



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, 662911 D01 Multiple Transmitter Output v02r01 558074 D01 15.247 Meas Guidance v05r02
Report No.	:	DDT-RE26041731-1E03
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

REPORT

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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,
662911 D01 Multiple Transmitter Output v02r01
558074 D01 15.247 Meas Guidance v05r02

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-RE26041731-1E03		
Date of Receipt:	2026/02/24	Date of Test:	2026/02/24 - 2026/04/23

Created: Tiger Mo	Reviewed: Johnson Huang	Approved: Ella Gong
<i>Tiger Mo</i>	<i>Johnson Huang</i>	<i>Ella Gong</i>
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	Power Line Conducted Emissions	47 CFR Part 15 15.207(a)	/	N/A
8	Antenna Requirement	47 CFR Part 15 15.203	/	Pass

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-A1 from CVC Testing Technology (Shenzhen) Co., Ltd.

Note 3: This report add one 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 Type	: Steel sheet Antenna
Max Antenna Gain(dBi)	: Antenna 1, MAX. Gain: 4.10 dBi Antenna 2, MAX. Gain: 4.10 dBi Directional Gain= $10\log 2 + 4.10 = 7.11$ dBi

Radio Technology	: IEEE 802.11b/g/n
Operation frequency	: IEEE 802.11b: 2412MHz to 2462MHz IEEE 802.11g: 2412MHz to 2462MHz IEEE 802.11n HT20: 2412MHz to 2462MHz IEEE 802.11n HT40: 2422MHz to 2452MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)

Channel information					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447	/	/

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: MPTool.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, Data rate, Channel, and Frequency					
Tested mode	Tx Power Setting		Data rate (Mbps) (see Note)	Test Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11b	65	65	1	LCH: CH1	2412
	65	65	1	MCH: CH6	2437
	65	65	1	HCH: CH11	2462
IEEE 802.11g	30	30	6	LCH: CH1	2412
	30	30	6	MCH: CH6	2437
	30	30	6	HCH: CH11	2462
IEEE 802.11n HT20	30	30	MCS 8	LCH: CH1	2412
	30	30	MCS 8	MCH: CH6	2437
	30	30	MCS 8	HCH: CH11	2462
IEEE 802.11n HT40	30	30	MCS 8	LCH: CH3	2422
	30	30	MCS 8	MCH: CH6	2437
	30	30	MCS 8	HCH: CH9	2452
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.					

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

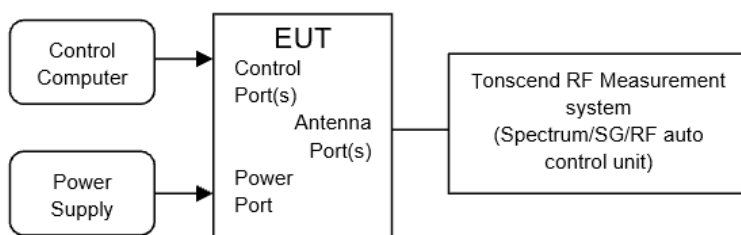
VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	1.9%
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. Conducted 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 6 dBi 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.

3.3. Test procedure

- (1) The test according to ANSI C63.10 clause 11.9.2.3.
- (2) Connect EUT's antenna output to RF power meter 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, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
- (4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- (5) Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.
- (6) Record the RF average power of each antenna port.

3.4. Test result average

Test Mode	Antenna	Frequency (MHz)	Conducted Peak Power (dBm)	Limit (dBm)	Gain (dBi)	EIRP (dBm)	Verdict
11B-CDD	Ant1	2412	14.22	≤30.00	4.10	18.32	PASS
11B-CDD	Ant2	2412	10.22	≤30.00	4.10	14.32	PASS
11B-CDD	total	2412	15.68	≤28.89	7.11	22.79	PASS
11B-CDD	Ant1	2437	13.99	≤30.00	4.10	18.09	PASS
11B-CDD	Ant2	2437	10.21	≤30.00	4.10	14.31	PASS
11B-CDD	total	2437	15.51	≤28.89	7.11	22.62	PASS
11B-CDD	Ant1	2462	14.55	≤30.00	4.10	18.65	PASS
11B-CDD	Ant2	2462	9.93	≤30.00	4.10	14.03	PASS
11B-CDD	total	2462	15.84	≤28.89	7.11	22.95	PASS
11G-CDD	Ant1	2412	13.86	≤30.00	4.10	17.96	PASS
11G-CDD	Ant2	2412	11.25	≤30.00	4.10	15.35	PASS
11G-CDD	total	2412	15.76	≤28.89	7.11	22.87	PASS
11G-CDD	Ant1	2437	13.41	≤30.00	4.10	17.51	PASS
11G-CDD	Ant2	2437	10.91	≤30.00	4.10	15.01	PASS
11G-CDD	total	2437	15.35	≤28.89	7.11	22.46	PASS
11G-CDD	Ant1	2462	13.57	≤30.00	4.10	17.67	PASS
11G-CDD	Ant2	2462	10.65	≤30.00	4.10	14.75	PASS
11G-CDD	total	2462	15.36	≤28.89	7.11	22.47	PASS
11N20MIMO	Ant1	2412	13.72	≤30.00	4.10	17.82	PASS
11N20MIMO	Ant2	2412	10.67	≤30.00	4.10	14.77	PASS
11N20MIMO	total	2412	15.47	≤28.89	7.11	22.58	PASS
11N20MIMO	Ant1	2437	13.54	≤30.00	4.10	17.64	PASS
11N20MIMO	Ant2	2437	10.54	≤30.00	4.10	14.64	PASS
11N20MIMO	total	2437	15.30	≤28.89	7.11	22.41	PASS
11N20MIMO	Ant1	2462	13.4	≤30.00	4.10	17.50	PASS
11N20MIMO	Ant2	2462	10.18	≤30.00	4.10	14.28	PASS
11N20MIMO	total	2462	15.09	≤28.89	7.11	22.20	PASS
11N40MIMO	Ant1	2422	13.87	≤30.00	4.10	17.97	PASS
11N40MIMO	Ant2	2422	10.99	≤30.00	4.10	15.09	PASS
11N40MIMO	total	2422	15.67	≤28.89	7.11	22.78	PASS
11N40MIMO	Ant1	2437	13.28	≤30.00	4.10	17.38	PASS
11N40MIMO	Ant2	2437	10.35	≤30.00	4.10	14.45	PASS
11N40MIMO	total	2437	15.07	≤28.89	7.11	22.18	PASS
11N40MIMO	Ant1	2452	13.34	≤30.00	4.10	17.44	PASS
11N40MIMO	Ant2	2452	10.10	≤30.00	4.10	14.20	PASS
11N40MIMO	total	2452	15.03	≤28.89	7.11	22.14	PASS

Note1: The Conducted Power reference report "FCCSZ2024-0030-RF1-A1".

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

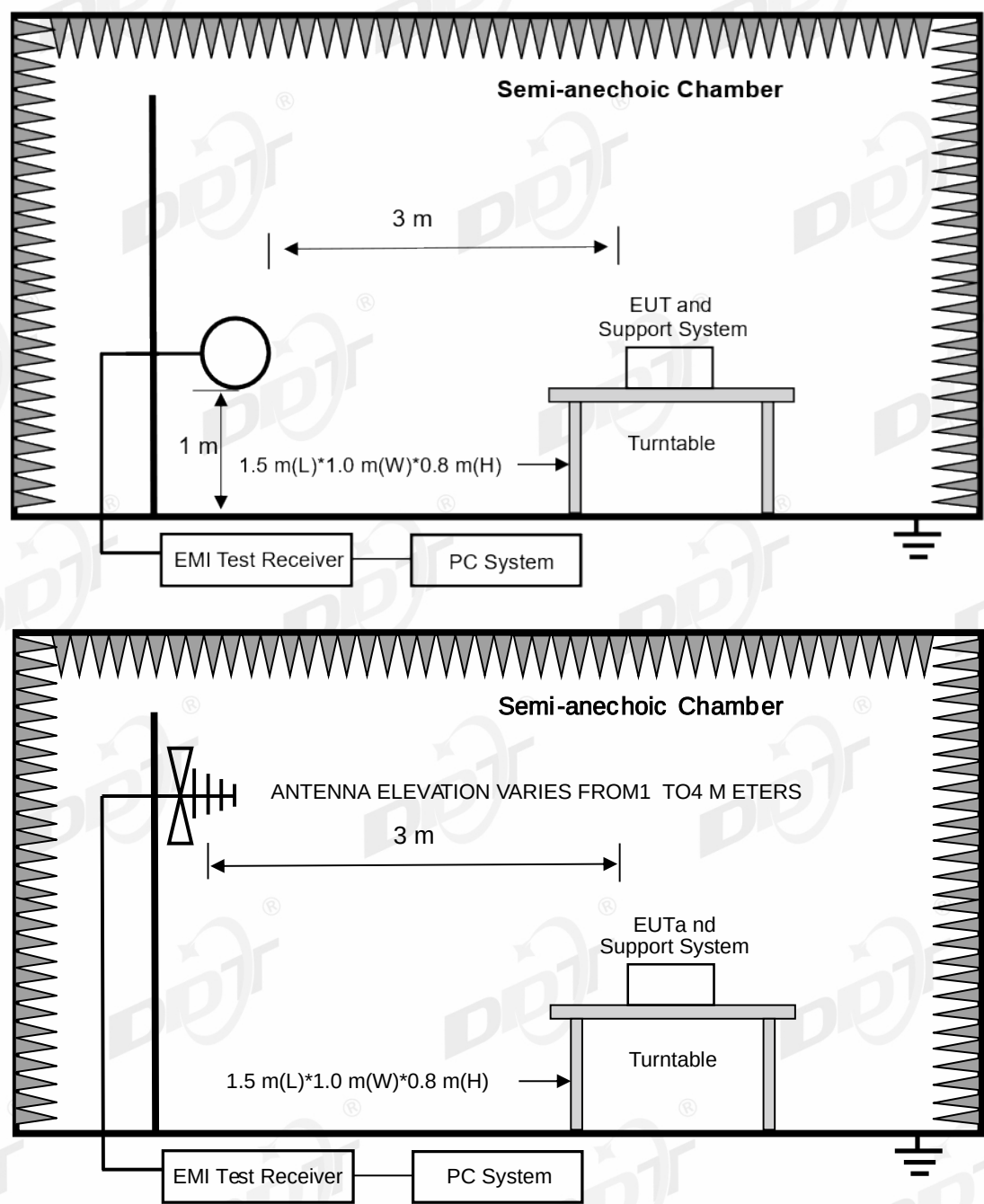
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

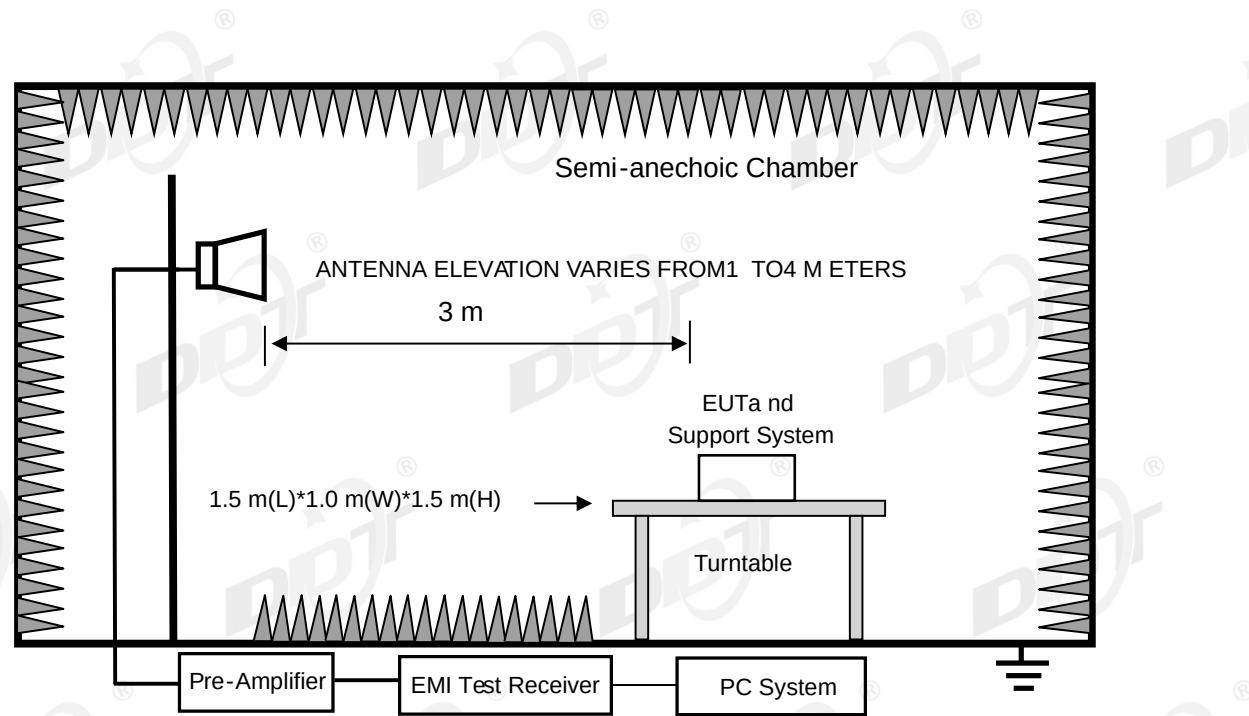
5. Radiated Emission

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 MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		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 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 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 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) 30 MHz ~ 25 GHz: (Scan with all mode, the worst case is record and report)

(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 the worst mode.

(12) The worst simultaneous case and was recorded.

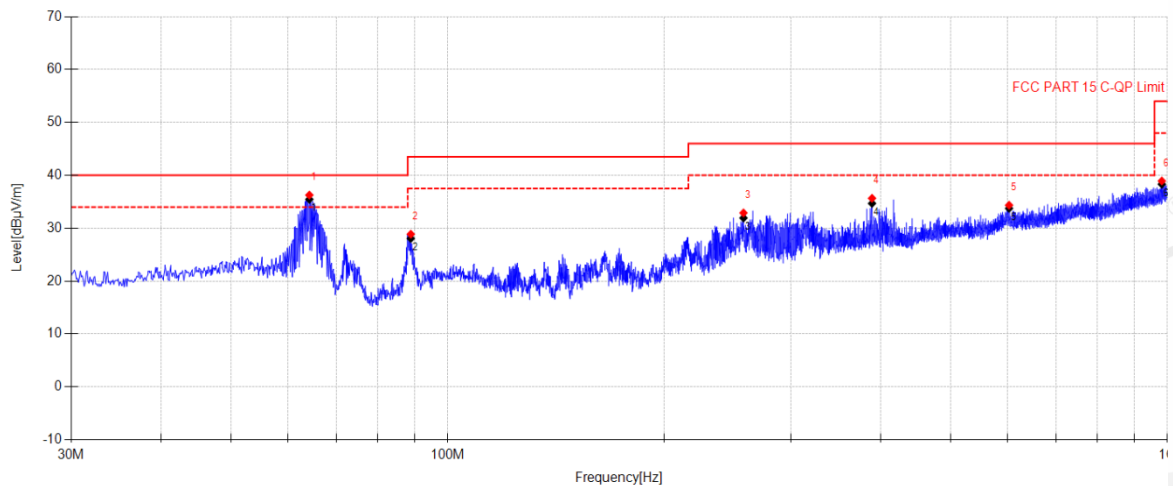
5.6. Test result

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: 11N20_MIMO_2412 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\5
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	64.244	17.28	17.28	1.70	0.00	36.26	40.00	3.74	PK	Horizontal
2	88.885	11.62	15.37	1.87	0.00	28.86	43.50	14.64	PK	Horizontal
3	257.68	11.34	18.69	2.86	0.00	32.89	46.00	13.11	PK	Horizontal
4	388.74	10.60	21.44	3.61	0.00	35.65	46.00	10.35	PK	Horizontal
5	602.64	4.56	25.30	4.49	0.00	34.35	46.00	11.65	PK	Horizontal
6	982.53	4.06	28.40	6.46	0.00	38.92	54.00	15.08	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	64.244	16.47	17.28	1.70	35.45	40.00	4.55	QP	Horizontal
2	88.885	10.81	15.37	1.87	28.05	43.50	15.45	QP	Horizontal
3	257.682	10.37	18.69	2.86	31.92	46.00	14.08	QP	Horizontal
4	388.742	9.63	21.44	3.61	34.68	46.00	11.32	QP	Horizontal
5	602.648	3.95	25.30	4.49	33.74	46.00	12.26	QP	Horizontal
6	982.538	3.45	28.40	6.46	38.31	54.00	15.69	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:

11N20_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

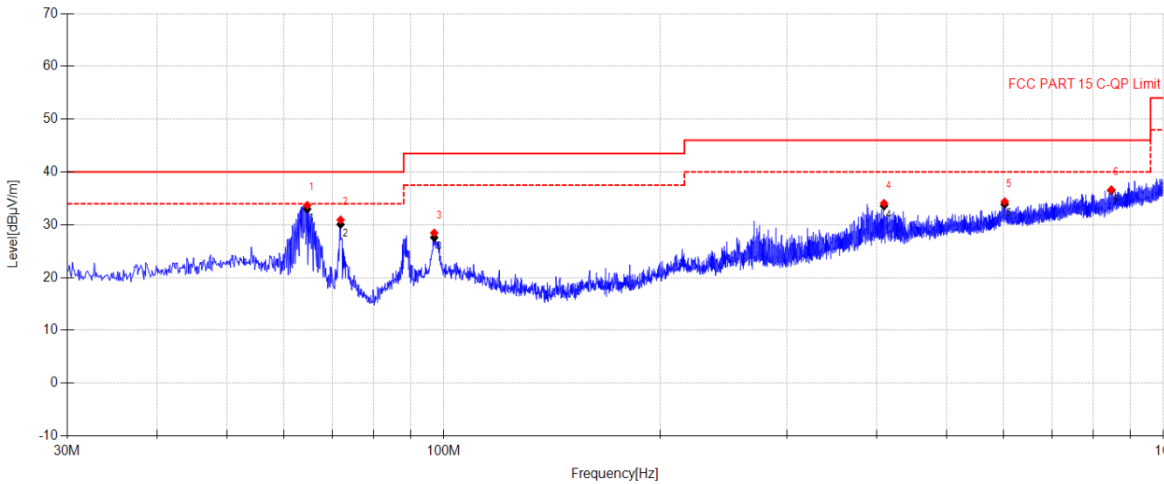
DDT 3# Chamber

File Path:

d:\ts\2026 report date\Q26041731\FCC Below 1G\6

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	64.632	14.83	17.16	1.70	0.00	33.69	40.00	6.31	PK	Vertical
2	71.908	14.19	14.97	1.76	0.00	30.92	40.00	9.08	PK	Vertical
3	97.034	9.17	17.18	2.09	0.00	28.44	43.50	15.06	PK	Vertical
4	409.21	8.50	21.69	3.87	0.00	34.06	46.00	11.94	PK	Vertical
5	601.96	4.59	25.30	4.49	0.00	34.38	46.00	11.62	PK	Vertical
6	846.62	3.86	27.37	5.40	0.00	36.63	46.00	9.37	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	64.632	14.12	17.16	1.70	32.98	40.00	7.02	QP	Vertical
2	71.908	13.32	14.97	1.76	30.05	40.00	9.95	QP	Vertical
3	97.034	8.3	17.18	2.09	27.57	43.50	15.93	QP	Vertical
4	409.211	7.99	21.69	3.87	33.55	46.00	12.45	QP	Vertical
5	601.969	4.08	25.30	4.49	33.87	46.00	12.13	QP	Vertical
6	846.628	3.71	27.37	5.40	36.48	46.00	9.52	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:

2026-02-24

Tested By:

Li Xiongbín

Test Mode: 11N20_MIMO_2412

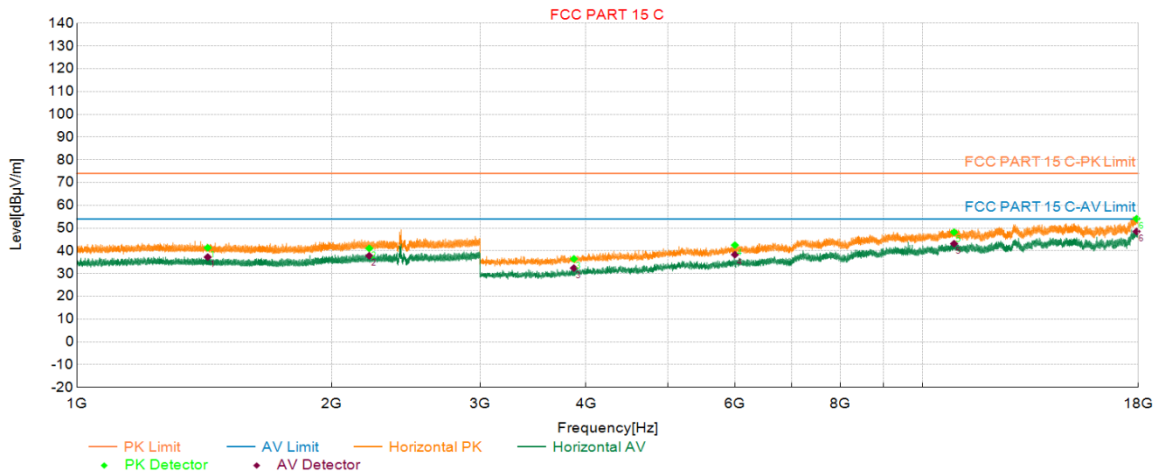
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\17

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	1427.82	37.36	4.01	41.37	74.00	32.63	150	359	Horizontal
2	2216.56	34.15	6.93	41.08	74.00	32.92	150	122	Horizontal
3	3870.04	48.54	-12.04	36.50	74.00	37.50	150	64	Horizontal
4	6000.15	46.49	-3.96	42.53	74.00	31.47	150	48	Horizontal
5	10897.89	39.93	8.29	48.22	74.00	25.78	150	343	Horizontal
6	17914.50	35.62	18.51	54.13	74.00	19.87	150	267	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	1427.82	33.24	4.01	37.25	54.00	16.75	150	359	Horizontal
2	2216.56	30.92	6.93	37.85	54.00	16.15	150	122	Horizontal
3	3870.04	44.45	-12.04	32.41	54.00	21.59	150	64	Horizontal
4	6000.15	42.3	-3.96	38.34	54.00	15.66	150	48	Horizontal
5	10897.89	34.86	8.29	43.15	54.00	10.85	150	343	Horizontal
6	17914.50	30.01	18.51	48.52	54.00	5.48	150	267	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: 2026-02-24

Tested By: Li Xiongbin

Test Mode: 11N20_MIMO_2412

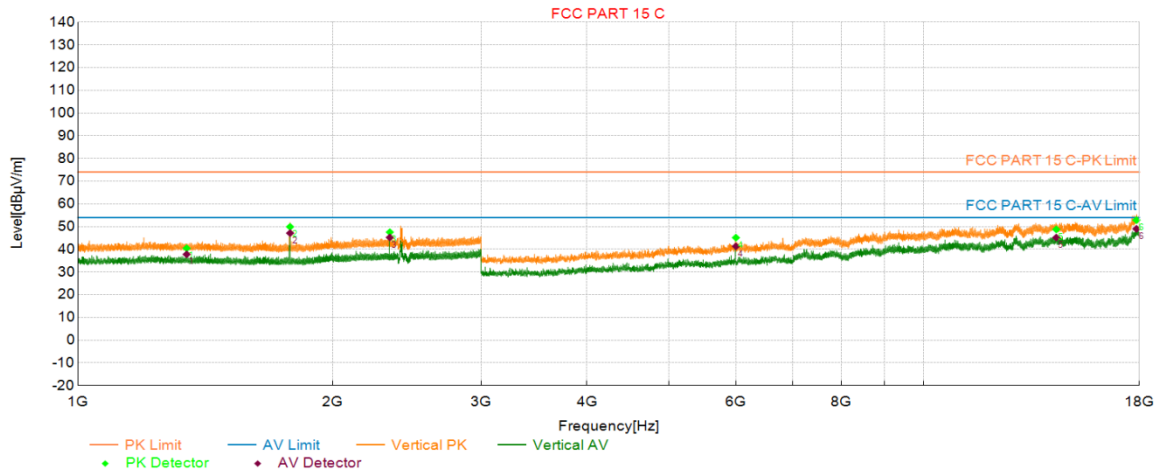
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\18

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	1344.52	36.56	3.90	40.46	74.00	33.54	150	61	Vertical
2	1782.04	45.67	4.25	49.92	74.00	24.08	150	77	Vertical
3	2338.07	40.39	7.18	47.57	74.00	26.43	150	84	Vertical
4	6000.15	49.10	-3.96	45.14	74.00	28.86	150	43	Vertical
5	14356.32	35.26	13.52	48.78	74.00	25.22	150	0	Vertical
6	17857.49	34.41	18.48	52.89	74.00	21.11	150	1	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	1344.52	33.9	3.90	37.80	54.00	16.20	150	61	Vertical
2	1782.04	42.89	4.25	47.14	54.00	6.86	150	77	Vertical
3	2338.07	38.05	7.18	45.23	54.00	8.77	150	84	Vertical
4	6000.15	45.28	-3.96	41.32	54.00	12.68	150	43	Vertical
5	14356.32	31.64	13.52	45.16	54.00	8.84	150	0	Vertical
6	17857.49	30.54	18.48	49.02	54.00	4.98	150	1	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: 2026-02-24

Tested By: Li Xiongbin

Test Mode: 11N20_MIMO_2437

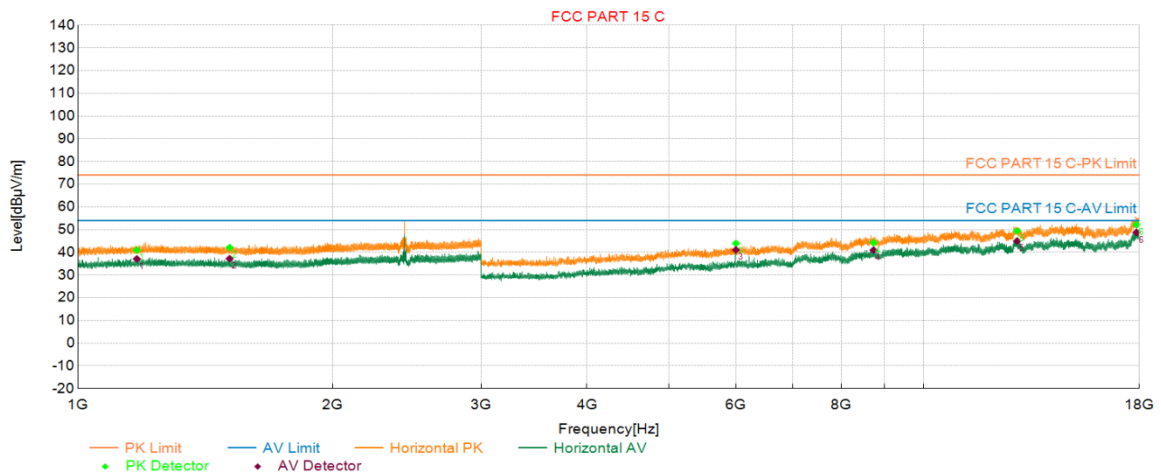
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\19

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	1174.01	38.00	3.03	41.03	74.00	32.97	150	55	Horizontal
2	1511.53	37.96	4.10	42.06	74.00	31.94	150	333	Horizontal
3	6000.15	47.90	-3.96	43.94	74.00	30.06	150	43	Horizontal
4	8728.79	39.84	4.40	44.24	74.00	29.76	150	349	Horizontal
5	12903.50	38.72	10.67	49.39	74.00	24.61	150	355	Horizontal
6	17861.24	33.68	18.51	52.19	74.00	21.81	150	162	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	1174.01	34.07	3.03	37.10	54.00	16.90	150	55	Horizontal
2	1511.53	33.09	4.10	37.19	54.00	16.81	150	333	Horizontal
3	6000.15	45.02	-3.96	41.06	54.00	12.94	150	43	Horizontal
4	8728.79	36.57	4.40	40.97	54.00	13.03	150	349	Horizontal
5	12903.50	34.31	10.67	44.98	54.00	9.02	150	355	Horizontal
6	17861.24	30.25	18.51	48.76	54.00	5.24	150	162	Horizontal

Note:

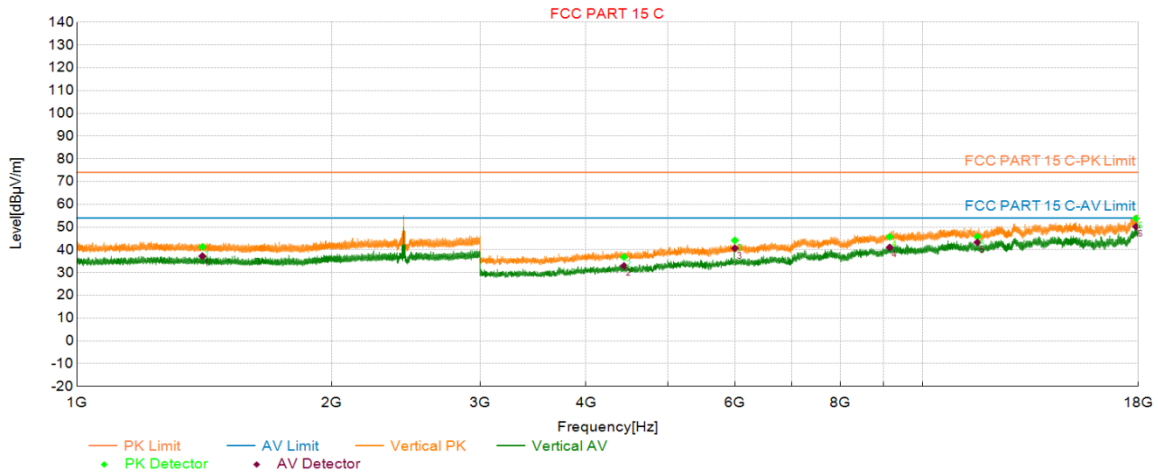
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-02-24 **Tested By:** Li Xiongbin
Test Mode: 11N20_MIMO_2437 **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 2.4G\20
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	1407.42	37.32	4.00	41.32	74.00	32.68	150	81	Vertical
2	4436.32	46.36	-9.50	36.86	74.00	37.14	150	205	Vertical
3	6000.15	48.14	-3.96	44.18	74.00	29.82	150	150	Vertical
4	9147.31	40.70	5.03	45.73	74.00	28.27	150	43	Vertical
5	11615.68	38.19	7.62	45.81	74.00	28.19	150	172	Vertical
6	17891.99	35.20	18.62	53.82	74.00	20.18	150	326	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	1407.42	33.24	4.00	37.24	54.00	16.76	150	81	Vertical
2	4436.32	42.42	-9.50	32.92	54.00	21.08	150	205	Vertical
3	6000.15	44.64	-3.96	40.68	54.00	13.32	150	150	Vertical
4	9147.31	36.03	5.03	41.06	54.00	12.94	150	43	Vertical
5	11615.68	35.68	7.62	43.30	54.00	10.70	150	172	Vertical
6	17891.99	31.58	18.62	50.20	54.00	3.80	150	326	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: 2026-02-24

Tested By: Li Xiongbin

Test Mode: 11N20_MIMO_2462

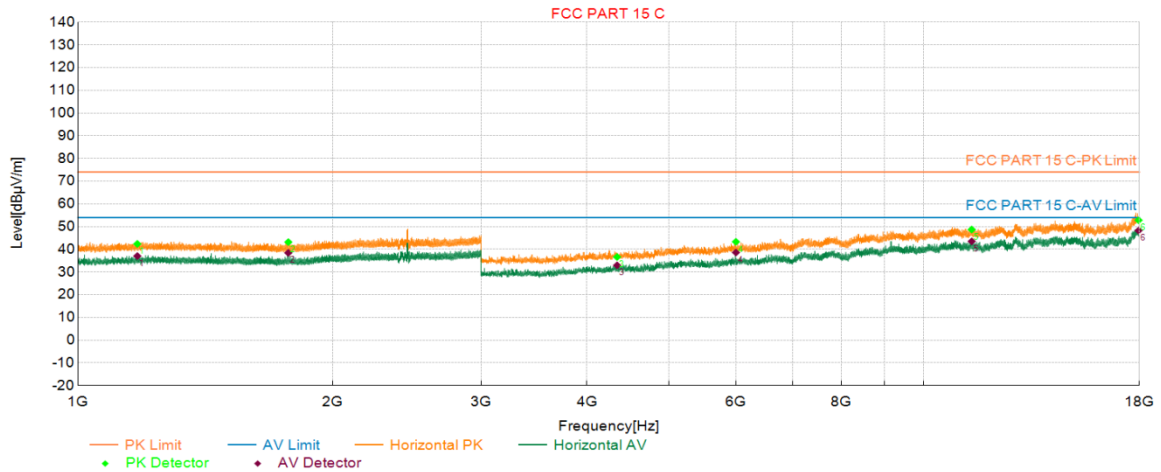
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\21

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	1175.51	39.33	3.05	42.38	74.00	31.62	150	282	Horizontal
2	1773.44	38.97	4.22	43.19	74.00	30.81	150	31	Horizontal
3	4341.82	46.51	-9.89	36.62	74.00	37.38	150	343	Horizontal
4	6000.15	47.27	-3.96	43.31	74.00	30.69	150	45	Horizontal
5	11403.42	40.32	8.40	48.72	74.00	25.28	150	97	Horizontal
6	17961.00	34.76	18.06	52.82	74.00	21.18	150	134	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	1175.51	33.99	3.05	37.04	54.00	16.96	150	282	Horizontal
2	1773.44	34.24	4.22	38.46	54.00	15.54	150	31	Horizontal
3	4341.82	42.83	-9.89	32.94	54.00	21.06	150	343	Horizontal
4	6000.15	42.57	-3.96	38.61	54.00	15.39	150	45	Horizontal
5	11403.42	35.12	8.40	43.52	54.00	10.48	150	97	Horizontal
6	17961.00	30.23	18.06	48.29	54.00	5.71	150	134	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: 2026-02-24

Tested By: Li Xiongbin

Test Mode: 11N20_MIMO_2462

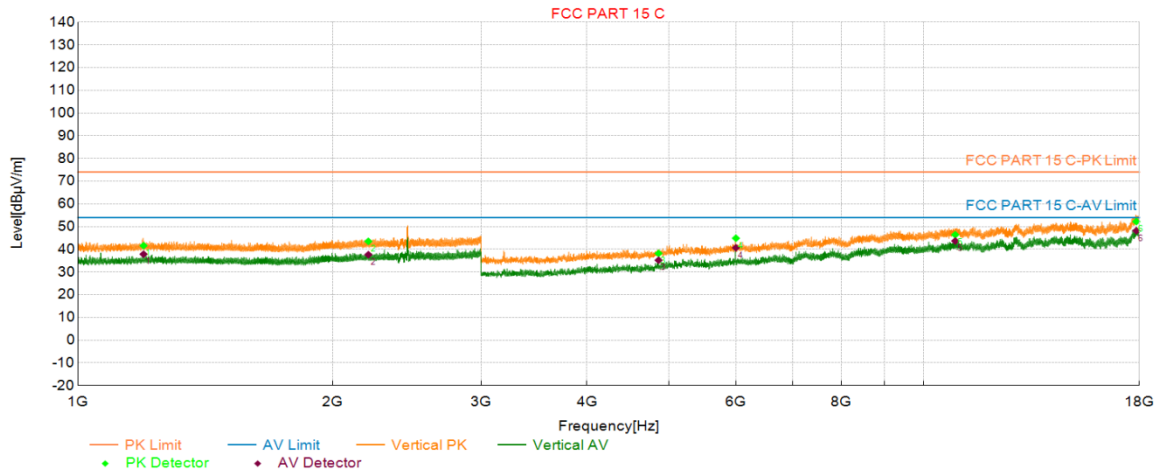
Power Supply: DC 3.3V

Condition: Temp:22.7°C;Humi:55.8%

Test Site: DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\22

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	1195.71	38.26	3.36	41.62	74.00	32.38	150	62	Vertical
2	2205.26	36.60	6.91	43.51	74.00	30.49	150	2	Vertical
3	4860.84	46.01	-7.79	38.22	74.00	35.78	150	344	Vertical
4	6000.15	48.86	-3.96	44.90	74.00	29.10	150	45	Vertical
5	10903.15	38.12	8.29	46.41	74.00	27.59	150	62	Vertical
6	17853.74	33.76	18.47	52.23	74.00	21.77	150	121	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	1195.71	34.51	3.36	37.87	54.00	16.13	150	62	Vertical
2	2205.26	30.73	6.91	37.64	54.00	16.36	150	2	Vertical
3	4860.84	42.99	-7.79	35.20	54.00	18.80	150	344	Vertical
4	6000.15	44.65	-3.96	40.69	54.00	13.31	150	45	Vertical
5	10903.15	35.38	8.29	43.67	54.00	10.33	150	62	Vertical
6	17853.74	29.71	18.47	48.18	54.00	5.82	150	121	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.

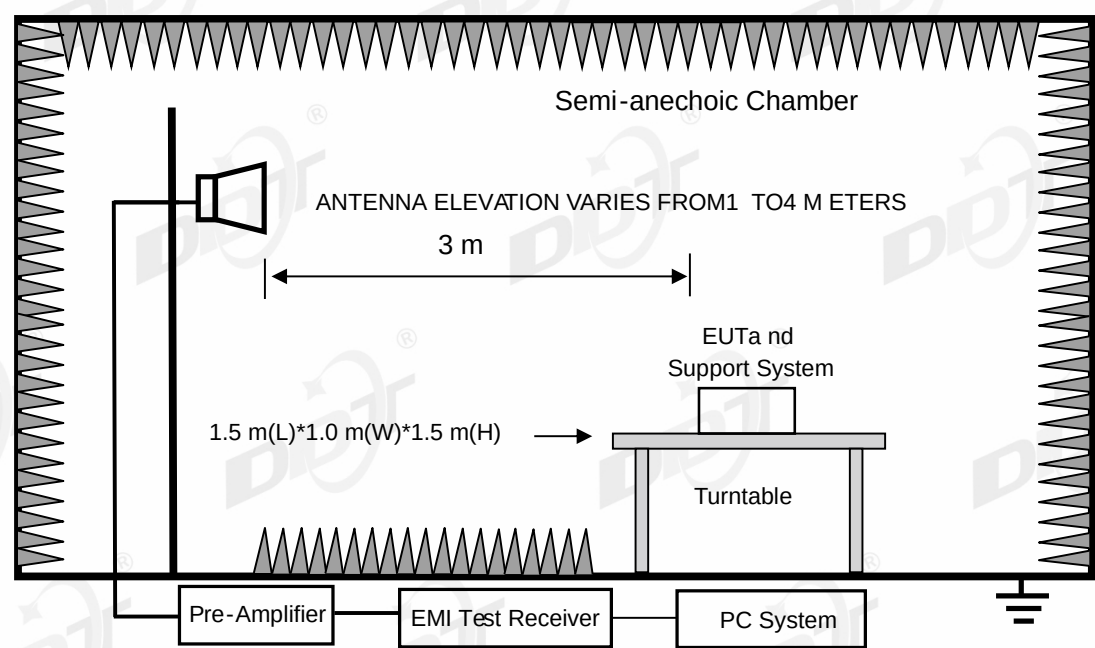
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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 Xiongbín

Test Mode:

11B_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

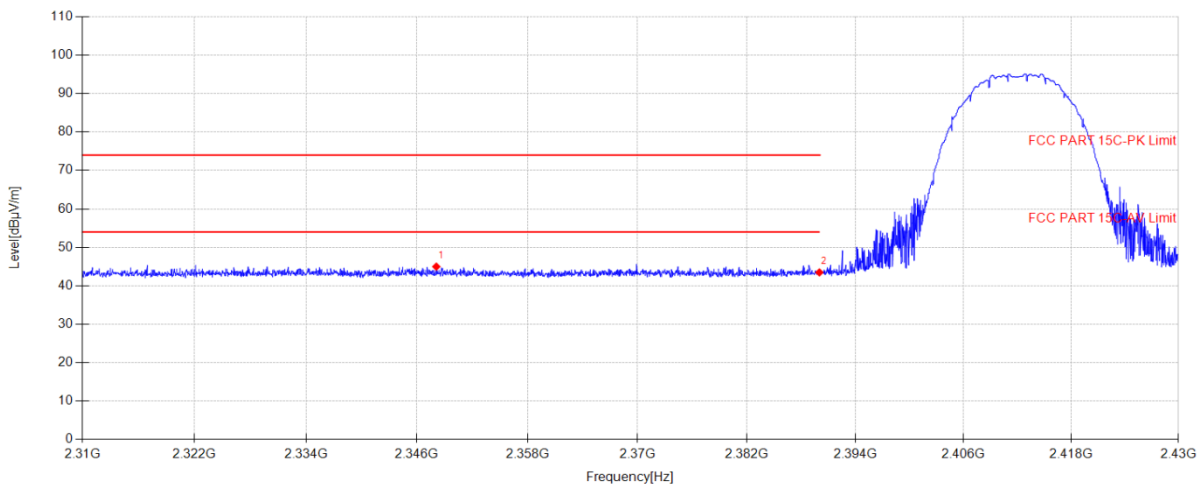
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\1

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	2348.093	38.44	27.33	-20.78	0.00	44.99	74.00	29.01	PK	Horizontal
2	2390.027	36.95	27.30	-20.76	0.00	43.49	74.00	30.51	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:

11B_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

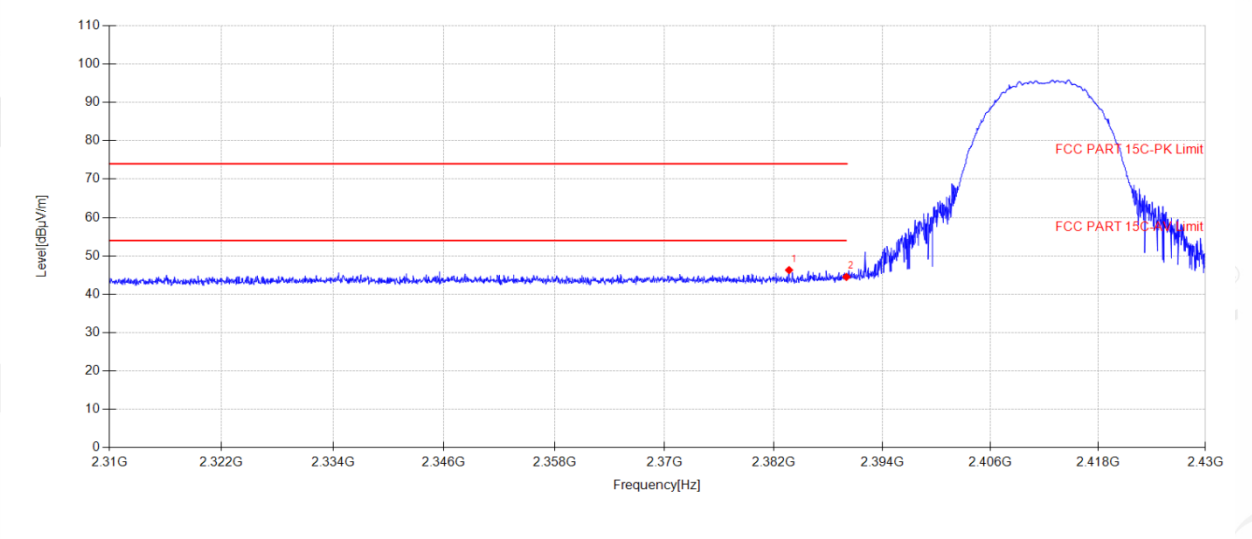
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\2

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	2383.705	39.75	27.31	-20.76	0.00	46.30	74.00	27.70	PK	Vertical
2	2390.027	37.98	27.30	-20.76	0.00	44.52	74.00	29.48	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:

11B_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

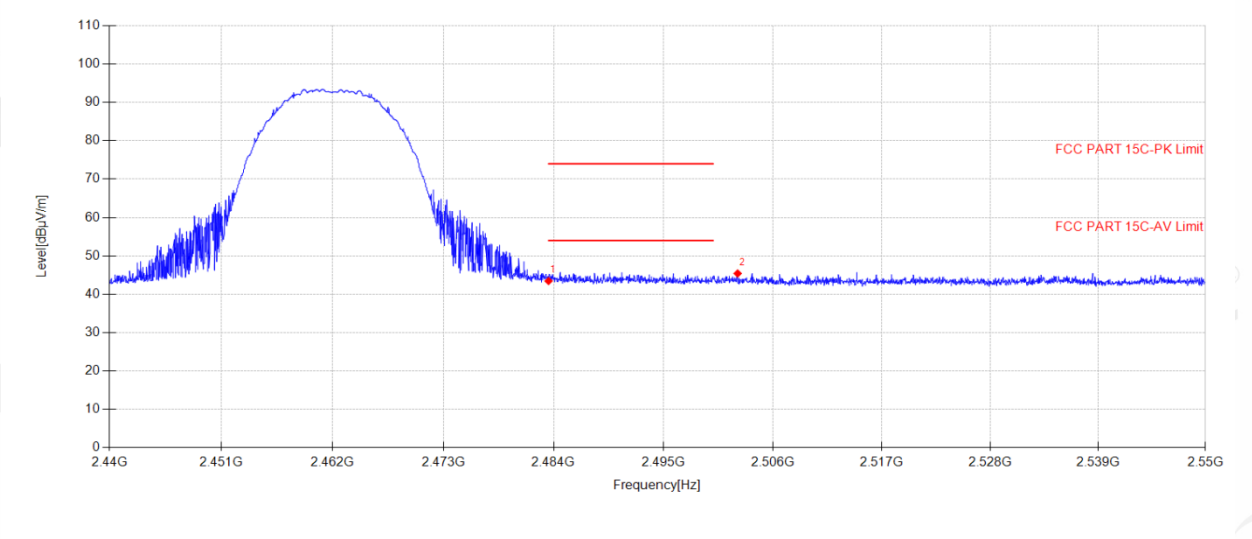
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\3

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	2483.501	36.41	27.68	-20.64	0.00	43.45	74.00	30.55	PK	Horizontal
2	2502.464	38.28	27.76	-20.62	0.00	45.42	-	-	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:

11B_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

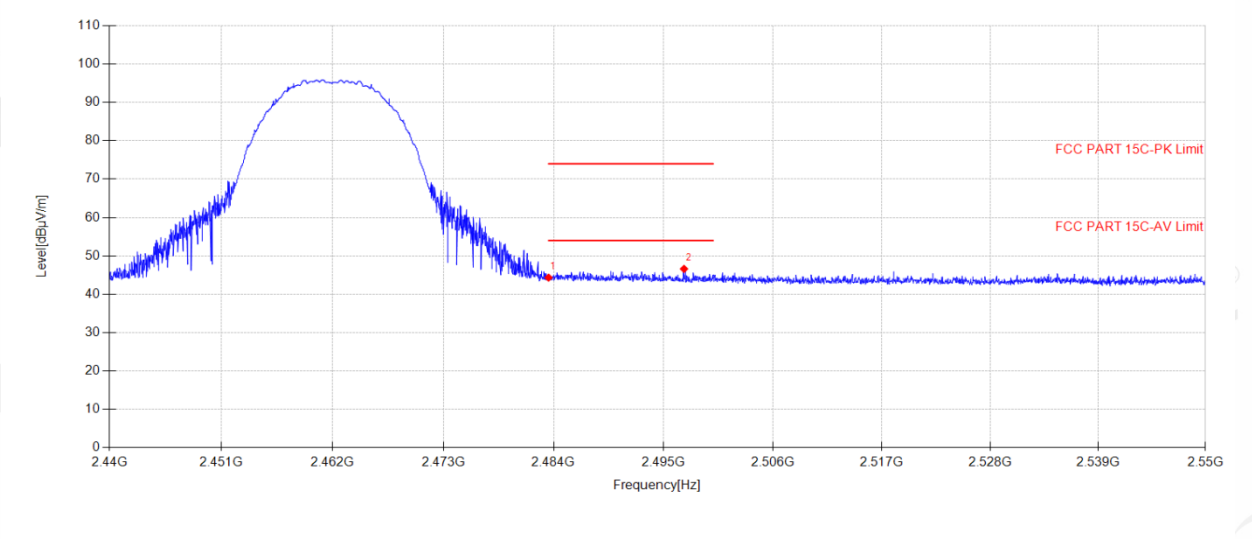
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2483.501	37.30	27.68	-20.64	0.00	44.34	74.00	29.66	PK	Vertical
2	2497.072	39.49	27.74	-20.62	0.00	46.61	74.00	27.39	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:

11G_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

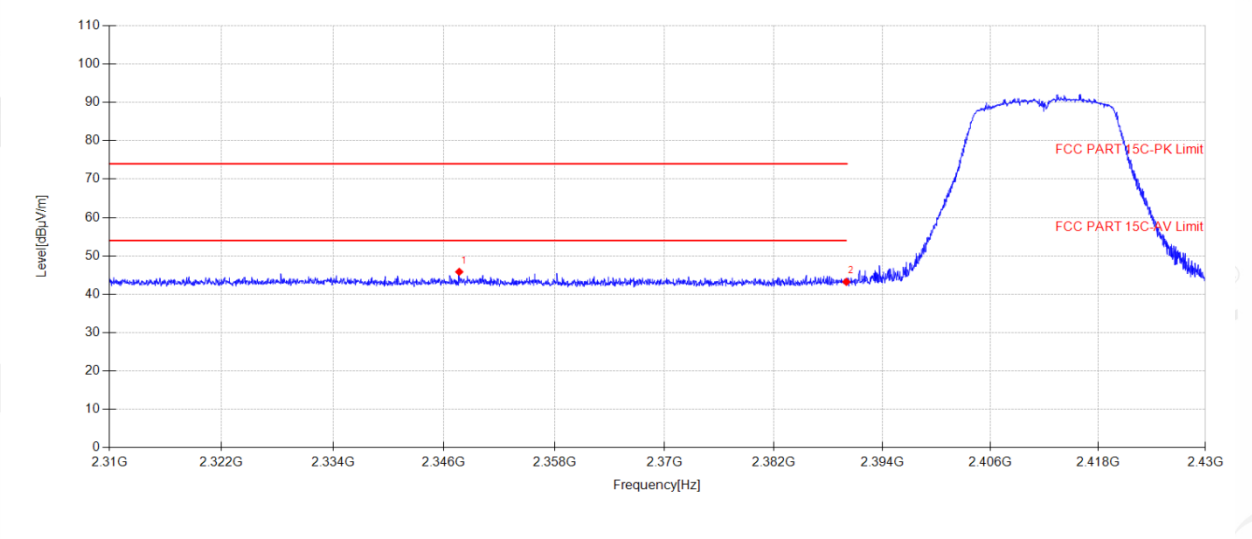
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\5

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	2347.653	39.30	27.33	-20.78	0.00	45.85	74.00	28.15	PK	Horizontal
2	2390.027	36.70	27.30	-20.76	0.00	43.24	74.00	30.76	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:

11G_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

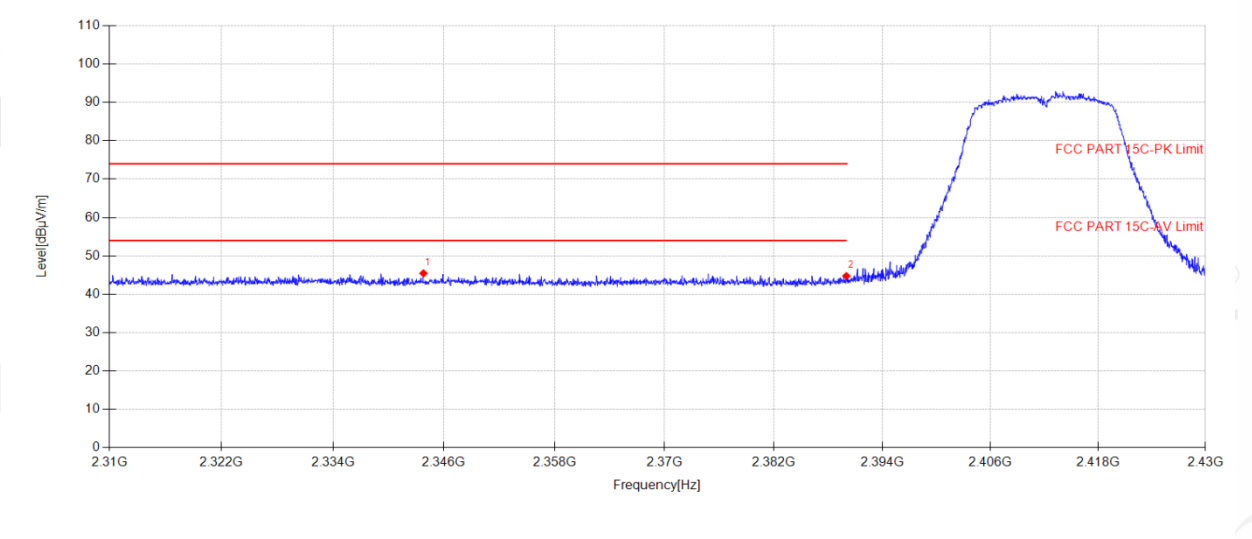
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\6

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	2343.771	38.89	27.33	-20.78	0.00	45.44	74.00	28.56	PK	Vertical
2	2390.027	38.21	27.30	-20.76	0.00	44.75	74.00	29.25	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:

11G_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

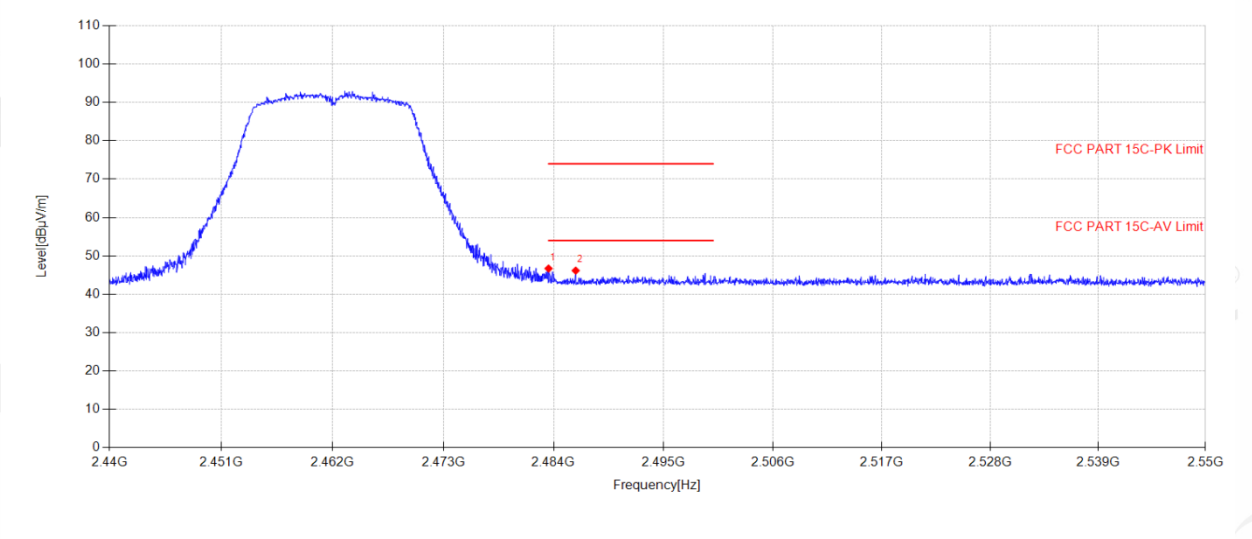
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2483.501	39.67	27.68	-20.64	0.00	46.71	74.00	27.29	PK	Horizontal
2	2486.215	39.12	27.69	-20.64	0.00	46.17	74.00	27.83	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:

11G_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

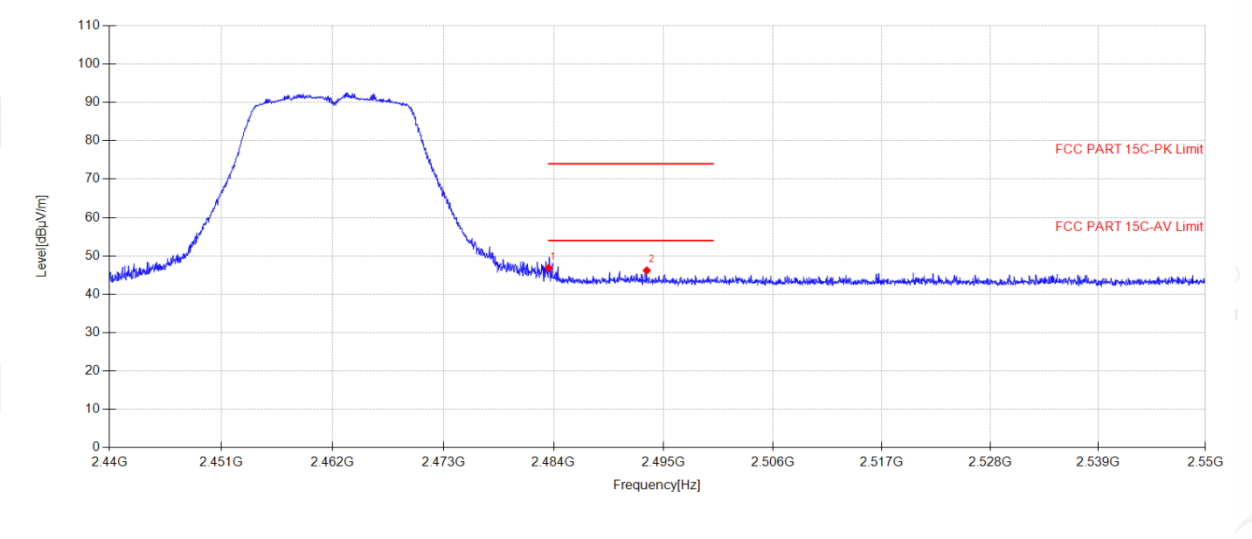
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2483.501	39.81	27.68	-20.64	0.00	46.85	74.00	27.15	PK	Vertical
2	2493.331	39.12	27.72	-20.63	0.00	46.21	74.00	27.79	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:

11N20_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

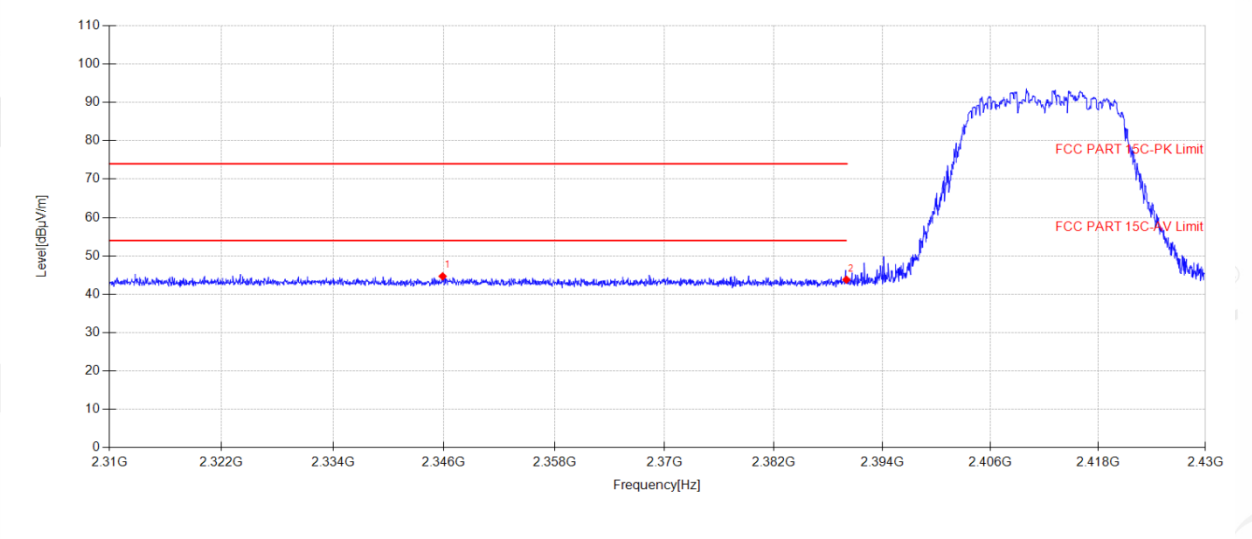
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2345.852	38.14	27.33	-20.78	0.00	44.69	74.00	29.31	PK	Horizontal
2	2390.027	37.26	27.30	-20.76	0.00	43.80	74.00	30.20	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:

11N20_MIMO_2412

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

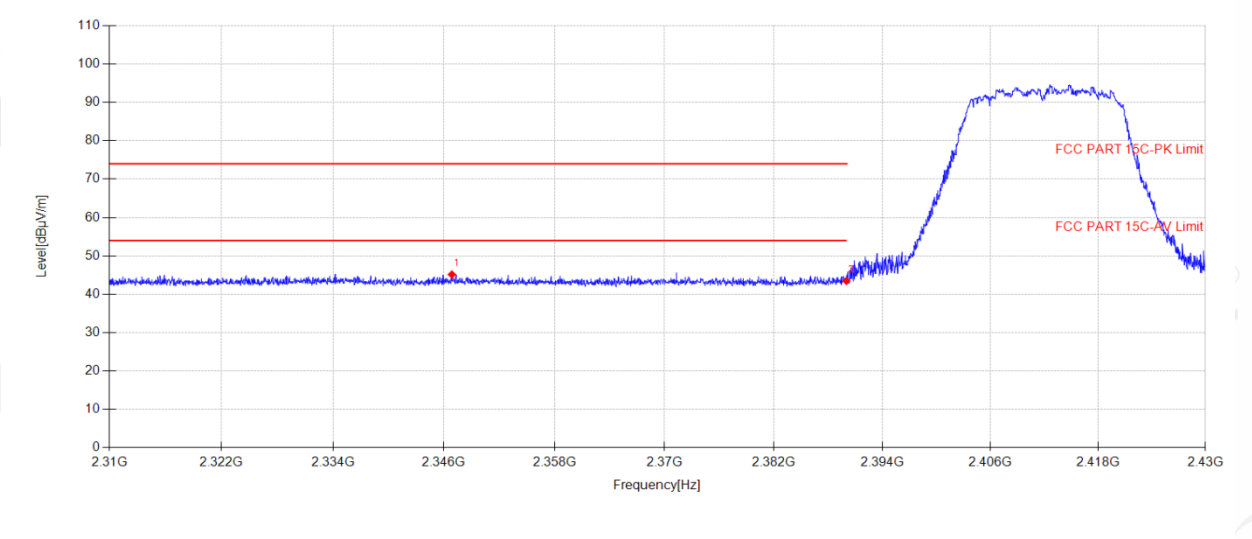
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2346.852	38.61	27.33	-20.78	0.00	45.16	74.00	28.84	PK	Vertical
2	2390.027	36.93	27.30	-20.76	0.00	43.47	74.00	30.53	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:

11N20_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

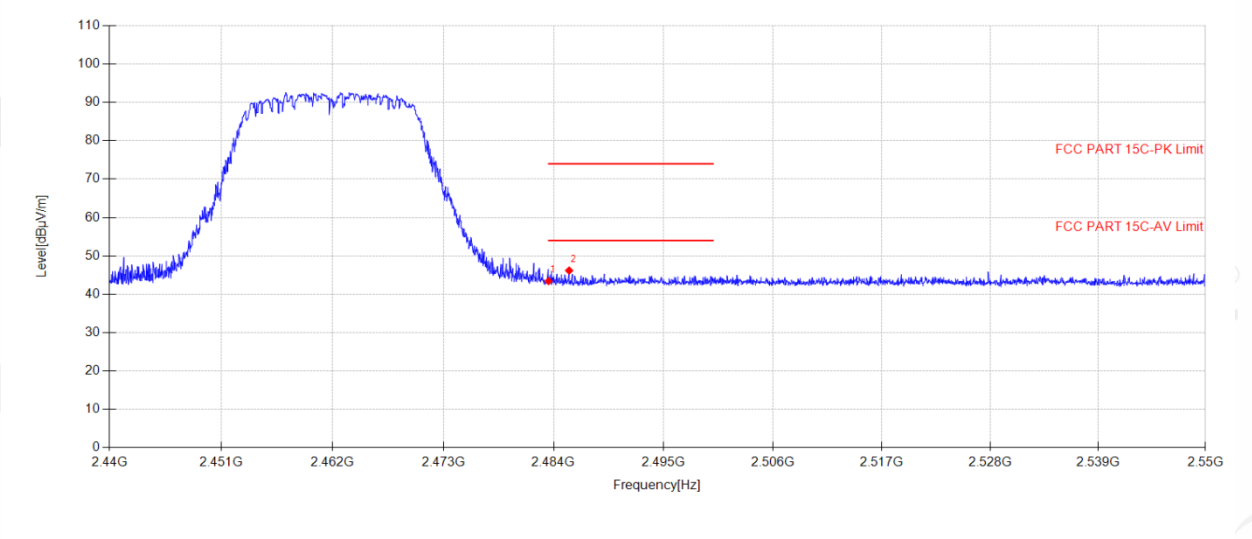
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2483.501	36.39	27.68	-20.64	0.00	43.43	74.00	30.57	PK	Horizontal
2	2485.555	39.14	27.68	-20.64	0.00	46.18	74.00	27.82	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:

11N20_MIMO_2462

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

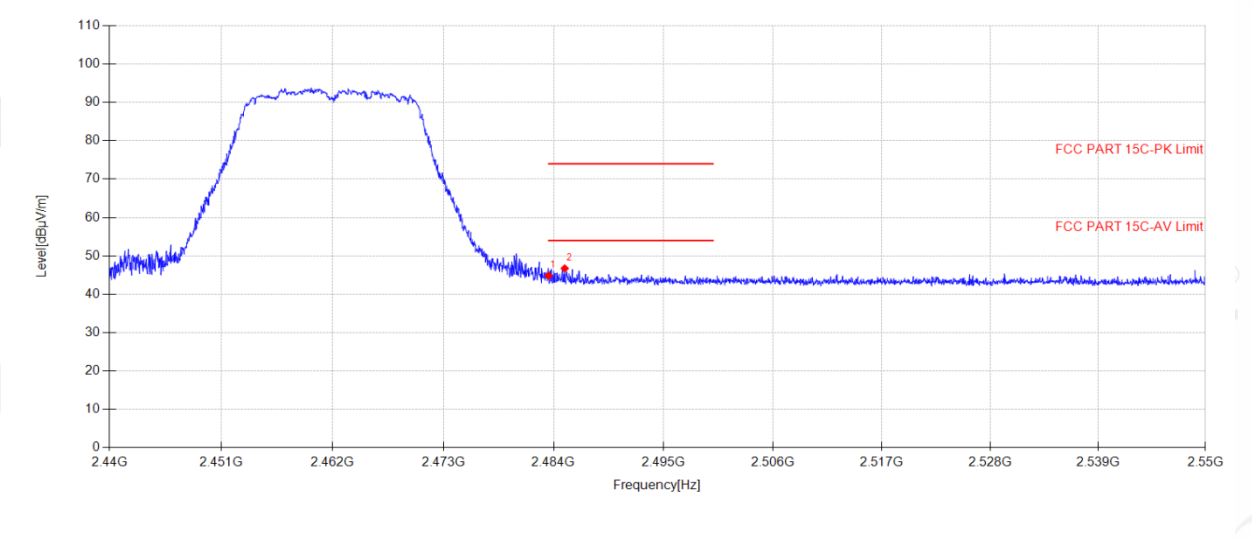
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2483.501	37.82	27.68	-20.64	0.00	44.86	74.00	29.14	PK	Vertical
2	2485.115	39.70	27.68	-20.64	0.00	46.74	74.00	27.26	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:

11N40_MIMO_2422

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

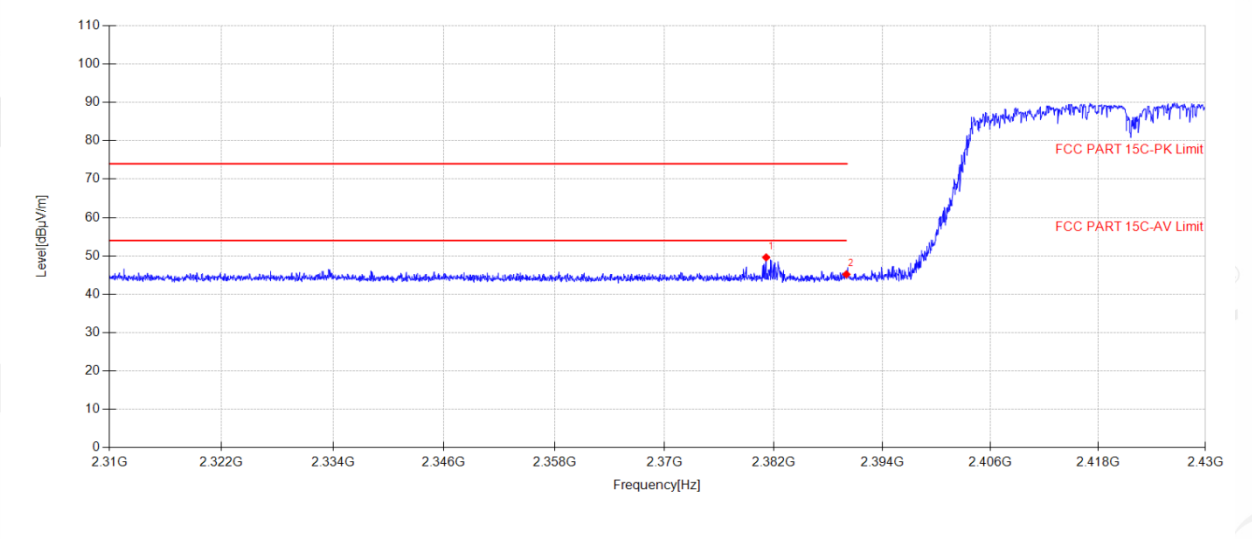
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2381.184	43.07	27.31	-20.77	0.00	49.61	74.00	24.39	PK	Horizontal
2	2390.027	38.66	27.30	-20.76	0.00	45.20	74.00	28.80	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:

11N40_MIMO_2422

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

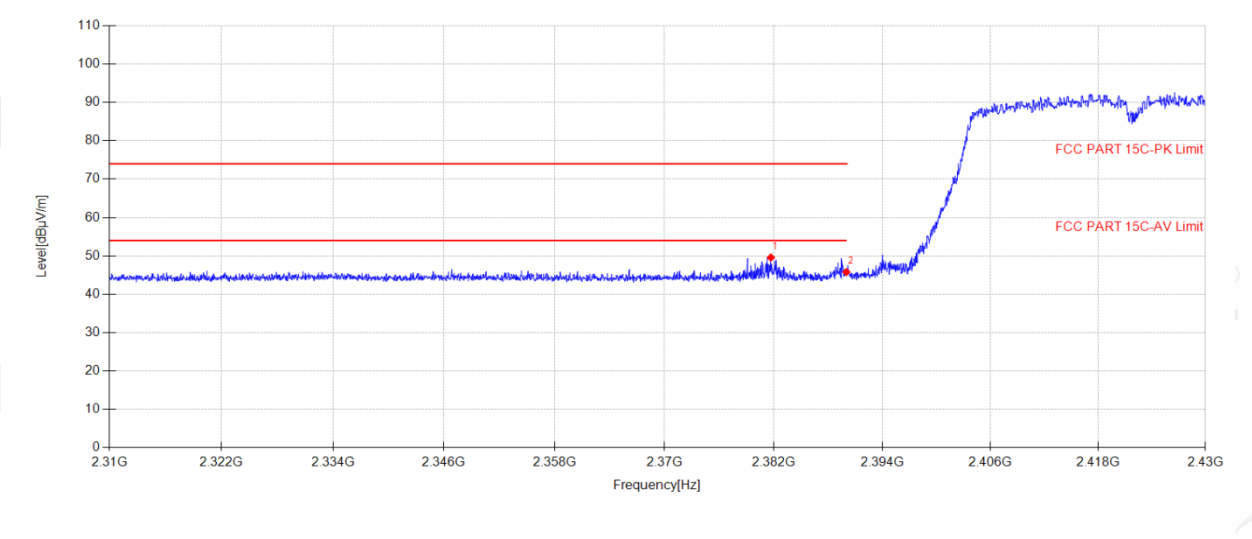
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\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	2381.704	43.03	27.31	-20.77	0.00	49.57	74.00	24.43	PK	Vertical
2	2390.027	39.24	27.30	-20.76	0.00	45.78	74.00	28.22	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:

11N40_MIMO_2452

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

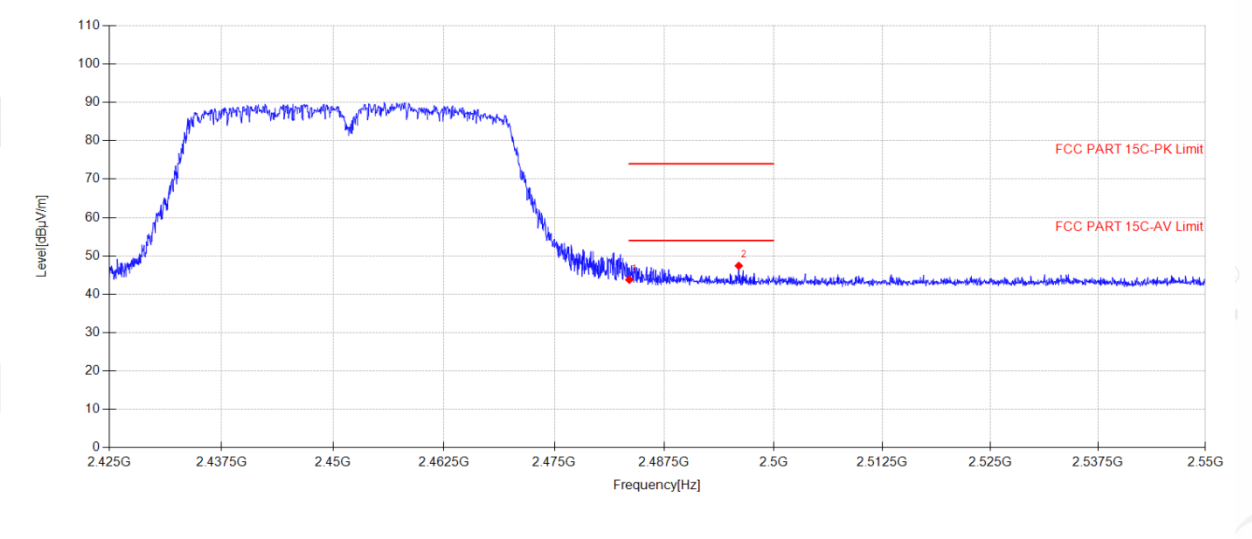
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\15

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	2483.520	36.73	27.68	-20.64	0.00	43.77	74.00	30.23	PK	Horizontal
2	2496.024	40.32	27.73	-20.63	0.00	47.42	74.00	26.58	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:

11N40_MIMO_2452

Power Supply:

DC 3.3V

Condition:

Temp:22.7°C;Humi:55.8%

Test Site:

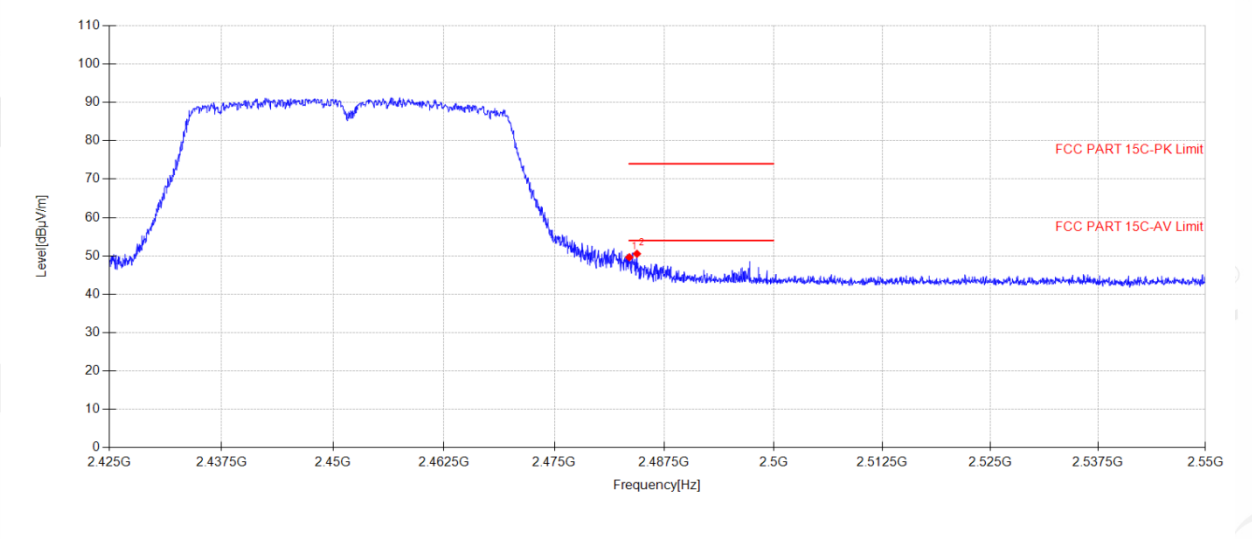
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26041731\FCC Above 1G 2.4G\16

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	2483.520	42.60	27.68	-20.64	0.00	49.64	74.00	24.36	PK	Vertical
2	2484.395	43.51	27.68	-20.64	0.00	50.55	74.00	23.45	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.

8. Photos of the EUT

Please refer to DDT-Q26041731-1E appendix I

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