



RADIO TEST REPORT

Applicant	:	Shenzhen Chuangwei-RGB Electronics Co., Ltd.
Address of Applicant	:	13F-16F, Unit A, Skyworth Building, Shennan Road South, Nanshan District, Shenzhen, Guangdong, China
Manufacturer	:	Shenzhen Chuangwei-RGB Electronics Co., Ltd.
Address of Manufacturer	:	13F-16F, Unit A, Skyworth Building, Shennan Road South, Nanshan District, Shenzhen, Guangdong, China
Equipment under Test	:	WiFi + BT Module
Model No.	:	U8822C5
FCC ID	:	2ANM3U8822C2
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart C, ANSI C63.10-2020+Cor.1-2023
Report No.	:	DDT-RE26041731-1E02
Issue Date	:	2026/04/28
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

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Test Report Declare

Applicant	:	Shenzhen Chuangwei-RGB Electronics Co., Ltd.
Address of Applicant	:	13F-16F, Unit A, Skyworth Building, Shennan Road South, Nanshan District, Shenzhen, Guangdong, China
Equipment under Test	:	WiFi + BT Module
Model No.	:	U8822C5
Manufacturer	:	Shenzhen Chuangwei-RGB Electronics Co., Ltd.
Address of Manufacturer	:	13F-16F, Unit A, Skyworth Building, Shennan Road South, Nanshan District, Shenzhen, Guangdong, China

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart C,
ANSI C63.10-2020+Cor.1-2023

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-RE26041731-1E02		
Date of Receipt:	2026/02/24	Date of Test:	2026/02/24 - 2026/04/23

Created: Tiger Mo	Reviewed: Johnson Huang	Approved: Ella Gong
		
2026/04/23	2026/04/28	2026/04/28

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	2026/04/28	Ella Gong

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6 dB Bandwidth and 99% Bandwidth	47 CFR Part 15 15.247(a)(2)	/	Refer
2	Peak Output Power	47 CFR Part 15 15.247(b)(3)	/	Refer
3	Power Spectral Density	47 CFR Part 15 15.247(e)	/	Refer
4	RF Conducted Spurious Emissions	47 CFR Part 15 15.247(d)	/	Refer
5	Radiated Emission	47 CFR Part 15 15.205, 47 CFR Part 15 15.209, 47 CFR Part 15 15.247(d)	/	Pass
6	Band Edge Compliance	47 CFR Part 15 15.205, 47 CFR Part 15 15.209, 47 CFR Part 15 15.247(d)	/	Pass
7	Antenna Requirement	47 CFR Part 15 15.203	/	Pass
8	Power Line Conducted Emissions	47 CFR Part 15 15.207(a)	/	N/A

Note1: 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.

Note 2: For the Result marked the "Refer" means the test item refer to original report, report number is FCCSZ2024-0030-RF1 and FCCSZ2024-0030-RF1-A2 from CVC Testing Technology (Shenzhen) Co., Ltd.

Note 3: This report add two antennas to the original report. Verified RF output power, Supplements Radiated Emission and Band Edge Compliance tests on the basis of the original certification to verify that the product meets the standards requirements. Please refer to the original report for other test data.

2. General Test Information

2.1. Description of EUT

EUT Name	: WiFi + BT Module
Model Number	: U8822C5
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 3.3V

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
SLK-CW-2813-M-600I-W	2402-2480	FPC antenna	3.56
85-S2WP-550-035	2402-2480	Steel sheet antenna	3.62

Note: The test used the (85-S2WP-550-035) antenna with the maximum gain.

Radio Specification	: Bluetooth LE
Operation Frequency	: 2402 MHz to 2480 MHz
Modulation	: GFSK

Bluetooth LE 1Mbps Channel information

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454		
13	2428	27	2456		

Bluetooth LE 2Mbps Channel information

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464

4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454	/	
13	2428	27	2456	/	
The channels denoted with the grey background are excluded, because they are primary advertising channel only for the Bluetooth LE 1Mbps according to the Bluetooth Core Specification.					

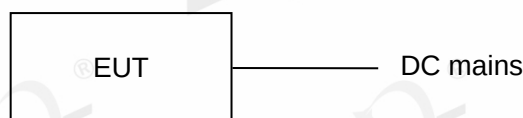
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's 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
/	/	/	/

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:

Test software: Bluetooth RF Test Tool.exe

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table:

The pathloss of external cable: 0.5dB (According to the manufacturer's claims)

Tested mode, Tx Power Setting, Channel, and Frequency			
Mode	Setting Tx Power	Channel	Frequency

			(MHz)
GFSK 1M	5	CH0	2402
	5	CH19	2440
	5	CH39	2480
GFSK 2M	5	CH1	2404
	5	CH19	2440
	5	CH38	2478

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 to 106 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

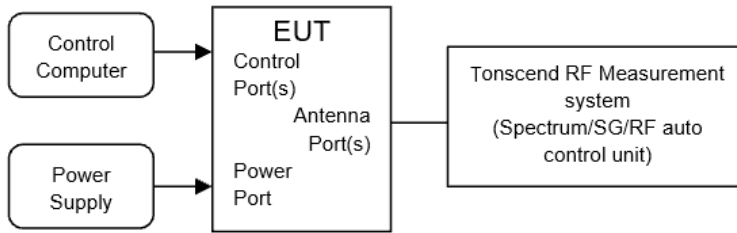
VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	1.9%
Peak Output Power (Conducted) (Spectrum analyzer)	0.98 dB
Peak Output Power (Conducted) (Power Sensor)	1.18 dB
Power Spectral Density (Base EIRP)	1.51 dB
Power Spectral Density (Spectrum analyzer)	0.98 dB
Frequencies Stability	1.9 kHz
Conducted spurious emissions	1.21 dB ($9\text{ kHz} \leq f < 7\text{ GHz}$);
	3.31 dB ($7\text{ GHz} \leq f < 40\text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	5.5×10^{-8}
Time	0.11%
Temperature	0.3 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.28 dB (Antenna Polarize: V)
	4.14 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.22 dB (1 - 6 GHz)
	4.52 dB (6 GHz - 18 GHz)
	4.58 dB (18 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.32dB (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. Maximum Peak Output Power

3.1. Block diagram of test setup



3.2. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. If transmitting antennas of directional gain greater than 6dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi, the e.i.r.p shall not exceed 4W.

3.3. Test procedure

- (1) The test according to ANSI C63.10 clause 11.9.1.1.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
- (4) Use the following spectrum analyzer settings for the maximum peak output power measurement:

RBW:	≥DTS bandwidth
VBW:	≥3 x RBW
Span	≥3 x RBW
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold
- (5) Allow the trace to stabilize, use peak marker function to determine the peak amplitude level.

3.4. Test result

Test Mode	Antenna	Frequency (MHz)	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Gain (dBi)	EIRP (dBm)	Verdict
BLE_1M	Ant1	2402	4.11	≤30	3.62	7.73	PASS
BLE_1M	Ant1	2440	3.99	≤30	3.62	7.61	PASS
BLE_1M	Ant1	2480	3.91	≤30	3.62	7.53	PASS
BLE_2M	Ant1	2402	3.94	≤30	3.62	7.56	PASS
BLE_2M	Ant1	2440	3.25	≤30	3.62	6.87	PASS
BLE_2M	Ant1	2480	3.63	≤30	3.62	7.25	PASS

Note1: The Conducted Power reference report “FCCSZ2024-0030-RF1-A2”

Note2: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

4. Antenna Requirements

4.1. 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.2. Result

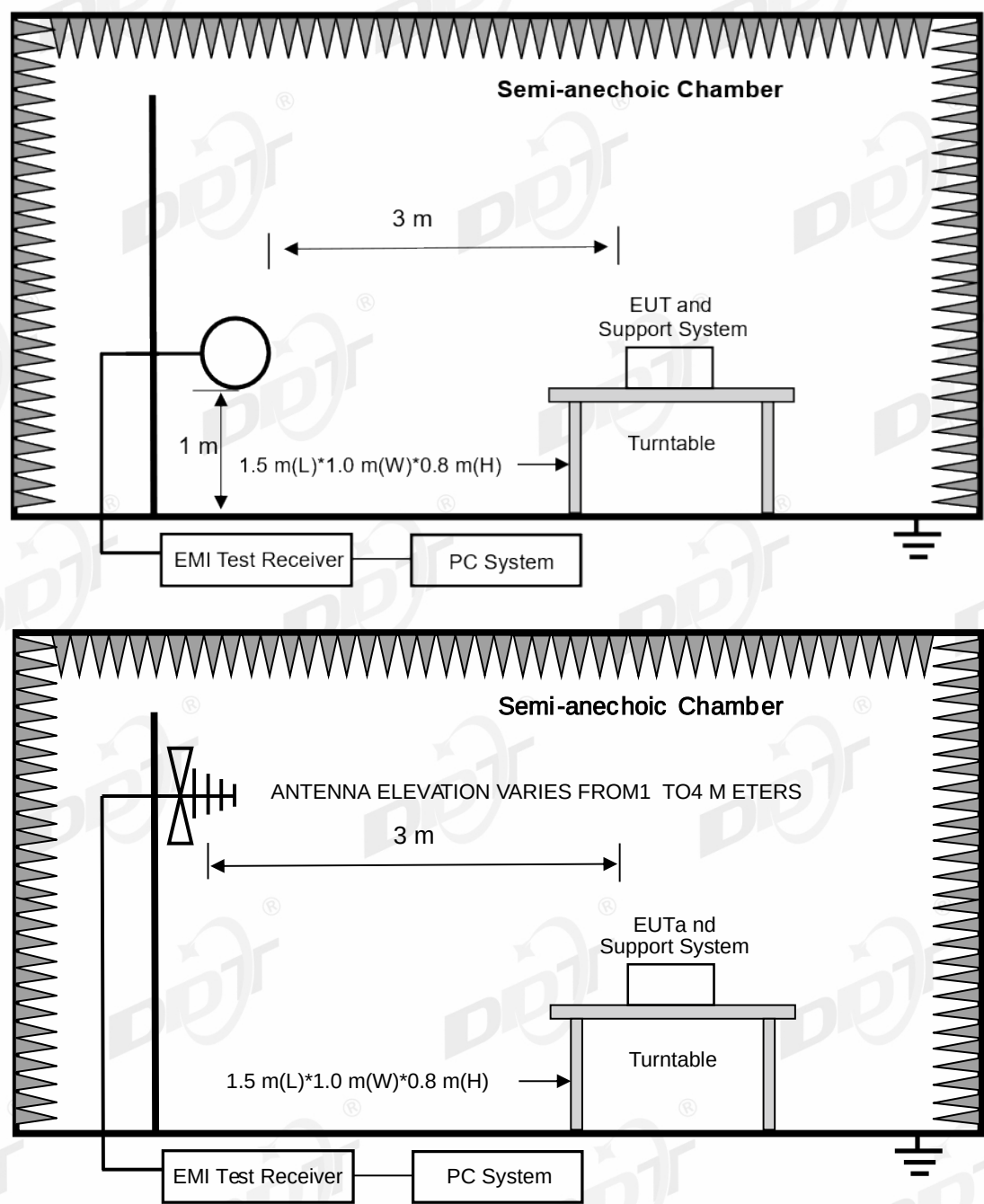
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

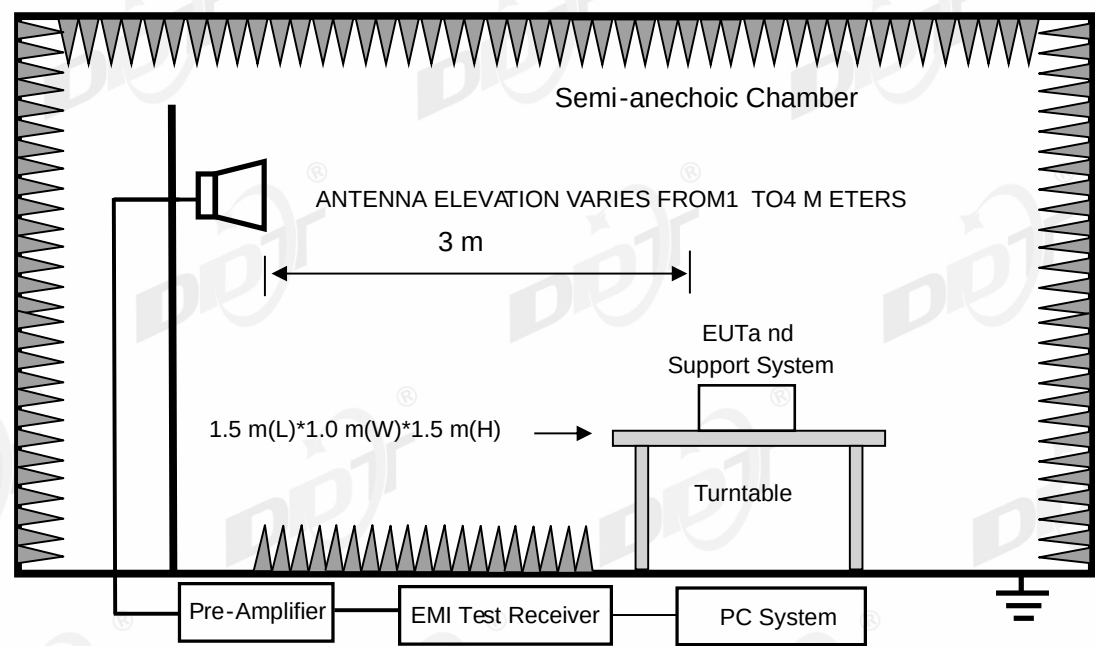
5. Radiated Emission

5.1. 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	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
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	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

5.2. Block diagram of test setup





5.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

²Above 38.6

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMIT	
MHz	Meters	uV/m	dBuV/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
Above 1000	3	74.0 dBuV/m(Peak)	
		54.0 dBuV/m(Average)	

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:

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

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

5.4. Assistant equipment used for test

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

5.5. 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
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According to ANSI C63.10 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 3 m 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 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 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.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) For 30 MHz ~ 25 GHz: (Scan with all mode, the worst case is reported)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in worst mode.

5.6. Test result

PASS. (See below detailed test result)

5.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbín

Test Mode: BLE_2M_2480

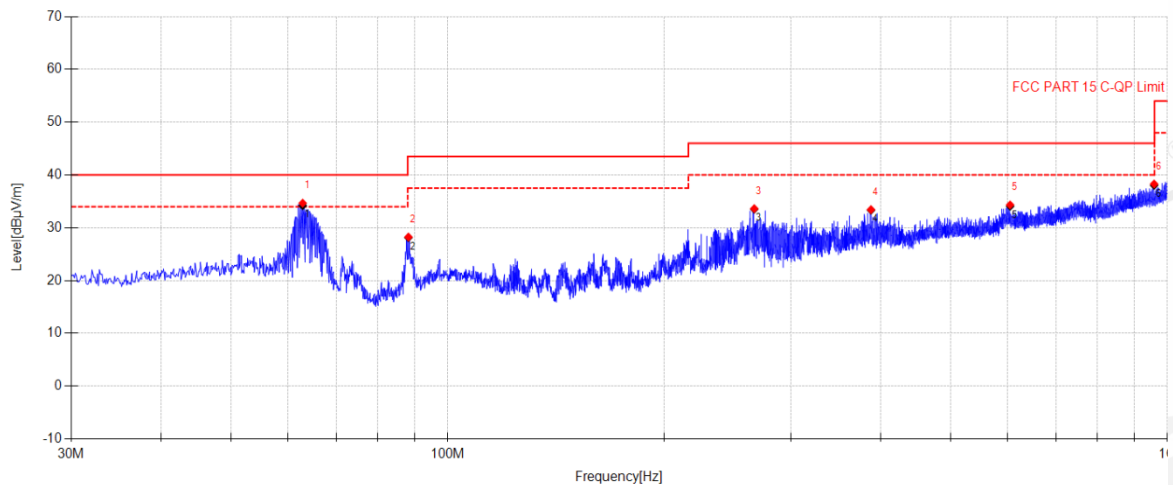
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report date\Q26041731\FCC Below 1G\3

Memo: Sample Number:S26041731-001



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	62.886	15.26	17.71	1.69	0.00	34.66	40.00	5.34	PK	Horizontal
2	88.206	11.20	15.16	1.87	0.00	28.23	43.50	15.27	PK	Horizontal
3	266.70	11.90	18.80	2.91	0.00	33.61	46.00	12.39	PK	Horizontal
4	387.48	8.42	21.42	3.59	0.00	33.43	46.00	12.57	PK	Horizontal
5	604.68	4.54	25.30	4.49	0.00	34.33	46.00	11.67	PK	Horizontal
6	958.67	3.82	28.25	6.22	0.00	38.29	46.00	7.71	PK	Horizontal

Final Data List

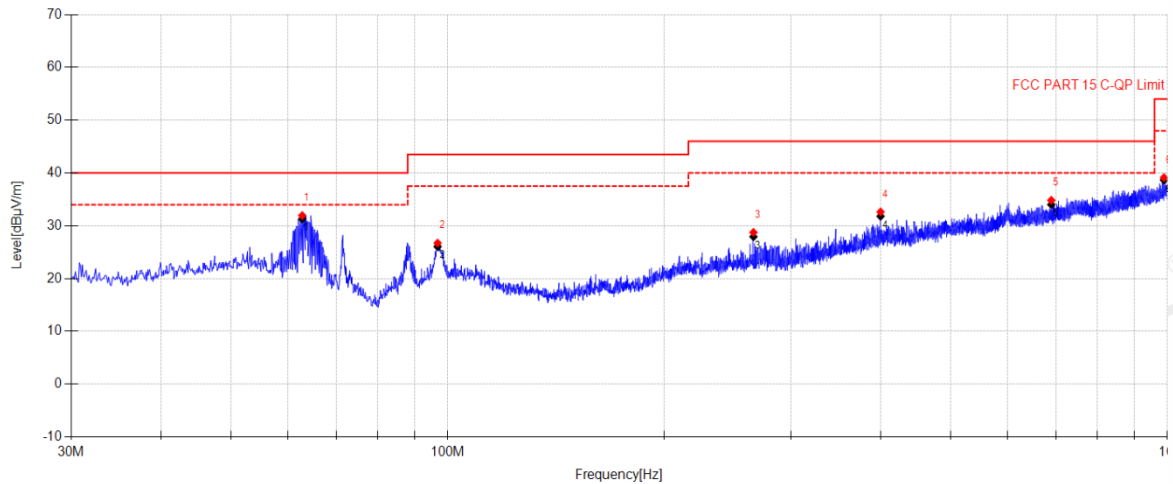
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	62.886	14.79	17.71	1.69	34.19	40.00	5.81	QP	Horizontal
2	88.206	11.09	15.16	1.87	28.12	43.50	15.38	QP	Horizontal
3	266.704	11.79	18.80	2.91	33.50	46.00	12.50	QP	Horizontal
4	387.481	8.31	21.42	3.59	33.32	46.00	12.68	QP	Horizontal
5	604.685	4.27	25.30	4.49	34.06	46.00	11.94	QP	Horizontal
6	958.674	3.55	28.25	6.22	38.02	46.00	7.98	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: 2026-02-25 **Tested By:** Li Xiongbín
Test Mode: BLE_2M_2480 **Power Supply:** DC 3.3V
Condition: Temp:22.7°C;Humi:55.8% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report date\Q26041731\FCC Below 1G\4
Memo: Sample Number:S26041731-001

**Suspected 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	62.789	12.51	17.74	1.69	0.00	31.94	40.00	8.06	PK	Vertical
2	96.840	7.48	17.14	2.09	0.00	26.71	43.50	16.79	PK	Vertical
3	266.02	7.05	18.79	2.90	0.00	28.74	46.00	17.26	PK	Vertical
4	399.51	7.42	21.59	3.61	0.00	32.62	46.00	13.38	PK	Vertical
5	689.86	4.47	25.54	4.82	0.00	34.83	46.00	11.17	PK	Vertical
6	989.23	4.04	28.44	6.64	0.00	39.12	54.00	14.88	PK	Vertical

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	62.789	11.84	17.74	1.69	31.27	40.00	8.73	QP	Vertical
2	96.840	6.81	17.14	2.09	26.04	43.50	17.46	QP	Vertical
3	266.025	6.22	18.79	2.90	27.91	46.00	18.09	QP	Vertical
4	399.510	6.59	21.59	3.61	31.79	46.00	14.21	QP	Vertical
5	689.860	3.64	25.54	4.82	34.00	46.00	12.00	QP	Vertical
6	989.232	3.57	28.44	6.64	38.65	54.00	15.35	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: 2026-02-25

Tested By: Li Xiongbín

Test Mode: BLE_2M_2402

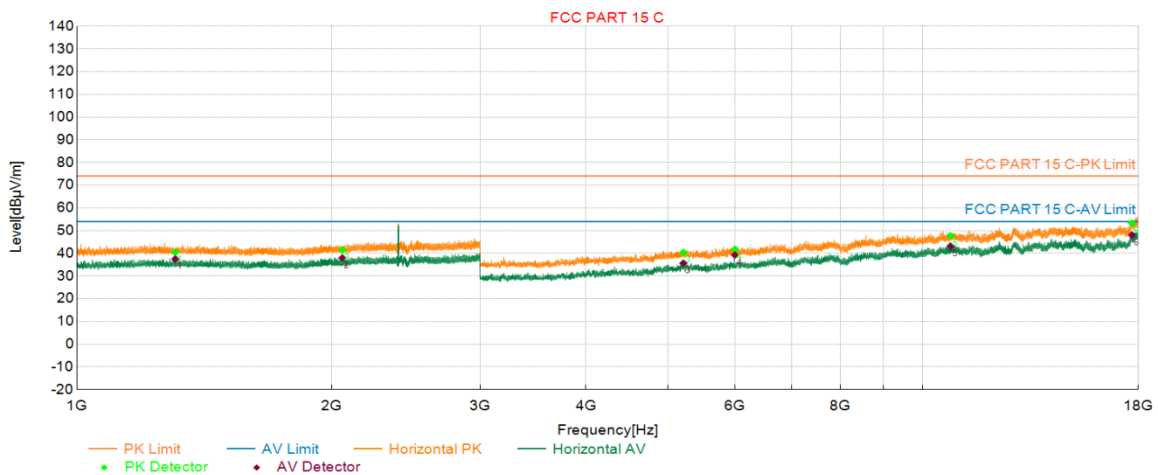
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLE1

Memo: Sample Number:S26041731-001



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1307.12	36.81	3.61	40.42	74.00	33.58	150	76	Horizontal
2	2060.15	35.40	6.09	41.49	74.00	32.51	150	358	Horizontal
3	5214.86	46.53	-6.08	40.45	74.00	33.55	150	85	Horizontal
4	6000.15	45.75	-3.96	41.79	74.00	32.21	150	55	Horizontal
5	10792.14	39.88	7.86	47.74	74.00	26.26	150	108	Horizontal
6	17684.98	35.40	17.91	53.31	74.00	20.69	150	350	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1307.12	33.89	3.61	37.50	54.00	16.50	150	76	Horizontal
2	2060.15	31.85	6.09	37.94	54.00	16.06	150	358	Horizontal
3	5214.86	41.71	-6.08	35.63	54.00	18.37	150	85	Horizontal
4	6000.15	43.24	-3.96	39.28	54.00	14.72	150	55	Horizontal
5	10792.14	35.31	7.86	43.17	54.00	10.83	150	108	Horizontal
6	17684.98	30.15	17.91	48.06	54.00	5.94	150	350	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbín

Test Mode: BLE_2M_2402

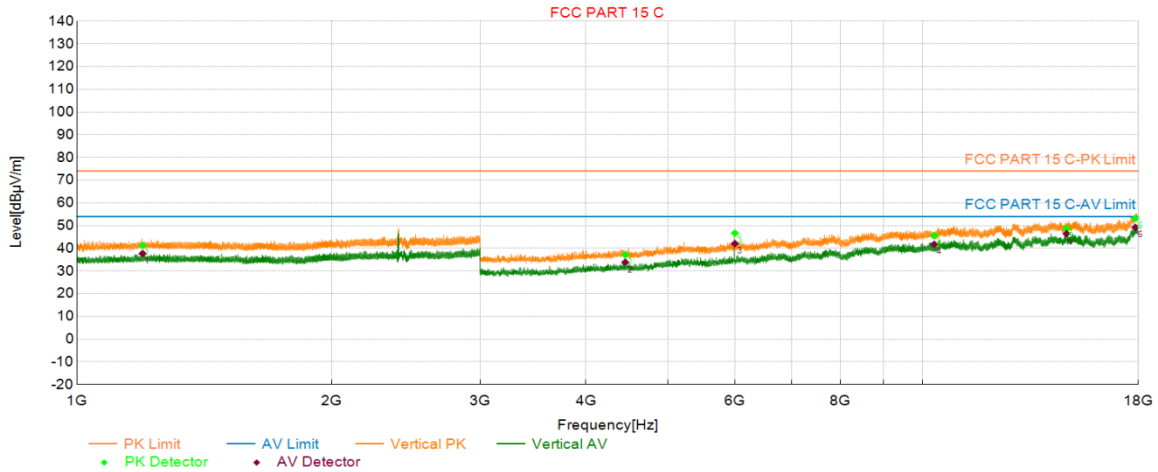
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\2

Memo: Sample Number:S26041731-001



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1195.81	37.87	3.36	41.23	74.00	32.77	150	198	Vertical
2	4451.32	46.64	-9.48	37.16	74.00	36.84	150	266	Vertical
3	6000.15	50.64	-3.96	46.68	74.00	27.32	150	48	Vertical
4	10324.87	39.17	6.45	45.62	74.00	28.38	150	258	Vertical
5	14804.84	34.31	14.50	48.81	74.00	25.19	150	187	Vertical
6	17855.24	34.68	18.48	53.16	74.00	20.84	150	103	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1195.81	34.32	3.36	37.68	54.00	16.32	150	198	Vertical
2	4451.32	43.33	-9.48	33.85	54.00	20.15	150	266	Vertical
3	6000.15	46.03	-3.96	42.07	54.00	11.93	150	48	Vertical
4	10324.87	35.3	6.45	41.75	54.00	12.25	150	258	Vertical
5	14804.84	31.97	14.50	46.47	54.00	7.53	150	187	Vertical
6	17855.24	30.72	18.48	49.20	54.00	4.80	150	103	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbín

Test Mode: BLE_2M_2440

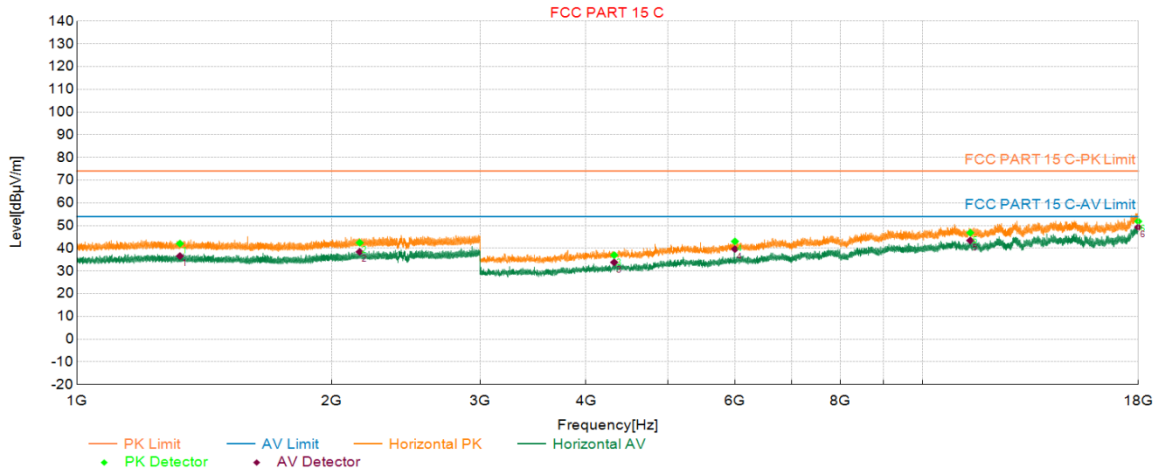
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\3

Memo: Sample Number:S26041731-001



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1323.82	38.37	3.73	42.10	74.00	31.90	150	0	Horizontal
2	2159.66	35.66	6.82	42.48	74.00	31.52	150	227	Horizontal
3	4318.57	47.00	-10.01	36.99	74.00	37.01	150	229	Horizontal
4	6000.15	47.01	-3.96	43.05	74.00	30.95	150	54	Horizontal
5	11389.17	38.56	8.31	46.87	74.00	27.13	150	124	Horizontal
6	17994.75	34.15	17.73	51.88	74.00	22.12	150	177	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1323.82	32.87	3.73	36.60	54.00	17.40	150	0	Horizontal
2	2159.66	31.65	6.82	38.47	54.00	15.53	150	227	Horizontal
3	4318.57	43.84	-10.01	33.83	54.00	20.17	150	229	Horizontal
4	6000.15	43.62	-3.96	39.66	54.00	14.34	150	54	Horizontal
5	11389.17	35.14	8.31	43.45	54.00	10.55	150	124	Horizontal
6	17994.75	31.55	17.73	49.28	54.00	4.72	150	177	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbin

Test Mode: BLE_2M_2440

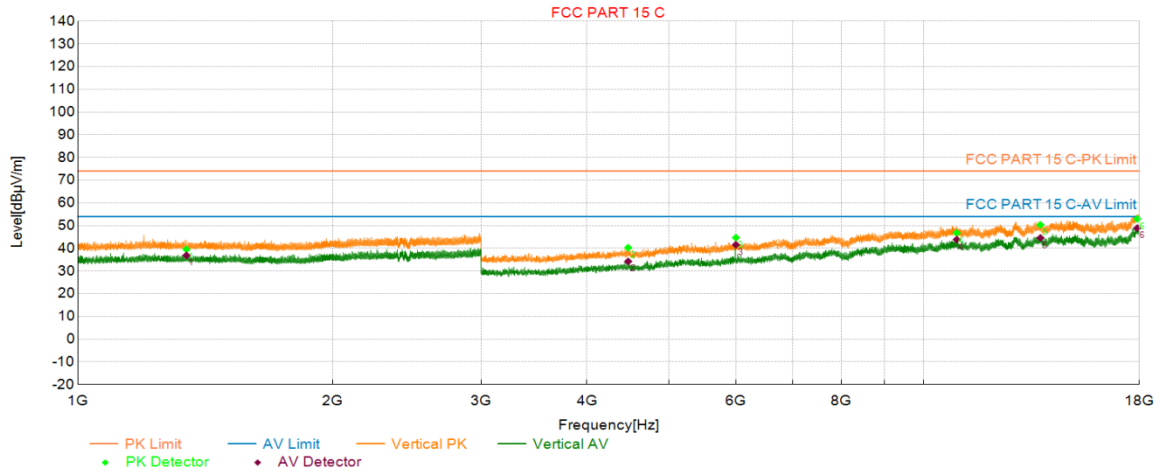
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLEV4

Memo: Sample Number:S26041731-001



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1343.82	35.66	3.89	39.55	74.00	34.45	150	350	Vertical
2	4474.57	49.72	-9.44	40.28	74.00	33.72	150	71	Vertical
3	6000.15	48.65	-3.96	44.69	74.00	29.31	150	48	Vertical
4	10946.65	38.70	8.08	46.78	74.00	27.22	150	40	Vertical
5	13750.29	37.84	12.51	50.35	74.00	23.65	150	2	Vertical
6	17900.25	34.33	18.65	52.98	74.00	21.02	150	10	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1343.82	32.98	3.89	36.87	54.00	17.13	150	350	Vertical
2	4474.57	43.67	-9.44	34.23	54.00	19.77	150	71	Vertical
3	6000.15	45.52	-3.96	41.56	54.00	12.44	150	48	Vertical
4	10946.65	35.77	8.08	43.85	54.00	10.15	150	40	Vertical
5	13750.29	32.08	12.51	44.59	54.00	9.41	150	2	Vertical
6	17900.25	30.27	18.65	48.92	54.00	5.08	150	10	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbin

Test Mode: BLE_2M_2480

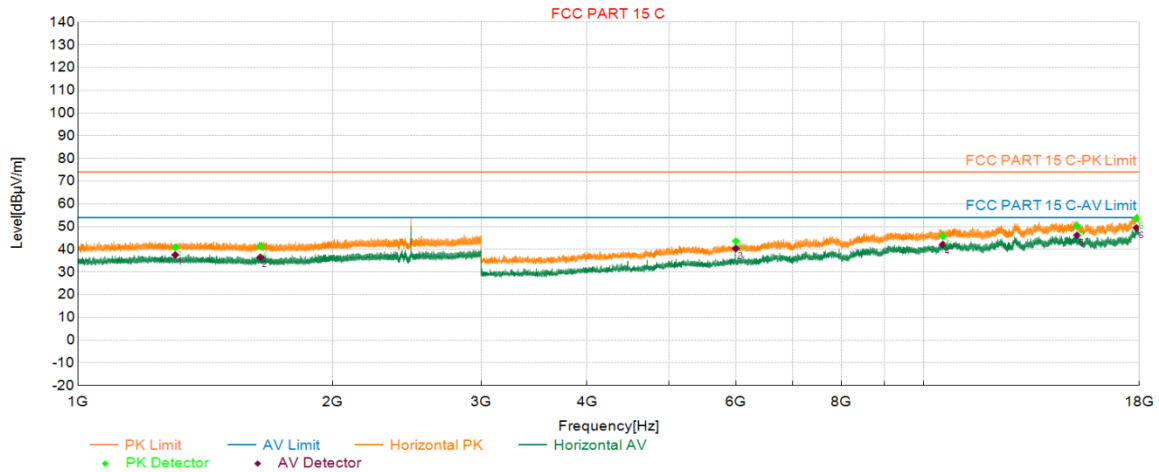
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\5

Memo: Sample Number:S26041731-001



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1303.52	37.31	3.57	40.88	74.00	33.12	150	42	Horizontal
2	1643.73	37.09	4.33	41.42	74.00	32.58	150	296	Horizontal
3	6000.15	47.58	-3.96	43.62	74.00	30.38	150	48	Horizontal
4	10541.63	38.07	7.68	45.75	74.00	28.25	150	208	Horizontal
5	15191.11	35.50	14.82	50.32	74.00	23.68	150	56	Horizontal
6	17857.49	35.17	18.48	53.65	74.00	20.35	150	200	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1303.52	33.98	3.57	37.55	54.00	16.45	150	42	Horizontal
2	1643.73	32.17	4.33	36.50	54.00	17.50	150	296	Horizontal
3	6000.15	44.33	-3.96	40.37	54.00	13.63	150	48	Horizontal
4	10541.63	34.43	7.68	42.11	54.00	11.89	150	208	Horizontal
5	15191.11	31.35	14.82	46.17	54.00	7.83	150	56	Horizontal
6	17857.49	30.97	18.48	49.45	54.00	4.55	150	200	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-25

Tested By: Li Xiongbin

Test Mode: BLE_2M_2480

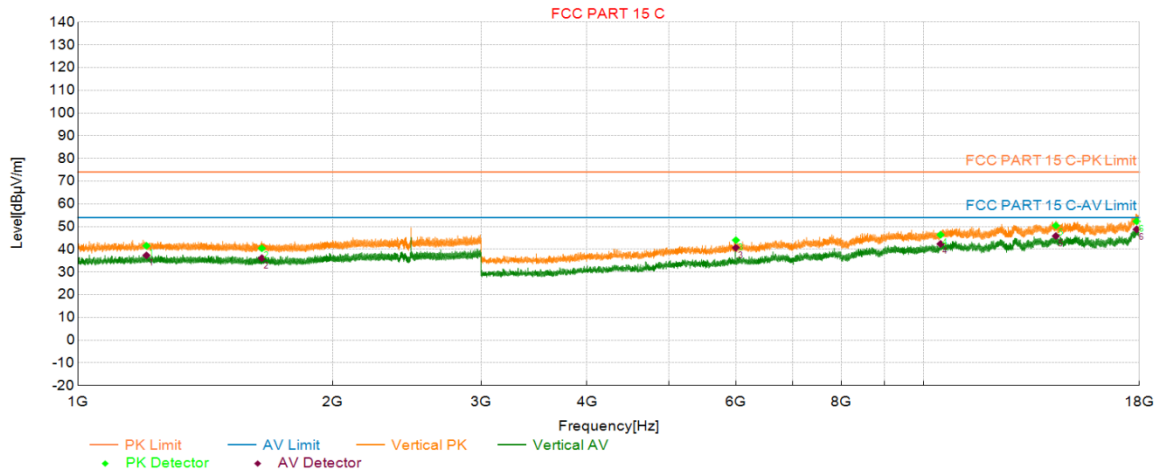
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\6

Memo: Sample Number:S26041731-001

**PK Final Data List**

NO.	Freq. (MHz)	PK Reading (dBμV/m)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1205.11	38.13	3.44	41.57	74.00	32.43	150	110	Vertical
2	1649.83	36.09	4.37	40.46	74.00	33.54	150	80	Vertical
3	6000.15	48.00	-3.96	44.04	74.00	29.96	150	56	Vertical
4	10475.62	39.21	7.20	46.41	74.00	27.59	150	5	Vertical
5	14340.57	36.97	13.50	50.47	74.00	23.53	150	360	Vertical
6	17868.74	33.81	18.53	52.34	74.00	21.66	150	249	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBμV/m)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1205.11	33.91	3.44	37.35	54.00	16.65	150	110	Vertical
2	1649.83	31.75	4.37	36.12	54.00	17.88	150	80	Vertical
3	6000.15	44.66	-3.96	40.70	54.00	13.30	150	56	Vertical
4	10475.62	35.19	7.20	42.39	54.00	11.61	150	5	Vertical
5	14340.57	32.35	13.50	45.85	54.00	8.15	150	360	Vertical
6	17868.74	30.27	18.53	48.80	54.00	5.20	150	249	Vertical

Note:

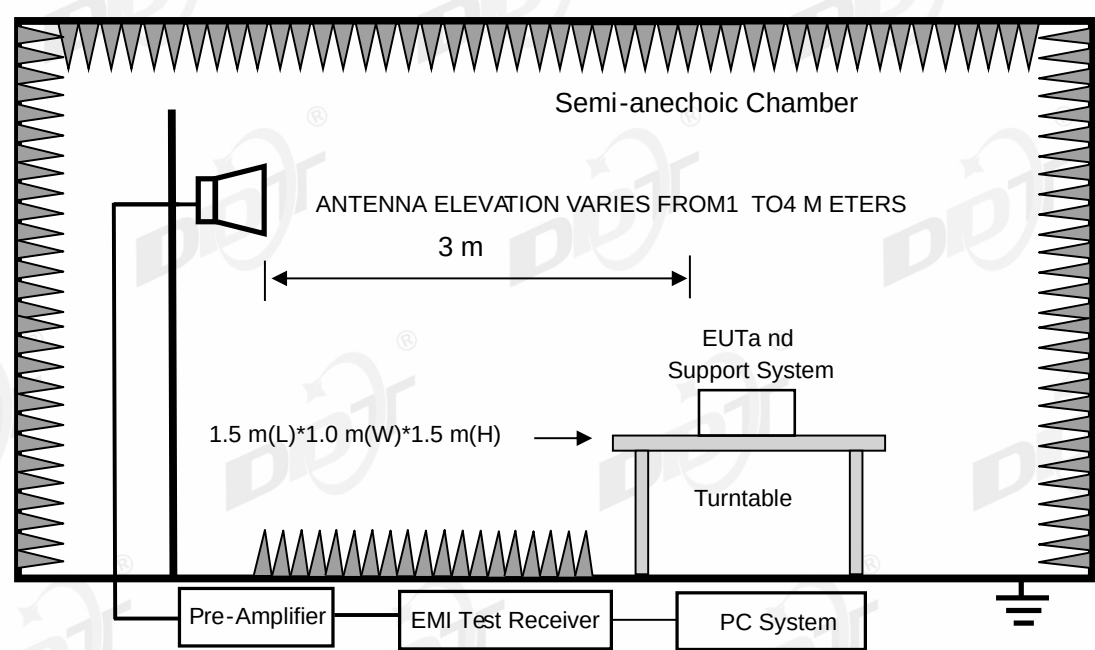
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

6. Band Edge Compliance

6.1. 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	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
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	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

6.2. Block diagram of test setup



6.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 limits, other emission should be at least 20 dB below the fundamental.

6.4. Assistant equipment used for test

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

6.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

6.6. Test result

PASS. (See below detailed test result)

6.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbin

Test Mode:

BLE_1M_2402

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

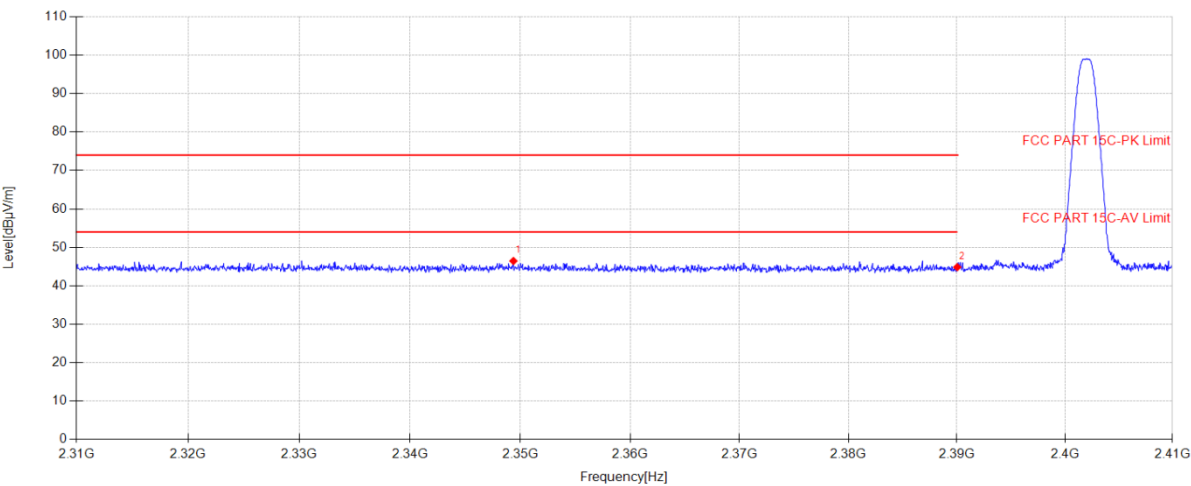
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\7

Memo:

Sample Number:S26041731-001



Suspected 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	2349.370	39.91	27.33	-20.78	0.00	46.46	74.00	27.54	PK	Horizontal
2	2390.040	38.31	27.30	-20.76	0.00	44.85	74.00	29.15	PK	Horizontal

Note:

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

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_1M_2402

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

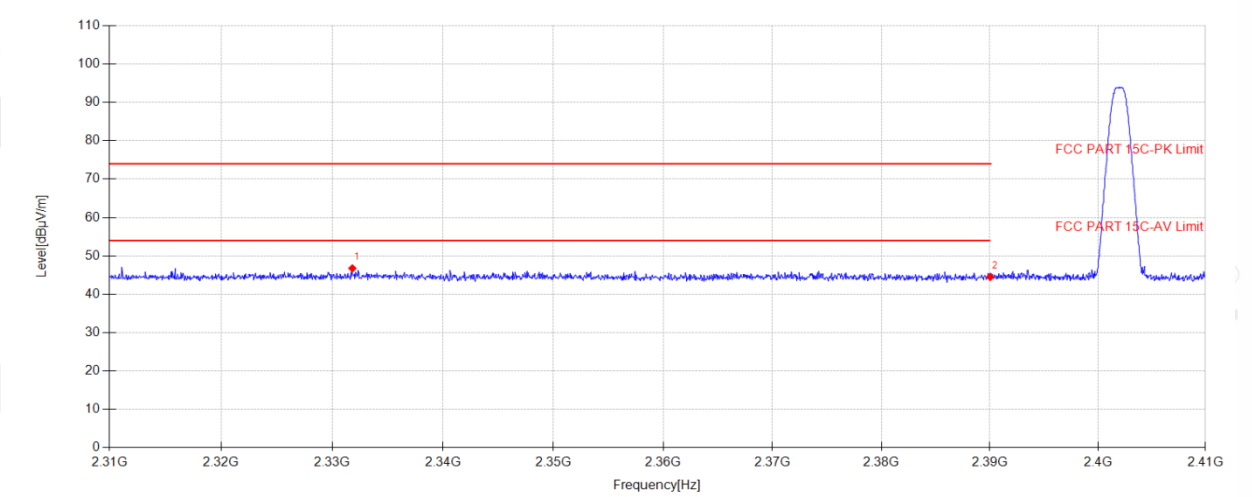
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\8

Memo:

Sample Number:S26041731-001



Suspected 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	2331.811	40.21	27.33	-20.78	0.00	46.76	74.00	27.24	PK	Vertical
2	2390.040	37.97	27.30	-20.76	0.00	44.51	74.00	29.49	PK	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_1M_2480

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

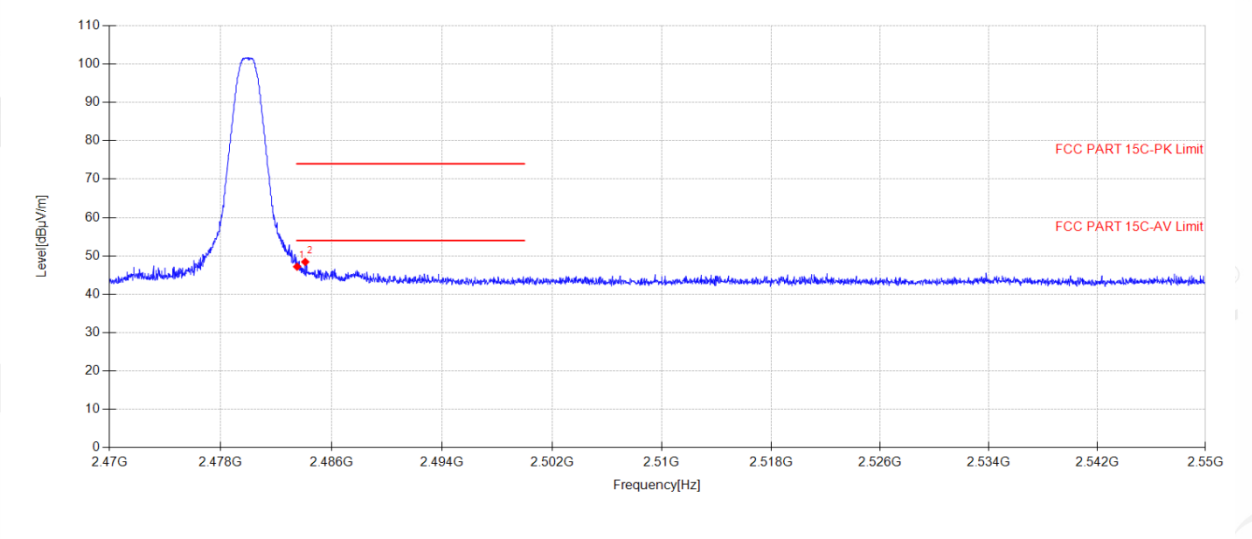
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\9

Memo:

Sample Number:S26041731-001



Suspected 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	2483.525	40.15	27.68	-20.64	0.00	47.19	74.00	26.81	PK	Horizontal
2	2484.111	41.39	27.68	-20.64	0.00	48.43	74.00	25.57	PK	Horizontal

Note:

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

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_1M_2480

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

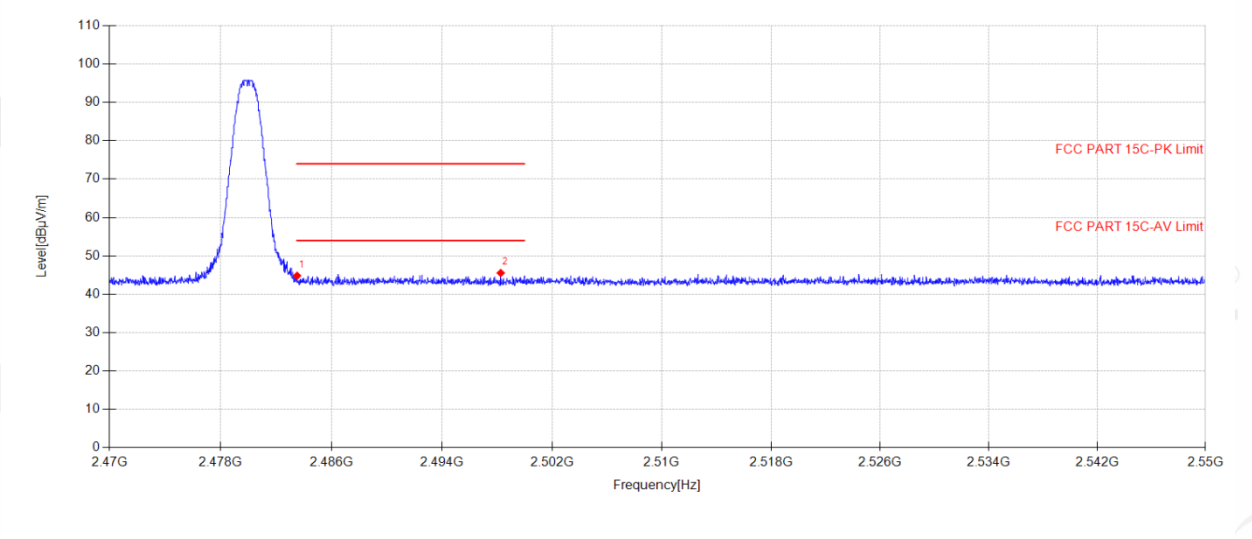
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\10

Memo:

Sample Number:S26041731-001



Suspected 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	2483.525	37.80	27.68	-20.64	0.00	44.84	74.00	29.16	PK	Vertical
2	2498.276	38.43	27.74	-20.62	0.00	45.55	74.00	28.45	PK	Vertical

Note:

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

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_2M_2402

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

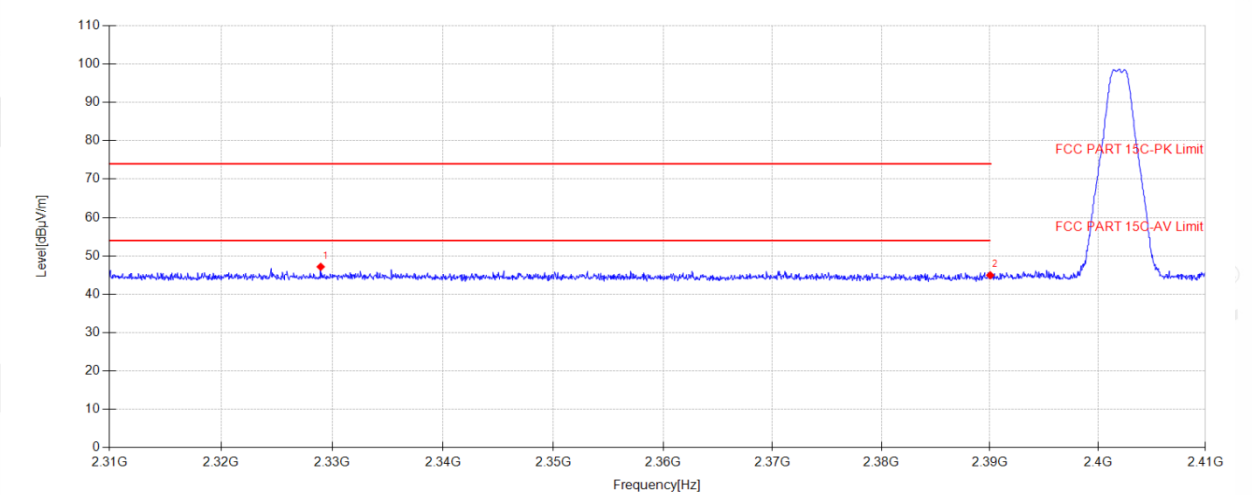
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\11

Memo:

Sample Number:S26041731-001



Suspected 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	2328.959	40.60	27.34	-20.78	0.00	47.16	74.00	26.84	PK	Horizontal
2	2390.040	38.42	27.30	-20.76	0.00	44.96	74.00	29.04	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_2M_2402

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

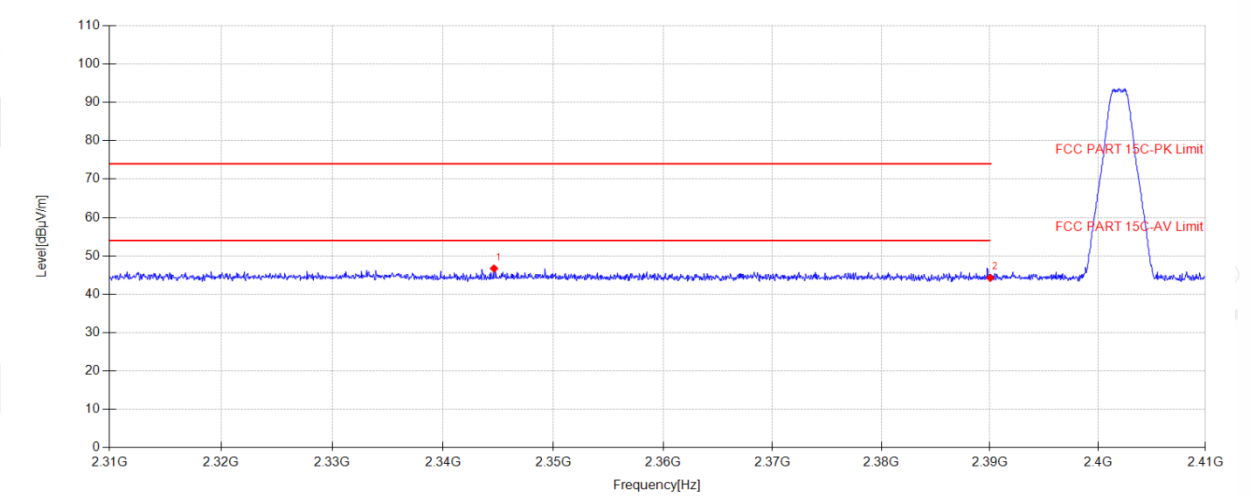
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\12

Memo:

Sample Number:S26041731-001



Suspected 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	2344.617	40.16	27.33	-20.78	0.00	46.71	74.00	27.29	PK	Vertical
2	2390.040	37.75	27.30	-20.76	0.00	44.29	74.00	29.71	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_2M_2480

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

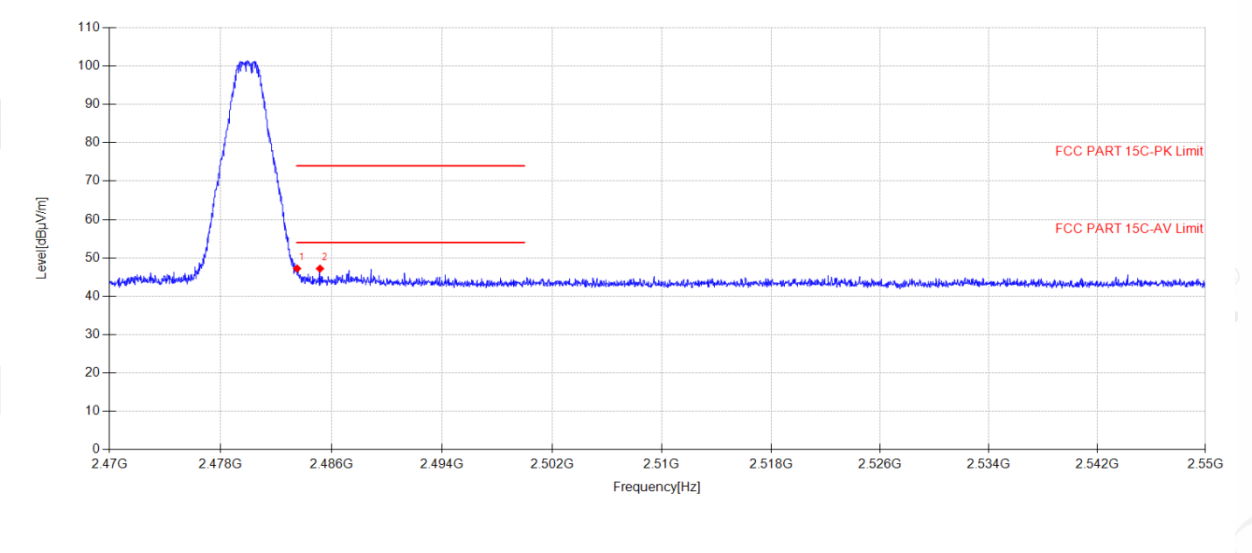
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\13

Memo:

Sample Number:S26041731-001



Suspected 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	2483.525	40.20	27.68	-20.64	0.00	47.24	74.00	26.76	PK	Horizontal
2	2485.178	40.16	27.68	-20.64	0.00	47.20	74.00	26.80	PK	Horizontal

Note:

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

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-25

Tested By:

Li Xiongbín

Test Mode:

BLE_2M_2480

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

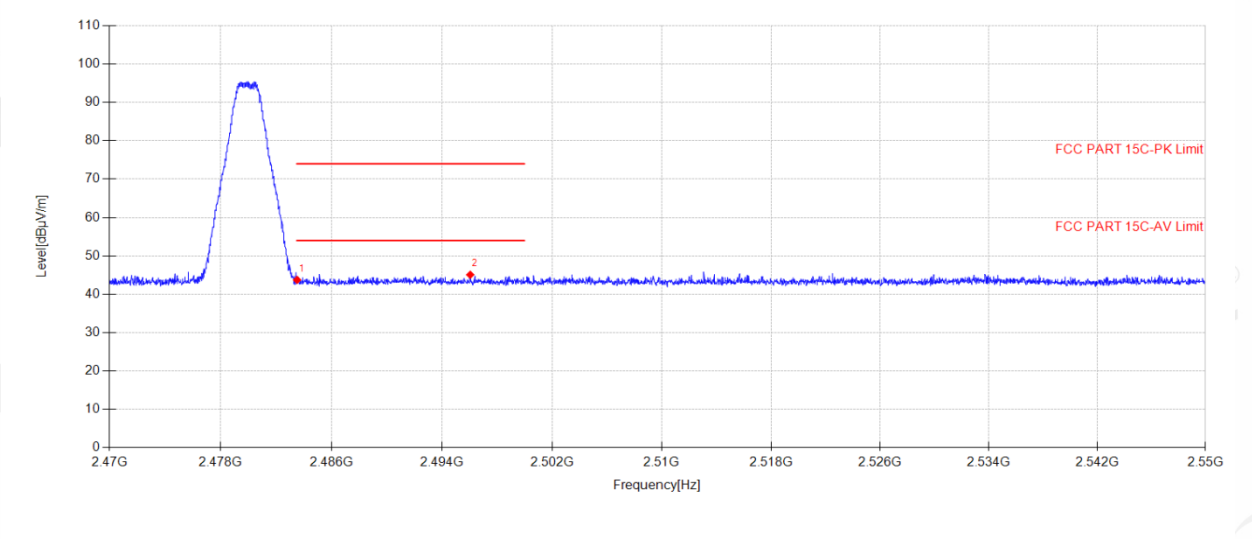
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G BLE\14

Memo:

Sample Number:S26041731-001



Suspected 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	2483.525	36.70	27.68	-20.64	0.00	43.74	74.00	30.26	PK	Vertical
2	2496.062	37.99	27.73	-20.63	0.00	45.09	74.00	28.91	PK	Vertical

Note:

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

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

8. Photos of the EUT

Please refer to DDT-Q26041731-1E appendix I

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