

(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:

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

(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.

12.4. Assistant equipment used for test

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

12.5. 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.

12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-06

Tested By:

Cao Jie

Test Mode:

TX BLE 1M Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:59.3%

Test Site:

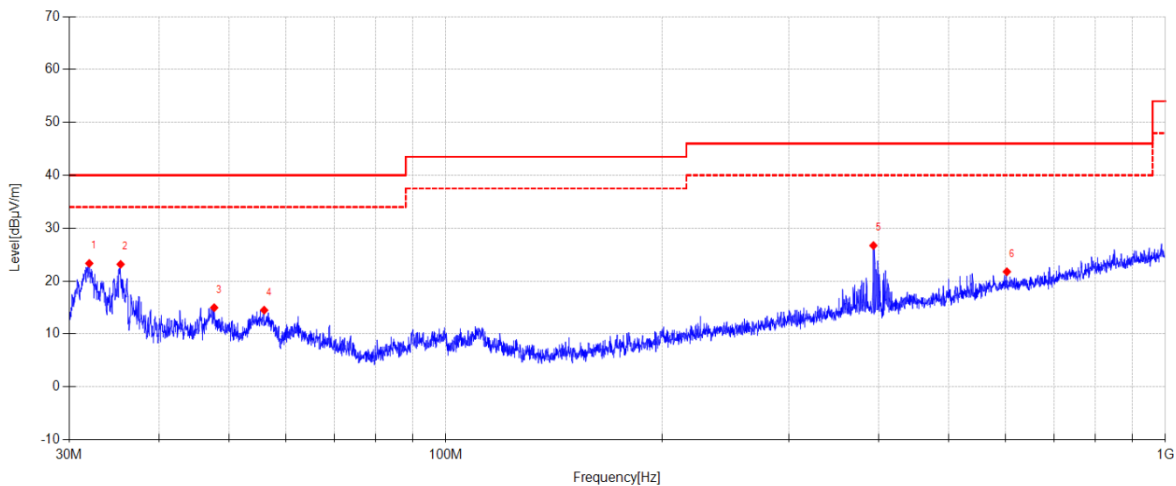
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\3

Memo:

Sample Number: S26052025-004 Left side



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	31.977	40.93	10.89	3.81	-32.30	23.33	40.00	16.67	PK	Horizontal
2	35.349	40.10	11.51	3.85	-32.30	23.16	40.00	16.84	PK	Horizontal
3	47.688	30.03	13.26	3.97	-32.30	14.96	40.00	25.04	PK	Horizontal
4	55.954	29.77	12.99	4.03	-32.30	14.49	40.00	25.51	PK	Horizontal
5	392.99	38.36	15.16	5.68	-32.49	26.71	46.00	19.29	PK	Horizontal
6	602.33	29.04	19.17	6.41	-32.86	21.76	46.00	24.24	PK	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:

2026-06-06

Tested By:

Cao Jie

Test Mode:

TX BLE 1M Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:59.3%

Test Site:

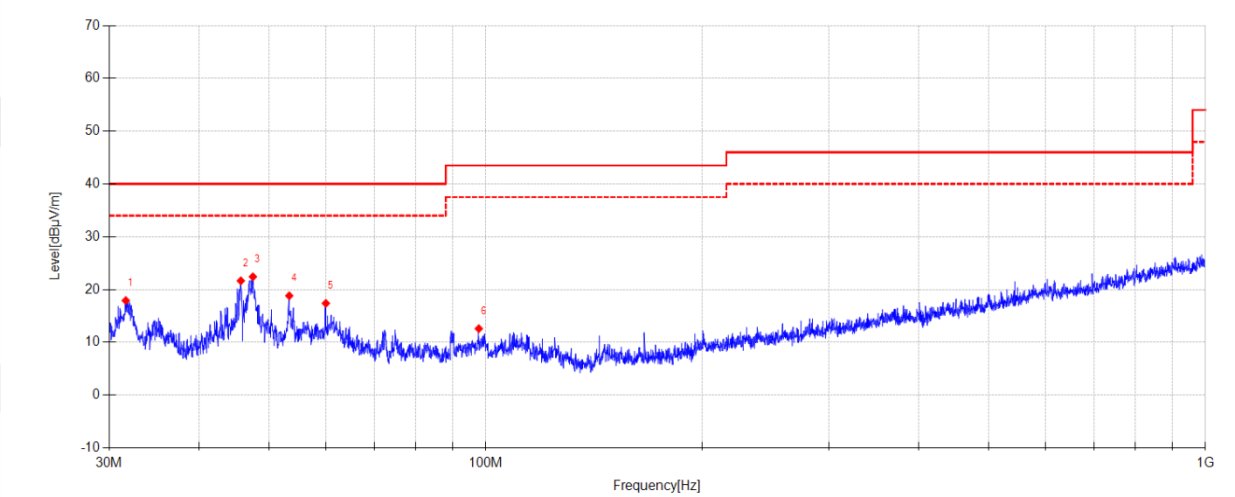
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\4

Memo:

Sample Number: S26052025-004 Left side



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	31.620	35.73	10.67	3.80	-32.30	17.90	40.00	22.10	PK	Vertical
2	45.691	36.88	13.12	3.95	-32.30	21.65	40.00	18.35	PK	Vertical
3	47.487	37.45	13.30	3.96	-32.30	22.41	40.00	17.59	PK	Vertical
4	53.349	33.83	13.27	4.01	-32.30	18.81	40.00	21.19	PK	Vertical
5	59.977	33.22	12.40	4.06	-32.30	17.38	40.00	22.62	PK	Vertical
6	97.844	29.46	11.13	4.29	-32.30	12.58	43.50	30.92	PK	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:

2026-06-06

Tested By:

Cao Jie

Test Mode:

TX BLE 2M Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:59.3%

Test Site:

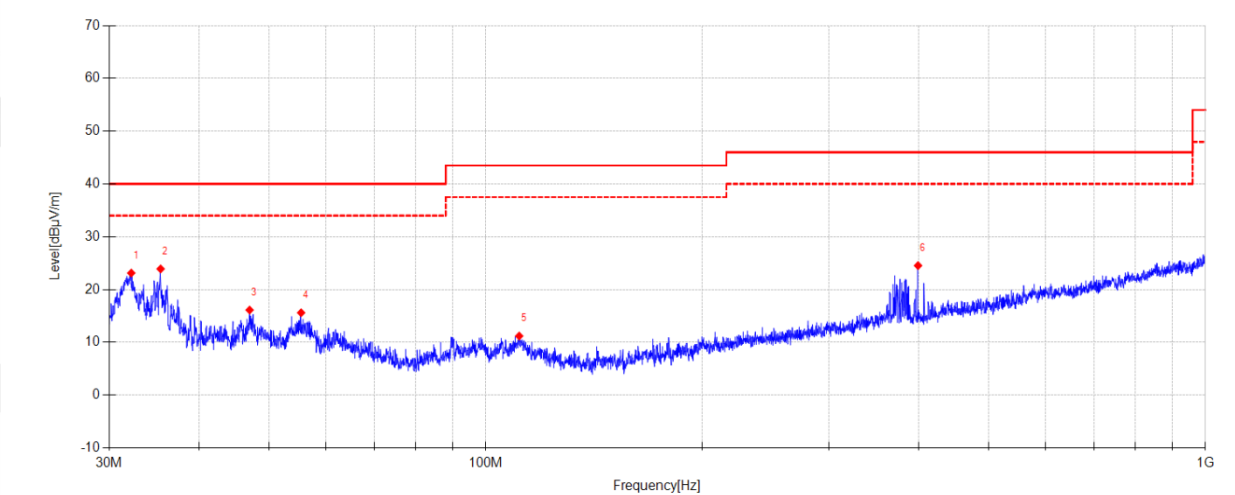
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\5

Memo:

Sample Number: S26052025-004 Left side



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	32.179	40.71	10.90	3.81	-32.30	23.12	40.00	16.88	PK	Horizontal
2	35.349	40.84	11.51	3.85	-32.30	23.90	40.00	16.10	PK	Horizontal
3	46.991	31.05	13.40	3.96	-32.30	16.11	40.00	23.89	PK	Horizontal
4	55.408	31.06	12.82	4.02	-32.30	15.60	40.00	24.40	PK	Horizontal
5	111.31	27.19	11.93	4.37	-32.31	11.18	43.50	32.32	PK	Horizontal
6	398.82	35.95	15.38	5.70	-32.50	24.53	46.00	21.47	PK	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:

2026-06-06

Tested By:

Cao Jie

Test Mode:

TX BLE 2M Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:59.3%

Test Site:

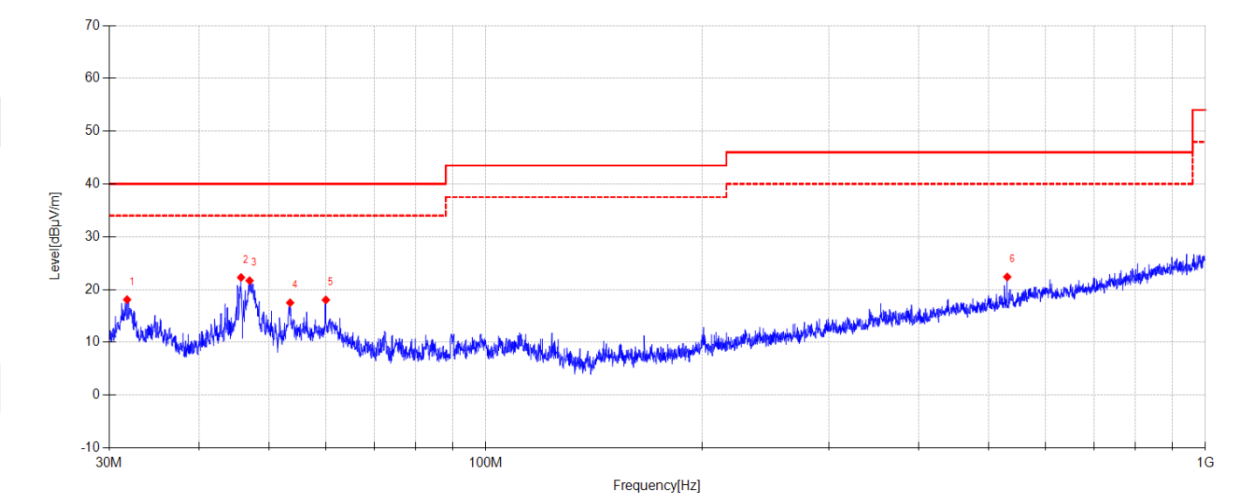
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\6

Memo:

Sample Number: S26052025-004 Left side



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	31.753	35.83	10.75	3.80	-32.30	18.08	40.00	21.92	PK	Vertical
2	45.723	37.52	13.11	3.95	-32.30	22.28	40.00	17.72	PK	Vertical
3	46.991	36.62	13.40	3.96	-32.30	21.68	40.00	18.32	PK	Vertical
4	53.499	32.48	13.30	4.01	-32.30	17.49	40.00	22.51	PK	Vertical
5	59.977	33.86	12.40	4.06	-32.30	18.02	40.00	21.98	PK	Vertical
6	530.54	31.45	17.46	6.15	-32.68	22.38	46.00	23.62	PK	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:

2026-06-07

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:59.3%

Test Site:

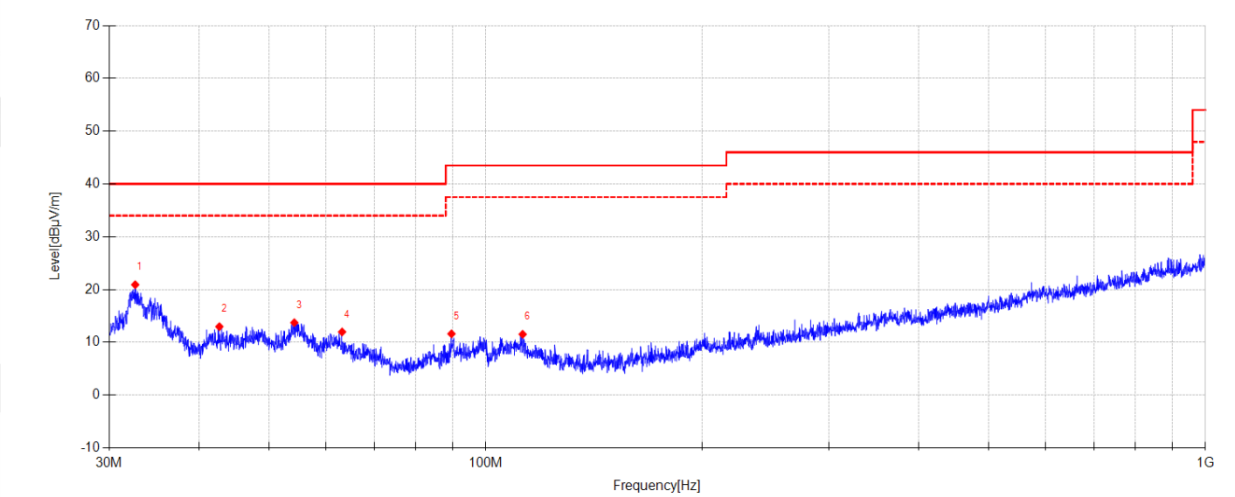
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\9

Memo:

Sample Number: S26052025-004 Right side



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	32.588	38.49	10.90	3.82	-32.30	20.91	40.00	19.09	PK	Horizontal
2	42.657	27.83	13.49	3.94	-32.30	12.96	40.00	27.04	PK	Horizontal
3	54.217	28.75	13.25	4.01	-32.30	13.71	40.00	26.29	PK	Horizontal
4	63.171	27.80	12.37	4.09	-32.30	11.96	40.00	28.04	PK	Horizontal
5	89.633	30.21	9.44	4.25	-32.30	11.60	43.50	31.90	PK	Horizontal
6	112.57	27.85	11.60	4.37	-32.31	11.51	43.50	31.99	PK	Horizontal

Note:

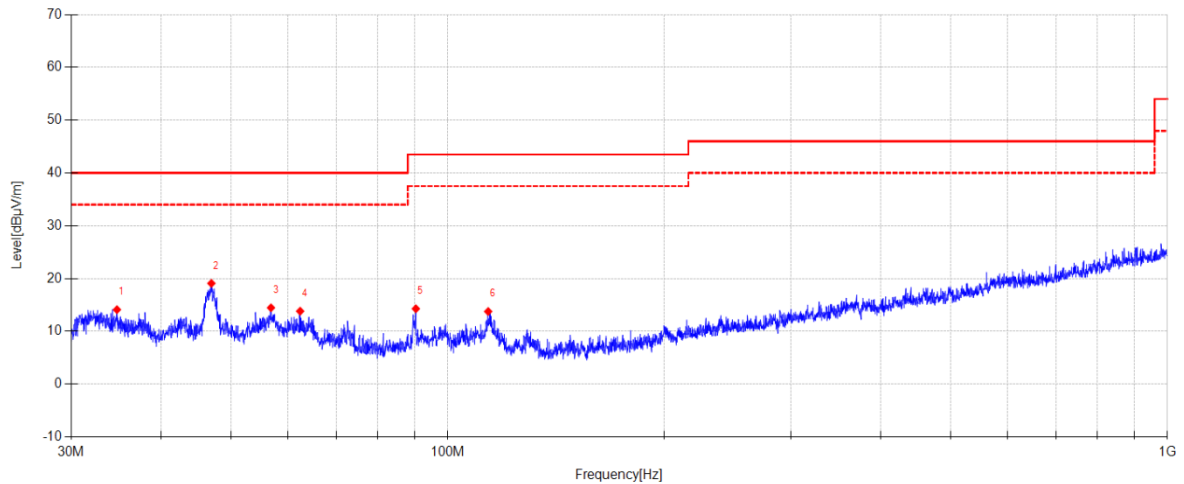
1. Result Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-07 **Tested By:** Li Xiongbin
Test Mode: TX BLE 1M Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:59.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\10
Memo: Sample Number: S26052025-004 Right side

**Suspected Data List**

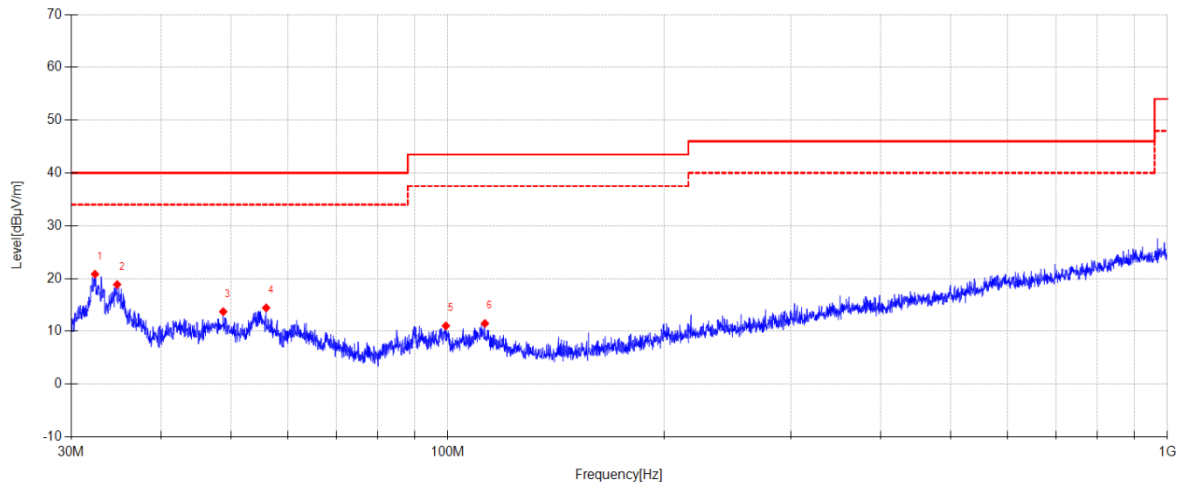
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	34.710	31.24	11.30	3.85	-32.30	14.09	40.00	25.91	PK	Vertical
2	46.958	34.04	13.38	3.96	-32.30	19.08	40.00	20.92	PK	Vertical
3	56.824	29.97	12.75	4.03	-32.30	14.45	40.00	25.55	PK	Vertical
4	62.378	29.49	12.52	4.09	-32.30	13.80	40.00	26.20	PK	Vertical
5	90.327	32.65	9.67	4.25	-32.30	14.27	43.50	29.23	PK	Vertical
6	113.84	30.63	11.05	4.38	-32.31	13.75	43.50	29.75	PK	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: 2026-06-07 **Tested By:** Li Xiongbin
Test Mode: TX BLE 2M Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:59.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\11
Memo: Sample Number: S26052025-004 Right side

**Suspected Data List**

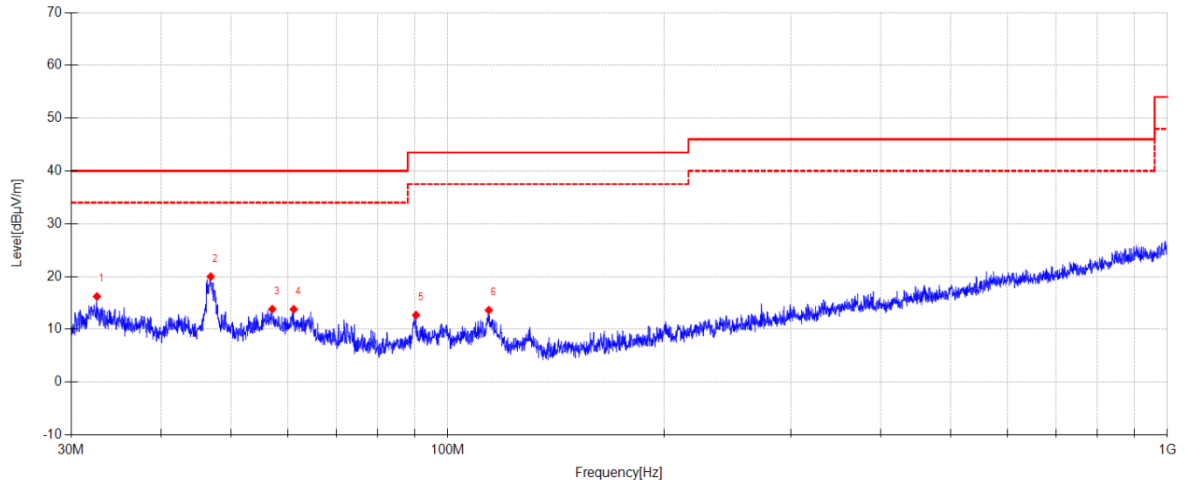
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.360	38.41	10.90	3.81	-32.30	20.82	40.00	19.18	PK	Horizontal
2	34.735	36.00	11.30	3.85	-32.30	18.85	40.00	21.15	PK	Horizontal
3	48.770	28.53	13.51	3.97	-32.30	13.71	40.00	26.29	PK	Horizontal
4	55.954	29.72	12.99	4.03	-32.30	14.44	40.00	25.56	PK	Horizontal
5	99.435	27.36	11.66	4.30	-32.30	11.02	43.50	32.48	PK	Horizontal
6	112.65	27.88	11.54	4.37	-32.31	11.48	43.50	32.02	PK	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: 2026-06-07 **Tested By:** Li Xiongbin
Test Mode: TX BLE 2M Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:59.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC BELOW 1G\12
Memo: Sample Number: S26052025-004 Right side



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	32.565	33.79	10.90	3.82	-32.30	16.21	40.00	23.79	PK	Vertical
2	46.859	34.98	13.34	3.96	-32.30	19.98	40.00	20.02	PK	Vertical
3	57.064	29.35	12.72	4.04	-32.30	13.81	40.00	26.19	PK	Vertical
4	61.123	29.59	12.42	4.07	-32.30	13.78	40.00	26.22	PK	Vertical
5	90.391	31.08	9.66	4.25	-32.30	12.69	43.50	30.81	PK	Vertical
6	114.08	30.57	10.98	4.38	-32.31	13.62	43.50	29.88	PK	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

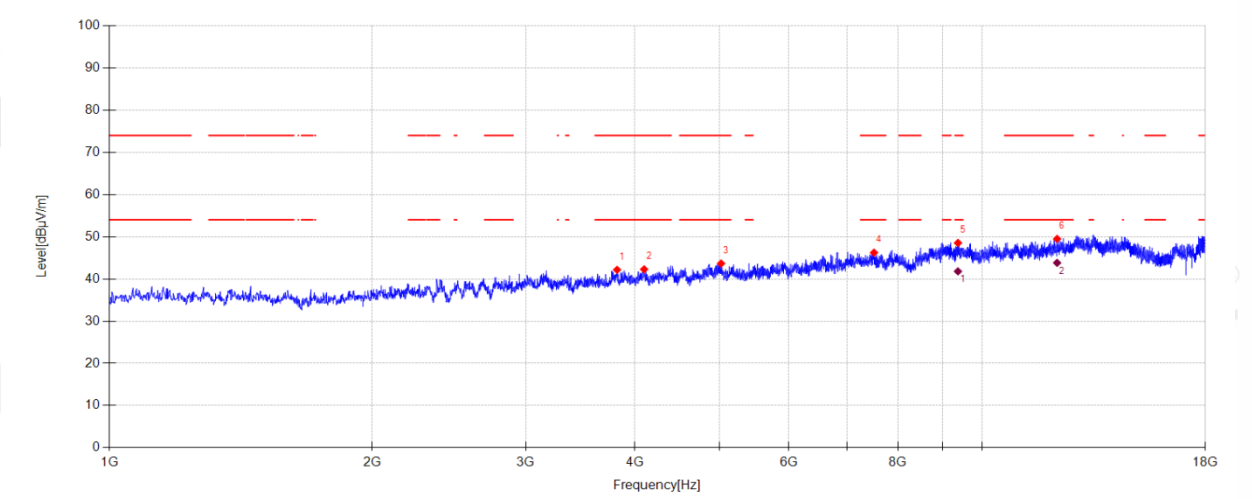
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\27

Memo:

Sample Number: S26052025-004 Left side



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	3815.200	46.52	30.72	4.55	-39.63	42.16	74.00	31.84	PK	Horizontal
2	4097.400	46.24	31.11	4.64	-39.71	42.28	74.00	31.72	PK	Horizontal
3	5018.800	45.15	33.04	5.26	-39.80	43.65	74.00	30.35	PK	Horizontal
4	7512.700	43.56	36.72	5.80	-39.85	46.23	74.00	27.77	PK	Horizontal
5	9374.200	42.04	38.75	6.75	-39.01	48.53	74.00	25.47	PK	Horizontal
6	12175.800	41.87	39.27	7.81	-39.46	49.49	74.00	24.51	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9374.200	35.30	38.75	6.75	41.79	54.00	12.21	AV	Horizontal	
2	12175.800	36.19	39.27	7.81	43.81	54.00	10.19	AV	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

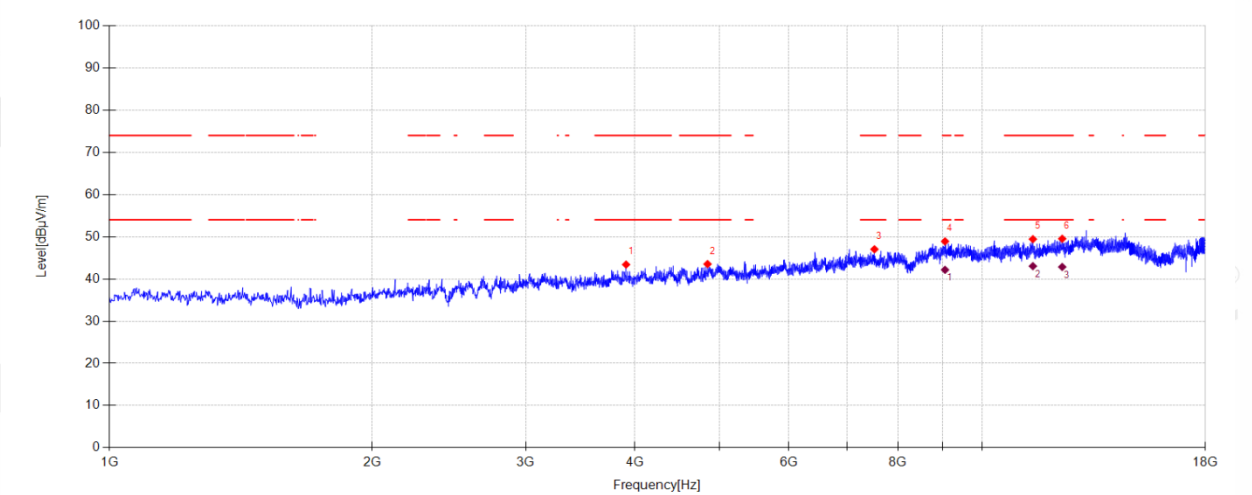
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\28

Memo:

Sample Number: S26052025-004 Left side



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	3907.000	47.68	30.82	4.56	-39.66	43.40	74.00	30.60	PK	Vertical
2	4843.700	45.36	32.80	5.14	-39.78	43.52	74.00	30.48	PK	Vertical
3	7521.200	44.48	36.60	5.80	-39.85	47.03	74.00	26.97	PK	Vertical
4	9059.700	42.05	38.73	6.79	-38.67	48.90	74.00	25.10	PK	Vertical
5	11422.700	41.87	39.57	7.58	-39.60	49.42	74.00	24.58	PK	Vertical
6	12340.700	41.76	39.28	7.81	-39.33	49.52	74.00	24.48	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9059.700	35.31	38.73	6.79	42.16	54.00	11.84	AV	Vertical	
2	11422.700	35.47	39.57	7.58	43.02	54.00	10.98	AV	Vertical	
3	12340.700	35.08	39.28	7.81	42.84	54.00	11.16	AV	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:

2026-06-15

Tested By:

Li Xiongbin

Test Mode:

TX BLE 1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

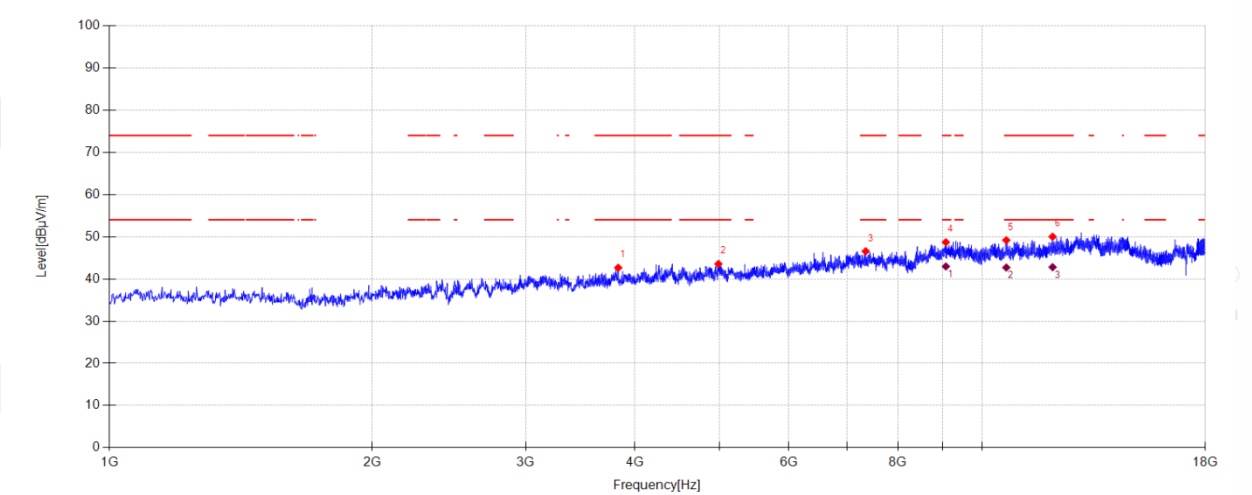
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\25

Memo:

Sample Number: S26052025-004 Left side



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	3827.100	47.16	30.57	4.55	-39.63	42.65	74.00	31.35	PK	Horizontal
2	4984.800	45.09	33.03	5.24	-39.80	43.56	74.00	30.44	PK	Horizontal
3	7349.500	43.69	37.00	5.74	-39.87	46.56	74.00	27.44	PK	Horizontal
4	9080.100	42.23	38.36	6.79	-38.69	48.69	74.00	25.31	PK	Horizontal
5	10649.200	42.32	39.35	7.15	-39.64	49.18	74.00	24.82	PK	Horizontal
6	12033.000	42.59	39.17	7.81	-39.57	50.00	74.00	24.00	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9080.100	36.50	38.36	6.79	42.96	54.00	11.04	AV	Horizontal	
2	10649.200	35.84	39.35	7.15	42.70	54.00	11.30	AV	Horizontal	
3	12033.000	35.37	39.17	7.81	42.78	54.00	11.22	AV	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

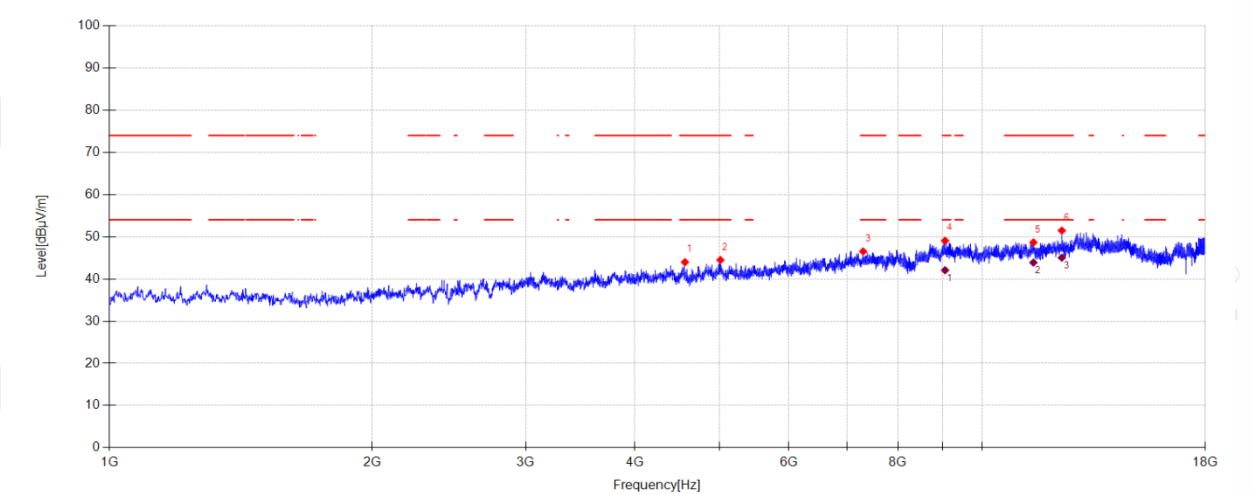
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\26

Memo:

Sample Number: S26052025-004 Left side



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	4563.200	46.87	31.92	4.95	-39.76	43.98	74.00	30.02	PK	Vertical
2	5010.300	46.01	33.02	5.25	-39.80	44.48	74.00	29.52	PK	Vertical
3	7300.200	43.65	37.00	5.73	-39.87	46.51	74.00	27.49	PK	Vertical
4	9059.700	42.21	38.73	6.79	-38.67	49.06	74.00	24.94	PK	Vertical
5	11438.000	41.23	39.42	7.59	-39.60	48.64	74.00	25.36	PK	Vertical
6	12328.800	43.68	39.31	7.81	-39.34	51.46	74.00	22.54	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9059.700	35.22	38.73	6.79	42.07	54.00	11.93	AV	Vertical
2	11438.000	36.47	39.42	7.59	43.88	54.00	10.12	AV	Vertical
3	12328.800	37.25	39.31	7.81	45.03	54.00	8.97	AV	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:

2026-06-15

Tested By:

Li Xiongbin

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

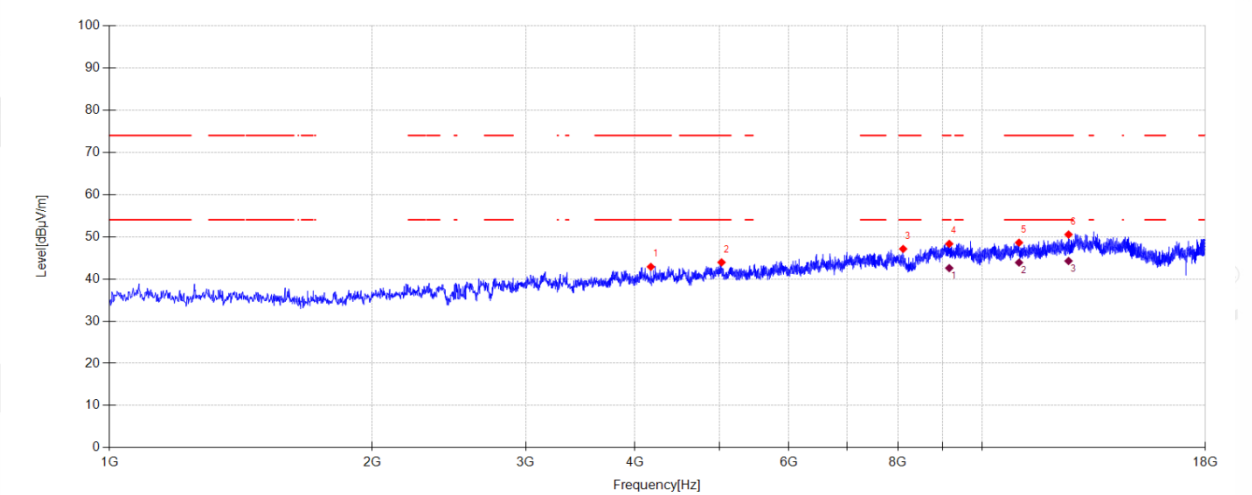
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\23

Memo:

Sample Number: S26052025-004 Left side



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	4170.500	46.60	31.30	4.69	-39.72	42.87	74.00	31.13	PK	Horizontal
2	5025.600	45.40	33.05	5.26	-39.79	43.92	74.00	30.08	PK	Horizontal
3	8112.800	43.41	37.30	6.06	-39.66	47.11	74.00	26.89	PK	Horizontal
4	9161.700	41.45	38.86	6.78	-38.78	48.31	74.00	25.69	PK	Horizontal
5	11013.000	41.18	39.60	7.42	-39.60	48.60	74.00	25.40	PK	Horizontal
6	12548.100	42.47	39.41	7.80	-39.16	50.52	74.00	23.48	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9161.700	35.71	38.86	6.78	42.57	54.00	11.43	AV	Horizontal	
2	11013.000	36.45	39.60	7.42	43.87	54.00	10.13	AV	Horizontal	
3	12548.100	36.20	39.41	7.80	44.25	54.00	9.75	AV	Horizontal	

Note:

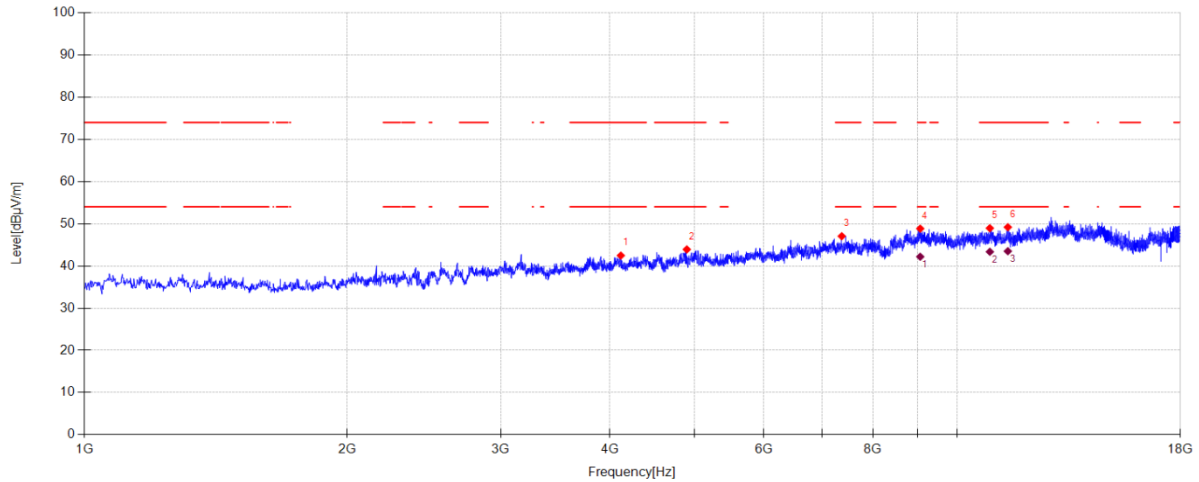
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-15 **Tested By:** Li Xiongbin
Test Mode: TX BLE 1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:65.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\24
Memo: Sample Number: S26052025-004 Left side

**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	4116.100	46.29	31.23	4.65	-39.71	42.46	74.00	31.54	PK	Vertical
2	4898.100	45.43	33.09	5.18	-39.79	43.91	74.00	30.09	PK	Vertical
3	7369.900	44.27	36.88	5.75	-39.86	47.04	74.00	26.96	PK	Vertical
4	9064.800	42.09	38.63	6.79	-38.67	48.84	74.00	25.16	PK	Vertical
5	10892.300	41.67	39.55	7.33	-39.61	48.94	74.00	25.06	PK	Vertical
6	11421.000	41.61	39.59	7.58	-39.60	49.18	74.00	24.82	PK	Vertical

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9064.800	35.43	38.63	6.79	42.18	54.00	11.82	AV	Vertical
2	10892.300	36.08	39.55	7.33	43.35	54.00	10.65	AV	Vertical
3	11421.000	35.92	39.59	7.58	43.49	54.00	10.51	AV	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

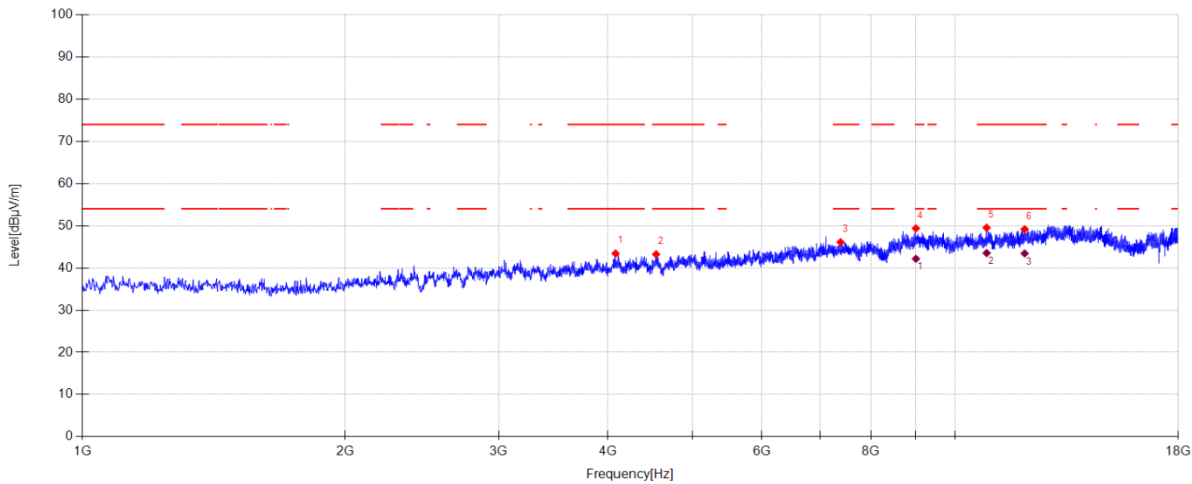
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\29

Memo:

Sample Number: S26052025-004 Left side



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	4080.400	47.38	31.14	4.62	-39.71	43.43	74.00	30.57	PK	Horizontal
2	4541.100	46.08	31.96	4.94	-39.75	43.23	74.00	30.77	PK	Horizontal
3	7385.200	43.42	36.79	5.75	-39.86	46.10	74.00	27.90	PK	Horizontal
4	9010.400	42.60	38.58	6.80	-38.61	49.37	74.00	24.63	PK	Horizontal
5	10856.600	42.50	39.34	7.30	-39.61	49.53	74.00	24.47	PK	Horizontal
6	12002.400	41.95	39.01	7.81	-39.60	49.17	74.00	24.83	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9010.400	35.40	38.58	6.80	42.17	54.00	11.83	AV	Horizontal	
2	10856.600	36.49	39.34	7.30	43.52	54.00	10.48	AV	Horizontal	
3	12002.400	36.21	39.01	7.81	43.43	54.00	10.57	AV	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

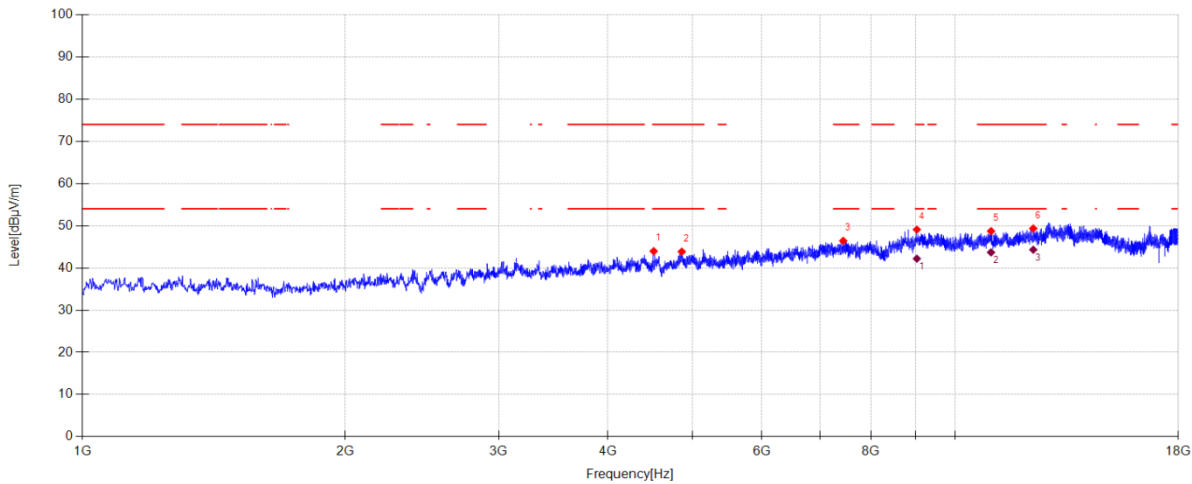
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\30

Memo:

Sample Number: S26052025-004 Left side



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	4512.200	47.30	31.50	4.92	-39.75	43.97	74.00	30.03	PK	Vertical
2	4859.000	45.55	32.94	5.15	-39.79	43.85	74.00	30.15	PK	Vertical
3	7437.900	43.88	36.62	5.77	-39.86	46.41	74.00	27.59	PK	Vertical
4	9032.500	42.16	38.76	6.80	-38.64	49.08	74.00	24.92	PK	Vertical
5	10984.100	41.24	39.68	7.40	-39.60	48.72	74.00	25.28	PK	Vertical
6	12277.800	41.56	39.36	7.81	-39.38	49.35	74.00	24.65	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9032.500	35.27	38.76	6.80	42.19	54.00	11.81	AV	Vertical
2	10984.100	36.20	39.68	7.40	43.68	54.00	10.32	AV	Vertical
3	12277.800	36.52	39.36	7.81	44.31	54.00	9.69	AV	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:

2026-06-15

Tested By:

Li Xiongbn

Test Mode:

TX BLE 2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

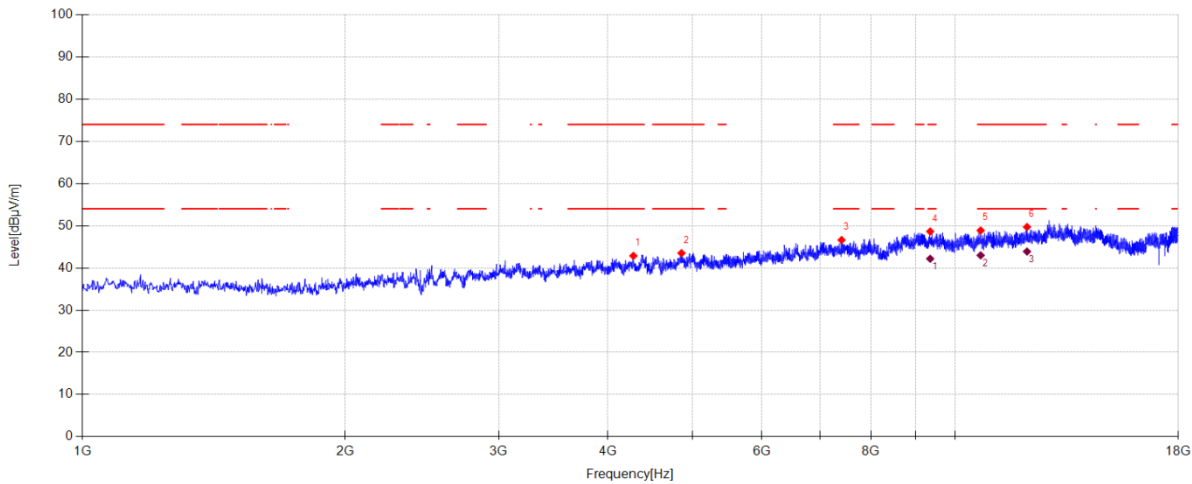
DDT 3# Chamber

File Path:

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Memo:

Sample Number: S26052025-004 Left side



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	4277.600	46.19	31.64	4.76	-39.73	42.86	74.00	31.14	PK	Horizontal
2	4855.600	45.22	32.92	5.15	-39.79	43.50	74.00	30.50	PK	Horizontal
3	7405.600	44.02	36.69	5.76	-39.86	46.61	74.00	27.39	PK	Horizontal
4	9355.500	42.09	38.79	6.75	-38.99	48.64	74.00	25.36	PK	Horizontal
5	10686.600	41.86	39.46	7.18	-39.63	48.87	74.00	25.13	PK	Horizontal
6	12077.200	42.04	39.39	7.81	-39.54	49.70	74.00	24.30	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9355.500	35.63	38.79	6.75	42.18	54.00	11.82	AV	Horizontal	
2	10686.600	35.97	39.46	7.18	42.98	54.00	11.02	AV	Horizontal	
3	12077.200	36.22	39.39	7.81	43.88	54.00	10.12	AV	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

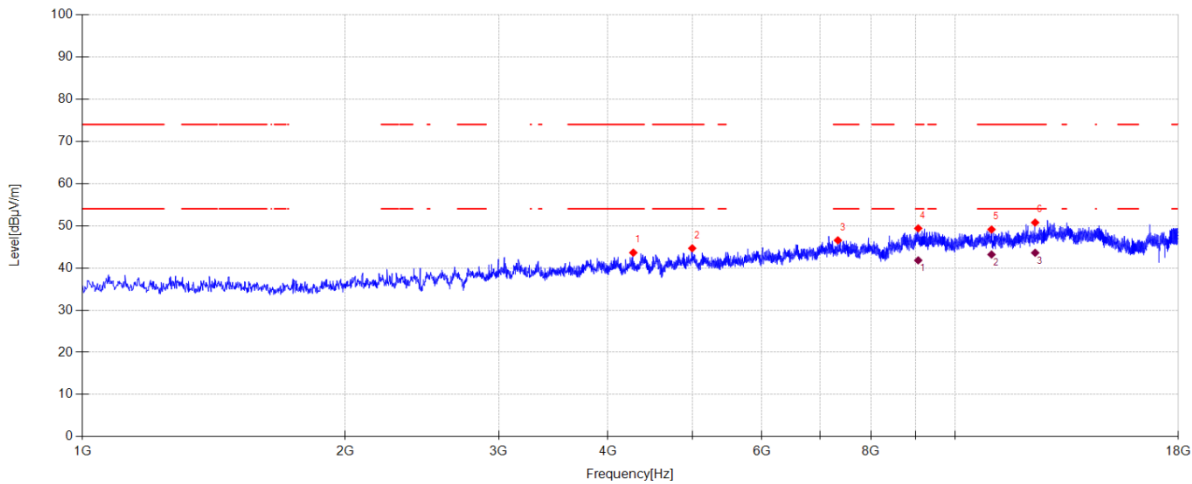
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\32

Memo:

Sample Number: S26052025-004 Left side



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	4275.900	46.97	31.61	4.76	-39.73	43.61	74.00	30.39	PK	Vertical
2	4995.000	46.20	33.01	5.25	-39.80	44.66	74.00	29.34	PK	Vertical
3	7334.200	43.67	37.00	5.74	-39.87	46.54	74.00	27.46	PK	Vertical
4	9064.800	42.62	38.63	6.79	-38.67	49.37	74.00	24.63	PK	Vertical
5	10997.700	41.59	39.70	7.41	-39.60	49.10	74.00	24.90	PK	Vertical
6	12339.000	42.98	39.28	7.81	-39.33	50.74	74.00	23.26	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9064.800	35.04	38.63	6.79	41.79	54.00	12.21	AV	Vertical
2	10997.700	35.67	39.70	7.41	43.18	54.00	10.82	AV	Vertical
3	12339.000	35.82	39.28	7.81	43.58	54.00	10.42	AV	Vertical

Note:

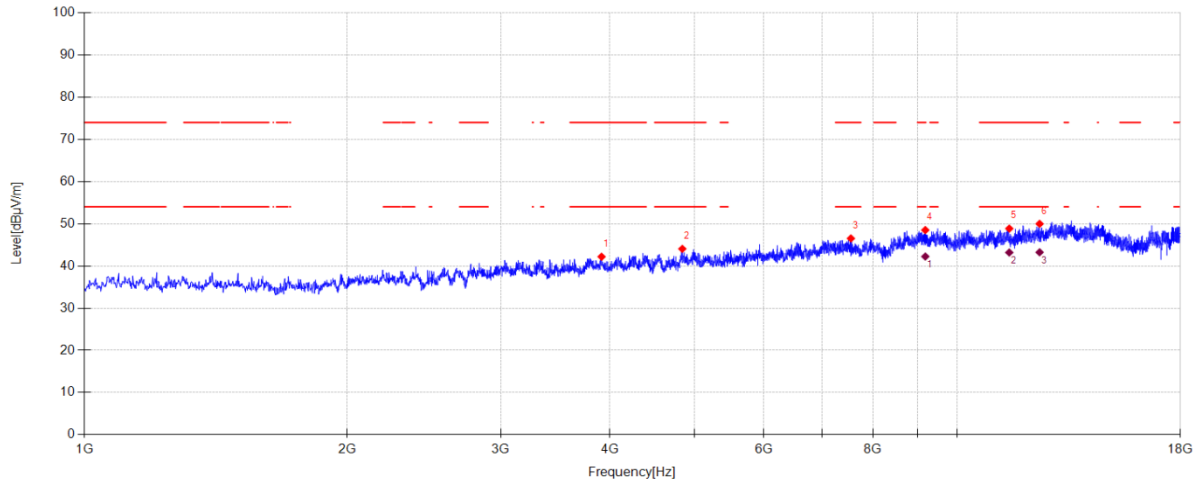
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-15 **Tested By:** Li Xiongbin
Test Mode: TX BLE 2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:65.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\33
Memo: Sample Number: S26052025-004 Left side

**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	3912.100	46.53	30.75	4.56	-39.66	42.18	74.00	31.82	PK	Horizontal
2	4840.300	45.95	32.74	5.14	-39.78	44.05	74.00	29.95	PK	Horizontal
3	7550.100	44.34	36.20	5.81	-39.84	46.51	74.00	27.49	PK	Horizontal
4	9187.200	41.97	38.55	6.78	-38.81	48.49	74.00	25.51	PK	Horizontal
5	11465.200	41.70	39.15	7.60	-39.60	48.85	74.00	25.15	PK	Horizontal
6	12418.900	42.21	39.21	7.81	-39.26	49.97	74.00	24.03	PK	Horizontal

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9187.200	35.71	38.55	6.78	42.23	54.00	11.77	AV	Horizontal
2	11465.200	36.03	39.15	7.60	43.18	54.00	10.82	AV	Horizontal
3	12418.900	35.47	39.21	7.81	43.23	54.00	10.77	AV	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:

2026-06-15

Tested By:

Li Xiongbin

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

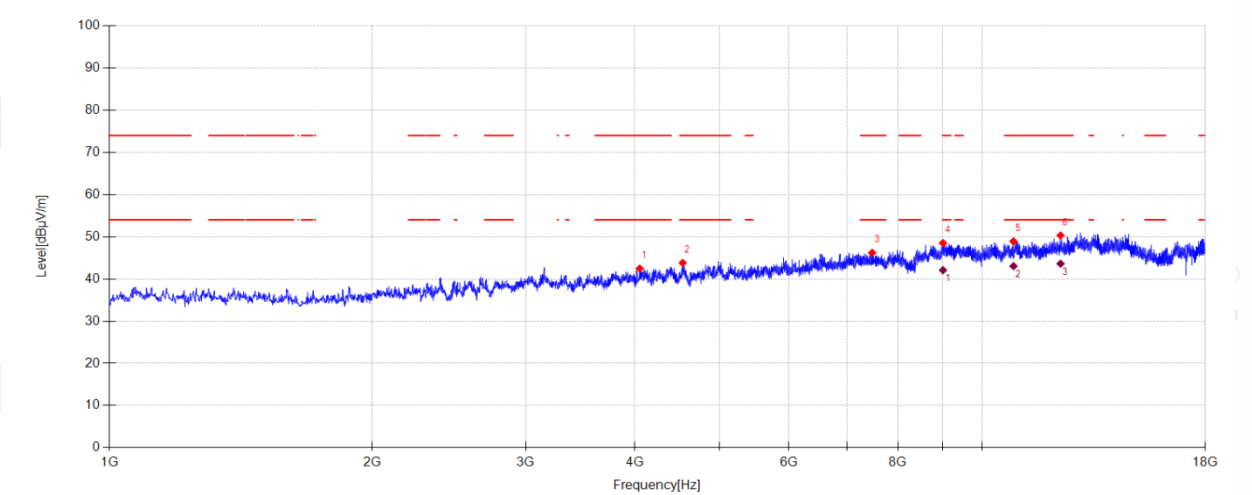
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\34

Memo:

Sample Number: S26052025-004 Left side



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	4049.800	46.36	31.20	4.60	-39.70	42.46	74.00	31.54	PK	Vertical
2	4536.000	46.75	31.88	4.93	-39.75	43.81	74.00	30.19	PK	Vertical
3	7477.000	43.50	36.76	5.79	-39.85	46.20	74.00	27.80	PK	Vertical
4	9012.100	41.70	38.60	6.80	-38.61	48.49	74.00	25.51	PK	Vertical
5	10853.200	41.88	39.32	7.30	-39.61	48.89	74.00	25.11	PK	Vertical
6	12288.000	42.49	39.38	7.81	-39.37	50.31	74.00	23.69	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9012.100	35.28	38.60	6.80	42.07	54.00	11.93	AV	Vertical	
2	10853.200	36.02	39.32	7.30	43.03	54.00	10.97	AV	Vertical	
3	12288.000	35.78	39.38	7.81	43.60	54.00	10.40	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

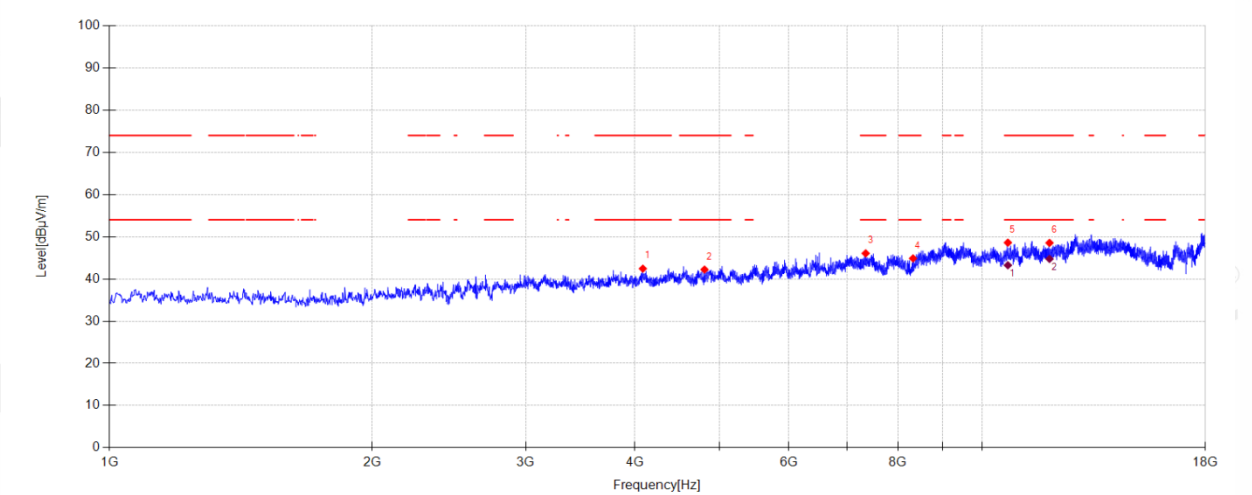
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\3

Memo:

Sample Number: S26052025-004 Right side



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	4083.800	46.39	31.13	4.63	-39.71	42.44	74.00	31.56	PK	Horizontal
2	4804.600	44.71	32.17	5.12	-39.78	42.22	74.00	31.78	PK	Horizontal
3	7349.500	43.19	37.00	5.74	-39.87	46.06	74.00	27.94	PK	Horizontal
4	8327.000	40.92	37.12	6.24	-39.41	44.87	74.00	29.13	PK	Horizontal
5	10693.400	41.57	39.48	7.18	-39.63	48.60	74.00	25.40	PK	Horizontal
6	11934.400	41.69	38.67	7.78	-39.60	48.54	74.00	25.46	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	10693.400	36.21	39.48	7.18	43.24	54.00	10.76	AV	Horizontal	
2	11934.400	37.89	38.67	7.78	44.74	54.00	9.26	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

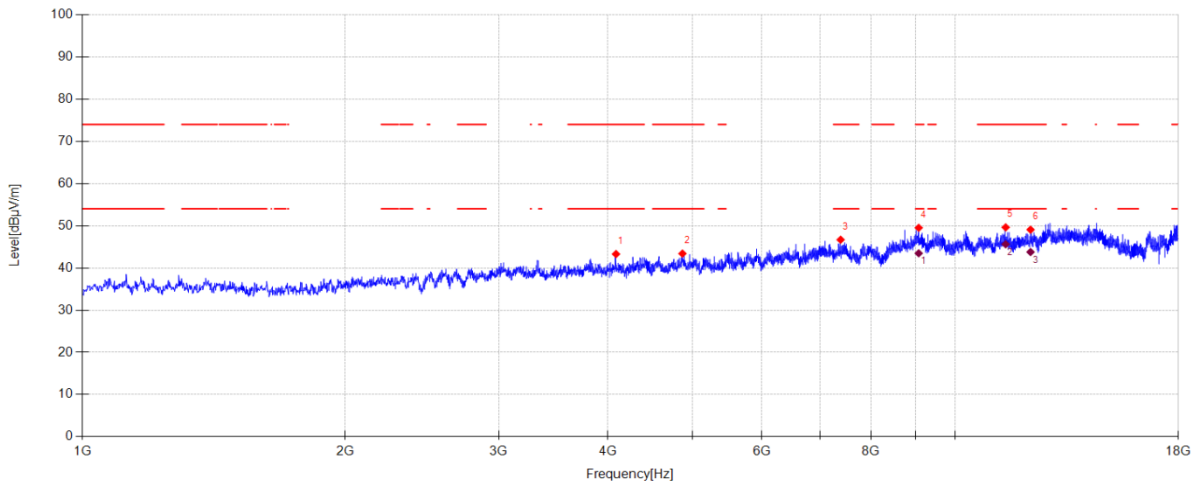
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\4

Memo:

Sample Number: S26052025-004 Right side



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	4085.500	47.24	31.13	4.63	-39.71	43.29	74.00	30.71	PK	Vertical
2	4867.500	45.06	32.97	5.16	-39.79	43.40	74.00	30.60	PK	Vertical
3	7386.900	44.00	36.78	5.76	-39.86	46.68	74.00	27.32	PK	Vertical
4	9076.700	42.97	38.42	6.79	-38.68	49.50	74.00	24.50	PK	Vertical
5	11415.900	41.99	39.64	7.58	-39.60	49.61	74.00	24.39	PK	Vertical
6	12191.100	41.47	39.23	7.81	-39.45	49.06	74.00	24.94	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9076.700	36.93	38.42	6.79	43.46	54.00	10.54	AV	Vertical
2	11415.900	37.99	39.64	7.58	45.61	54.00	8.39	AV	Vertical
3	12191.100	36.18	39.23	7.81	43.77	54.00	10.23	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

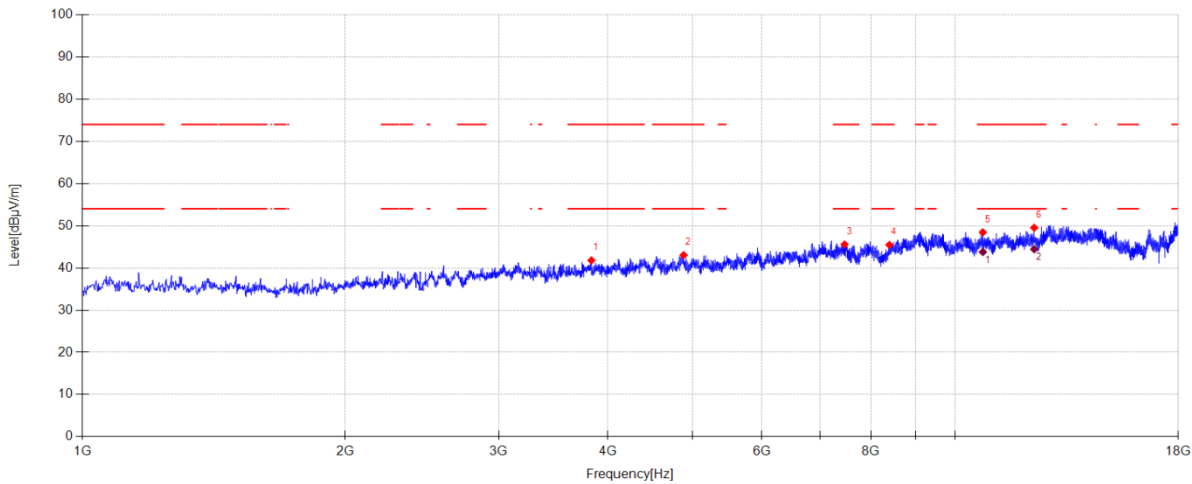
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\5

Memo:

Sample Number: S26052025-004 Right side



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	3828.800	46.32	30.55	4.55	-39.63	41.79	74.00	32.21	PK	Horizontal
2	4882.800	44.61	33.03	5.17	-39.79	43.02	74.00	30.98	PK	Horizontal
3	7465.100	42.94	36.69	5.78	-39.85	45.56	74.00	28.44	PK	Horizontal
4	8401.800	40.80	37.68	6.30	-39.32	45.46	74.00	28.54	PK	Horizontal
5	10749.500	41.60	39.25	7.22	-39.63	48.44	74.00	25.56	PK	Horizontal
6	12308.400	41.69	39.37	7.81	-39.35	49.52	74.00	24.48	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	10749.500	36.93	39.25	7.22	43.77	54.00	10.23	AV	Horizontal	
2	12308.400	36.58	39.37	7.81	44.41	54.00	9.59	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

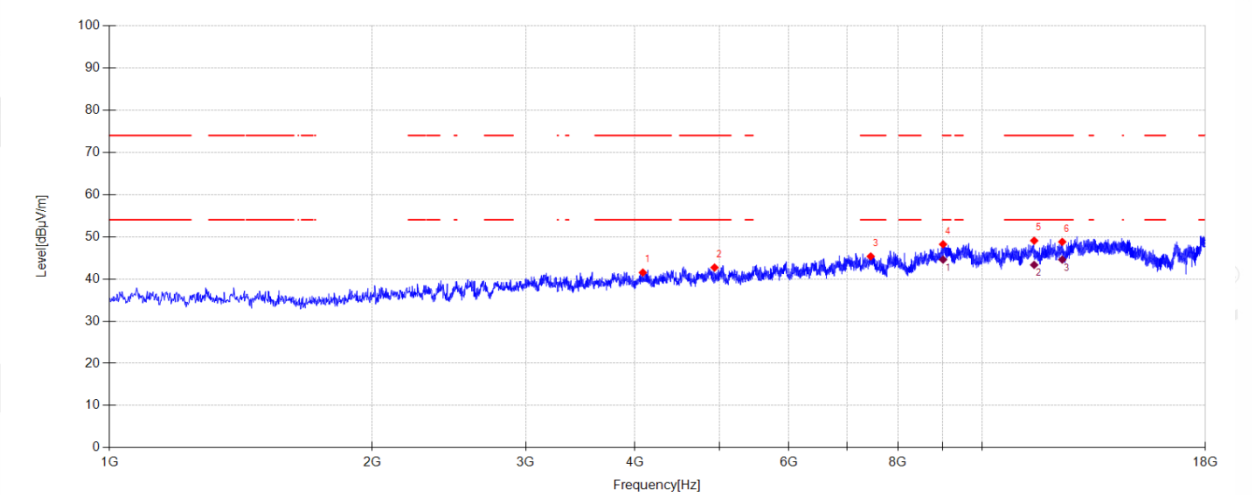
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\6

Memo:

Sample Number: S26052025-004 Right side



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	4083.800	45.46	31.13	4.63	-39.71	41.51	74.00	32.49	PK	Vertical
2	4933.800	44.19	33.10	5.20	-39.79	42.70	74.00	31.30	PK	Vertical
3	7448.100	42.82	36.60	5.78	-39.86	45.34	74.00	28.66	PK	Vertical
4	9013.800	41.42	38.61	6.80	-38.62	48.21	74.00	25.79	PK	Vertical
5	11461.800	41.89	39.18	7.59	-39.60	49.06	74.00	24.94	PK	Vertical
6	12342.400	41.03	39.27	7.81	-39.33	48.78	74.00	25.22	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9013.800	37.78	38.61	6.80	44.57	54.00	9.43	AV	Vertical	
2	11461.800	36.15	39.18	7.59	43.32	54.00	10.68	AV	Vertical	
3	12342.400	36.82	39.27	7.81	44.57	54.00	9.43	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

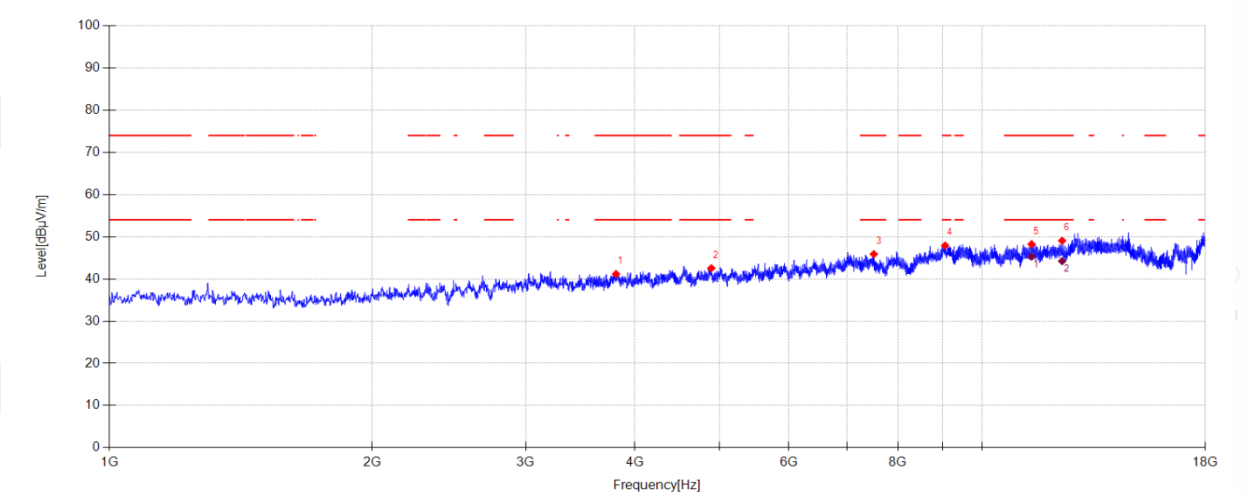
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\7

Memo:

Sample Number: S26052025-004 Right side



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	3805.000	45.40	30.84	4.54	-39.62	41.16	74.00	32.84	PK	Horizontal
2	4891.300	44.08	33.07	5.18	-39.79	42.54	74.00	31.46	PK	Horizontal
3	7509.300	43.15	36.77	5.80	-39.85	45.87	74.00	28.13	PK	Horizontal
4	9061.400	41.11	38.69	6.79	-38.67	47.92	74.00	26.08	PK	Horizontal
5	11383.600	40.66	39.60	7.56	-39.60	48.22	74.00	25.78	PK	Horizontal
6	12339.000	41.29	39.28	7.81	-39.33	49.05	74.00	24.95	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	11383.600	37.72	39.60	7.56	45.28	54.00	8.72	AV	Horizontal	
2	12339.000	36.46	39.28	7.81	44.22	54.00	9.78	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

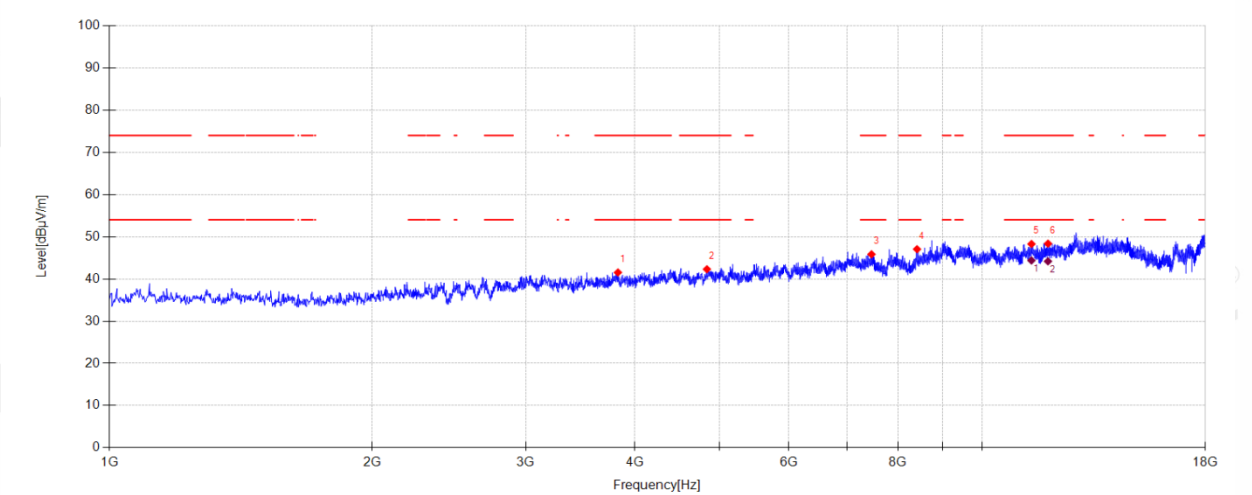
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\8

Memo:

Sample Number: S26052025-004 Right side



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	3823.700	45.99	30.62	4.55	-39.63	41.53	74.00	32.47	PK	Vertical
2	4835.200	44.28	32.66	5.14	-39.78	42.30	74.00	31.70	PK	Vertical
3	7463.400	43.23	36.68	5.78	-39.85	45.84	74.00	28.16	PK	Vertical
4	8415.400	42.48	37.55	6.31	-39.30	47.04	74.00	26.96	PK	Vertical
5	11380.200	40.76	39.56	7.56	-39.60	48.28	74.00	25.72	PK	Vertical
6	11886.800	41.69	38.51	7.76	-39.60	48.36	74.00	25.64	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	11380.200	36.85	39.56	7.56	44.37	54.00	9.63	AV	Vertical	
2	11886.800	37.50	38.51	7.76	44.17	54.00	9.83	AV	Vertical	

Note:

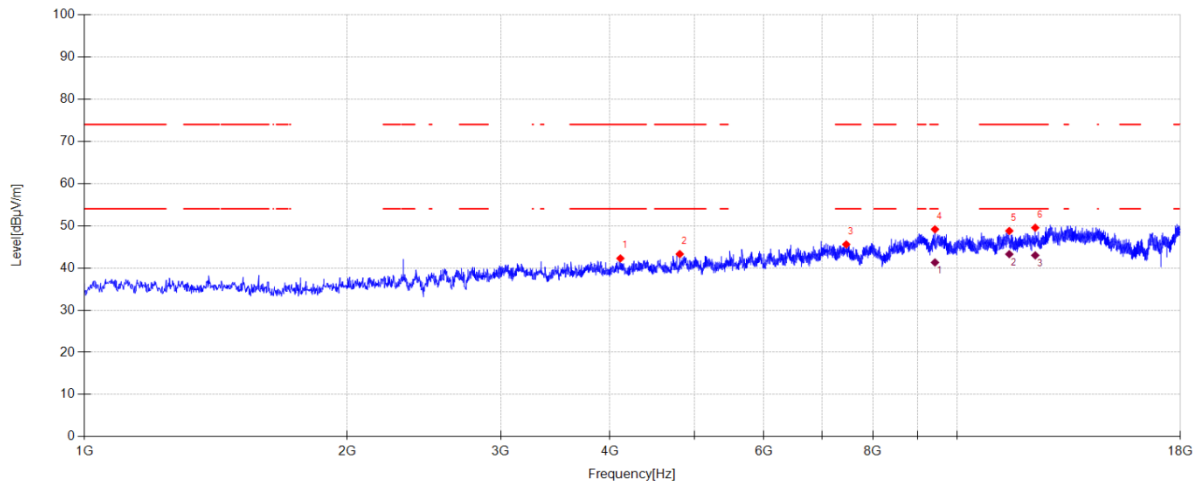
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-12 **Tested By:** Nan Zhong
Test Mode: TX BLE 2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:65.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\13
Memo: Sample Number: S26052025-004 Right side

**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	4111.000	46.13	31.19	4.65	-39.71	42.26	74.00	31.74	PK	Horizontal
2	4808.000	45.71	32.23	5.12	-39.78	43.28	74.00	30.72	PK	Horizontal
3	7458.300	43.00	36.65	5.78	-39.85	45.58	74.00	28.42	PK	Horizontal
4	9425.200	43.03	38.45	6.74	-39.07	49.15	74.00	24.85	PK	Horizontal
5	11465.200	41.62	39.15	7.60	-39.60	48.77	74.00	25.23	PK	Horizontal
6	12277.800	41.74	39.36	7.81	-39.38	49.53	74.00	24.47	PK	Horizontal

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9425.200	35.17	38.45	6.74	41.29	54.00	12.71	AV	Horizontal
2	11465.200	36.11	39.15	7.60	43.26	54.00	10.74	AV	Horizontal
3	12277.800	35.19	39.36	7.81	42.98	54.00	11.02	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

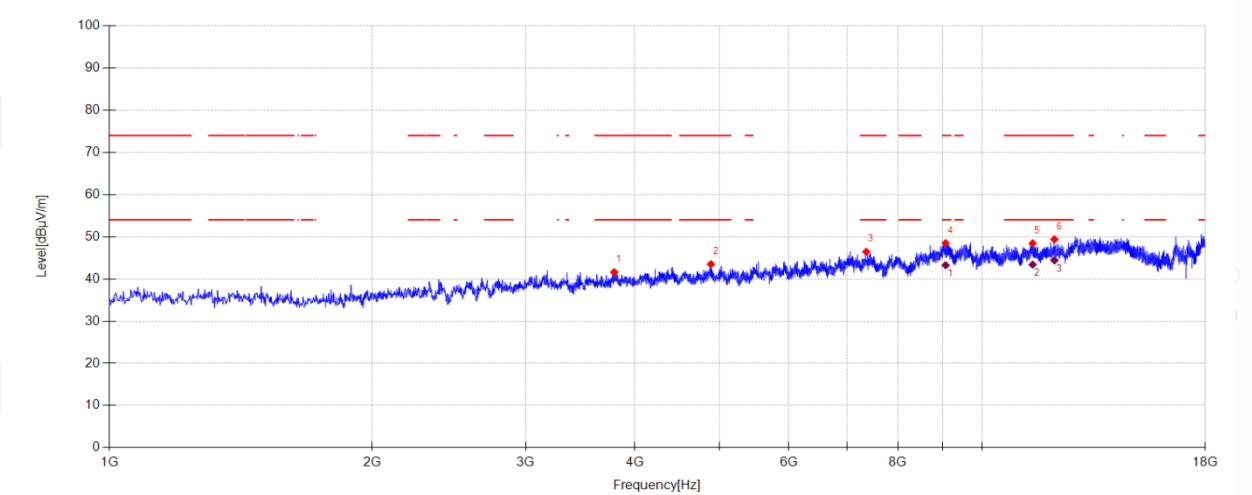
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\14

Memo:

Sample Number: S26052025-004 Right side



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	3786.300	46.08	30.60	4.54	-39.61	41.61	74.00	32.39	PK	Vertical
2	4886.200	45.07	33.04	5.17	-39.79	43.49	74.00	30.51	PK	Vertical
3	7359.700	43.60	36.94	5.75	-39.86	46.43	74.00	27.57	PK	Vertical
4	9075.000	41.90	38.45	6.79	-38.68	48.46	74.00	25.54	PK	Vertical
5	11415.900	40.82	39.64	7.58	-39.60	48.44	74.00	25.56	PK	Vertical
6	12089.100	41.65	39.45	7.81	-39.53	49.38	74.00	24.62	PK	Vertical

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9075.000	36.68	38.45	6.79	43.24	54.00	10.76	AV	Vertical
2	11415.900	35.77	39.64	7.58	43.39	54.00	10.61	AV	Vertical
3	12089.100	36.66	39.45	7.81	44.39	54.00	9.61	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

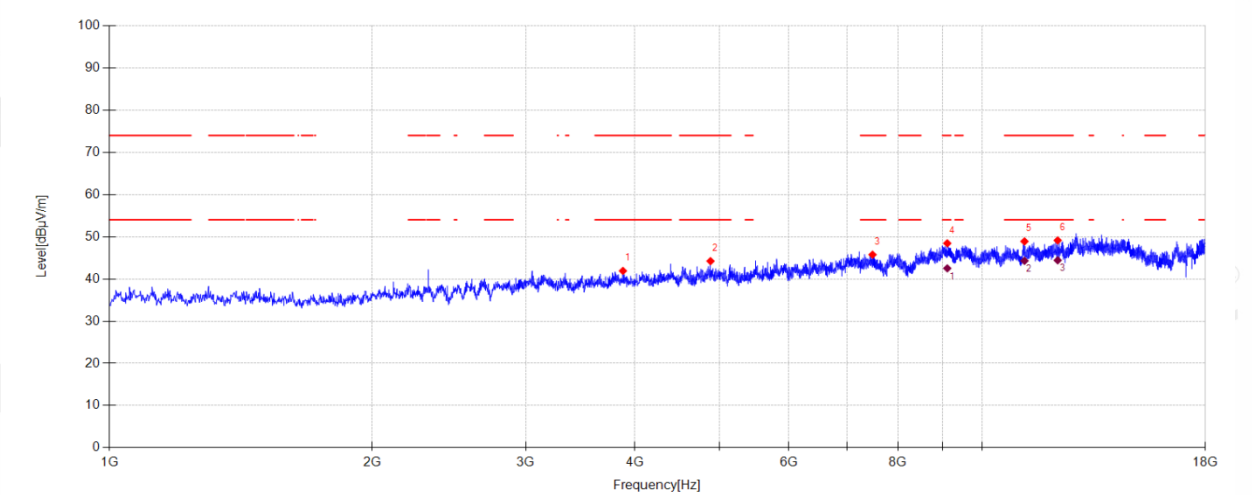
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\11

Memo:

Sample Number: S26052025-004 Right side



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	3874.700	46.41	30.60	4.55	-39.65	41.91	74.00	32.09	PK	Horizontal
2	4881.100	45.82	33.02	5.17	-39.79	44.22	74.00	29.78	PK	Horizontal
3	7483.800	43.01	36.80	5.79	-39.85	45.75	74.00	28.25	PK	Horizontal
4	9114.100	42.10	38.28	6.79	-38.73	48.44	74.00	25.56	PK	Horizontal
5	11172.800	42.18	38.83	7.48	-39.60	48.89	74.00	25.11	PK	Horizontal
6	12194.500	41.54	39.22	7.81	-39.44	49.13	74.00	24.87	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9114.100	36.17	38.28	6.79	42.51	54.00	11.49	AV	Horizontal	
2	11172.800	37.58	38.83	7.48	44.29	54.00	9.71	AV	Horizontal	
3	12194.500	36.82	39.22	7.81	44.41	54.00	9.59	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

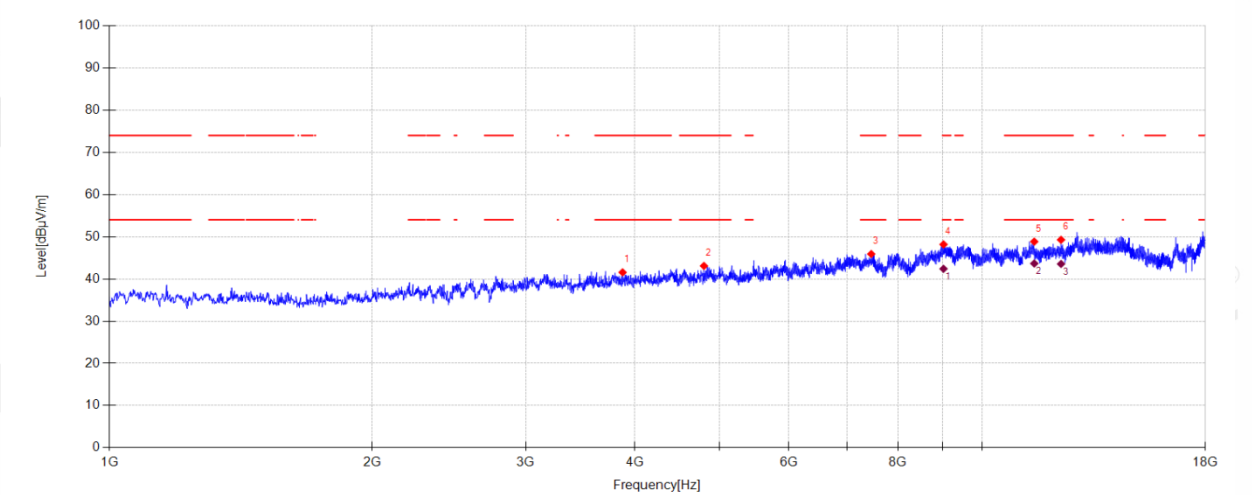
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\12

Memo:

Sample Number: S26052025-004 Right side



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	3871.300	46.10	30.56	4.55	-39.65	41.56	74.00	32.44	PK	Vertical
2	4797.800	45.65	32.10	5.11	-39.78	43.08	74.00	30.92	PK	Vertical
3	7458.300	43.33	36.65	5.78	-39.85	45.91	74.00	28.09	PK	Vertical
4	9024.000	41.31	38.69	6.80	-38.63	48.17	74.00	25.83	PK	Vertical
5	11463.500	41.67	39.17	7.60	-39.60	48.84	74.00	25.16	PK	Vertical
6	12303.300	41.43	39.39	7.81	-39.36	49.27	74.00	24.73	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9024.000	35.53	38.69	6.80	42.39	54.00	11.61	AV	Vertical
2	11463.500	36.48	39.17	7.60	43.65	54.00	10.35	AV	Vertical
3	12303.300	35.71	39.39	7.81	43.55	54.00	10.45	AV	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

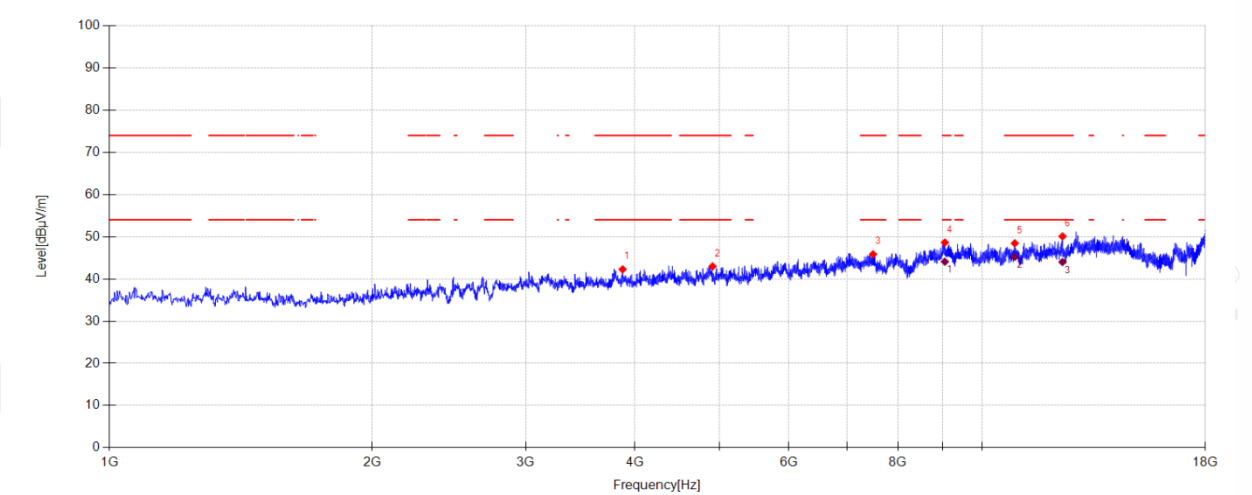
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\9

Memo:

Sample Number: S26052025-004 Right side



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	3871.300	46.82	30.56	4.55	-39.65	42.28	74.00	31.72	PK	Horizontal
2	4908.300	44.48	33.10	5.19	-39.79	42.98	74.00	31.02	PK	Horizontal
3	7494.000	43.04	36.86	5.79	-39.85	45.84	74.00	28.16	PK	Horizontal
4	9056.300	41.70	38.79	6.79	-38.66	48.62	74.00	25.38	PK	Horizontal
5	10890.600	41.19	39.54	7.33	-39.61	48.45	74.00	25.55	PK	Horizontal
6	12350.900	42.34	39.25	7.81	-39.32	50.08	74.00	23.92	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	9056.300	37.16	38.79	6.79	44.08	54.00	9.92	AV	Horizontal	
2	10890.600	37.97	39.54	7.33	45.23	54.00	8.77	AV	Horizontal	
3	12350.900	36.26	39.25	7.81	44.00	54.00	10.00	AV	Horizontal	

Note:

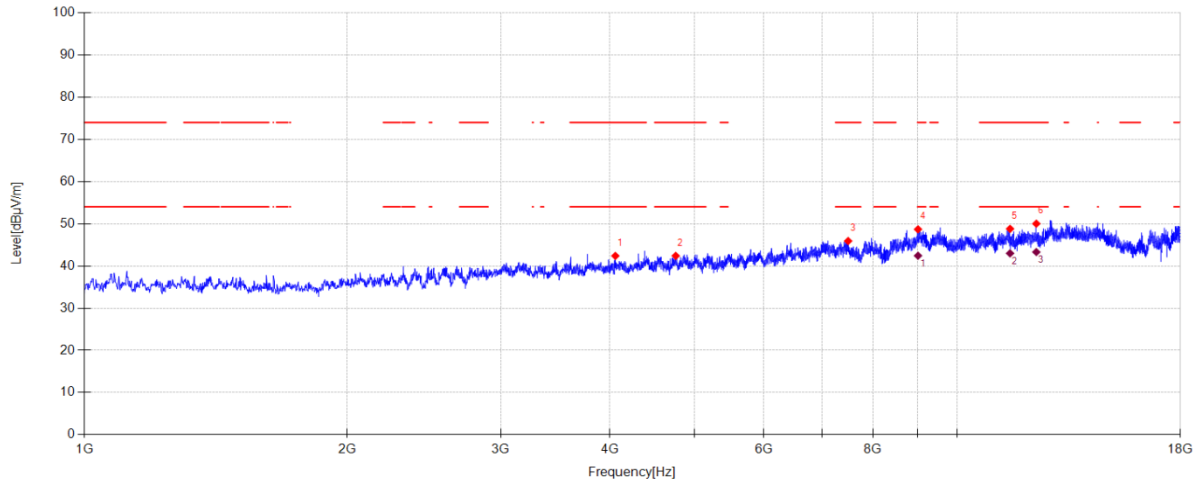
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-12 **Tested By:** Nan Zhong
Test Mode: TX BLE 2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:21.2°C;Humi:65.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\10
Memo: Sample Number: S26052025-004 Right side



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	4056.600	46.29	31.19	4.61	-39.71	42.38	74.00	31.62	PK	Vertical
2	4757.000	44.89	32.19	5.08	-39.78	42.38	74.00	31.62	PK	Vertical
3	7495.700	43.10	36.87	5.79	-39.85	45.91	74.00	28.09	PK	Vertical
4	9012.100	41.88	38.60	6.80	-38.61	48.67	74.00	25.33	PK	Vertical
5	11487.300	41.85	38.93	7.60	-39.60	48.78	74.00	25.22	PK	Vertical
6	12311.800	42.19	39.36	7.81	-39.35	50.01	74.00	23.99	PK	Vertical

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9012.100	35.63	38.60	6.80	42.42	54.00	11.58	AV	Vertical
2	11487.300	36.05	38.93	7.60	42.98	54.00	11.02	AV	Vertical
3	12311.800	35.47	39.36	7.81	43.29	54.00	10.71	AV	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:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

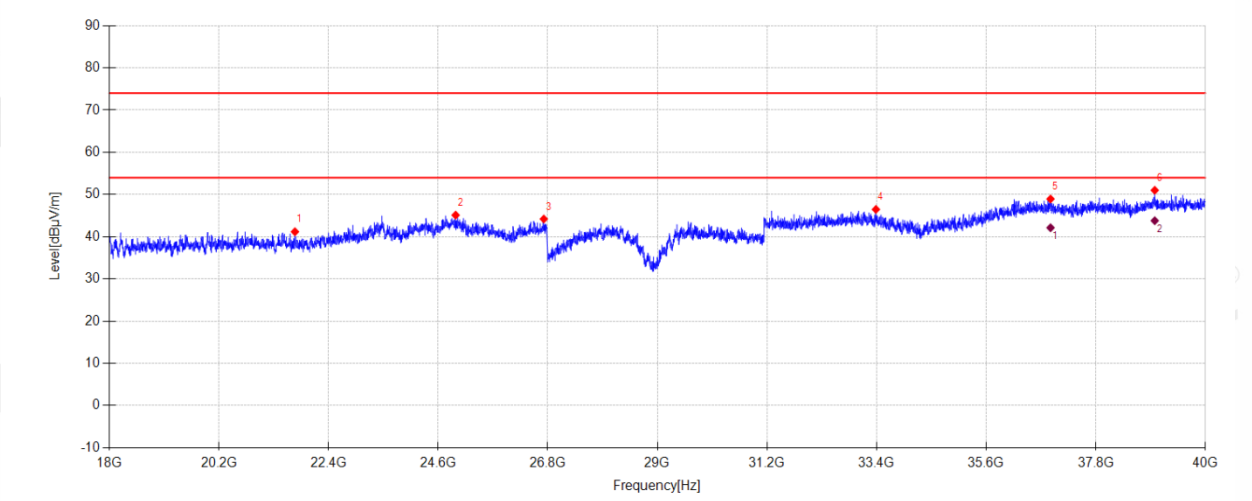
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\7

Memo:

Sample Number: S26052025-004 Left side



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	21725.308	49.72	38.47	4.04	41.18	74.00	32.82	PK	Horizontal
2	24951.044	50.64	39.58	4.74	45.11	74.00	28.89	PK	Horizontal
3	26721.035	49.33	39.59	4.82	44.20	74.00	29.80	PK	Horizontal
4	33387.376	47.87	41.75	5.49	46.47	74.00	27.53	PK	Horizontal
5	36892.443	49.24	42.89	6.13	48.94	74.00	25.06	PK	Horizontal
6	38984.739	48.49	45.87	6.57	51.00	74.00	23.00	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36892.443	42.43	42.89	6.13	42.13	54.00	11.87	AV	Horizontal
2	38984.739	41.28	45.87	6.57	43.79	54.00	10.21	AV	Horizontal

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

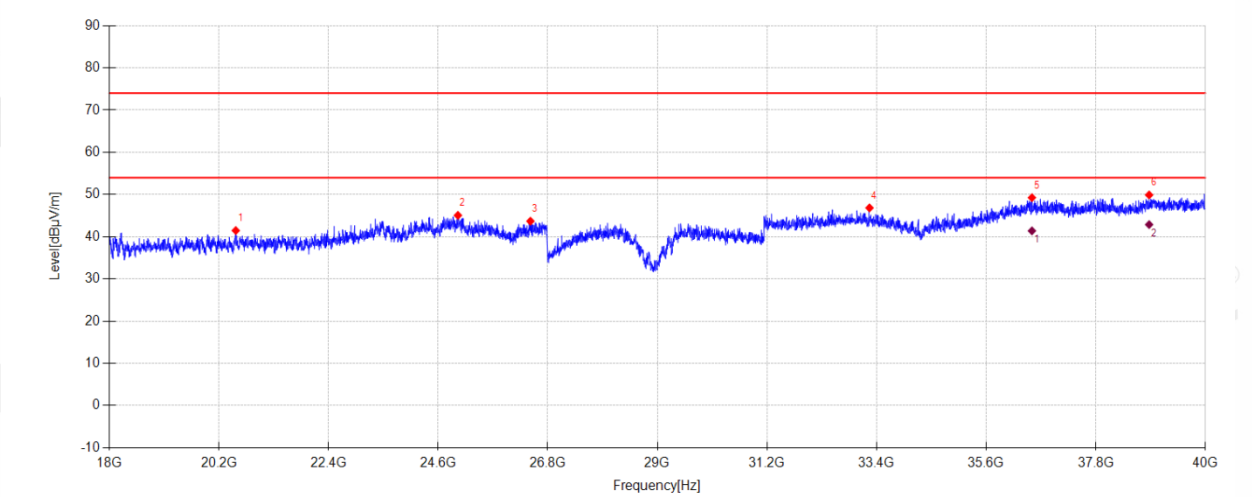
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\8

Memo:

Sample Number: S26052025-004 Left side



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	20538.152	49.48	38.26	3.84	41.46	74.00	32.54	PK	Vertical
2	24996.704	50.55	39.60	4.75	45.06	74.00	28.94	PK	Vertical
3	26452.448	49.13	39.48	4.79	43.68	74.00	30.32	PK	Vertical
4	33258.454	48.09	41.70	5.45	46.83	74.00	27.17	PK	Vertical
5	36519.106	49.21	42.85	6.43	49.25	74.00	24.75	PK	Vertical
6	38871.933	47.68	45.64	6.39	49.89	74.00	24.11	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36519.106	41.35	42.85	6.43	41.39	54.00	12.61	AV	Vertical
2	38871.933	40.66	45.64	6.39	42.87	54.00	11.13	AV	Vertical

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

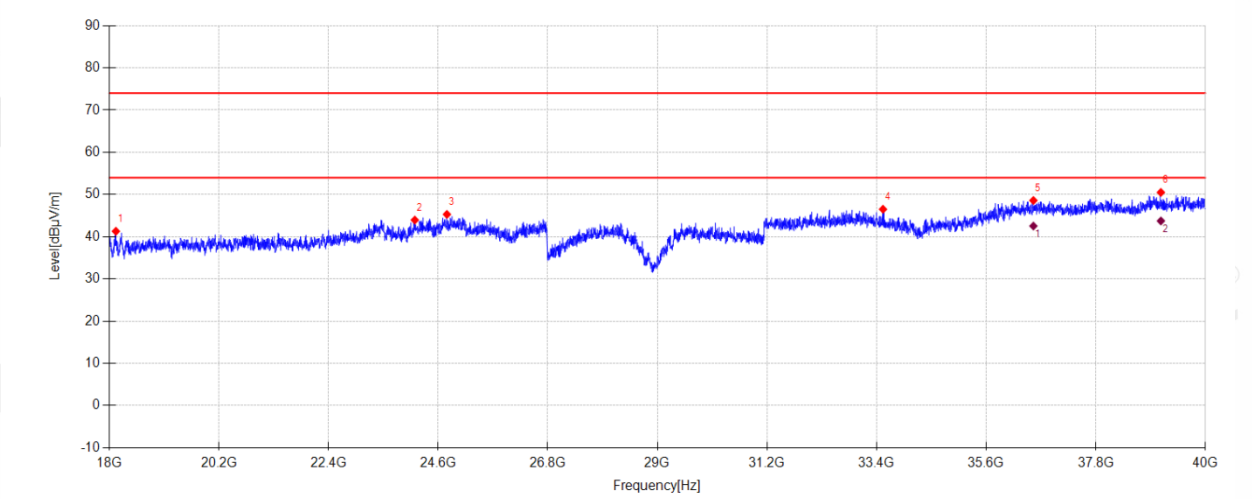
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\5

Memo:

Sample Number: S26052025-004 Left side



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	18131.608	47.59	37.94	3.87	41.29	74.00	32.71	PK	Horizontal
2	24131.852	50.36	39.17	4.52	43.95	74.00	30.05	PK	Horizontal
3	24776.462	51.01	39.49	4.70	45.29	74.00	28.71	PK	Horizontal
4	33529.728	48.08	41.81	5.51	46.51	74.00	27.49	PK	Horizontal
5	36548.651	48.58	42.85	6.41	48.59	74.00	25.41	PK	Horizontal
6	39108.290	48.01	45.99	6.60	50.50	74.00	23.50	PK	Horizontal

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36548.651	42.52	42.85	6.41	42.53	54.00	11.47	AV	Horizontal
2	39108.290	41.25	45.99	6.60	43.74	54.00	10.26	AV	Horizontal

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

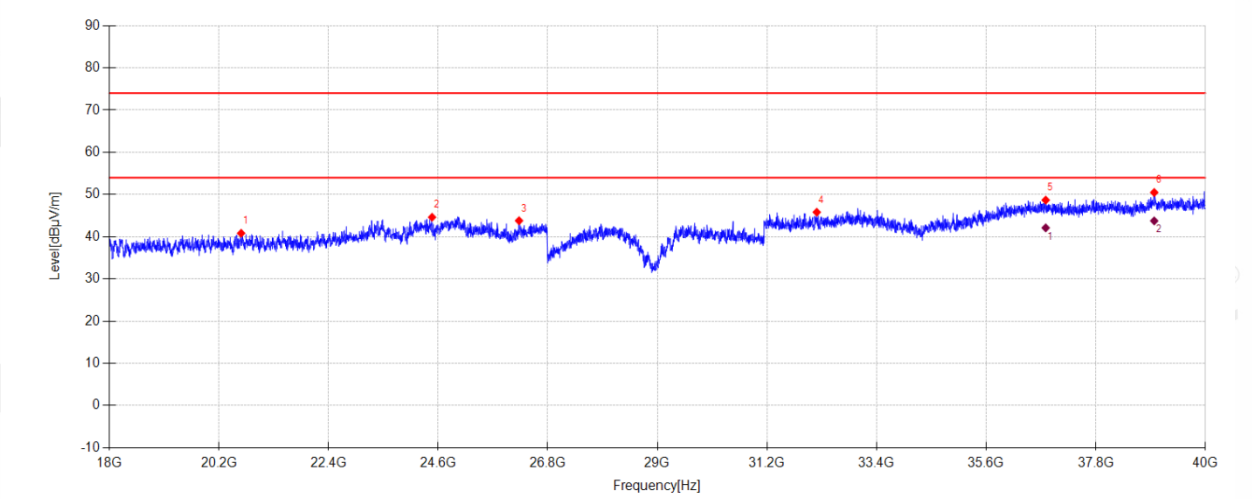
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\6

Memo:

Sample Number: S26052025-004 Left side



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	20645.587	48.95	38.29	3.80	40.82	74.00	33.18	PK	Vertical
2	24478.330	50.65	39.34	4.63	44.62	74.00	29.38	PK	Vertical
3	26224.148	49.44	39.39	4.84	43.79	74.00	30.21	PK	Vertical
4	32200.220	47.11	41.28	5.28	45.81	74.00	28.19	PK	Vertical
5	36795.751	48.89	42.88	6.21	48.68	74.00	25.32	PK	Vertical
6	38973.996	48.01	45.85	6.55	50.49	74.00	23.51	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36795.751	42.31	42.88	6.21	42.10	54.00	11.90	AV	Vertical
2	38973.996	41.27	45.85	6.55	43.75	54.00	10.25	AV	Vertical

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

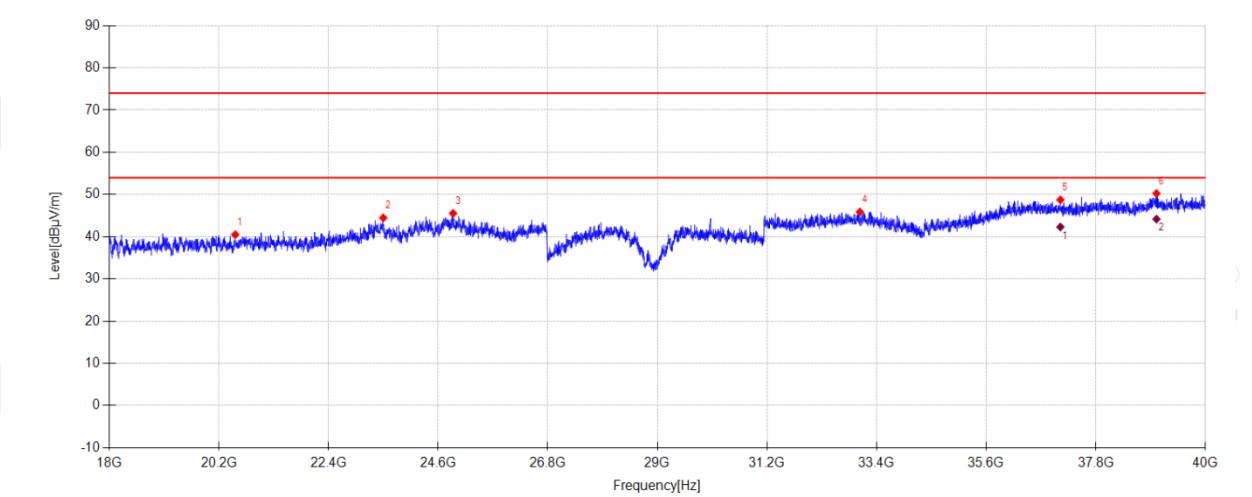
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\1

Memo:

Sample Number: S26052025-004 Right side



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	20527.408	48.49	38.26	3.85	40.49	74.00	33.51	PK	Horizontal
2	23497.986	51.35	39.20	4.70	44.46	74.00	29.54	PK	Horizontal
3	24900.012	51.13	39.55	4.73	45.54	74.00	28.46	PK	Horizontal
4	33065.071	46.91	41.63	5.38	45.86	74.00	28.14	PK	Horizontal
5	37091.198	49.20	42.99	5.86	48.74	74.00	25.26	PK	Horizontal
6	39019.656	47.70	45.92	6.59	50.24	74.00	23.76	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	37091.198	42.76	42.99	5.86	42.30	54.00	11.70	AV	Horizontal
2	39019.656	41.63	45.92	6.59	44.17	54.00	9.83	AV	Horizontal

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

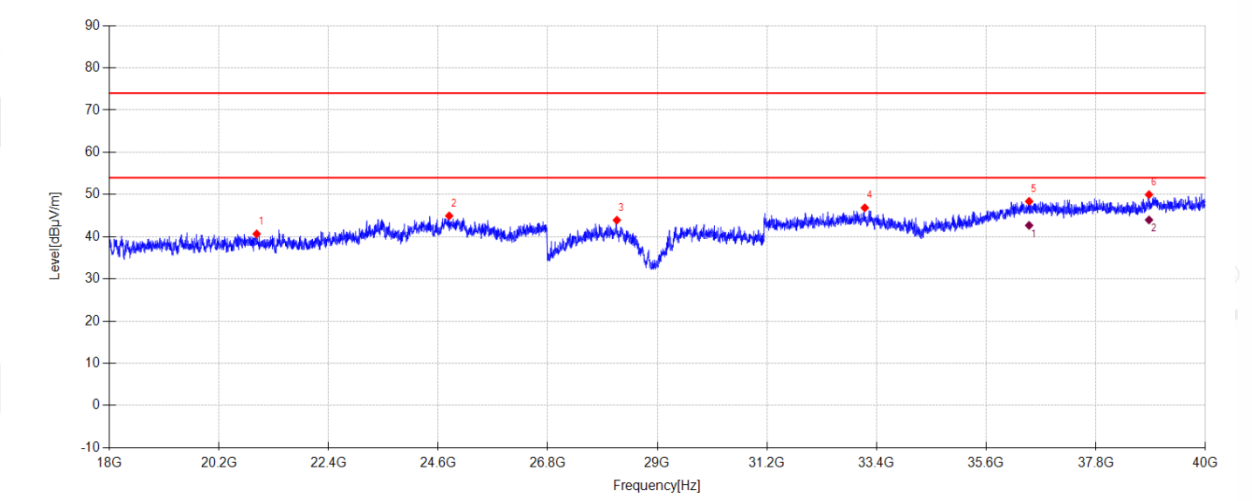
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\2

Memo:

Sample Number: S26052025-004 Right side



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	20957.148	49.10	38.39	3.68	40.67	74.00	33.33	PK	Vertical
2	24822.122	50.60	39.51	4.71	44.93	74.00	29.07	PK	Vertical
3	28187.523	46.74	40.13	4.92	43.92	74.00	30.08	PK	Vertical
4	33164.449	48.00	41.67	5.42	46.85	74.00	27.15	PK	Vertical
5	36462.703	48.35	42.85	6.40	48.37	74.00	25.63	PK	Vertical
6	38869.247	47.77	45.64	6.38	49.97	74.00	24.03	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36462.703	42.66	42.85	6.40	42.68	54.00	11.32	AV	Vertical
2	38869.247	41.78	45.64	6.38	43.98	54.00	10.02	AV	Vertical

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

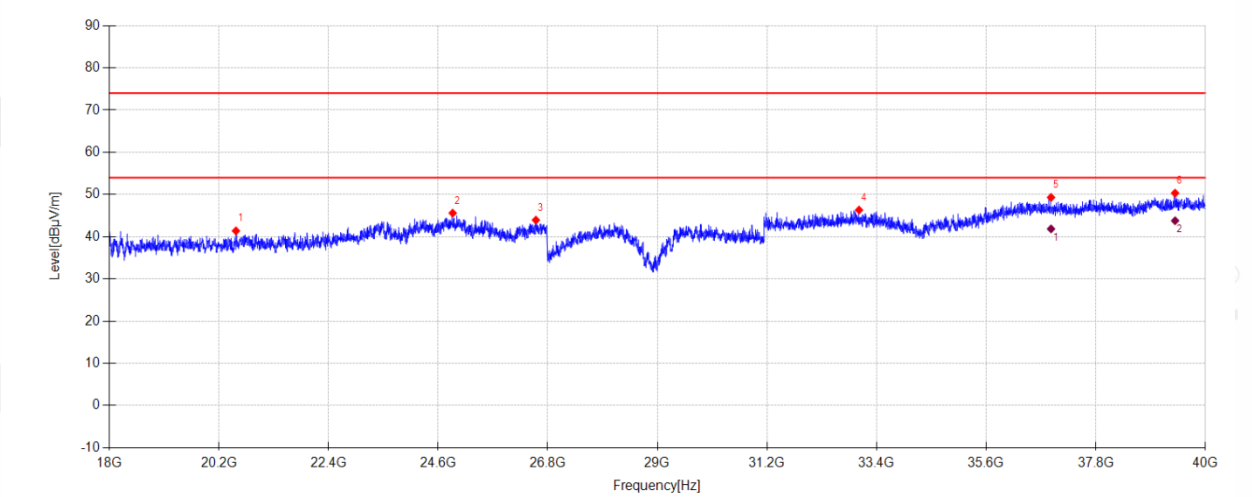
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\3

Memo:

Sample Number: S26052025-004 Right side



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	20540.838	49.41	38.26	3.84	41.38	74.00	32.62	PK	Horizontal
2	24891.955	51.19	39.55	4.73	45.60	74.00	28.40	PK	Horizontal
3	26562.569	49.27	39.53	4.79	43.94	74.00	30.06	PK	Horizontal
4	33048.956	47.36	41.62	5.38	46.33	74.00	27.67	PK	Horizontal
5	36903.186	49.62	42.89	6.12	49.31	74.00	24.69	PK	Horizontal
6	39392.992	48.01	46.21	6.64	50.33	74.00	23.67	PK	Horizontal

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36903.186	42.16	42.89	6.12	41.85	54.00	12.15	AV	Horizontal
2	39392.992	41.47	46.21	6.64	43.79	54.00	10.21	AV	Horizontal

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-16

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:45.2%

Test Site:

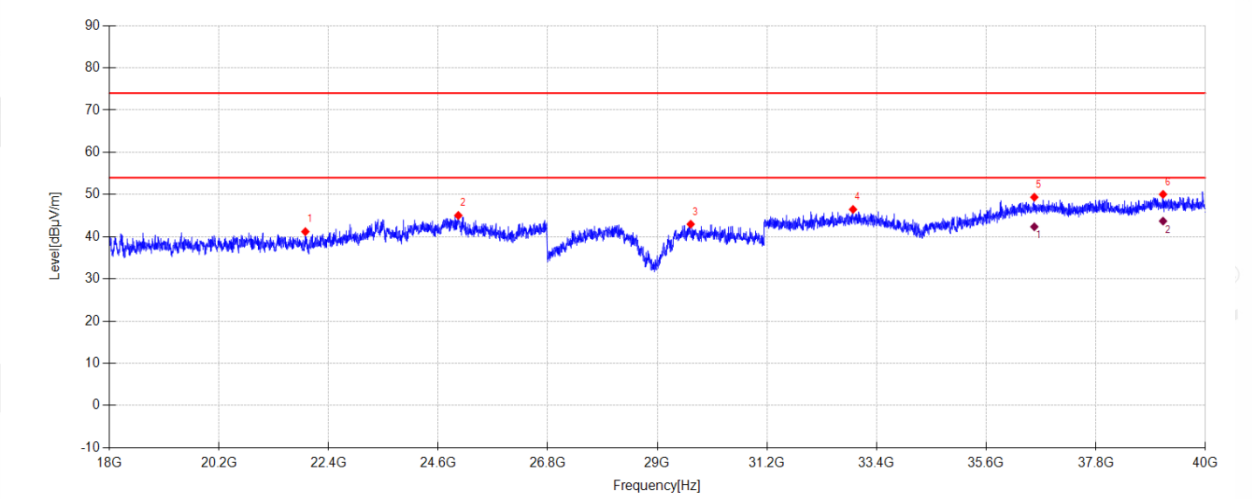
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052025\FCC ABOVE1G BLE 18-40G\4

Memo:

Sample Number: S26052025-004 Right side



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	21934.806	49.73	38.49	4.17	41.20	74.00	32.80	PK	Vertical
2	25004.761	50.52	39.60	4.75	45.03	74.00	28.97	PK	Vertical
3	29670.126	44.64	40.63	5.04	42.97	74.00	31.03	PK	Vertical
4	32928.092	47.50	41.57	5.33	46.47	74.00	27.53	PK	Vertical
5	36567.452	49.36	42.86	6.39	49.36	74.00	24.64	PK	Vertical
6	39151.264	47.58	46.02	6.61	50.04	74.00	23.96	PK	Vertical

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36567.452	42.35	42.86	6.39	42.35	54.00	11.65	AV	Vertical
2	39151.264	41.24	46.02	6.61	43.70	54.00	10.30	AV	Vertical

Note:

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

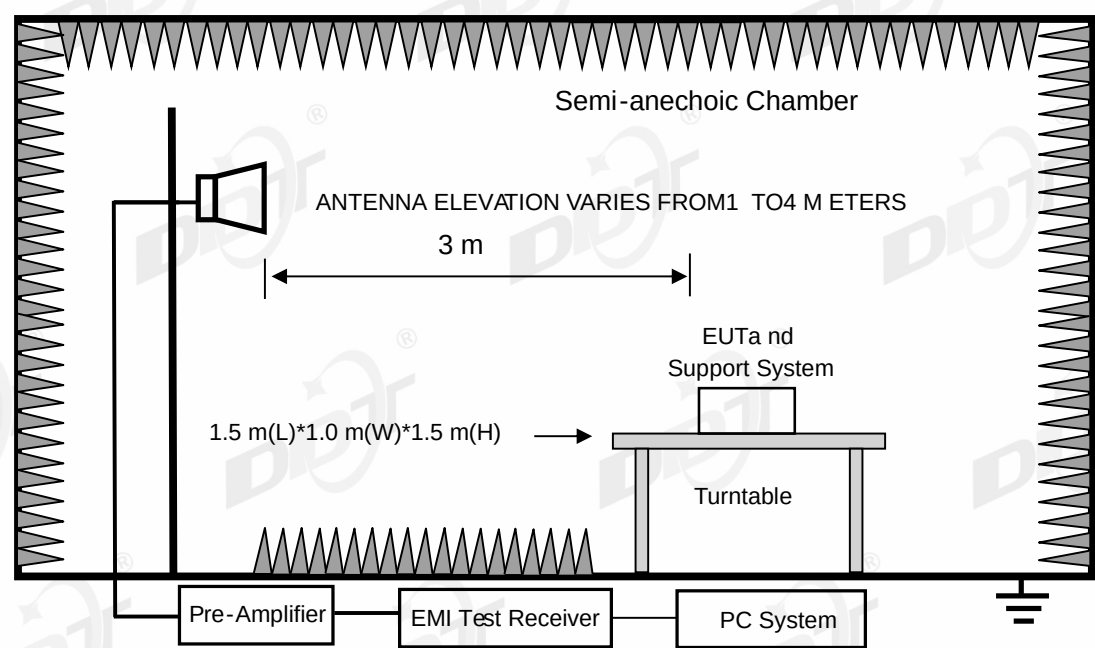
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-10M	DDT-ZC05591	2026/10/10
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-3M	DDT-ZC05590	2026/10/10
RF cable	Zhongke Junchuang	JCTB510-NJW-NJW-0.6M	DDT-ZC04595	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-5M	DDT-ZC03800	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS32-RE (V5.0.0)	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	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

13.2. Block diagram of test setup



13.3. 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.

13.4. Assistant equipment used for test

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

13.5. 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.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Li Xiongbin

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

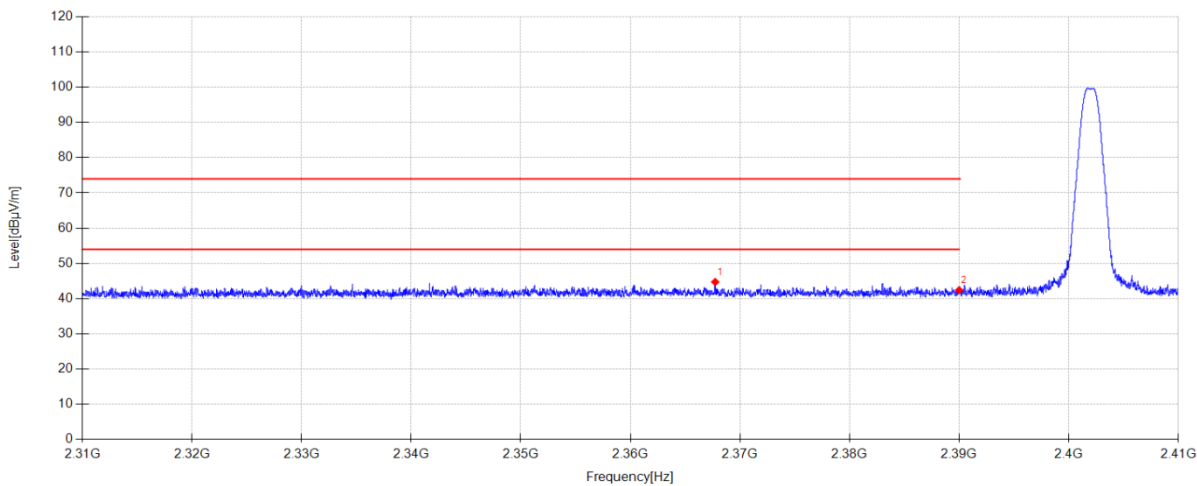
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\37

Memo:

Sample Number: S26052025-004 Left side



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	2367.740	13.39	27.59	3.75	0.00	44.73	74.00	29.27	PK	Horizontal
2	2390.000	11.16	27.46	3.78	0.00	42.40	74.00	31.60	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

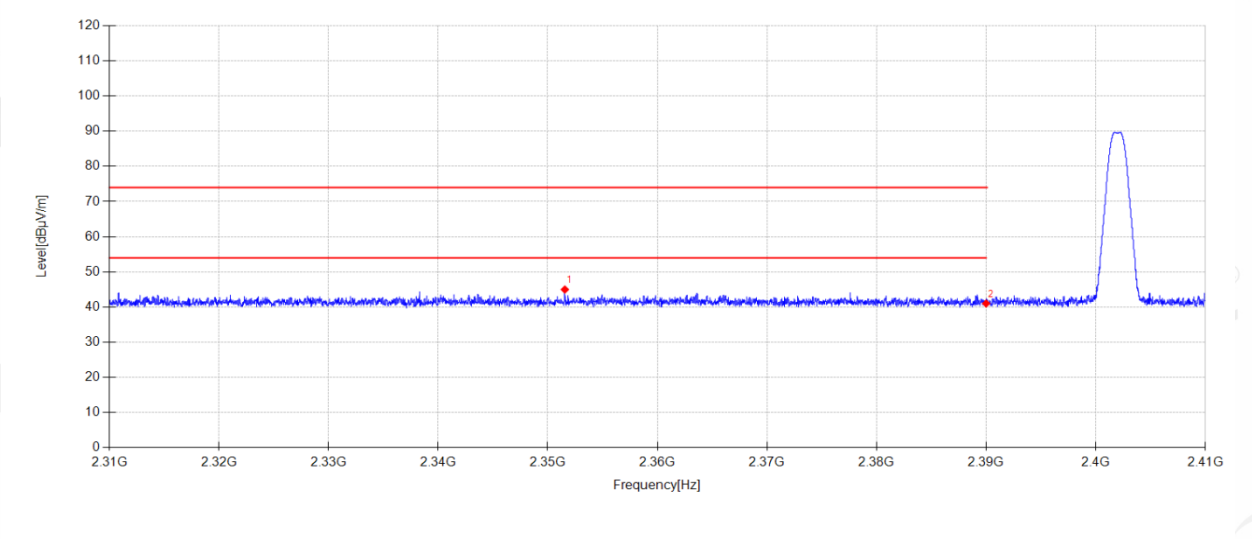
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\38

Memo:

Sample Number: S26052025-004 Left side



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	2351.560	13.57	27.69	3.73	0.00	44.99	74.00	29.01	PK	Vertical
2	2390.000	9.78	27.46	3.78	0.00	41.02	74.00	32.98	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

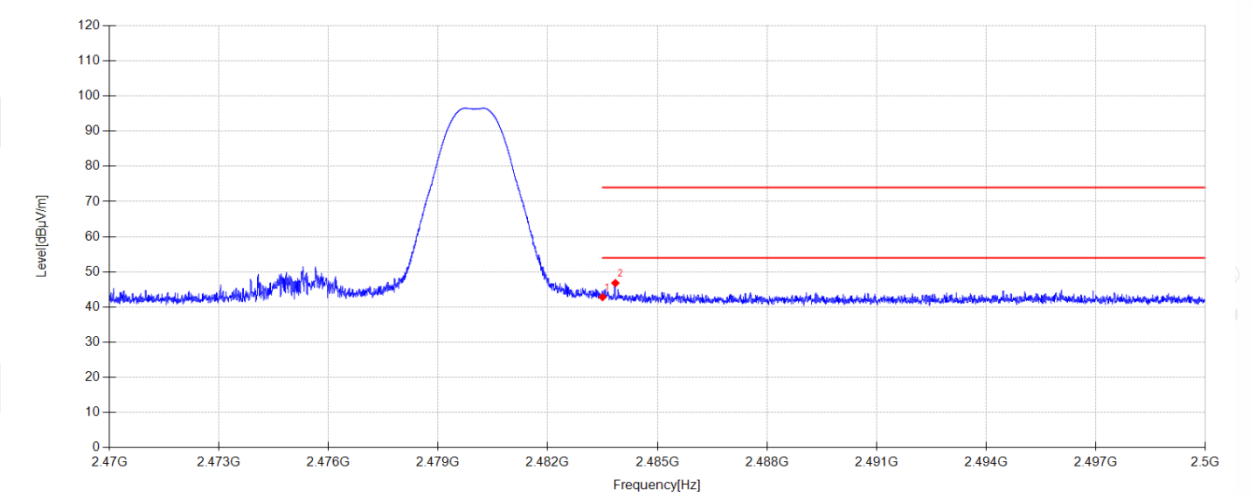
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\35

Memo:

Sample Number: S26052025-004 Left side



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	2483.500	11.41	27.54	3.88	0.00	42.83	74.00	31.17	PK	Horizontal
2	2483.851	15.41	27.54	3.88	0.00	46.83	74.00	27.17	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

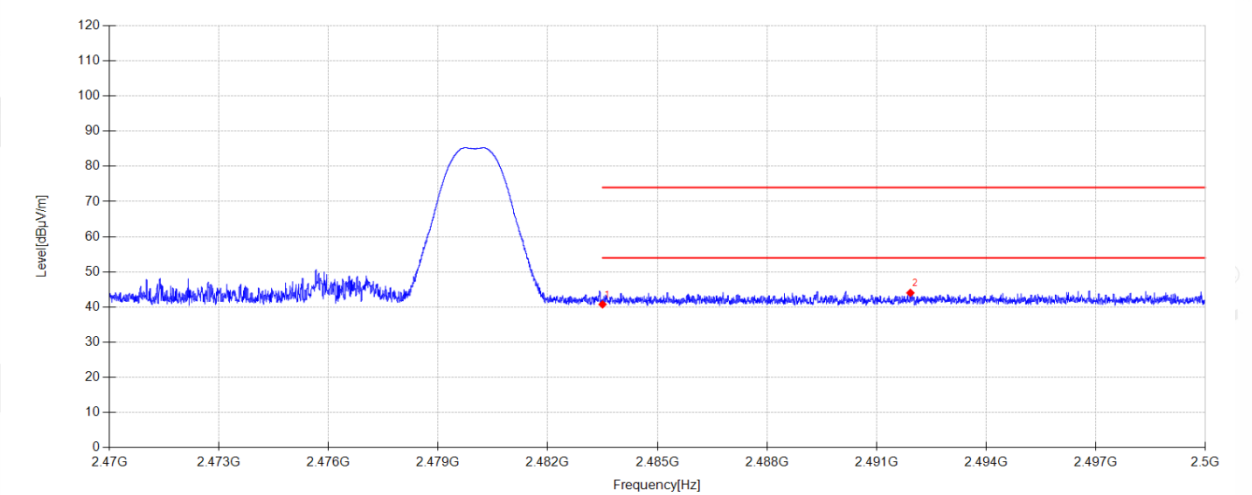
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\36

Memo:

Sample Number: S26052025-004 Left side



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	2483.500	9.34	27.54	3.88	0.00	40.76	74.00	33.24	PK	Vertical
2	2491.927	12.53	27.62	3.89	0.00	44.04	74.00	29.96	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

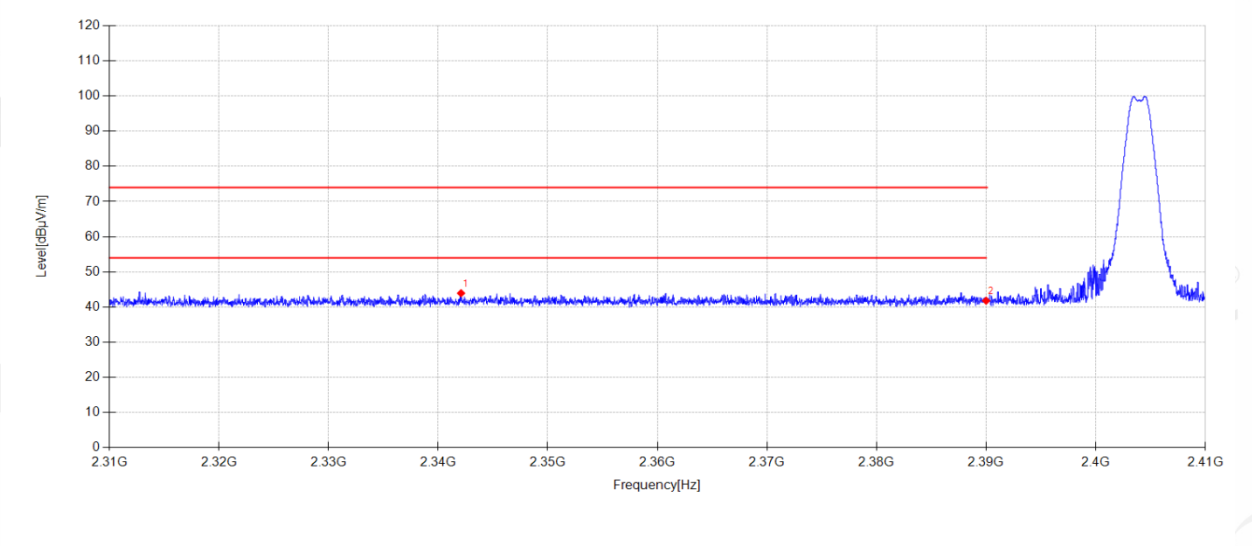
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\39

Memo:

Sample Number: S26052025-004 Left side



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	2342.090	12.55	27.67	3.72	0.00	43.94	74.00	30.06	PK	Horizontal
2	2390.000	10.57	27.46	3.78	0.00	41.81	74.00	32.19	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

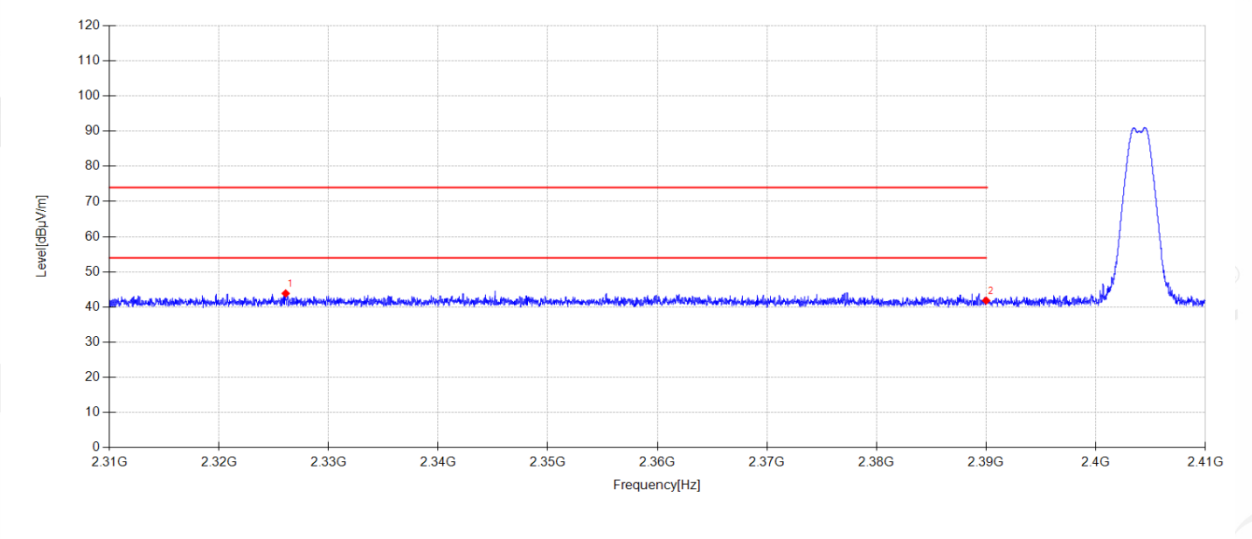
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\40

Memo:

Sample Number: S26052025-004 Left side



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	2326.090	12.57	27.60	3.71	0.00	43.88	74.00	30.12	PK	Vertical
2	2390.000	10.61	27.46	3.78	0.00	41.85	74.00	32.15	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

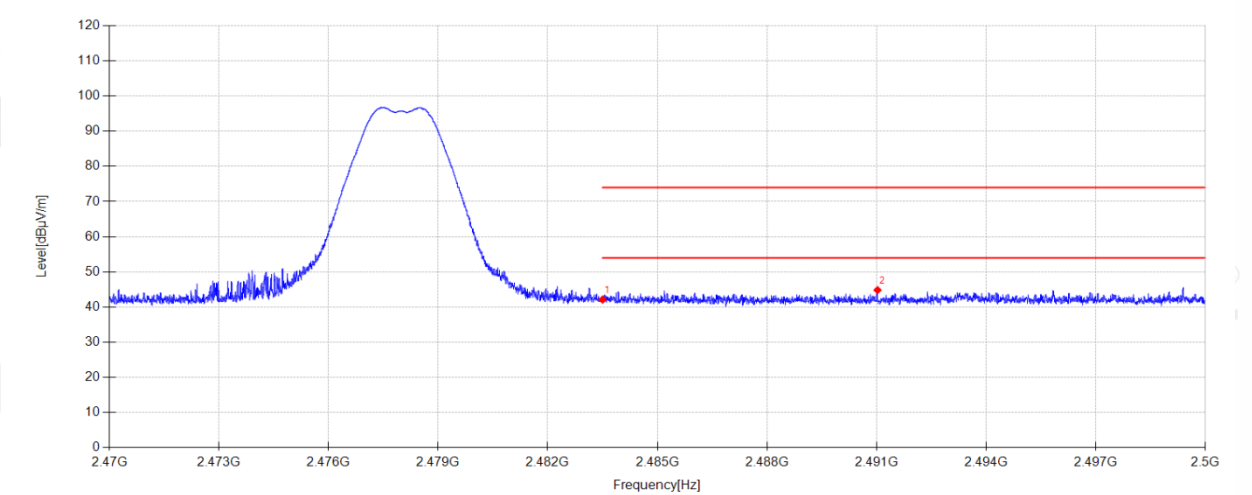
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\41

Memo:

Sample Number: S26052025-004 Left side



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	2483.500	10.70	27.54	3.88	0.00	42.12	74.00	31.88	PK	Horizontal
2	2491.027	13.33	27.61	3.89	0.00	44.83	74.00	29.17	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:

2026-06-15

Tested By:

Li Xiongbín

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

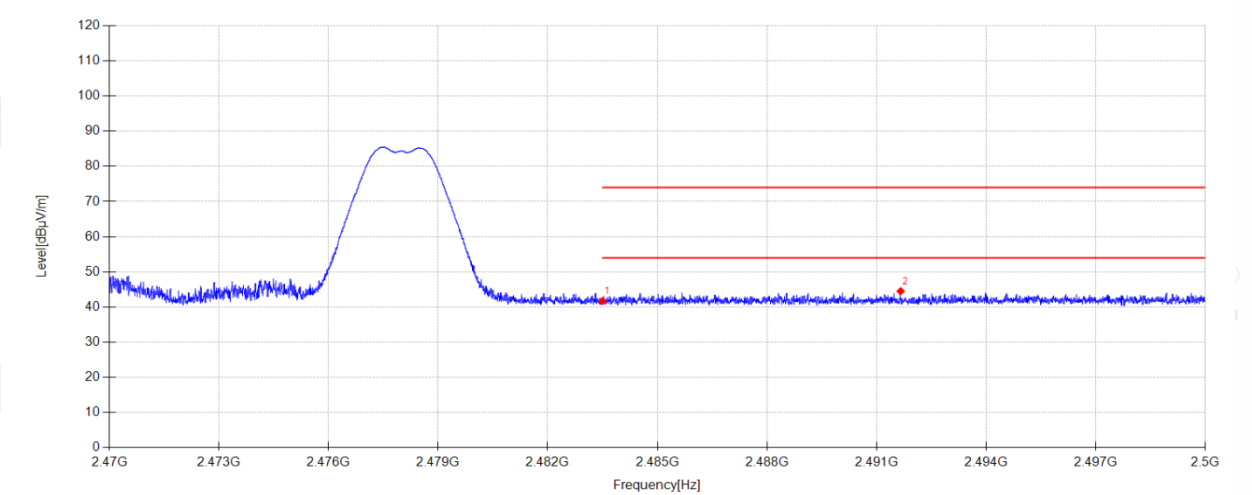
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\42

Memo:

Sample Number: S26052025-004 Left side



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	2483.500	10.29	27.54	3.88	0.00	41.71	74.00	32.29	PK	Vertical
2	2491.660	13.00	27.62	3.89	0.00	44.51	74.00	29.49	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

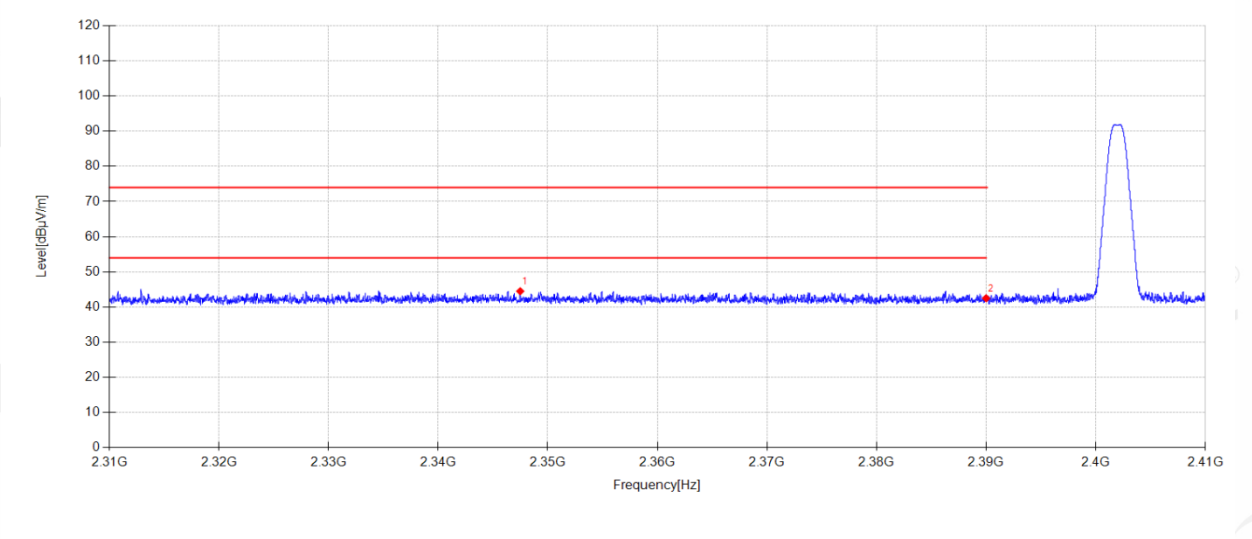
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\15

Memo:

Sample Number: S26052025-004 Right side



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	2347.490	13.09	27.69	3.73	0.00	44.51	74.00	29.49	PK	Horizontal
2	2390.000	11.26	27.46	3.78	0.00	42.50	74.00	31.50	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

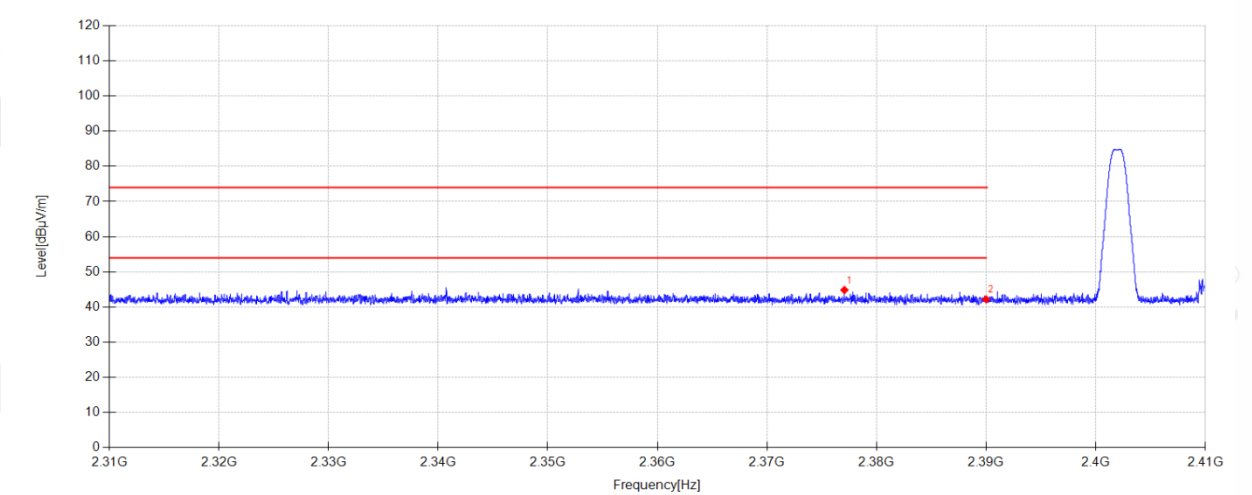
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\16

Memo:

Sample Number: S26052025-004 Right side



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	2377.070	13.56	27.54	3.76	0.00	44.86	74.00	29.14	PK	Vertical
2	2390.000	10.95	27.46	3.78	0.00	42.19	74.00	31.81	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

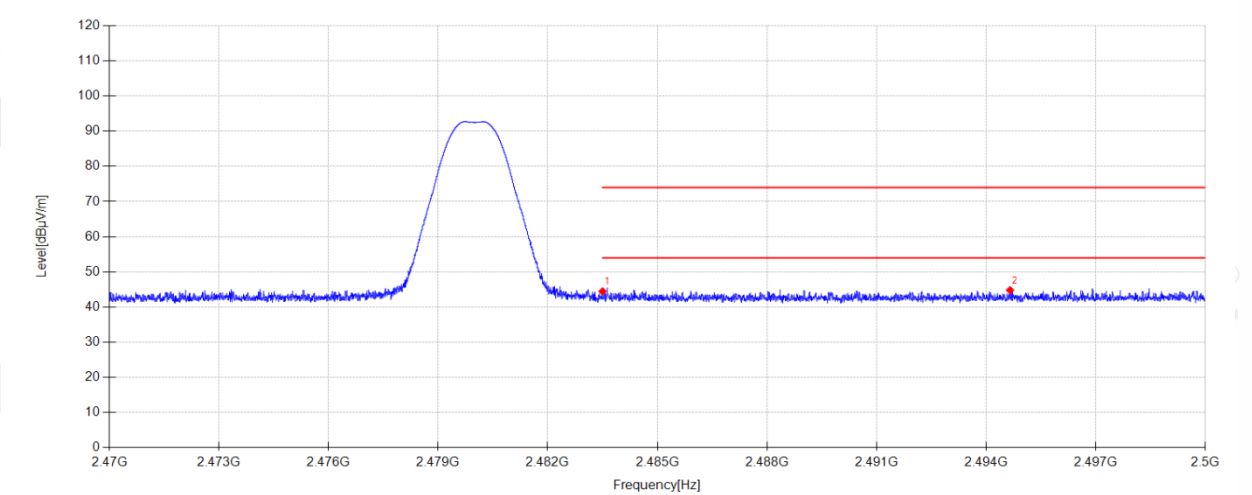
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\17

Memo:

Sample Number: S26052025-004 Right side



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	2483.500	13.05	27.54	3.88	0.00	44.47	74.00	29.53	PK	Horizontal
2	2494.654	13.27	27.65	3.89	0.00	44.81	74.00	29.19	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:

2026-06-12

Tested By:

Nan Zhong

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

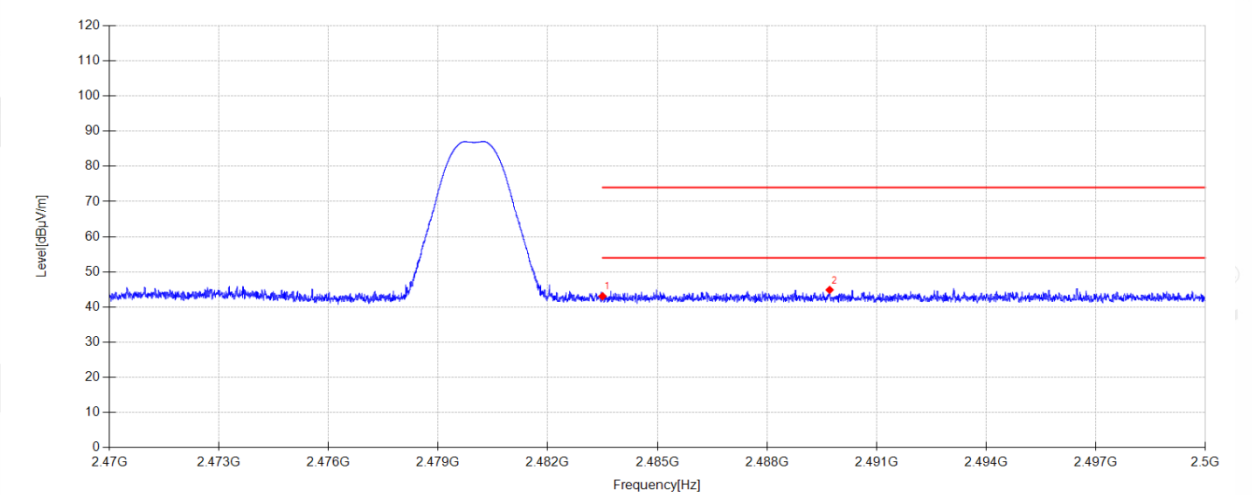
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\18

Memo:

Sample Number: S26052025-004 Right side



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	2483.500	11.66	27.54	3.88	0.00	43.08	74.00	30.92	PK	Vertical
2	2489.716	13.40	27.60	3.88	0.00	44.88	74.00	29.12	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:

2026-06-15

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

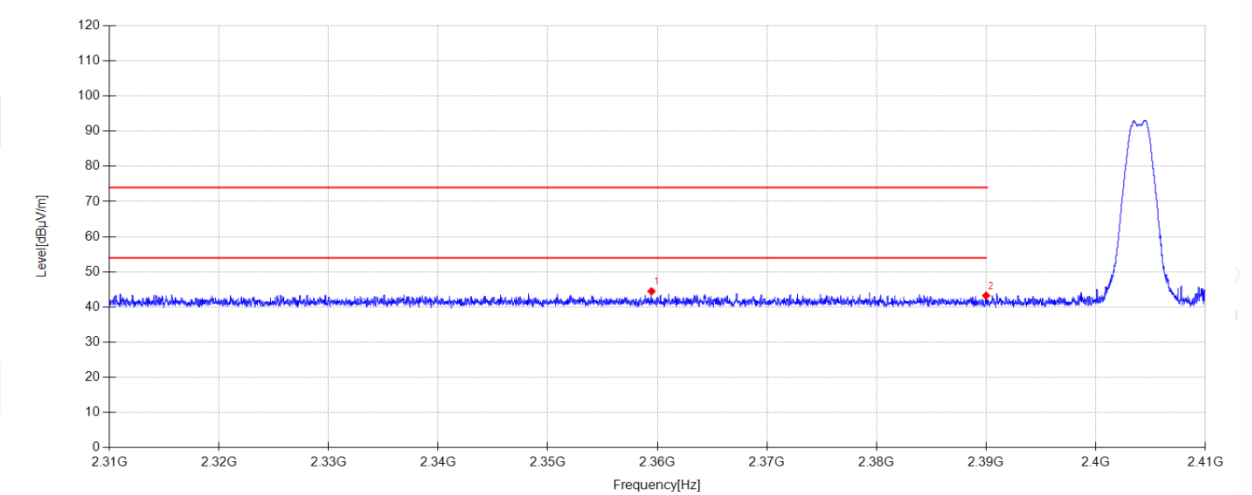
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\19

Memo:

Sample Number: S26052025-004 Right side



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	2359.470	13.11	27.64	3.74	0.00	44.49	74.00	29.51	PK	Horizontal
2	2390.000	12.03	27.46	3.78	0.00	43.27	74.00	30.73	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:

2026-06-15

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

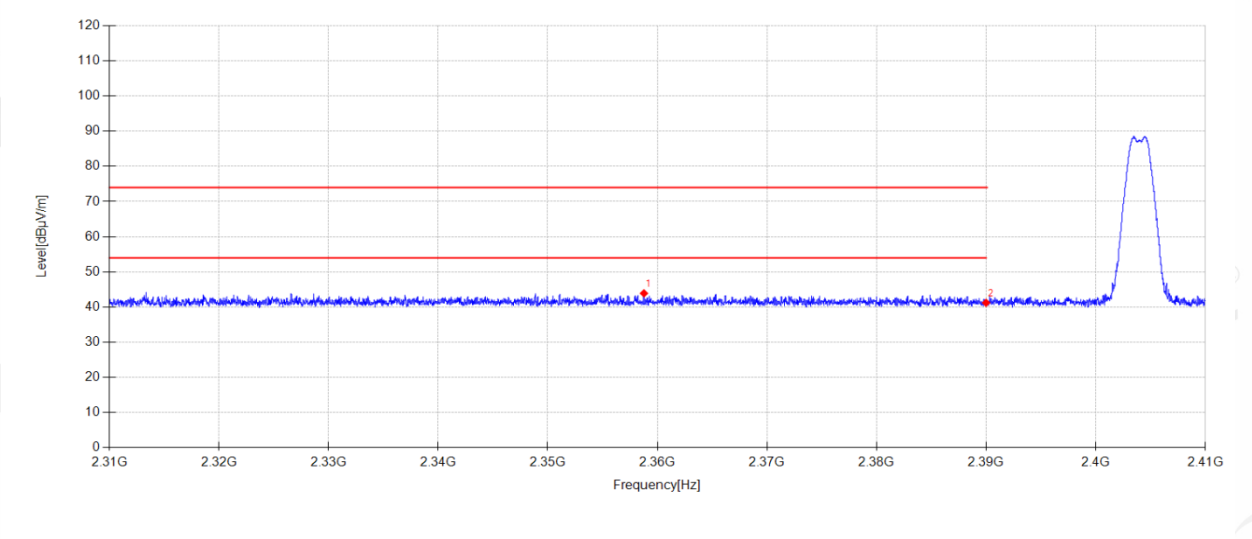
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\20

Memo:

Sample Number: S26052025-004 Right side



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	2358.780	12.52	27.65	3.74	0.00	43.91	74.00	30.09	PK	Vertical
2	2390.000	9.98	27.46	3.78	0.00	41.22	74.00	32.78	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:

2026-06-15

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

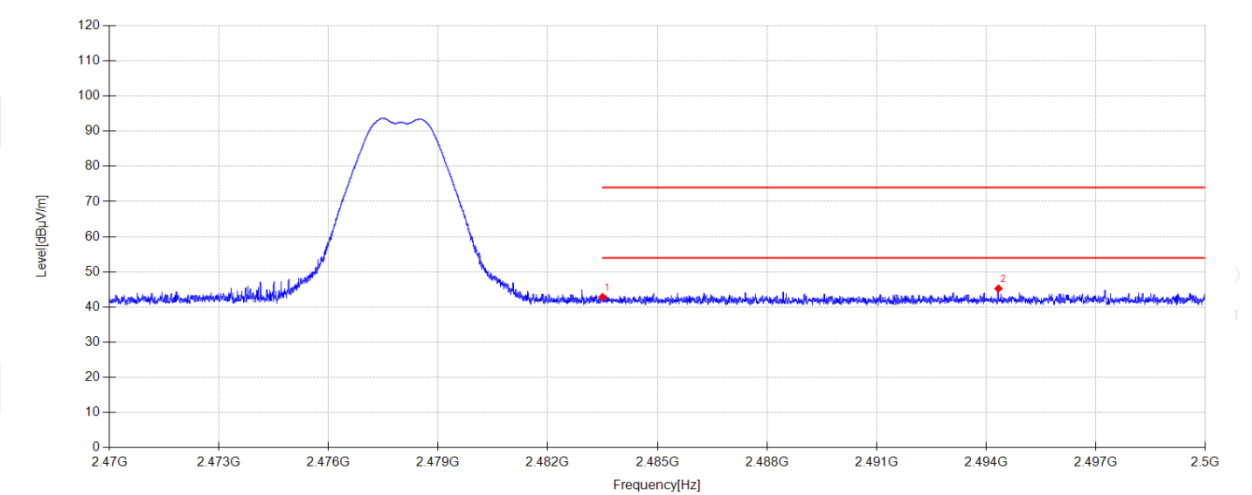
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\21

Memo:

Sample Number: S26052025-004 Right side



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	2483.500	11.42	27.54	3.88	0.00	42.84	74.00	31.16	PK	Horizontal
2	2494.336	13.73	27.64	3.89	0.00	45.26	74.00	28.74	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:

2026-06-15

Tested By:

Nan Zhong

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:21.2°C;Humi:65.1%

Test Site:

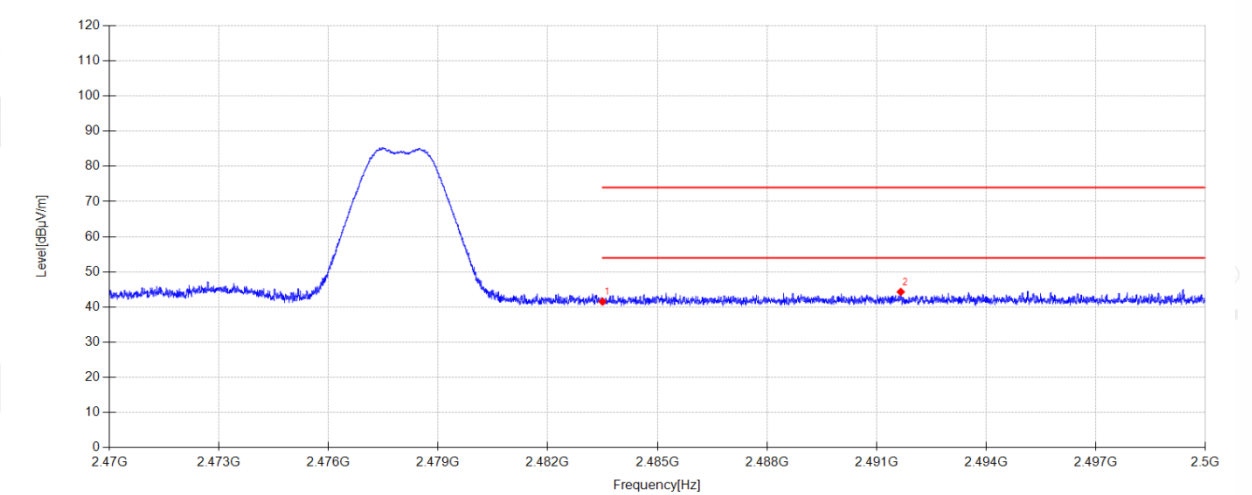
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052025-1E\FCC ABOVE1G BLE\22

Memo:

Sample Number: S26052025-004 Right side



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	2483.500	10.13	27.54	3.88	0.00	41.55	74.00	32.45	PK	Vertical
2	2491.663	12.81	27.62	3.89	0.00	44.32	74.00	29.68	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.

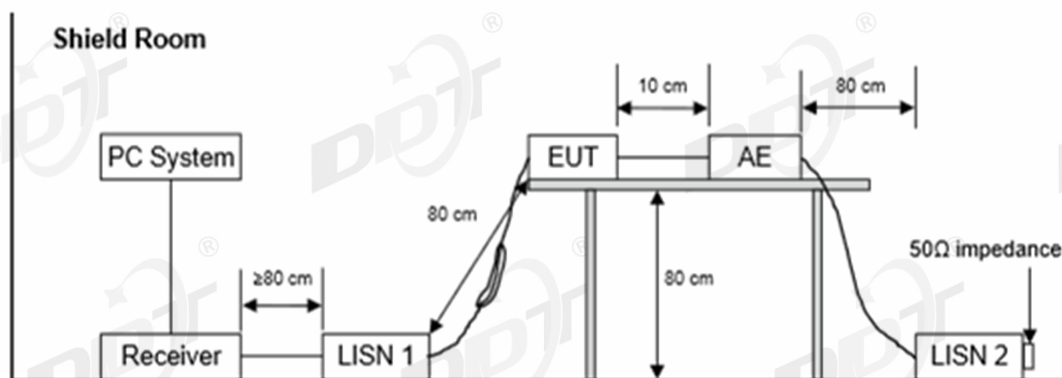
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2027/06/10
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2027/06/14
Pulse Limiter	SCHWARZBECK	ESH3-Z2	DDT-ZC00539	2027/06/10
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2026/07/06
Conducted Radiated Software	Audix	e3	DDT-ZC00562	/
Two-line V-shaped artificial network	ROHDE&SCHWARZ	ENV216	DDT-ZC05693	2026/11/04

14.2. Block diagram of test setup



14.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Adapter	Jiangxi Jian Aohai Technology Co., Ltd.	A860-120150U-US1	Power Adapter	Input: 100-240V~50/60Hz, Output: 5V/3A or 9V/2A or 12V/1.5A

14.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

Note2: “----” means Peak detection; “----” means Average detection.

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

D:\2026 CE Report Data\Q26052025\0609 CE.EM6

Test Date

: 2026-06-09

Tested By

: Li guilin

Power Supply

: AC 120V/60Hz

Test Mode

: Tx mode

Condition

: TEMP:24.4°C, RH:68.5%

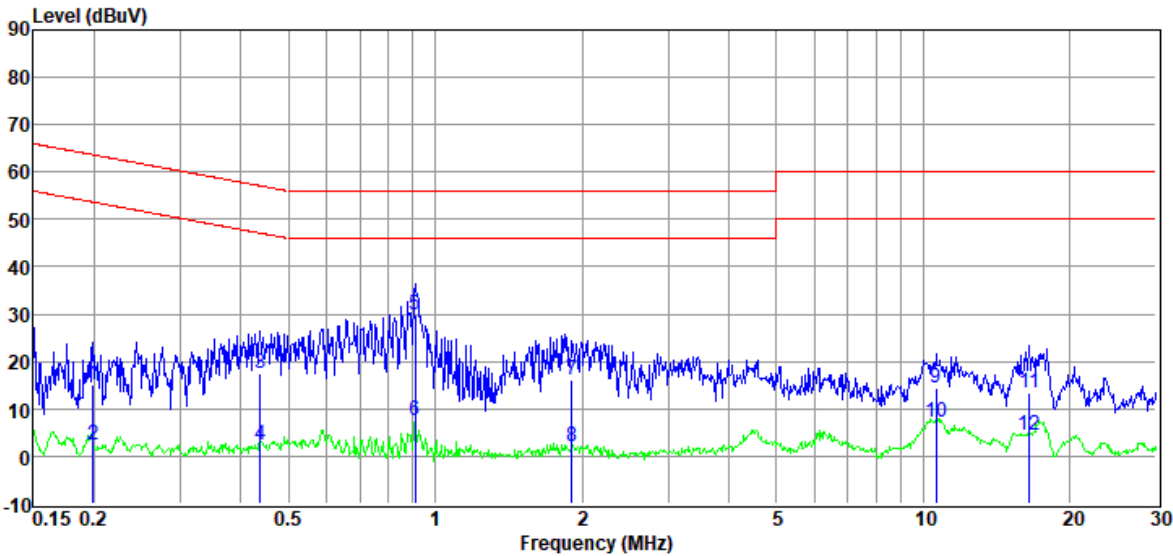
LISN

: 2025 1# 216/NEUTRAL

Memo

: Sample Number: S26052025-004

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.20	-4.54	9.82	0.06	9.89	15.23	63.67	48.44	QP	NEUTRAL
2	0.20	-17.25	9.82	0.06	9.89	2.52	53.67	51.15	Average	NEUTRAL
3	0.44	-2.18	9.84	0.08	9.89	17.63	57.11	39.48	QP	NEUTRAL
4	0.44	-17.52	9.84	0.08	9.89	2.29	47.11	44.82	Average	NEUTRAL
5	0.91	9.82	9.88	0.14	9.90	29.74	56.00	26.26	QP	NEUTRAL
6	0.91	-12.38	9.88	0.14	9.90	7.54	46.00	38.46	Average	NEUTRAL
7	1.91	-3.54	9.77	0.17	9.89	16.29	56.00	39.71	QP	NEUTRAL
8	1.91	-17.91	9.77	0.17	9.89	1.92	46.00	44.08	Average	NEUTRAL
9	10.62	-5.92	10.20	0.27	9.84	14.39	60.00	45.61	QP	NEUTRAL
10	10.62	-13.13	10.20	0.27	9.84	7.18	50.00	42.82	Average	NEUTRAL
11	16.49	-7.36	10.41	0.37	9.92	13.34	60.00	46.66	QP	NEUTRAL
12	16.49	-16.41	10.41	0.37	9.92	4.29	50.00	45.71	Average	NEUTRAL

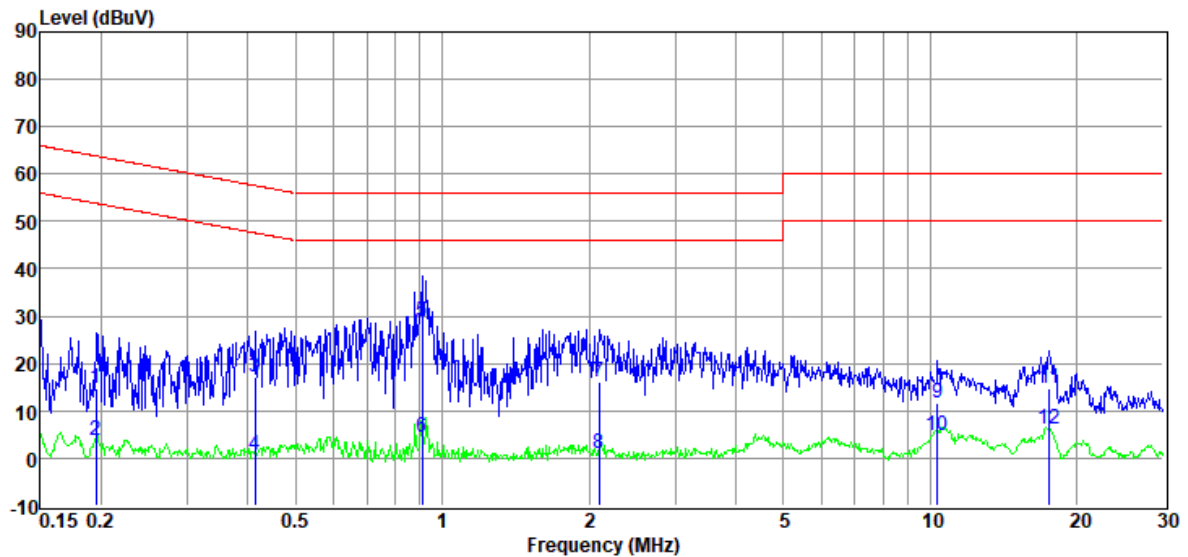
- Note:
1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz),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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2026-06-09
Power Supply : AC 120V/60Hz
Condition : TEMP:24.4°C, RH:68.5%
Memo : Sample Number: S26052025-004

D:\2026 CE Report Data\Q26052025\0609 CE.EM6
Tested By : Li guilin
Test Mode : Tx mode
LISN : 2025 1# 216/LINE

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector	Phase
1	0.20	-5.19	9.82	0.06	9.89	14.58	63.80	49.22	QP	LINE
2	0.20	-15.90	9.82	0.06	9.89	3.87	53.80	49.93	Average	LINE
3	0.41	-2.36	9.70	0.08	9.89	17.31	57.59	40.28	QP	LINE
4	0.41	-18.97	9.70	0.08	9.89	0.70	47.59	46.89	Average	LINE
5	0.91	8.84	9.86	0.14	9.90	28.74	56.00	27.26	QP	LINE
6	0.91	-15.38	9.86	0.14	9.90	4.52	46.00	41.48	Average	LINE
7	2.10	-3.82	9.80	0.17	9.89	16.04	56.00	39.96	QP	LINE
8	2.10	-18.82	9.80	0.17	9.89	1.04	46.00	44.96	Average	LINE
9	10.34	-8.69	10.21	0.27	9.84	11.63	60.00	48.37	QP	LINE
10	10.34	-15.64	10.21	0.27	9.84	4.68	50.00	45.32	Average	LINE
11	17.57	-5.86	10.35	0.38	9.93	14.80	60.00	45.20	QP	LINE
12	17.57	-14.60	10.35	0.38	9.93	6.06	50.00	43.94	Average	LINE

Note:

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

16. Photos of the EUT

Please refer to DDT-Q26052025-2E appendix I & II

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