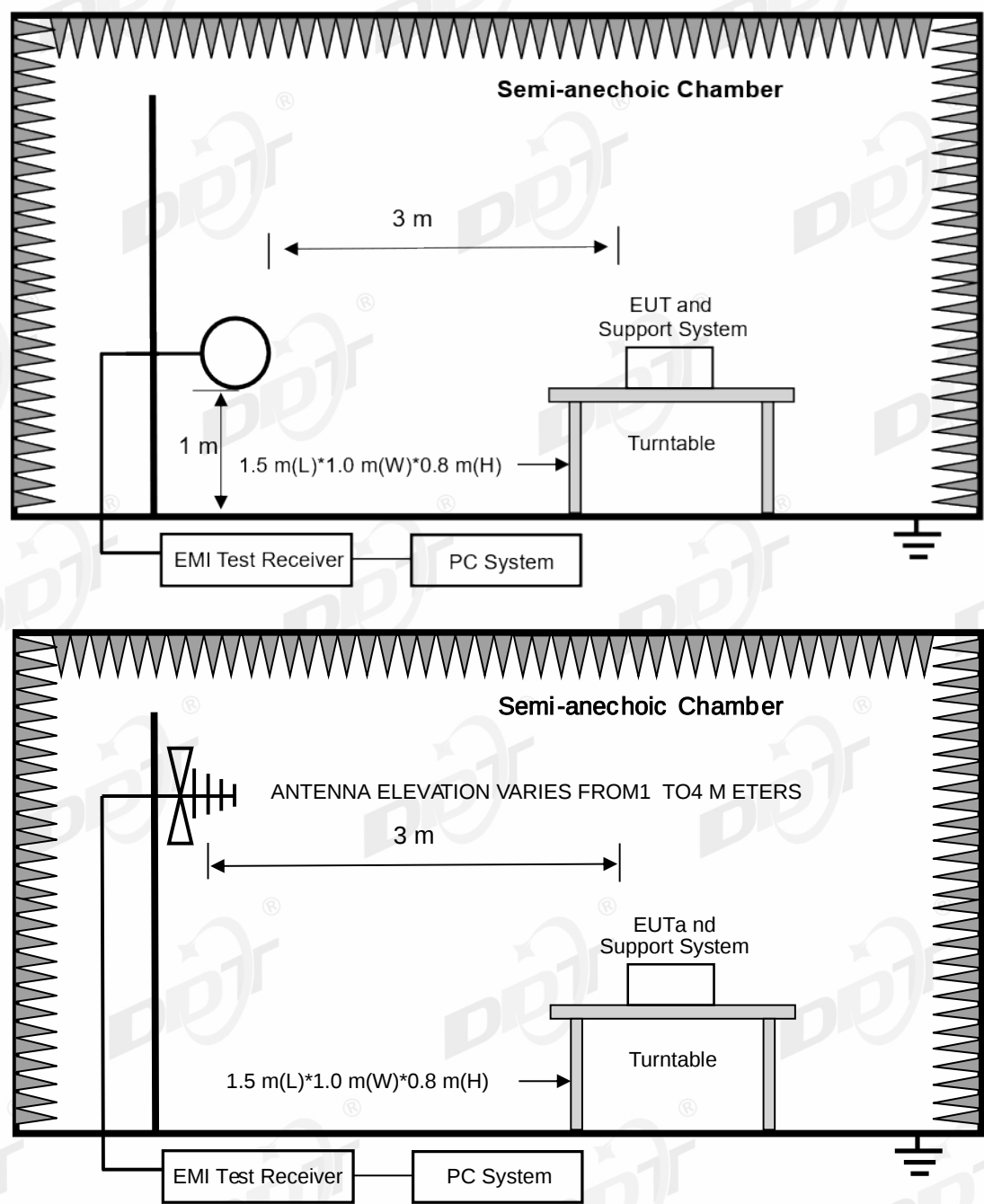
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

6. Radiated Emission

6.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2027/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

6.2. Block diagram of test setup



6.3. 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:

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

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

6.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

6.5. 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 C63.10:2013 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 30 MHz, 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 C63.10:2013 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 C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

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

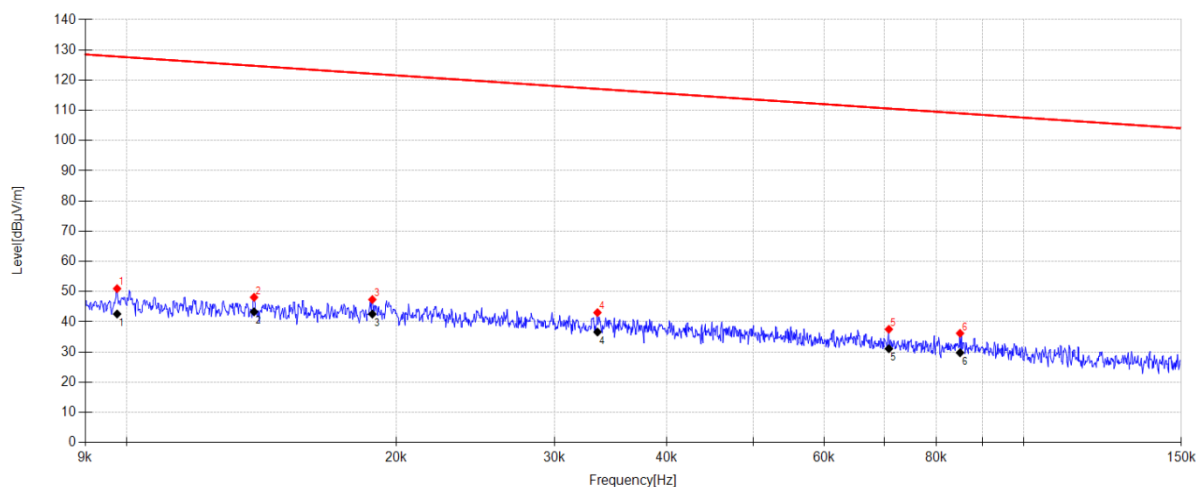
6.6. Test result

PASS. (See below detailed test result)

6.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 360kHz WPT mode (by phone) **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\9
Memo: Sample Numbel :S25071622-002



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.010	59.80	20.50	3.17	-32.50	50.97	127.80	76.83	PK	X
2	0.014	56.93	20.50	3.17	-32.50	48.10	124.75	76.65	PK	X
3	0.019	56.19	20.50	3.18	-32.51	47.36	122.11	74.75	PK	X
4	0.034	51.99	20.40	3.18	-32.53	43.04	117.09	74.05	PK	X
5	0.071	46.50	20.40	3.19	-32.57	37.52	110.60	73.08	PK	X
6	0.085	45.18	20.40	3.19	-32.58	36.19	109.01	72.82	PK	X

Final Data List

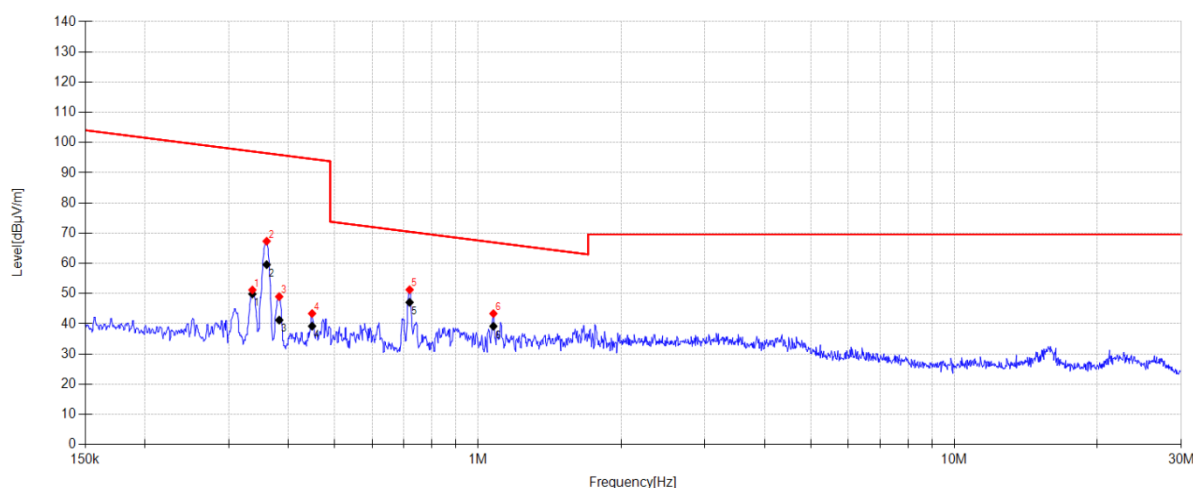
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.010	51.41	20.50	3.17	42.58	127.77	85.19	AV	X
2	0.014	52.12	20.50	3.17	43.29	124.74	81.45	AV	X
3	0.019	51.38	20.50	3.18	42.55	122.11	79.56	AV	X
4	0.034	45.55	20.40	3.18	36.60	117.10	80.50	AV	X
5	0.071	40.06	20.40	3.19	31.08	110.60	79.52	AV	X
6	0.085	38.74	20.40	3.19	29.75	109.01	79.26	AV	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 360KHz WPT mode (by phone) **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\17
Memo: Sample Numbler :S25071622-002 phone

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.336	60.40	20.21	3.19	-32.60	51.20	97.07	45.87	PK	X
2	0.360	76.52	20.22	3.19	-32.60	67.33	96.47	29.14	PK	X
3	0.383	58.16	20.23	3.19	-32.60	48.98	95.94	46.96	PK	X
4	0.449	52.52	20.27	3.20	-32.60	43.39	94.56	51.17	PK	X
5	0.719	60.33	20.34	3.20	-32.60	51.27	70.47	19.20	PK	X
6	1.078	52.35	20.40	3.21	-32.60	43.36	66.95	23.59	PK	X

Final Data List

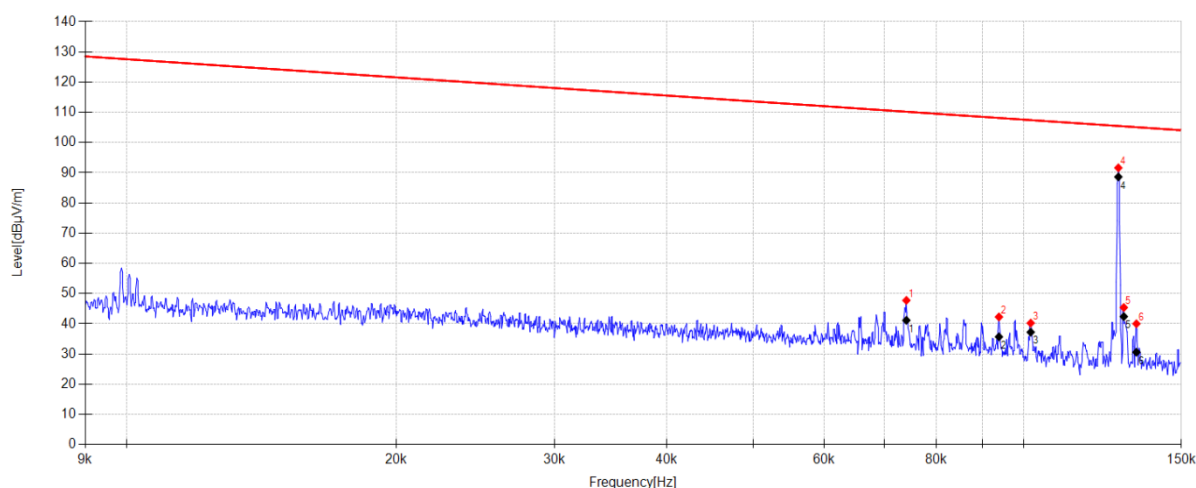
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.336	59.05	20.21	3.19	49.85	97.07	47.22	AV	X
2	0.360	68.76	20.22	3.19	59.57	96.47	36.90	AV	X
3	0.383	50.4	20.23	3.19	41.22	95.94	54.72	AV	X
4	0.449	48.34	20.27	3.20	39.21	94.56	55.35	AV	X
5	0.719	56.15	20.34	3.20	47.09	70.47	23.38	QP	X
6	1.078	48.17	20.40	3.21	39.18	66.95	27.77	QP	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 15W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\10
Memo: Sample Numbler :S25071622-002

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.074	56.72	20.40	3.19	-32.57	47.74	110.21	62.47	PK	X
2	0.094	51.29	20.38	3.19	-32.59	42.27	108.15	65.88	PK	X
3	0.102	49.31	20.34	3.18	-32.60	40.23	107.44	67.21	PK	X
4	0.128	100.83	20.21	3.19	-32.60	91.63	105.48	13.85	PK	X
5	0.129	54.60	20.20	3.19	-32.60	45.39	105.36	59.97	PK	X
6	0.134	49.24	20.18	3.19	-32.60	40.01	105.08	65.07	PK	X

Final Data List

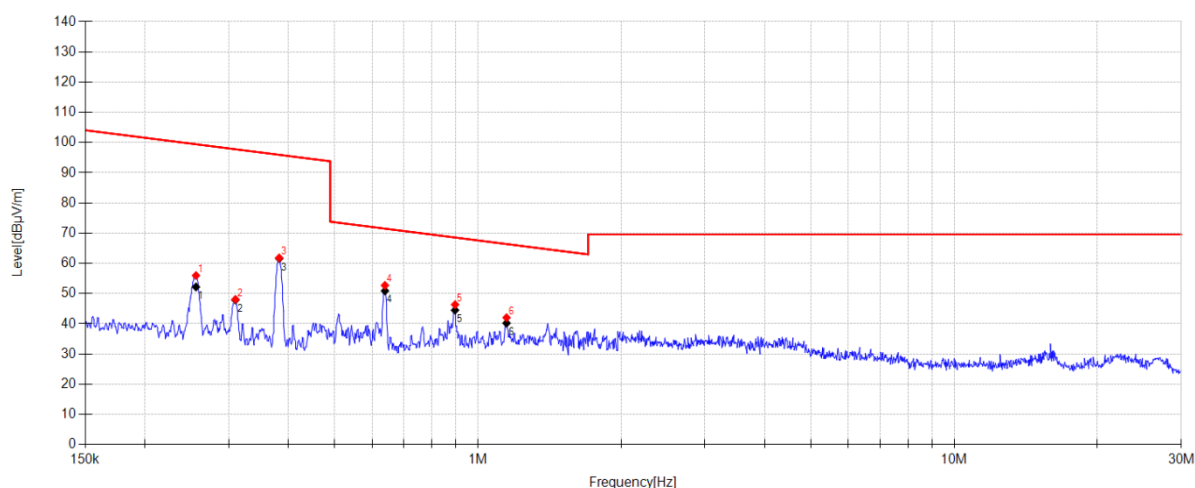
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.074	50.12	20.40	3.19	41.14	110.20	69.06	AV	X
2	0.094	44.69	20.38	3.19	35.67	108.15	72.48	QP	X
3	0.102	46.3	20.34	3.18	37.22	107.44	70.22	QP	X
4	0.128	97.82	20.21	3.19	88.62	105.48	16.86	AV	X
5	0.129	51.59	20.20	3.19	42.38	105.36	62.98	AV	X
6	0.134	39.82	20.18	3.19	30.59	105.08	74.49	AV	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 15W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\16
Memo: Sample Numbler :S25071622-002

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.256	65.23	20.16	3.19	-32.60	55.98	99.43	43.45	PK	X
2	0.310	57.28	20.19	3.19	-32.60	48.06	97.78	49.72	PK	X
3	0.383	70.98	20.23	3.19	-32.60	61.80	95.94	34.14	PK	X
4	0.638	61.78	20.33	3.20	-32.60	52.71	71.50	18.79	PK	X
5	0.896	55.35	20.38	3.20	-32.60	46.33	68.56	22.23	PK	X
6	1.149	51.02	20.40	3.21	-32.60	42.03	66.40	24.37	PK	X

Final Data List

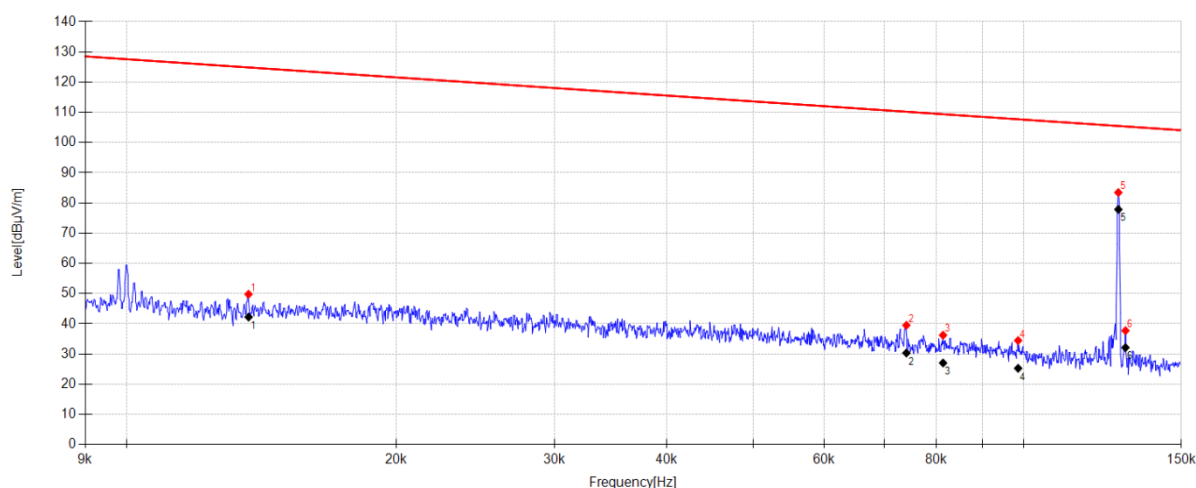
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.256	61.45	20.16	3.19	52.20	99.43	47.23	AV	X
2	0.310	57.09	20.19	3.19	47.87	97.78	49.91	AV	X
3	0.383	70.79	20.23	3.19	61.61	95.94	34.33	AV	X
4	0.638	59.95	20.33	3.20	50.88	71.50	20.62	QP	X
5	0.896	53.52	20.38	3.20	44.50	68.56	24.06	QP	X
6	1.149	49.19	20.40	3.21	40.20	66.40	26.20	QP	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 10W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\11
Memo: Sample Numbler :S25071622-002

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.014	58.61	20.50	3.17	-32.50	49.78	124.87	75.09	PK	X
2	0.074	48.49	20.40	3.19	-32.57	39.51	110.21	70.70	PK	X
3	0.081	45.20	20.40	3.19	-32.58	36.21	109.39	73.18	PK	X
4	0.099	43.51	20.36	3.18	-32.60	34.45	107.72	73.27	PK	X
5	0.128	92.65	20.21	3.19	-32.60	83.45	105.48	22.03	PK	X
6	0.130	46.93	20.20	3.19	-32.60	37.72	105.32	67.60	PK	X

Final Data List

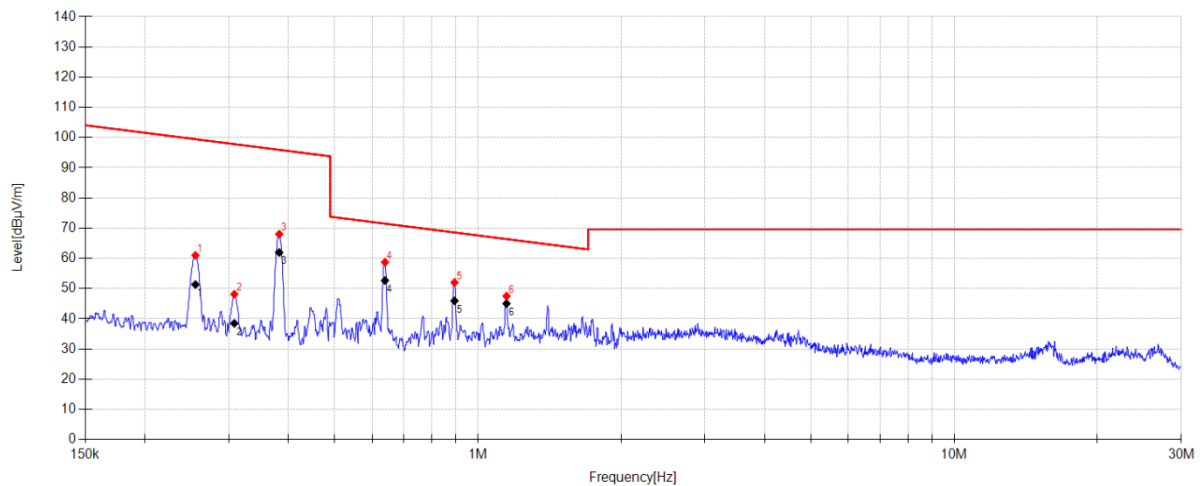
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.014	51.06	20.50	3.17	42.23	124.86	82.63	AV	X
2	0.074	39.3	20.40	3.19	30.32	110.20	79.88	AV	X
3	0.081	36.01	20.40	3.19	27.02	109.39	82.37	AV	X
4	0.099	34.32	20.36	3.18	25.26	107.71	82.45	QP	X
5	0.128	87.05	20.21	3.19	77.85	105.48	27.63	AV	X
6	0.130	41.33	20.20	3.19	32.12	105.32	73.20	AV	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 10W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\14
Memo: Sample Numbler :S25071622-002

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.255	70.24	20.16	3.19	-32.60	60.99	99.46	38.47	PK	X
2	0.308	57.35	20.19	3.19	-32.60	48.13	97.83	49.70	PK	X
3	0.383	77.20	20.23	3.19	-32.60	68.02	95.94	27.92	PK	X
4	0.638	67.80	20.33	3.20	-32.60	58.73	71.50	12.77	PK	X
5	0.894	61.03	20.38	3.20	-32.60	52.01	68.58	16.57	PK	X
6	1.149	56.49	20.40	3.21	-32.60	47.50	66.40	18.90	PK	X

Final Data List

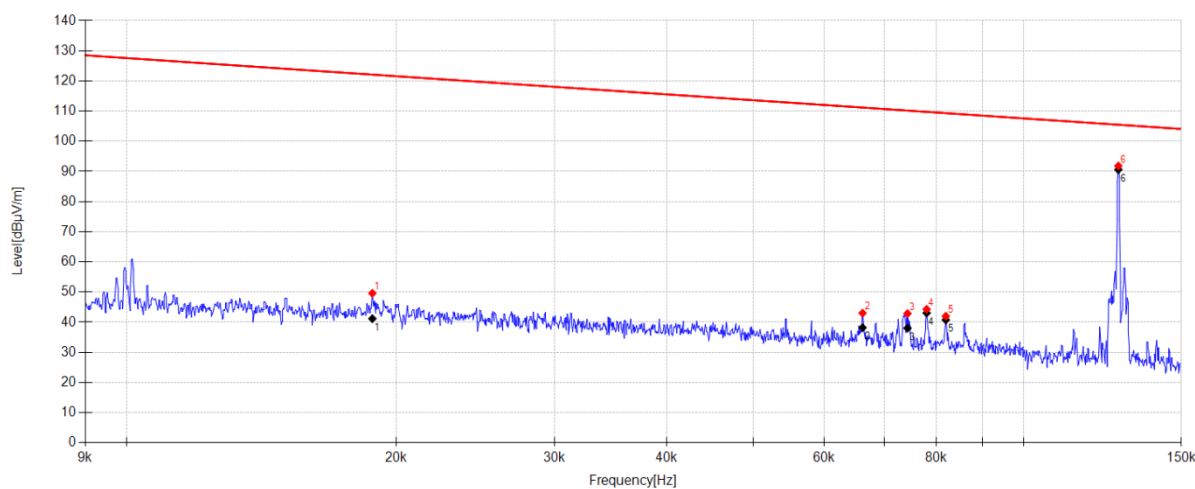
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.255	60.58	20.16	3.19	51.33	99.46	48.13	AV	X
2	0.308	47.69	20.19	3.19	38.47	97.83	59.36	AV	X
3	0.383	71.13	20.23	3.19	61.95	95.94	33.99	AV	X
4	0.638	61.73	20.33	3.20	52.66	71.50	18.84	QP	X
5	0.894	54.96	20.38	3.20	45.94	68.58	22.64	QP	X
6	1.149	54.01	20.40	3.21	45.02	66.40	21.38	QP	X

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: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 5W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\12
Memo: Sample Numble :S25071622-002

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.019	58.41	20.50	3.18	-32.51	49.58	122.11	72.53	PK	X
2	0.066	51.98	20.40	3.19	-32.56	43.01	111.19	68.18	PK	X
3	0.074	51.84	20.40	3.19	-32.57	42.86	110.18	67.32	PK	X
4	0.078	53.27	20.40	3.19	-32.58	44.28	109.76	65.48	PK	X
5	0.082	50.99	20.40	3.19	-32.58	42.00	109.33	67.33	PK	X
6	0.128	101.02	20.21	3.19	-32.60	91.82	105.48	13.66	PK	X

Final Data List

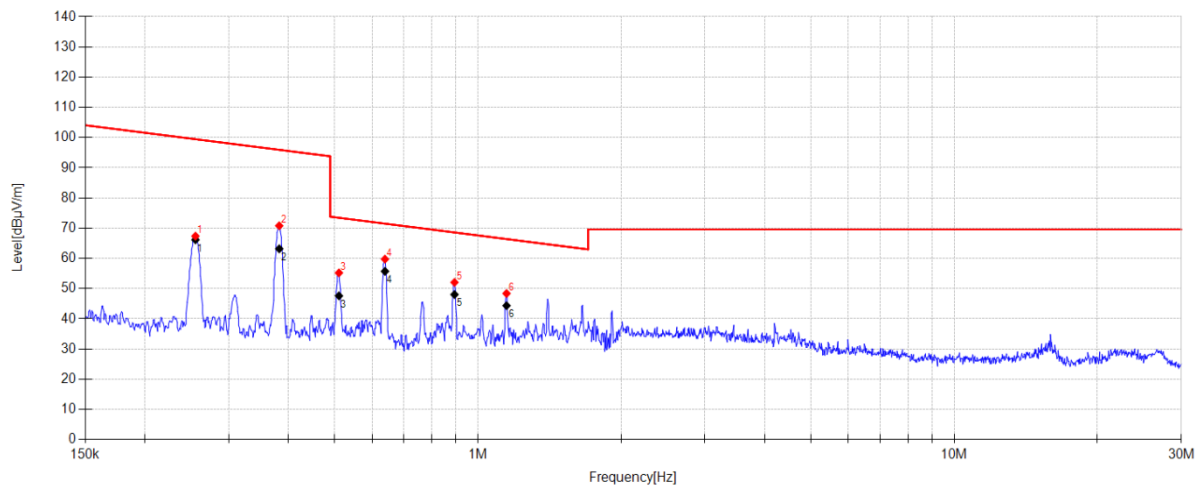
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.019	49.99	20.50	3.18	41.16	122.11	80.95	AV	X
2	0.066	47.15	20.40	3.19	38.18	111.18	73.00	AV	X
3	0.074	47.01	20.40	3.19	38.03	110.18	72.15	AV	X
4	0.078	52.03	20.40	3.19	43.04	109.76	66.72	AV	X
5	0.082	49.75	20.40	3.19	40.76	109.33	68.57	AV	X
6	0.128	99.78	20.21	3.19	90.58	105.48	14.90	AV	X

Note:

- Result 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: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-30 **Tested By:** Li Xiongbin
EUT: CHAMP Wireless 5K **Model Number:** NB-CPC-5K20W
Test Mode: 5W WPT mode **Power Supply:** Battery
Condition: Temp:21.5°C;Humi:56.0% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\13
Memo: Sample Numbel :S25071622-002



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	0.255	76.62	20.16	3.19	-32.60	67.37	99.46	32.09	PK	X
2	0.383	79.97	20.23	3.19	-32.60	70.79	95.94	25.15	PK	X
3	0.511	64.31	20.30	3.20	-32.60	55.21	73.43	18.22	PK	X
4	0.638	68.82	20.33	3.20	-32.60	59.75	71.50	11.75	PK	X
5	0.894	61.08	20.38	3.20	-32.60	52.06	68.58	16.52	PK	X
6	1.149	57.37	20.40	3.21	-32.60	48.38	66.40	18.02	PK	X

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	0.255	75.4	20.16	3.19	66.15	99.46	33.31	AV	X
2	0.383	72.34	20.23	3.19	63.16	95.94	32.78	AV	X
3	0.511	56.68	20.30	3.20	47.58	73.43	25.85	QP	X
4	0.638	64.78	20.33	3.20	55.71	71.50	15.79	QP	X
5	0.894	57.04	20.38	3.20	48.02	68.58	20.56	QP	X
6	1.149	53.33	20.40	3.21	44.34	66.40	22.06	QP	X

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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

5W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

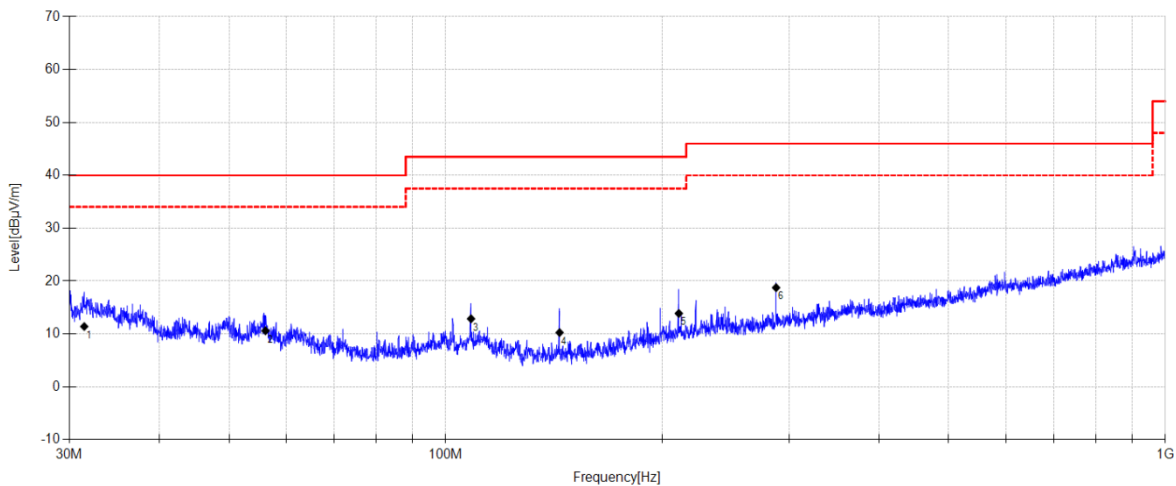
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\1

Memo:

Sample Numbler :S25071622-002



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	31.465	29.38	10.58	3.73	11.39	40.00	28.61	QP	Horizontal
2	56.190	26.02	12.94	3.92	10.58	40.00	29.42	QP	Horizontal
3	108.467	29.12	11.83	4.21	12.85	43.50	30.65	QP	Horizontal
4	143.986	29.67	8.61	4.31	10.25	43.50	33.25	QP	Horizontal
5	210.852	31.01	10.72	4.54	13.87	43.50	29.63	QP	Horizontal
6	287.860	32.98	13.10	5.06	18.74	46.00	27.26	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

5W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

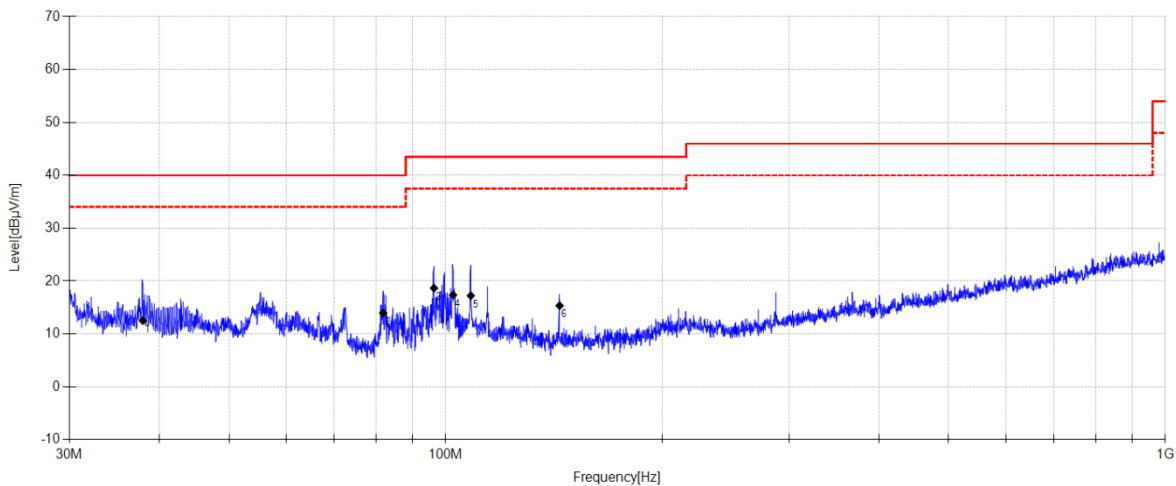
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\2

Memo:

Sample Numbler :S25071622-002



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	37.943	28.85	12.20	3.78	12.53	40.00	27.47	QP	Vertical
2	81.882	33.28	8.91	4.07	13.96	40.00	26.04	QP	Vertical
3	96.346	35.94	10.85	4.16	18.65	43.50	24.85	QP	Vertical
4	102.406	34.7	10.76	4.20	17.36	43.50	26.14	QP	Vertical
5	108.391	33.54	11.77	4.21	17.21	43.50	26.29	QP	Vertical
6	143.986	34.76	8.61	4.31	15.34	43.50	28.16	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

10W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

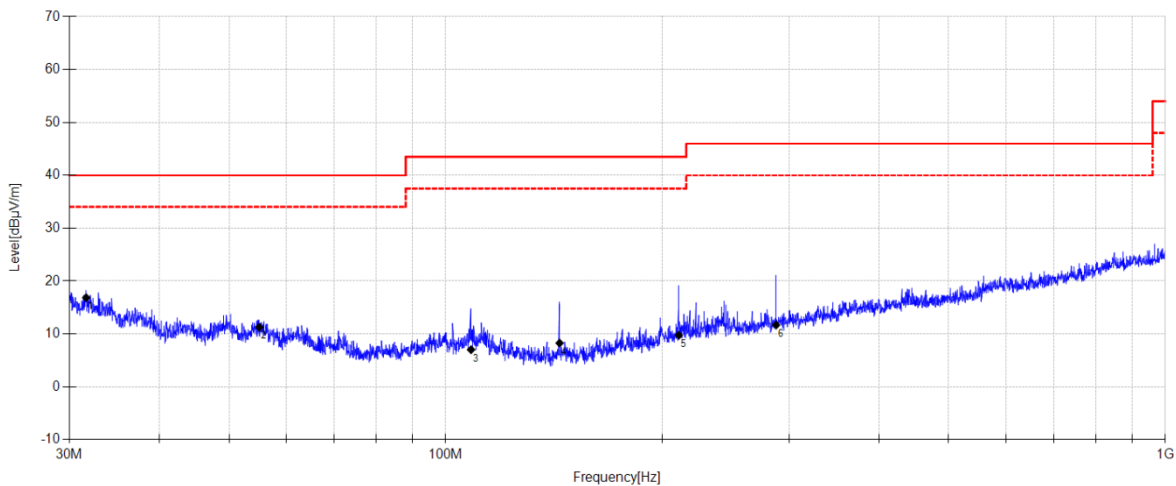
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\3

Memo:

Sample Numbler :S25071622-002



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	31.664	34.72	10.70	3.73	16.85	40.00	23.15	QP	Horizontal
2	55.098	26.92	12.73	3.92	11.27	40.00	28.73	QP	Horizontal
3	108.467	23.28	11.83	4.21	7.01	43.50	36.49	QP	Horizontal
4	143.986	27.68	8.61	4.31	8.26	43.50	35.24	QP	Horizontal
5	210.852	26.86	10.72	4.54	9.72	43.50	33.78	QP	Horizontal
6	287.860	25.91	13.10	5.06	11.67	46.00	34.33	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

10W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

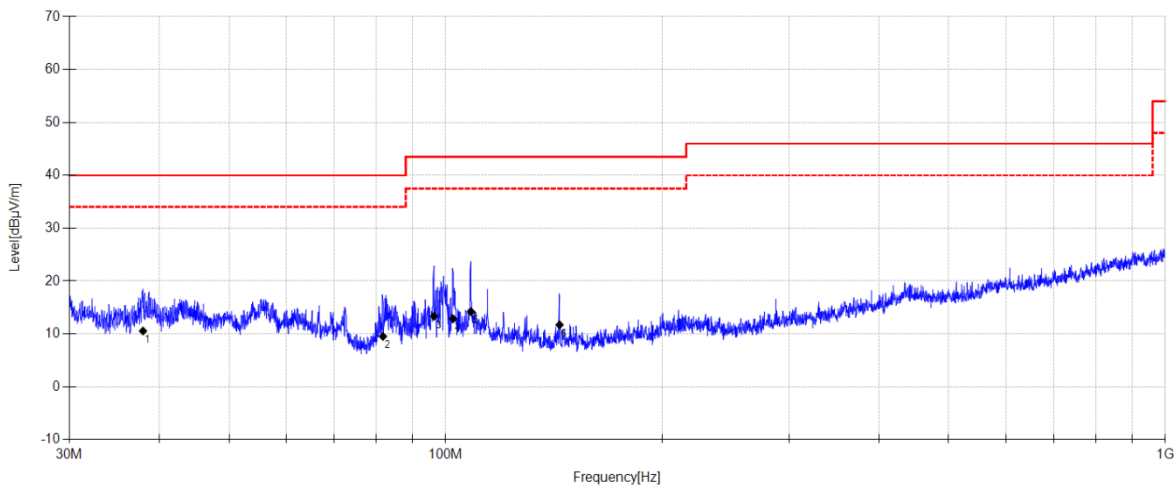
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\4

Memo:

Sample Numbler :S25071622-002



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	37.970	26.86	12.20	3.78	10.54	40.00	29.46	QP	Vertical
2	81.824	28.83	8.92	4.07	9.52	40.00	30.48	QP	Vertical
3	96.346	30.62	10.85	4.16	13.33	43.50	30.17	QP	Vertical
4	102.406	30.2	10.76	4.20	12.86	43.50	30.64	QP	Vertical
5	108.467	30.46	11.83	4.21	14.19	43.50	29.31	QP	Vertical
6	143.986	31.13	8.61	4.31	11.71	43.50	31.79	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

15W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

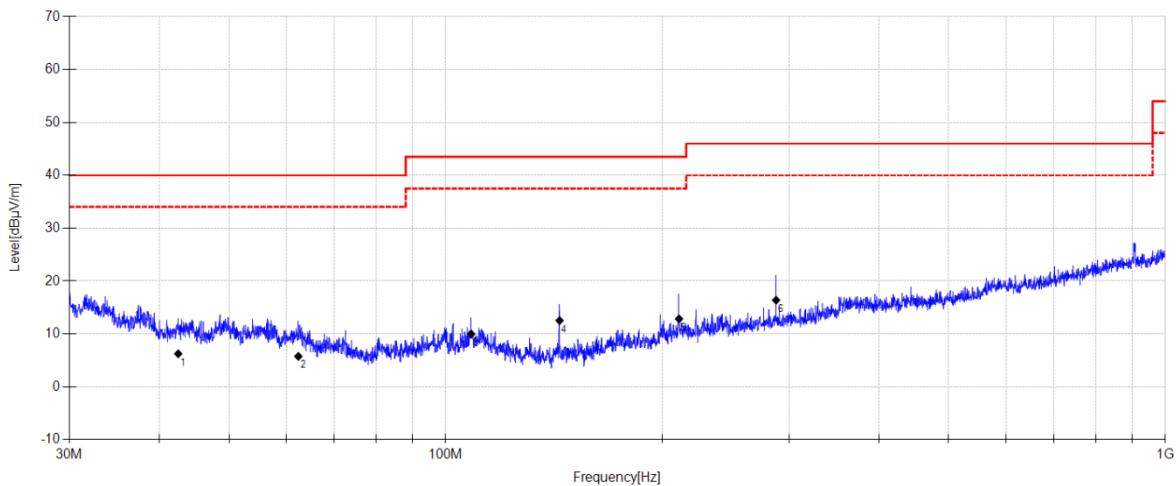
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\5

Memo:

Sample Numbler :S25071622-002



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	42.507	21.31	13.40	3.82	6.23	40.00	33.77	QP	Horizontal
2	62.422	21.57	12.52	3.96	5.75	40.00	34.25	QP	Horizontal
3	108.543	26.2	11.88	4.21	9.98	43.50	33.52	QP	Horizontal
4	143.986	31.94	8.61	4.31	12.52	43.50	30.98	QP	Horizontal
5	211.000	29.95	10.74	4.54	12.83	43.50	30.67	QP	Horizontal
6	287.860	30.61	13.10	5.06	16.37	46.00	29.63	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

15W WPT Mode

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

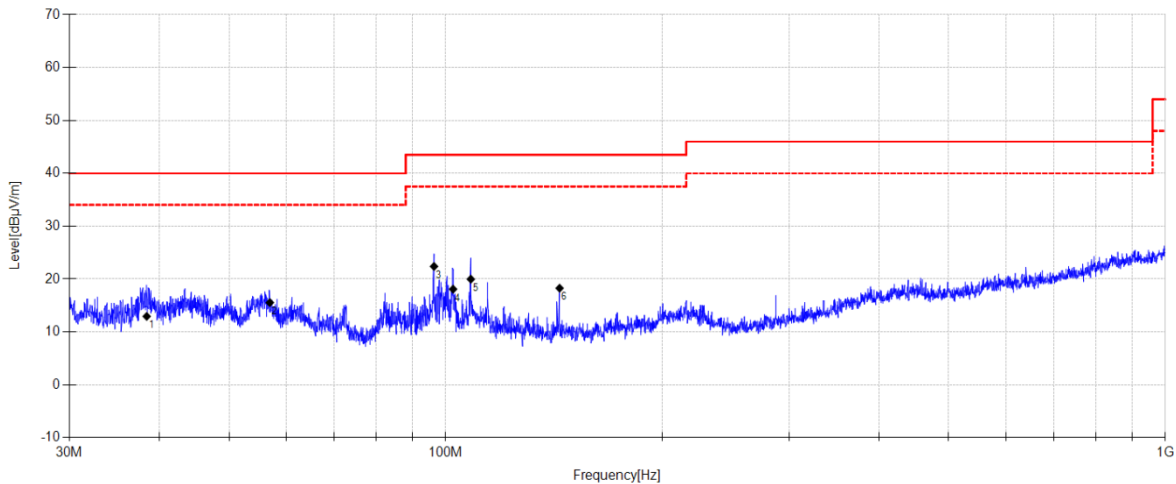
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\6

Memo:

Sample Numbler :S25071622-002



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	38.425	29.2	12.24	3.79	12.93	40.00	27.07	QP	Vertical
2	56.984	31.21	12.70	3.93	15.54	40.00	24.46	QP	Vertical
3	96.346	39.67	10.85	4.16	22.38	43.50	21.12	QP	Vertical
4	102.406	35.42	10.76	4.20	18.08	43.50	25.42	QP	Vertical
5	108.391	36.3	11.77	4.21	19.97	43.50	23.53	QP	Vertical
6	143.986	37.68	8.61	4.31	18.26	43.50	25.24	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

360kHz WPT mode (by phone)

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

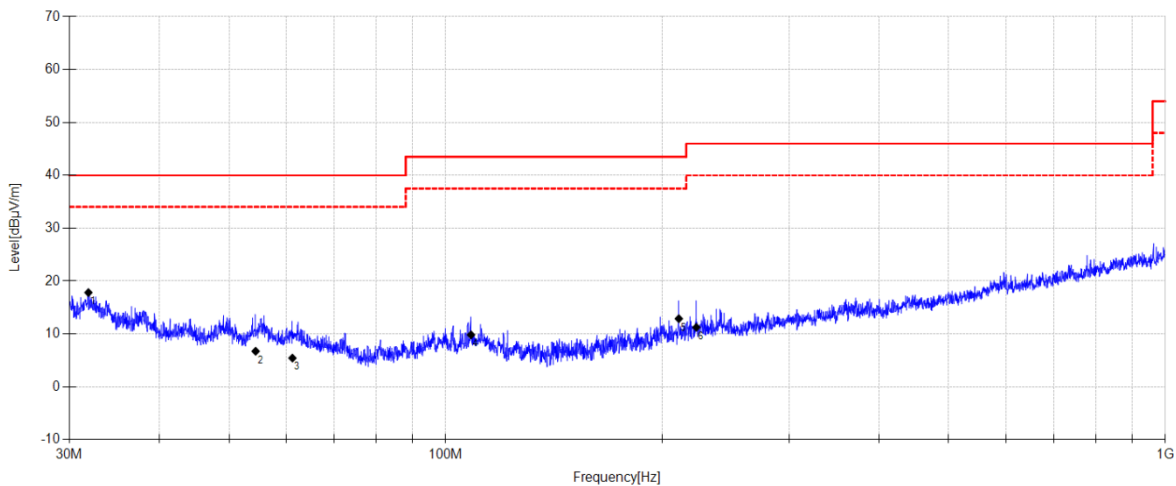
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\7

Memo:

Sample Numbler :S25071622-002



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	31.887	35.55	10.83	3.74	17.82	40.00	22.18	QP	Horizontal
2	54.445	22.01	13.09	3.91	6.71	40.00	33.29	QP	Horizontal
3	61.252	21.31	12.45	3.96	5.42	40.00	34.58	QP	Horizontal
4	108.467	26.09	11.83	4.21	9.82	43.50	33.68	QP	Horizontal
5	210.852	30.01	10.72	4.54	12.87	43.50	30.63	QP	Horizontal
6	223.017	27.64	11.38	4.62	11.24	46.00	34.76	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:

2025-08-30

Tested By:

Li Xiongbín

EUT:

CHAMP Wireless 5K

Model Number:

NB-CPC-5K20W

Test Mode:

360kHz WPT mode (by phone)

Power Supply:

Battery

Condition:

Temp:21.5°C;Humi:56.0%

Test Site:

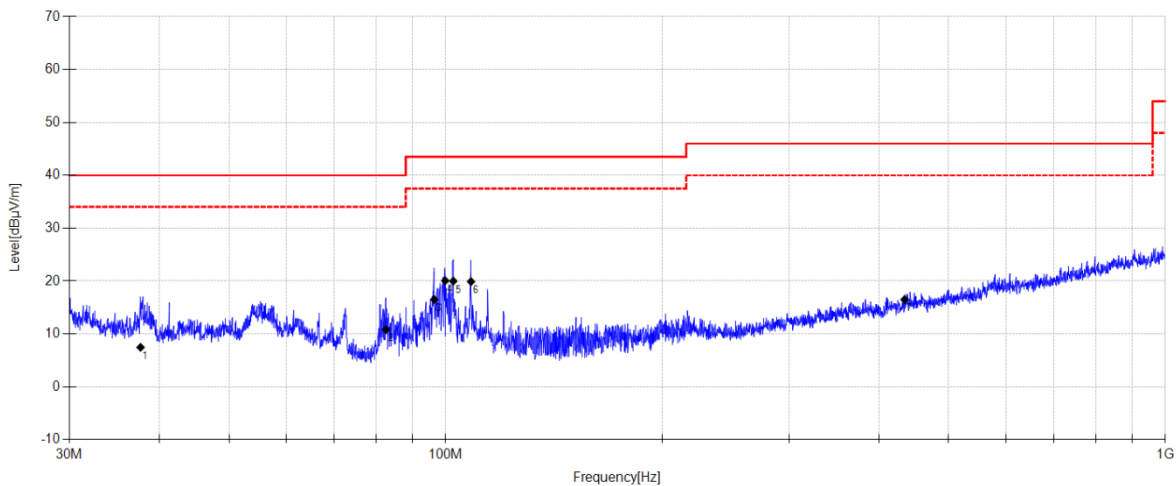
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25071622-2E\FCC Below 1G\8

Memo:

Sample Numbler :S25071622-002



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	37.678	23.78	12.20	3.78	7.46	40.00	32.54	QP	Vertical
2	82.574	30.13	8.90	4.08	10.81	40.00	29.19	QP	Vertical
3	96.414	33.85	10.79	4.16	16.50	43.50	27.00	QP	Vertical
4	99.854	36.26	11.91	4.19	20.06	43.50	23.44	QP	Vertical
5	102.478	37.29	10.79	4.20	19.98	43.50	23.52	QP	Vertical
6	108.467	36.16	11.83	4.21	19.89	43.50	23.61	QP	Vertical
7	434.122	27.23	16.11	5.68	16.49	46.00	29.51	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.

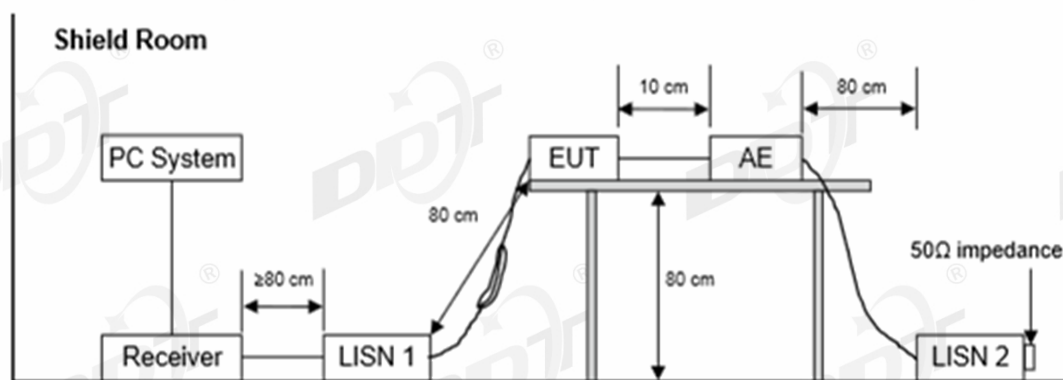
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

7. Power Line Conducted Emissions

7.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026/03/28
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026/03/28
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026/03/28
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06

7.2. Block diagram of test setup



7.3. 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.

7.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

7.5. 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.

7.6. 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.

Note4: During the charging process, the wireless power transmission function cannot operate simultaneously.

7.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 5# Shield Room

Test Date

: 2025-09-03

EUT

: CHAMP Wireless 5K

Power Supply

: AC 120V/60Hz

Condition

: Temp:22.3°C,Humi:51.5%

Memo

: S25071622-002

D:\2025 report data\Q25071622-2E\0903 CE.EM6

Tested By

: Li Xiongbín

Model Number

: NB-CPC-5K20W

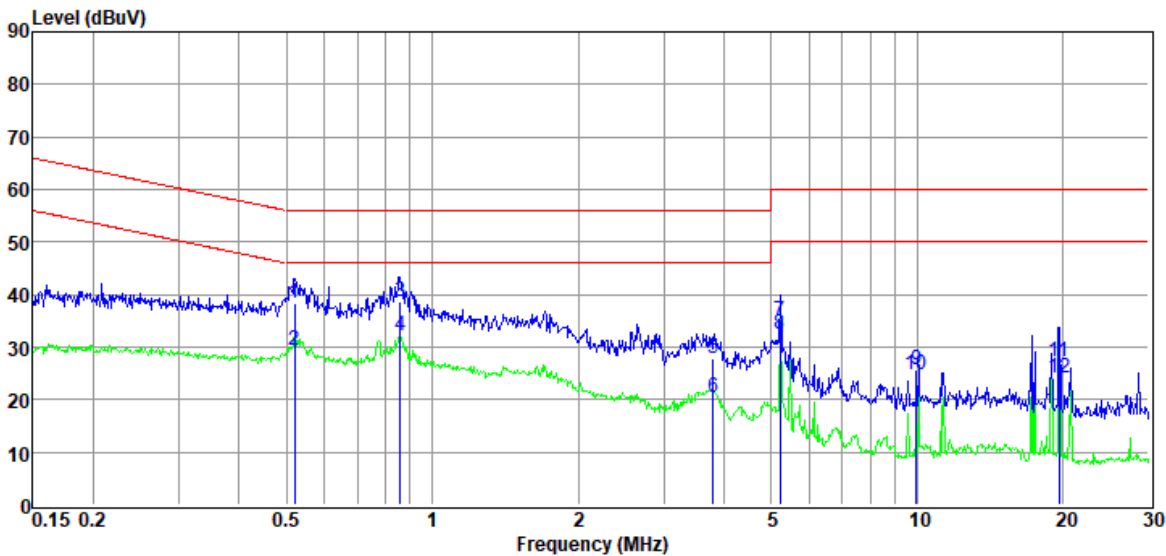
Test Mode

: STANDBY Mode

LISN

: 2025 2# 216/LINE

Data: 2



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.52	18.51	9.49	0.10	10.32	38.42	56.00	-17.58	QP	LINE
2	0.52	9.34	9.49	0.10	10.32	29.25	46.00	-16.75	Average	LINE
3	0.86	18.68	9.50	0.15	10.38	38.71	56.00	-17.29	QP	LINE
4	0.86	12.04	9.50	0.15	10.38	32.07	46.00	-13.93	Average	LINE
5	3.80	7.89	9.53	0.23	10.30	27.95	56.00	-28.05	QP	LINE
6	3.80	0.47	9.53	0.23	10.30	20.53	46.00	-25.47	Average	LINE
7	5.22	14.83	9.54	0.24	10.25	34.86	60.00	-25.14	QP	LINE
8	5.22	12.51	9.54	0.24	10.25	32.54	50.00	-17.46	Average	LINE
9	9.96	5.70	9.58	0.27	10.14	25.69	60.00	-34.31	QP	LINE
10	9.96	4.70	9.58	0.27	10.14	24.69	50.00	-25.31	Average	LINE
11	19.64	6.58	9.85	0.35	10.30	27.08	60.00	-32.92	QP	LINE
12	19.64	3.64	9.85	0.35	10.30	24.14	50.00	-25.86	Average	LINE

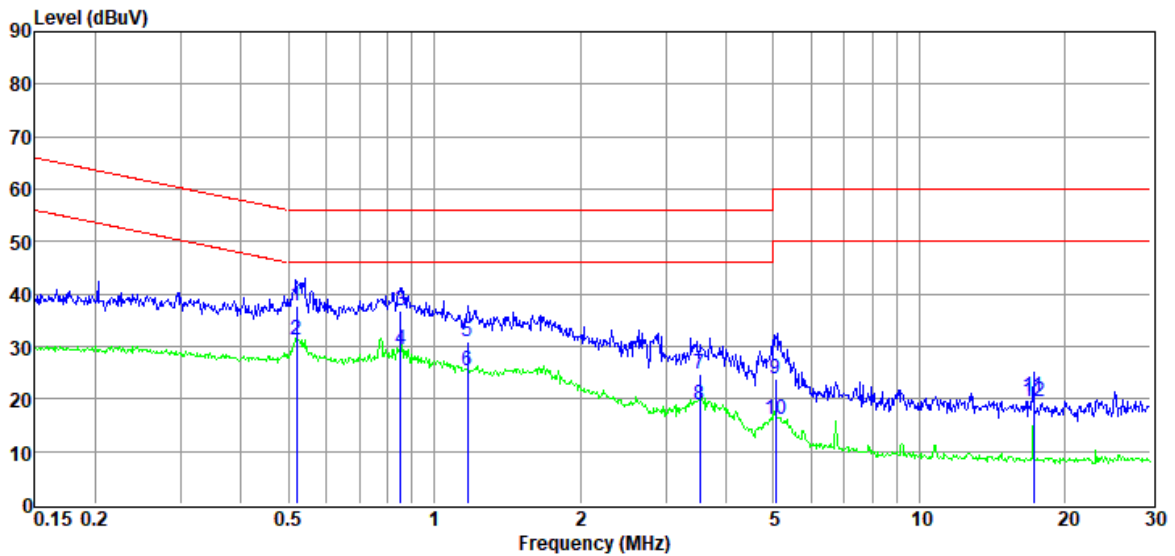
Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room
Test Date : 2025-09-03
EUT : CHAMP Wireless 5K
Power Supply : AC 120V/60Hz
Condition : Temp:22.3°C,Humi:51.5%
Memo : S25071622-002

D:\2025 report data\Q25071622-2E\0903 CE.EM6
Tested By : Li Xiongbín
Model Number : NB-CPC-5K20W
Test Mode : STANDBY Mode
LISN : 2025 2# 216/NEUTRAL

Data: 4



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.52	17.92	9.48	0.10	10.32	37.82	56.00	-18.18	QP	NEUTRAL
2	0.52	11.44	9.48	0.10	10.32	31.34	46.00	-14.66	Average	NEUTRAL
3	0.85	16.73	9.48	0.15	10.38	36.74	56.00	-19.26	QP	NEUTRAL
4	0.85	9.35	9.48	0.15	10.38	29.36	46.00	-16.64	Average	NEUTRAL
5	1.17	10.92	9.49	0.19	10.40	31.00	56.00	-25.00	QP	NEUTRAL
6	1.17	5.25	9.49	0.19	10.40	25.33	46.00	-20.67	Average	NEUTRAL
7	3.53	4.59	9.52	0.23	10.31	24.65	56.00	-31.35	QP	NEUTRAL
8	3.53	-1.27	9.52	0.23	10.31	18.79	46.00	-27.21	Average	NEUTRAL
9	5.06	3.82	9.54	0.24	10.26	23.86	60.00	-36.14	QP	NEUTRAL
10	5.06	-4.03	9.54	0.24	10.26	16.01	50.00	-33.99	Average	NEUTRAL
11	17.20	0.00	9.87	0.33	10.26	20.46	60.00	-39.54	QP	NEUTRAL
12	17.20	-0.99	9.87	0.33	10.26	19.47	50.00	-30.53	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.

9. Photos of the EUT

Please refer to DDT-Q25071622-1E appendix I

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