

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

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

(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
Laptop	Lenovo	00425-00000-00002-AA135	NA

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

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

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

- (b) Change work frequency or channel of device if practicable.
- (c) Change modulation type of device if practicable.
- (d) Change power supply range from 85% to 115% of the rated supply voltage
- (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement

produces highest emissions.

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

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

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

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

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

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2020 clause 4.1.4.2.2 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: (The worst case is record and 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: 2025-08-08

Tested By: Nan Zhong

EUT: Projector

Model Number: WM03M

Test Mode: TX BLE1M 2480 Mode

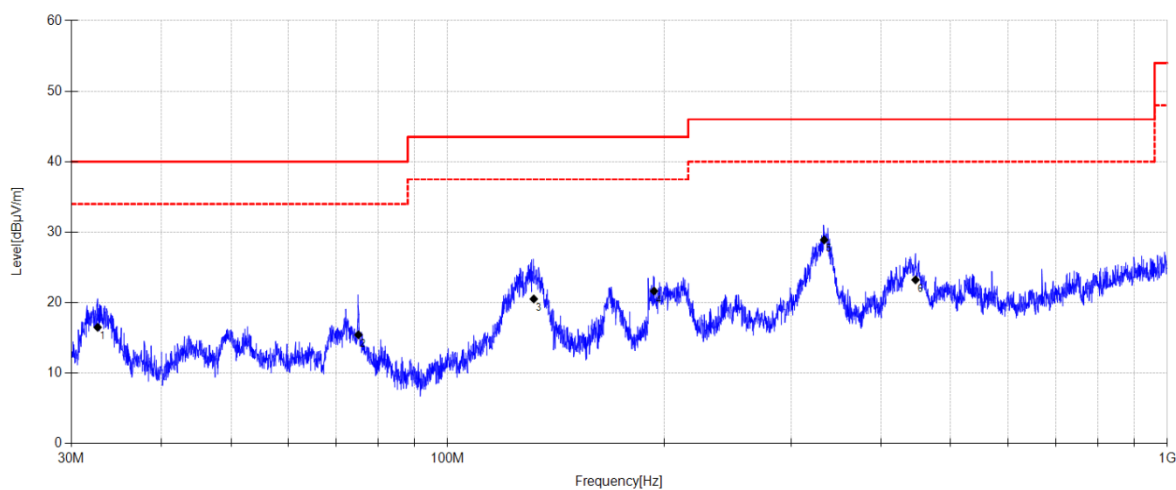
Power Supply: AC 120V/60Hz

Condition: Temp:22.1°C;Humi:44.4%

Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25070114-1E\FCC BELOW1G\20250808-081625_H

Memo: Sample Numbel:S25070114-006



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.633	33.21	10.61	3.78	16.50	40.00	23.50	QP	Horizontal
2	75.168	34.65	7.83	4.06	15.44	40.00	24.56	QP	Horizontal
3	131.719	38.52	8.74	4.39	20.52	43.50	22.98	QP	Horizontal
4	193.565	38.54	9.56	4.73	21.64	43.50	21.86	QP	Horizontal
5	333.526	40.46	14.51	5.35	28.90	46.00	17.10	QP	Horizontal
6	446.799	33.1	15.80	5.80	23.23	46.00	22.77	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2480 Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

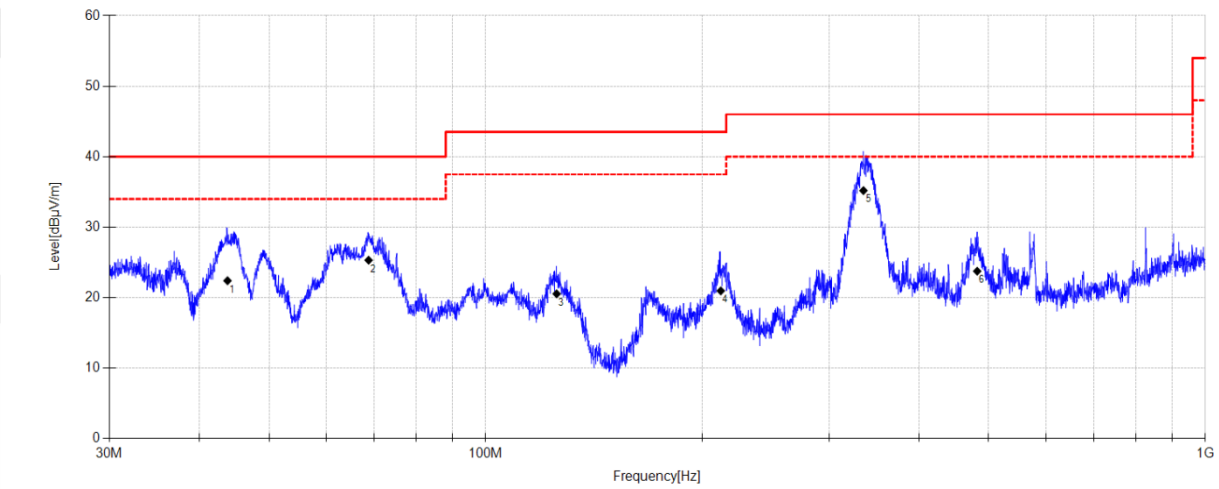
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC BELOW1G\20250808-081647_V

Memo:

Sample Numbler:S25070114-006



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	43.778	36.7	12.96	3.84	22.40	40.00	17.60	QP	Vertical
2	68.764	41.97	10.43	4.01	25.31	40.00	14.69	QP	Vertical
3	125.498	38.31	9.00	4.36	20.54	43.50	22.96	QP	Vertical
4	212.186	36.77	10.59	4.82	20.96	43.50	22.54	QP	Vertical
5	334.932	46.65	14.60	5.36	35.19	46.00	10.81	QP	Vertical
6	481.948	32.81	16.50	5.93	23.75	46.00	22.25	QP	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478 Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

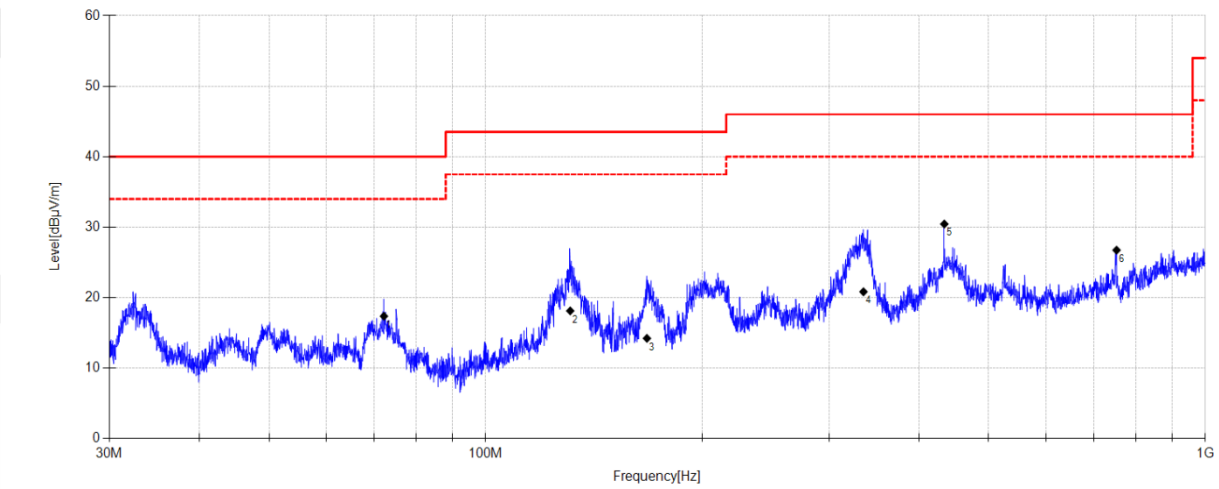
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC BELOW1G\20250808-081800_H

Memo:

Sample Numbler:S25070114-006



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	72.223	34.92	9.51	4.04	17.37	40.00	22.63	QP	Horizontal
2	131.074	35.8	9.06	4.39	18.12	43.50	25.38	QP	Horizontal
3	167.531	31.96	8.85	4.58	14.22	43.50	29.28	QP	Horizontal
4	334.932	32.29	14.60	5.36	20.83	46.00	25.17	QP	Horizontal
5	433.833	40.25	15.91	5.75	30.44	46.00	15.56	QP	Horizontal
6	752.786	31.39	19.77	6.83	26.74	46.00	19.26	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478 Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

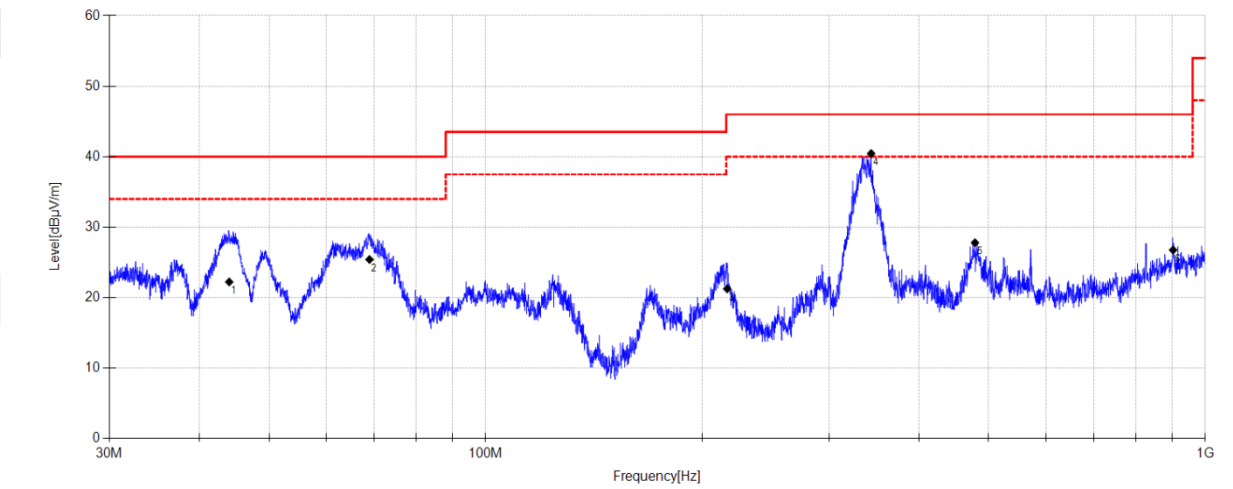
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC BELOW1G\20250808-081822_V

Memo:

Sample Numbler:S25070114-006



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	44.024	36.49	13.00	3.84	22.23	40.00	17.77	QP	Vertical
2	68.957	42.01	10.49	4.01	25.41	40.00	14.59	QP	Vertical
3	216.545	36.85	10.79	4.84	21.25	46.00	24.75	QP	Vertical
4	343.253	52.27	14.20	5.39	40.44	46.00	5.56	QP	Vertical
5	478.580	36.92	16.44	5.92	27.79	46.00	18.21	QP	Vertical
6	902.062	28.21	21.90	7.21	26.76	46.00	19.24	QP	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

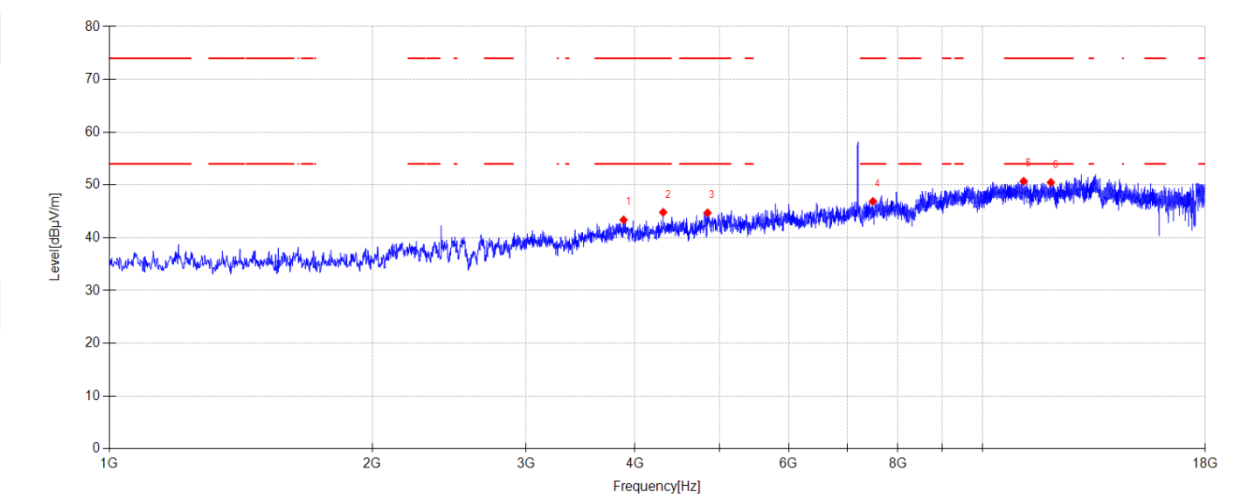
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\12

Memo:

Sample Numbler:S25070114-006



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	3881.500	46.87	31.09	5.07	-39.65	43.38	74.00	30.62	PK	Horizontal
2	4308.200	47.65	31.60	5.23	-39.66	44.82	74.00	29.18	PK	Horizontal
3	4843.700	45.13	33.64	5.56	-39.61	44.72	74.00	29.28	PK	Horizontal
4	7492.300	44.23	36.52	6.70	-40.56	46.89	74.00	27.11	PK	Horizontal
5	11147.300	42.38	39.25	8.22	-39.15	50.70	74.00	23.30	PK	Horizontal
6	11976.900	42.57	39.13	8.75	-39.98	50.47	74.00	23.53	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

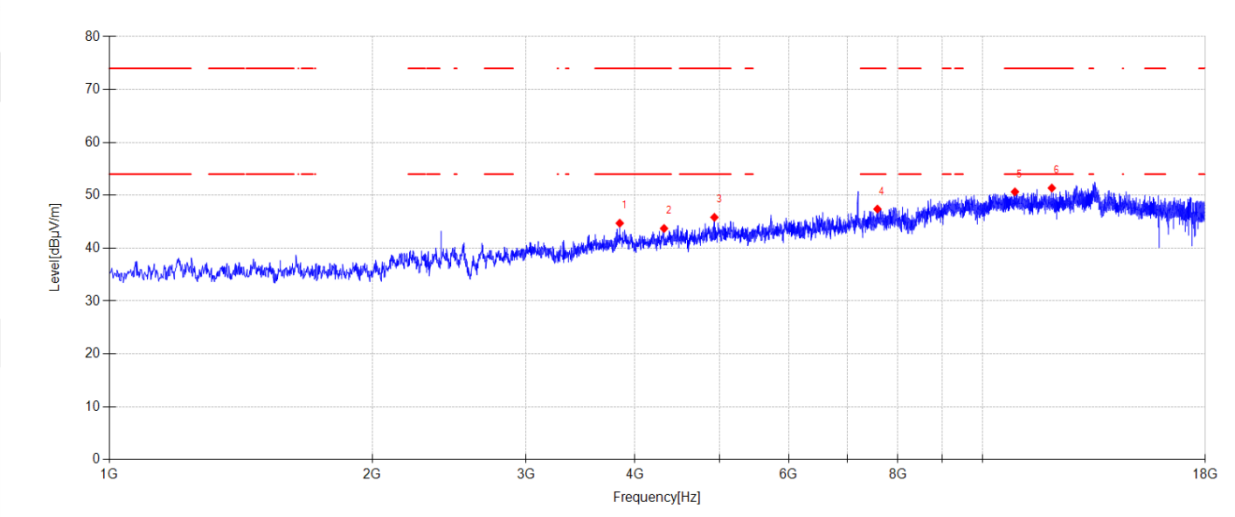
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\13

Memo:

Sample Numbler:S25070114-006



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	3842.400	48.41	30.87	5.08	-39.64	44.72	74.00	29.28	PK	Vertical
2	4318.400	46.54	31.60	5.24	-39.65	43.73	74.00	30.27	PK	Vertical
3	4932.100	46.77	33.06	5.61	-39.61	45.83	74.00	28.17	PK	Vertical
4	7580.700	44.67	36.46	6.75	-40.48	47.40	74.00	26.60	PK	Vertical
5	10894.000	42.32	39.31	8.08	-39.06	50.65	74.00	23.35	PK	Vertical
6	12007.500	43.40	39.21	8.76	-40.00	51.37	74.00	22.63	PK	Vertical

Note:

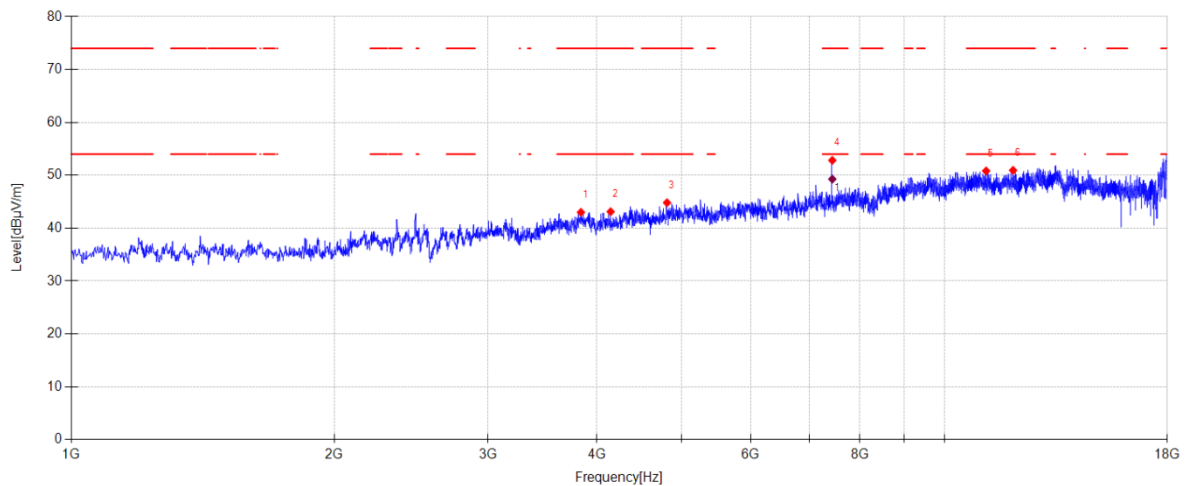
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-08-08 **Tested By:** Nan Zhong
EUT: Projector **Model Number:** WM03M
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\14
Memo: Sample Numbler:S25070114-006

**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	3833.900	46.72	30.84	5.08	-39.64	43.00	74.00	31.00	PK	Horizontal
2	4146.700	46.45	31.19	5.14	-39.67	43.11	74.00	30.89	PK	Horizontal
3	4811.400	46.10	32.80	5.54	-39.62	44.82	74.00	29.18	PK	Horizontal
4	7439.600	50.14	36.62	6.67	-40.60	52.83	74.00	21.17	PK	Horizontal
5	11162.600	42.52	39.24	8.23	-39.16	50.83	74.00	23.17	PK	Horizontal
6	11983.700	43.02	39.15	8.75	-39.98	50.94	74.00	23.06	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	7439.600	46.59	36.62	6.67	49.28	54.00	4.72	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

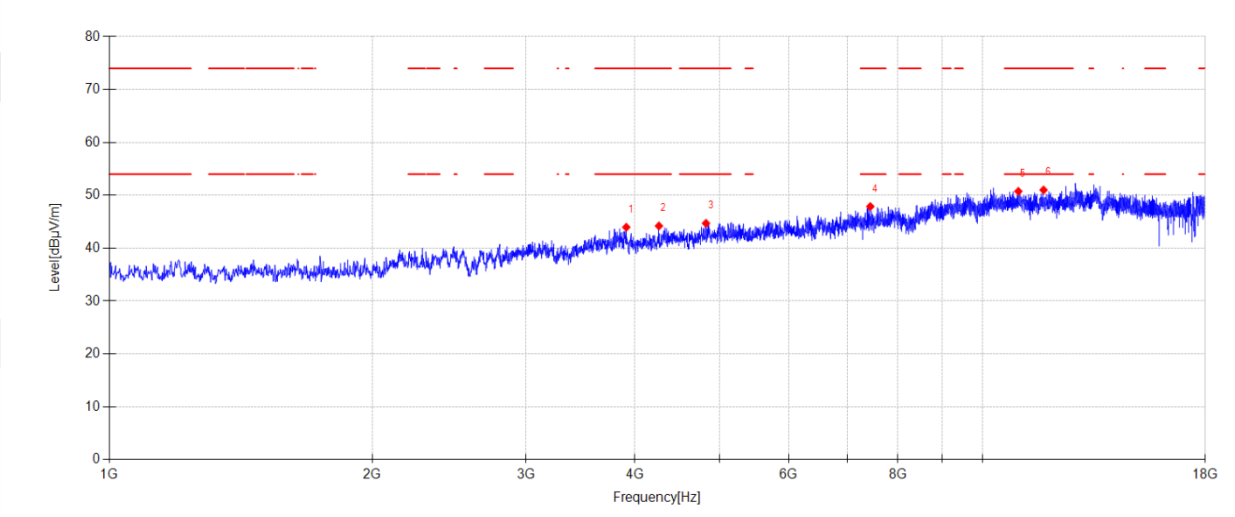
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\15

Memo:

Sample Numbler:S25070114-006



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	3908.700	47.37	31.18	5.07	-39.66	43.96	74.00	30.04	PK	Vertical
2	4260.600	47.21	31.44	5.21	-39.66	44.20	74.00	29.80	PK	Vertical
3	4823.300	45.66	33.11	5.54	-39.61	44.70	74.00	29.30	PK	Vertical
4	7439.600	45.19	36.62	6.67	-40.60	47.88	74.00	26.12	PK	Vertical
5	10994.300	42.32	39.30	8.13	-39.00	50.75	74.00	23.25	PK	Vertical
6	11749.100	43.21	38.95	8.60	-39.75	51.01	74.00	22.99	PK	Vertical

Note:

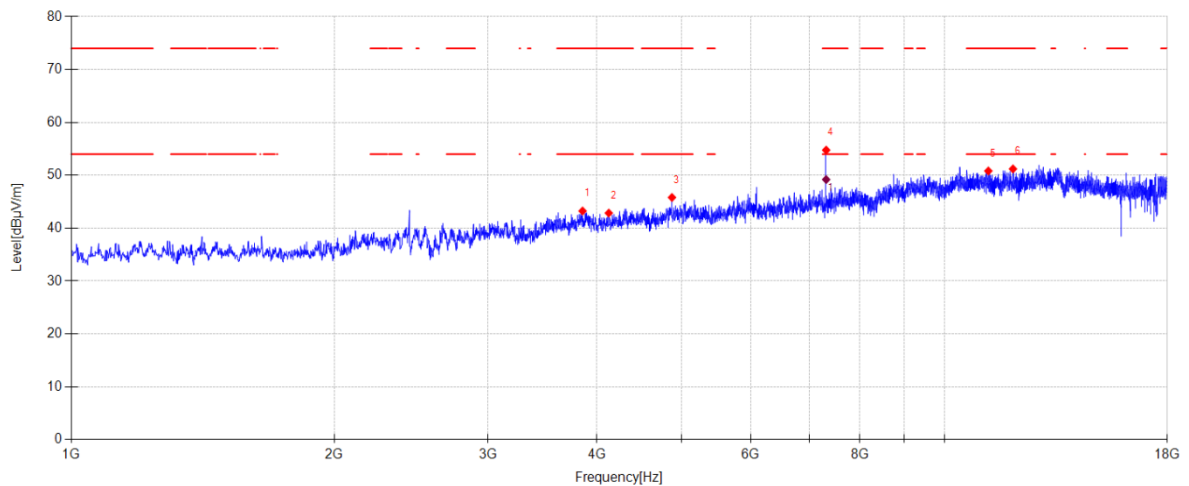
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-08-08 **Tested By:** Nan Zhong
EUT: Projector **Model Number:** WM03M
Test Mode: TX BLE1M 2440MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\16
Memo: Sample Numbler:S25070114-006

**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	3850.900	46.89	30.91	5.08	-39.64	43.24	74.00	30.76	PK	Horizontal
2	4126.300	46.24	31.15	5.13	-39.67	42.85	74.00	31.15	PK	Horizontal
3	4874.300	46.44	33.41	5.57	-39.61	45.81	74.00	28.19	PK	Horizontal
4	7320.600	52.01	36.86	6.61	-40.71	54.77	74.00	19.23	PK	Horizontal
5	11227.200	42.58	39.20	8.27	-39.23	50.82	74.00	23.18	PK	Horizontal
6	11980.300	43.29	39.14	8.75	-39.98	51.20	74.00	22.80	PK	Horizontal

Final Data List

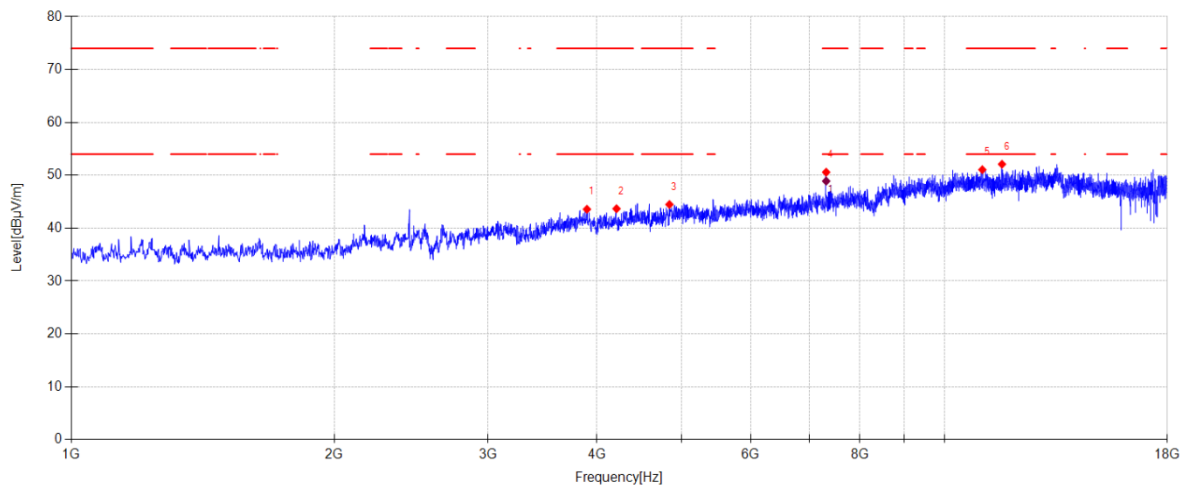
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7320.600	46.44	36.86	6.61	49.20	54.00	4.80	AV	Horizontal

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: 2025-08-08 **Tested By:** Nan Zhong
EUT: Projector **Model Number:** WM03M
Test Mode: TX BLE1M 2440MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\17
Memo: Sample Numbler:S25070114-006

**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	3895.100	46.98	31.17	5.07	-39.65	43.57	74.00	30.43	PK	Vertical
2	4211.300	46.91	31.25	5.18	-39.66	43.68	74.00	30.32	PK	Vertical
3	4842.000	44.94	33.59	5.56	-39.61	44.48	74.00	29.52	PK	Vertical
4	7320.600	47.83	36.86	6.61	-40.71	50.59	74.00	23.41	PK	Vertical
5	11050.400	42.65	39.30	8.16	-39.05	51.06	74.00	22.94	PK	Vertical
6	11638.600	44.21	39.00	8.53	-39.64	52.10	74.00	21.90	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	7320.600	46.14	36.86	6.61	48.90	54.00	5.10	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

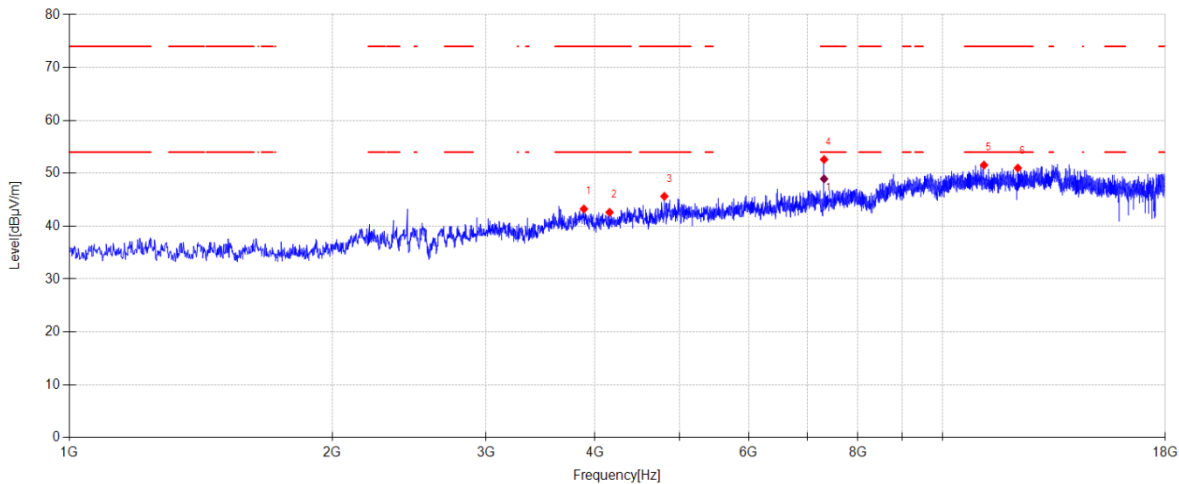
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\18

Memo:

Sample Numbler:S25070114-006



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	3884.900	46.72	31.11	5.07	-39.65	43.25	74.00	30.75	PK	Horizontal
2	4156.900	45.95	31.20	5.14	-39.67	42.62	74.00	31.38	PK	Horizontal
3	4802.900	47.16	32.58	5.53	-39.62	45.65	74.00	28.35	PK	Horizontal
4	7318.900	49.85	36.86	6.61	-40.71	52.61	74.00	21.39	PK	Horizontal
5	11159.200	43.25	39.24	8.23	-39.16	51.56	74.00	22.44	PK	Horizontal
6	12199.600	42.80	39.30	8.86	-39.96	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	7318.900	46.19	36.86	6.61	48.95	54.00	5.05	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

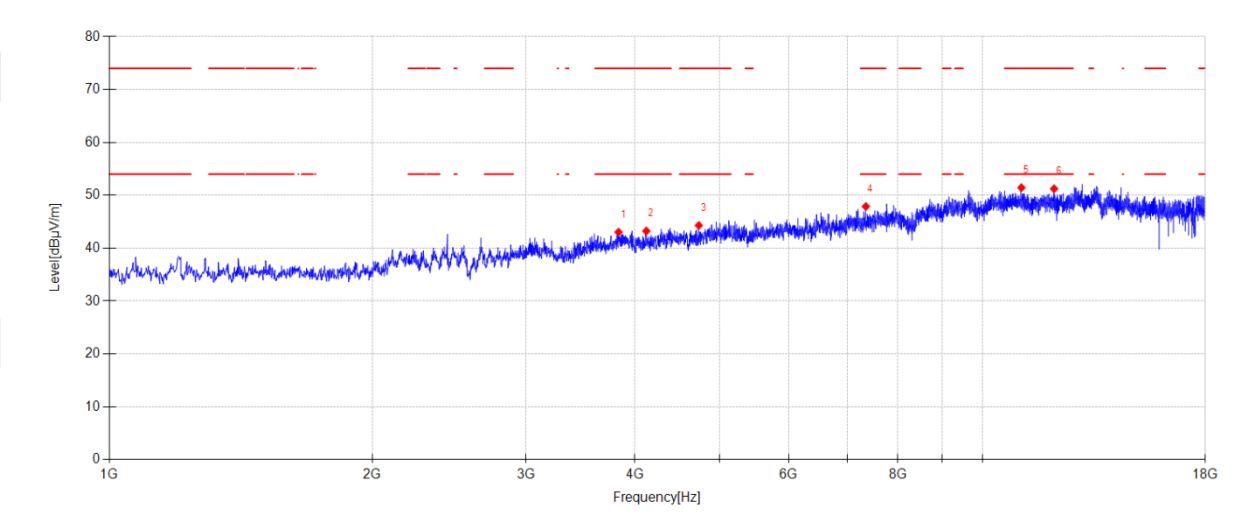
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\19

Memo:

Sample Numbler:S25070114-006



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	3830.500	46.77	30.82	5.08	-39.64	43.03	74.00	30.97	PK	Vertical
2	4121.200	46.65	31.14	5.12	-39.67	43.24	74.00	30.76	PK	Vertical
3	4733.200	46.15	32.27	5.49	-39.62	44.29	74.00	29.71	PK	Vertical
4	7352.900	45.14	36.79	6.63	-40.68	47.88	74.00	26.12	PK	Vertical
5	11082.700	43.03	39.30	8.18	-39.08	51.43	74.00	22.57	PK	Vertical
6	12080.600	43.14	39.28	8.80	-39.98	51.24	74.00	22.76	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:2025-08-08

Tested By:Nan Zhong

EUT:Projector

Model Number:WM03M

Test Mode:TX BLE2M 2404MHz Mode

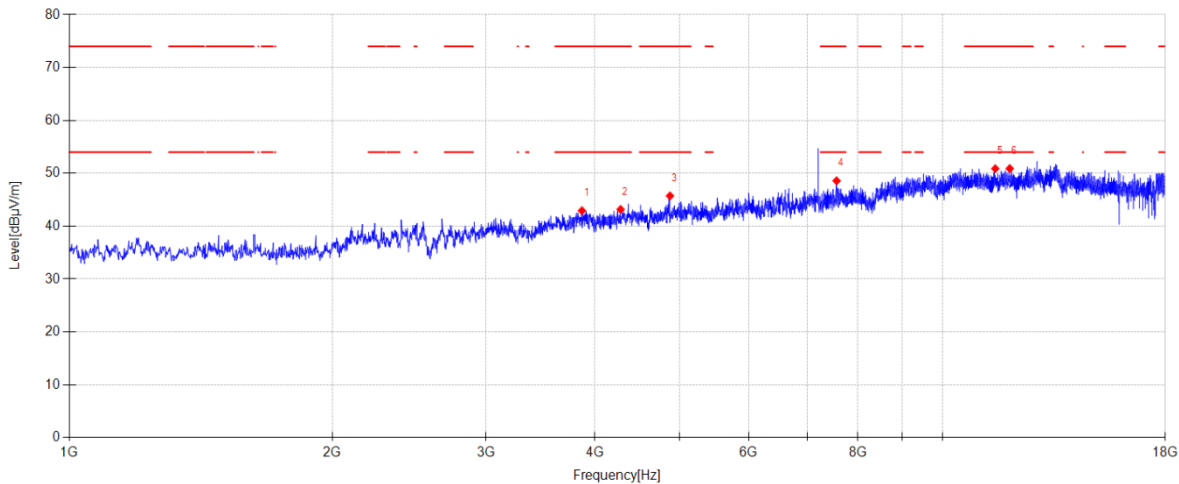
Power Supply:AC 120V/60Hz

Condition:Temp:22.1°C;Humi:44.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\20

Memo:Sample Numbler:S25070114-006



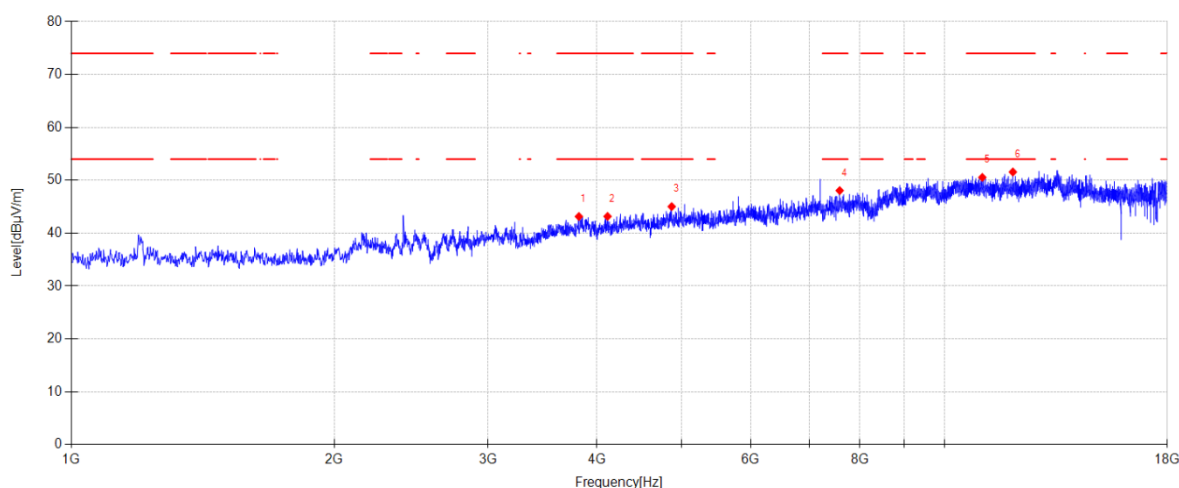
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3864.500	46.52	30.99	5.07	-39.65	42.93	74.00	31.07	PK	Horizontal
2	4279.300	46.09	31.52	5.22	-39.66	43.17	74.00	30.83	PK	Horizontal
3	4874.300	46.36	33.41	5.57	-39.61	45.73	74.00	28.27	PK	Horizontal
4	7563.700	45.90	36.43	6.74	-40.49	48.58	74.00	25.42	PK	Horizontal
5	11494.100	42.72	39.21	8.44	-39.49	50.88	74.00	23.12	PK	Horizontal
6	11941.200	43.10	39.02	8.72	-39.94	50.90	74.00	23.10	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: 2025-08-08 **Tested By:** Nan Zhong
EUT: Projector **Model Number:** WM03M
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\21
Memo: Sample Numbler:S25070114-006

**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	3813.500	46.96	30.75	5.08	-39.64	43.15	74.00	30.85	PK	Vertical
2	4112.700	46.59	31.13	5.12	-39.67	43.17	74.00	30.83	PK	Vertical
3	4870.900	45.60	33.47	5.57	-39.61	45.03	74.00	28.97	PK	Vertical
4	7585.800	45.31	36.47	6.75	-40.47	48.06	74.00	25.94	PK	Vertical
5	11050.400	42.15	39.30	8.16	-39.05	50.56	74.00	23.44	PK	Vertical
6	11978.600	43.66	39.14	8.75	-39.98	51.57	74.00	22.43	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

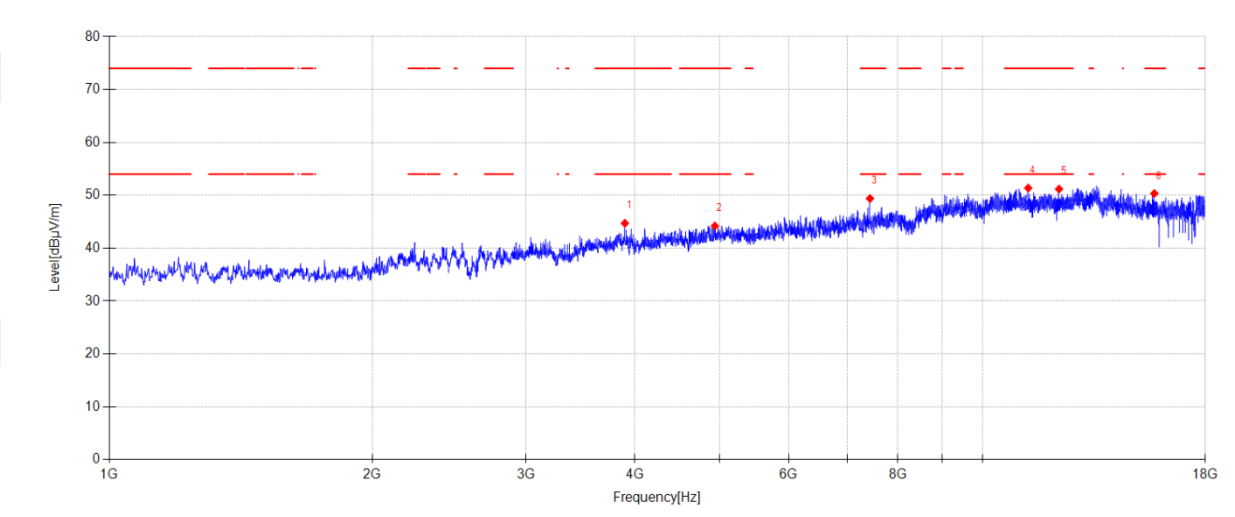
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\22

Memo:

Sample Numbler:S25070114-006



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	3895.100	48.11	31.17	5.07	-39.65	44.70	74.00	29.30	PK	Horizontal
2	4937.200	45.13	33.07	5.61	-39.61	44.20	74.00	29.80	PK	Horizontal
3	7432.800	46.70	36.63	6.67	-40.61	49.39	74.00	24.61	PK	Horizontal
4	11281.600	43.14	39.20	8.31	-39.28	51.37	74.00	22.63	PK	Horizontal
5	12238.700	42.95	39.30	8.88	-39.95	51.18	74.00	22.82	PK	Horizontal
6	15733.900	41.34	38.43	9.97	-39.40	50.34	74.00	23.66	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

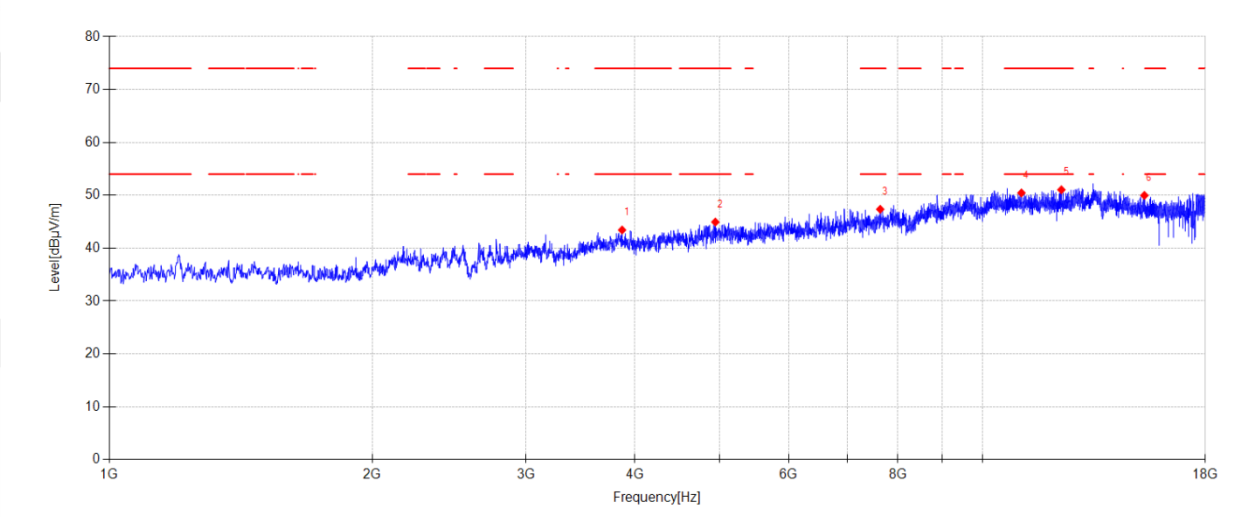
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\23

Memo:

Sample Numbler:S25070114-006



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	3866.200	47.01	31.00	5.07	-39.65	43.43	74.00	30.57	PK	Vertical
2	4944.000	45.83	33.09	5.62	-39.60	44.94	74.00	29.06	PK	Vertical
3	7636.800	44.44	36.57	6.78	-40.43	47.36	74.00	26.64	PK	Vertical
4	11082.700	42.05	39.30	8.18	-39.08	50.45	74.00	23.55	PK	Vertical
5	12313.500	42.76	39.30	8.92	-39.94	51.04	74.00	22.96	PK	Vertical
6	15327.600	40.10	39.58	9.70	-39.40	49.98	-	-	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.

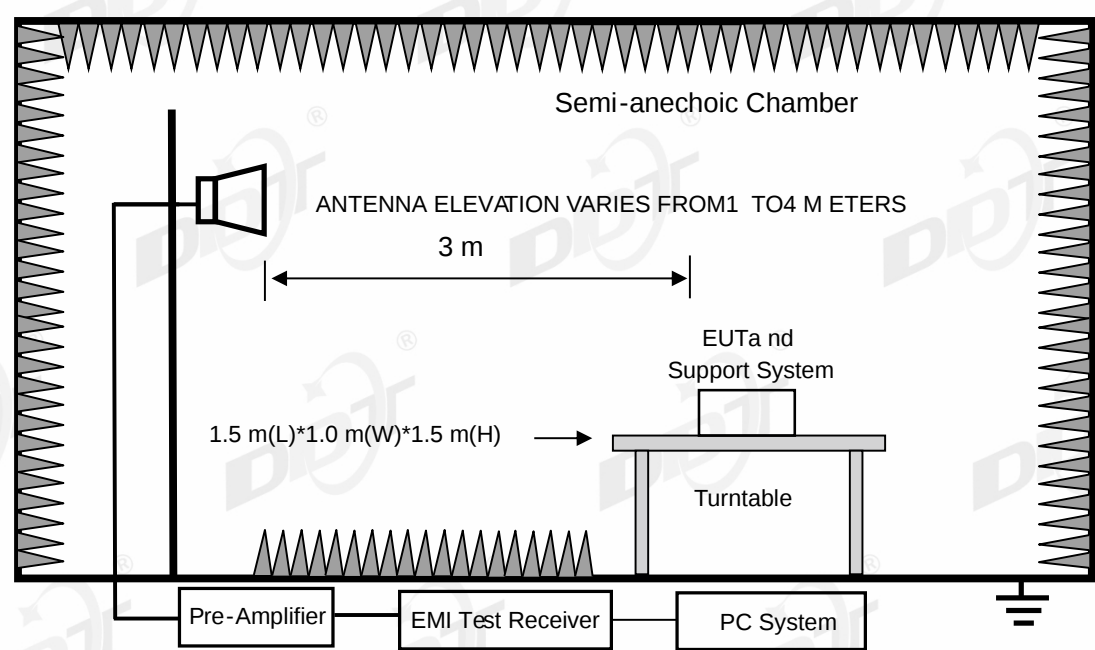
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28	1 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10	1 Year
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28	1 Year
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/11	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18	1 Year
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28	1 Year

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
Laptop	Lenovo	00425-00000-00002-AA135	NA

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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

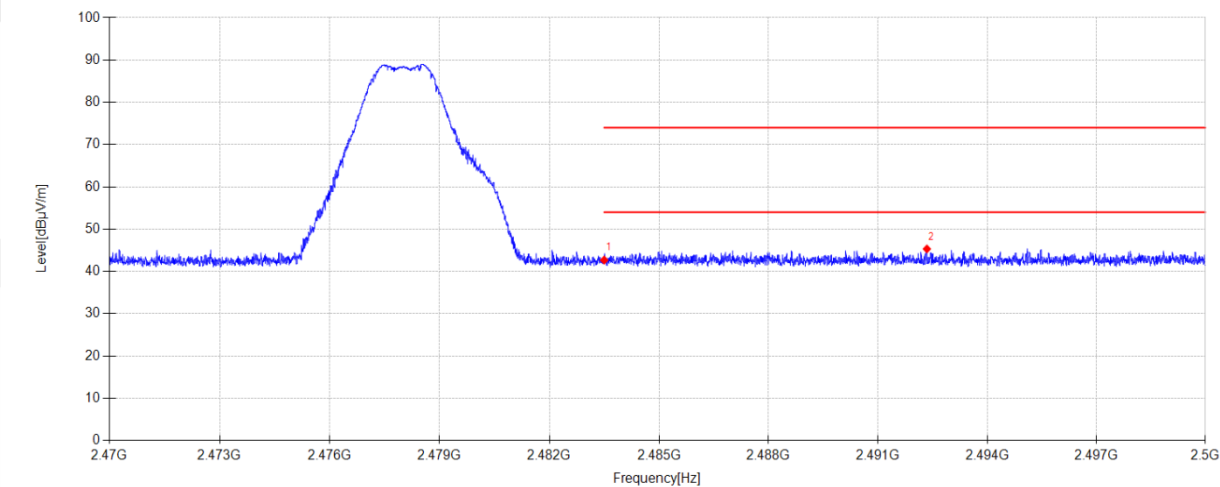
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\24

Memo:

Sample Numbre:S25070114-006



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	2483.500	11.54	27.53	3.62	0.00	42.69	74.00	31.31	PK	Horizontal
2	2492.344	14.12	27.57	3.63	0.00	45.32	74.00	28.68	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

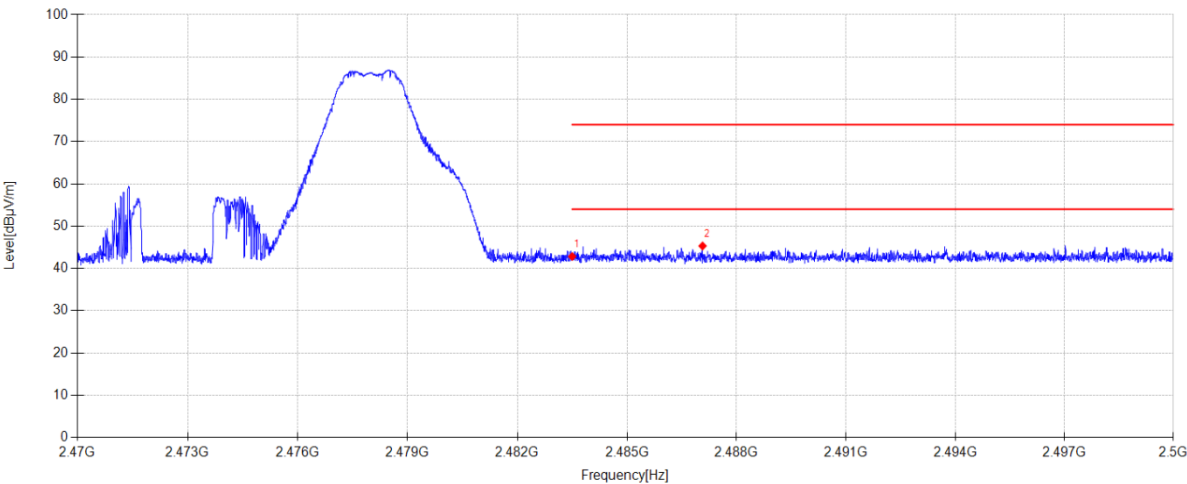
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\25

Memo:

Sample Numbler:S25070114-006



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	2483.500	11.67	27.53	3.62	0.00	42.82	74.00	31.18	PK	Vertical
2	2487.070	14.15	27.55	3.62	0.00	45.32	74.00	28.68	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

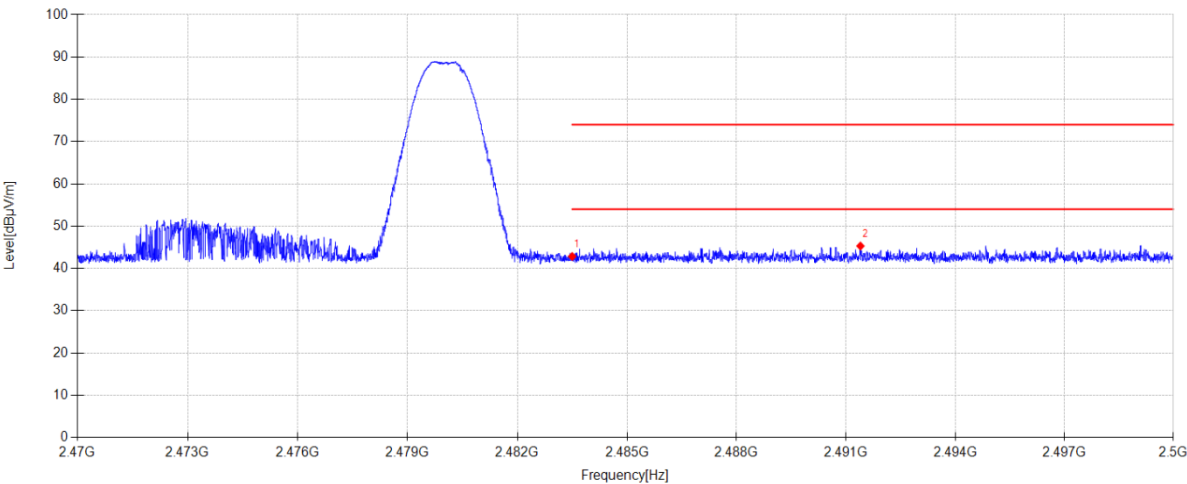
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\26

Memo:

Sample Numbler:S25070114-006



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	2483.500	11.69	27.53	3.62	0.00	42.84	74.00	31.16	PK	Horizontal
2	2491.399	14.10	27.57	3.63	0.00	45.30	74.00	28.70	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

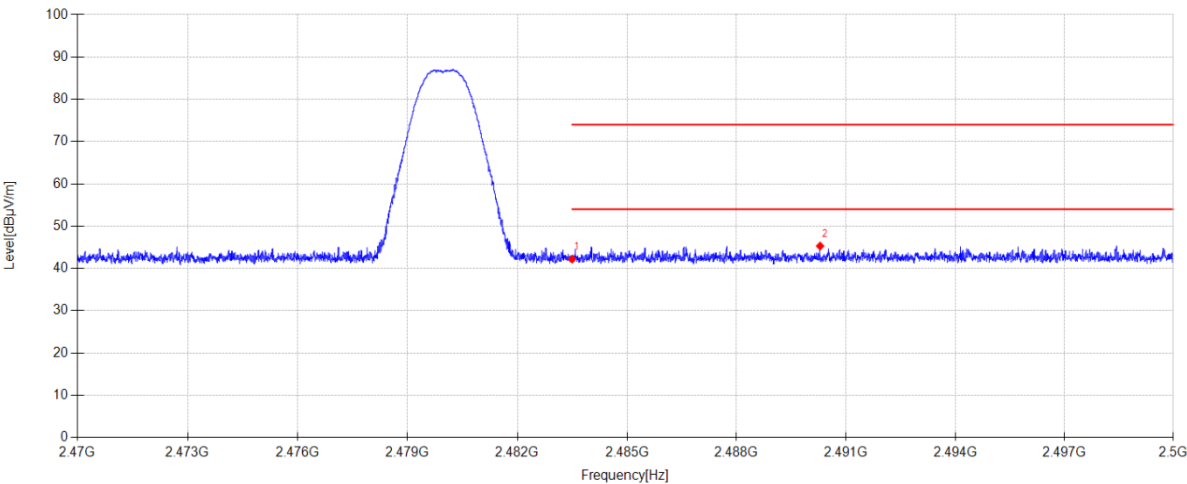
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\27

Memo:

Sample Numbler:S25070114-006



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	2483.500	11.05	27.53	3.62	0.00	42.20	74.00	31.80	PK	Vertical
2	2490.292	14.12	27.56	3.62	0.00	45.30	74.00	28.70	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

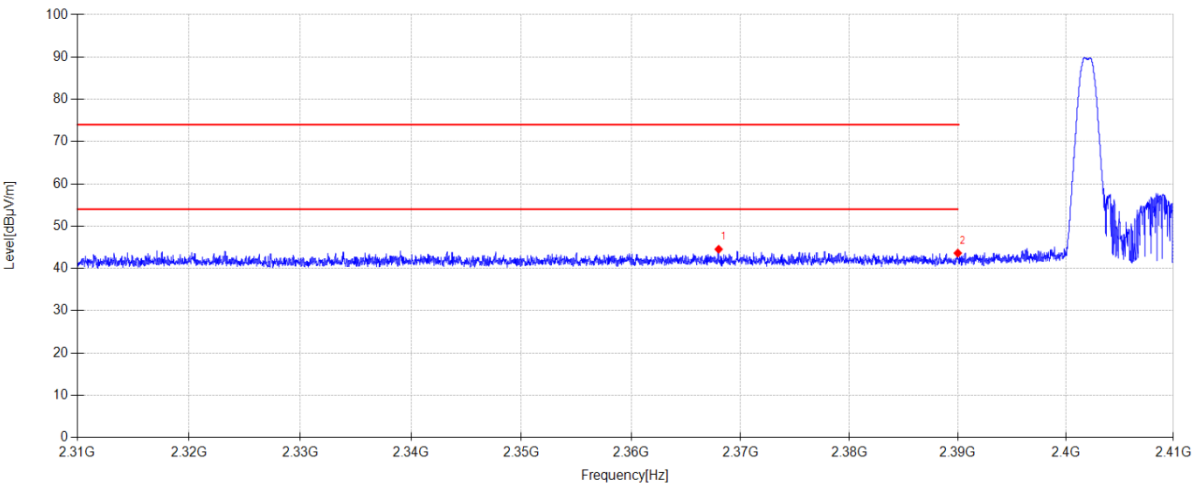
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\28

Memo:

Sample Numbler:S25070114-006



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	2368.000	13.81	27.17	3.56	0.00	44.54	74.00	29.46	PK	Horizontal
2	2390.000	12.79	27.26	3.57	0.00	43.62	74.00	30.38	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

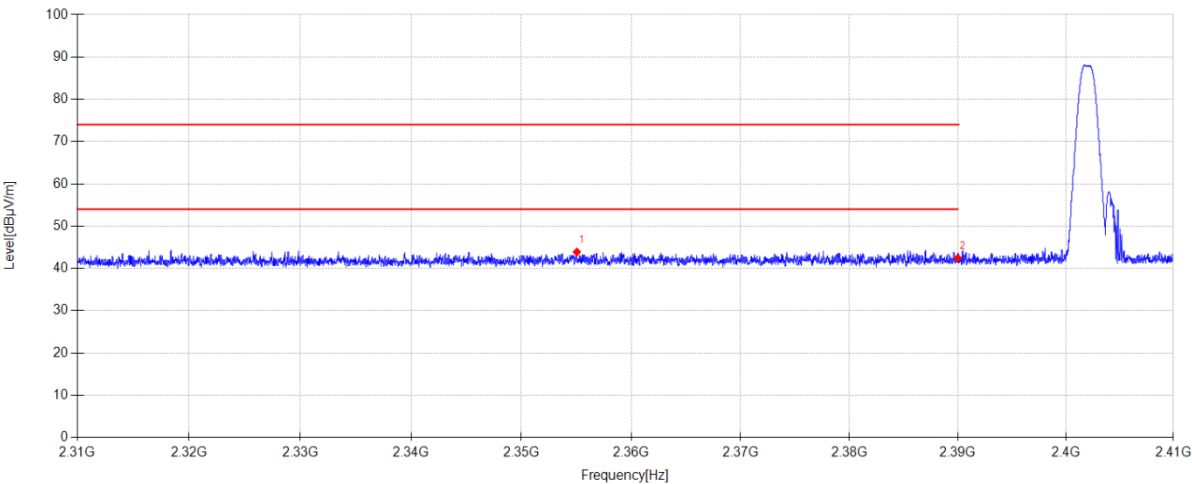
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\29

Memo:

Sample Numbler:S25070114-006



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	2355.050	13.23	27.12	3.55	0.00	43.90	74.00	30.10	PK	Vertical
2	2390.000	11.61	27.26	3.57	0.00	42.44	74.00	31.56	PK	Vertical

Note:

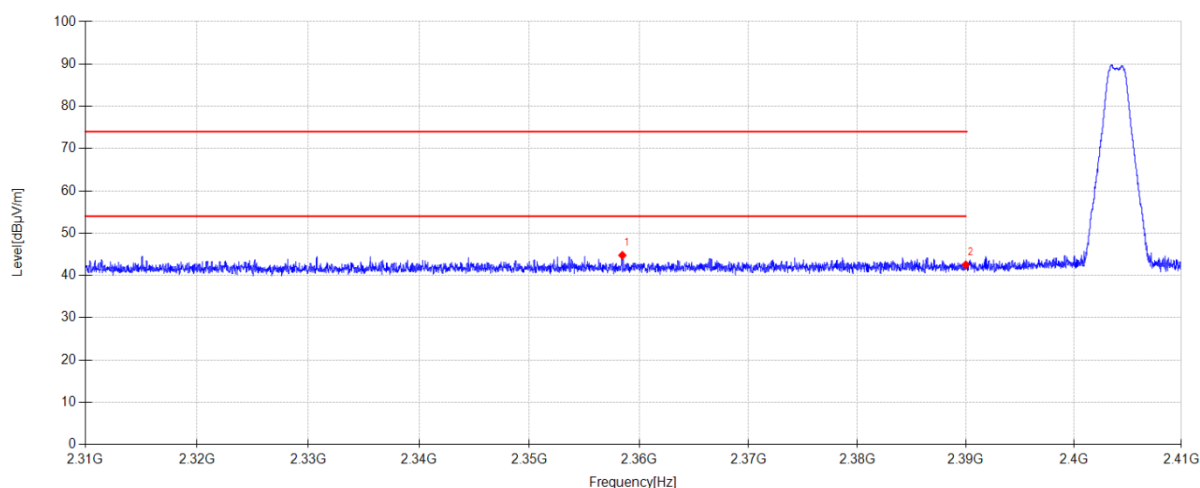
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-08-08 **Tested By:** Nan Zhong
EUT: Projector **Model Number:** WM03M
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\30
Memo: Sample Numbler:S25070114-006

**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	2358.470	14.09	27.13	3.55	0.00	44.77	74.00	29.23	PK	Horizontal
2	2390.000	11.69	27.26	3.57	0.00	42.52	74.00	31.48	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:

2025-08-08

Tested By:

Nan Zhong

EUT:

Projector

Model Number:

WM03M

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

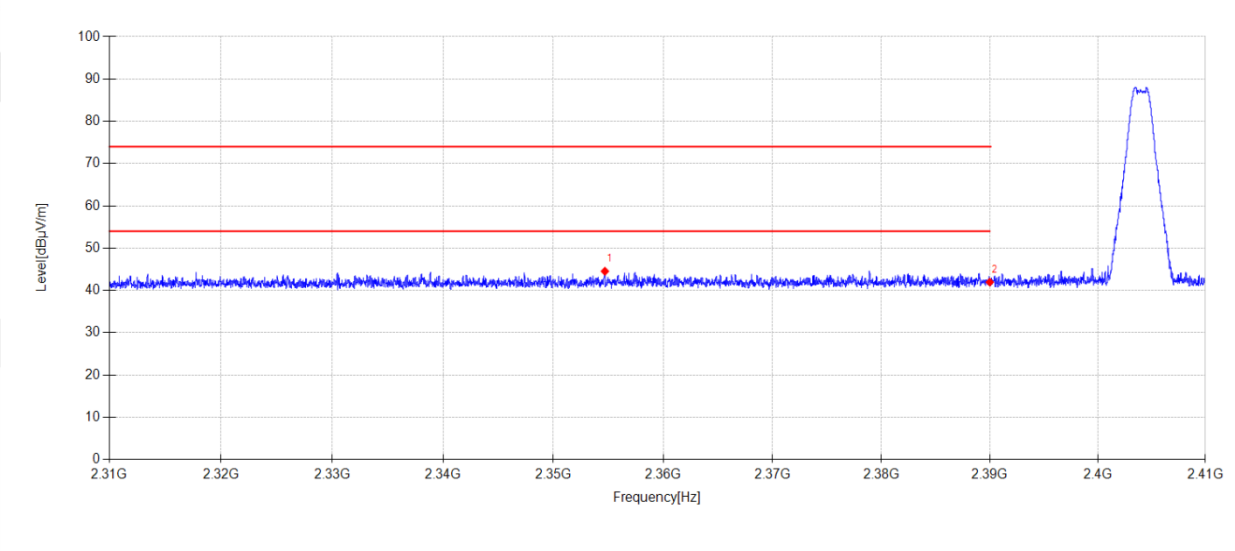
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070114-1E\FCC ABOVE 1G BLE\31

Memo:

Sample Numbler:S25070114-006



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	2354.690	13.87	27.12	3.55	0.00	44.54	74.00	29.46	PK	Vertical
2	2390.000	11.13	27.26	3.57	0.00	41.96	74.00	32.04	PK	Vertical

Note:

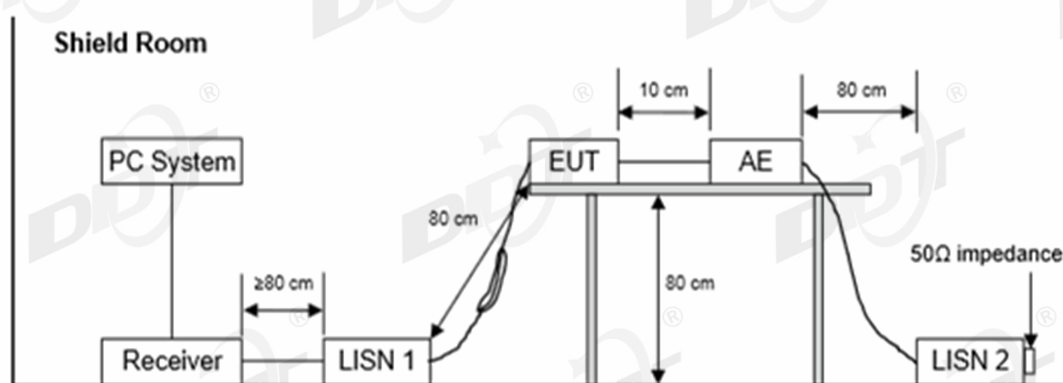
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Equipment No.	Cal Due To	Cal. Interval
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2026/07/06	1 Year
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2026/07/06	1 Year
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2026/07/06	1 Year
Pulse Limiter	SCHWARZBECK	ESH3-Z2	DDT-ZC00539	2026/07/06	1 Year
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2026/07/06	1 Year
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/	/

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
Laptop	Lenovo	00425-00000-00002-AA135	NA

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.

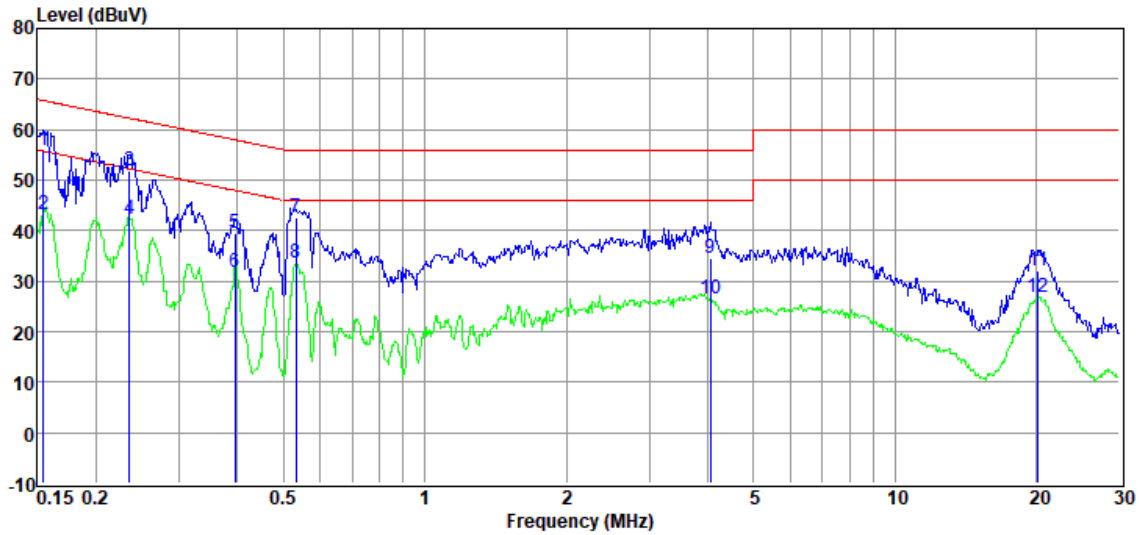
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room D:\2025 CE report data\Q25070114-2E\CE.EM6
Test Date : 2025-07-31 Tested By : Antony Zeng
EUT : Projector Model Number : WM03M
Power Supply : AC 120V/60Hz Test Mode : BLE 1M 2480 TX mode
Condition : TEMP:21.8°C, RH:52.9% LISN : 2024 1# ENV216/LINE
Memo :

Data: 22



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	35.87	9.89	0.11	9.86	55.73	65.74	-10.01	QP	LINE
2	0.15	23.41	9.89	0.11	9.86	43.27	55.74	-12.47	Average	LINE
3	0.24	32.21	9.73	0.13	9.86	51.93	62.26	-10.33	QP	LINE
4	0.24	22.70	9.73	0.13	9.86	42.42	52.26	-9.84	Average	LINE
5	0.40	19.81	9.82	0.10	9.86	39.59	57.95	-18.36	QP	LINE
6	0.40	12.12	9.82	0.10	9.86	31.90	47.95	-16.05	Average	LINE
7	0.53	22.74	9.85	0.06	9.86	42.51	56.00	-13.49	QP	LINE
8	0.53	13.92	9.85	0.06	9.86	33.69	46.00	-12.31	Average	LINE
9	4.05	14.87	9.74	0.05	9.85	34.51	56.00	-21.49	QP	LINE
10	4.05	6.70	9.74	0.05	9.85	26.34	46.00	-19.66	Average	LINE
11	20.16	11.98	10.05	0.15	9.96	32.14	60.00	-27.86	QP	LINE
12	20.16	6.69	10.05	0.15	9.96	26.85	50.00	-23.15	Average	LINE

Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

Test Date : 2025-07-31

EUT : Projector

Power Supply : AC 120V/60Hz

Condition : TEMP:21.8°C, RH:52.9%

Memo :

D:\2025 CE report data\Q25070114-2E\CE.EM6

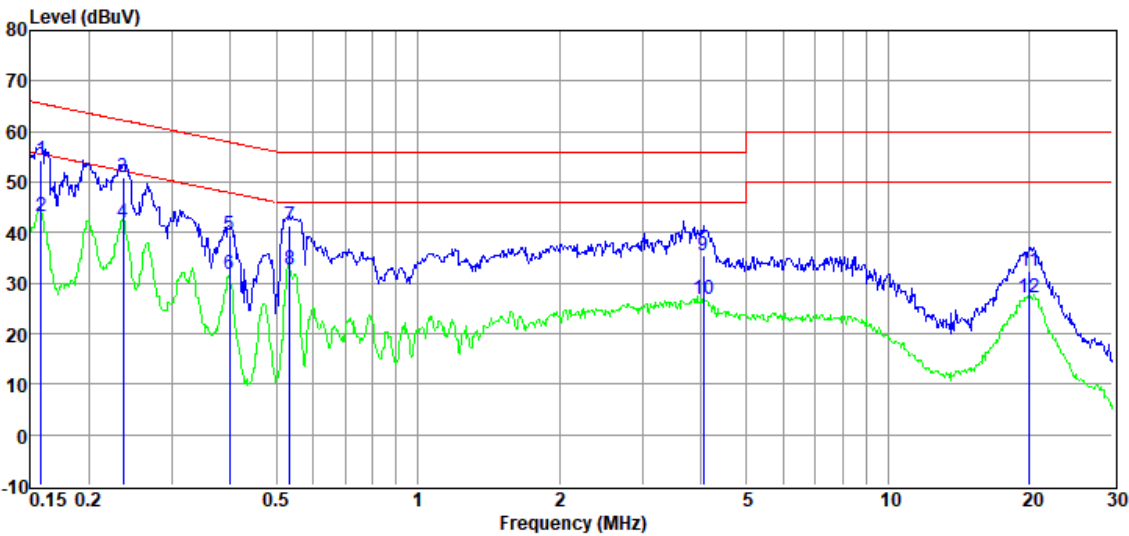
Tested By : Antony Zeng

Model Number : WM03M

Test Mode : BLE 1M 2480 TX mode

LISN : 2024 1# ENV216/NEUTRAL

Data: 24



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	34.77	9.65	0.11	9.86	54.39	65.56	-11.17	QP	NEUTRAL
2	0.16	23.53	9.65	0.11	9.86	43.15	55.56	-12.41	Average	NEUTRAL
3	0.24	31.33	9.72	0.13	9.86	51.04	62.22	-11.18	QP	NEUTRAL
4	0.24	22.17	9.72	0.13	9.86	41.88	52.22	-10.34	Average	NEUTRAL
5	0.40	19.76	9.75	0.10	9.86	39.47	57.90	-18.43	QP	NEUTRAL
6	0.40	12.19	9.75	0.10	9.86	31.90	47.90	-16.00	Average	NEUTRAL
7	0.53	21.78	9.78	0.06	9.86	41.48	56.00	-14.52	QP	NEUTRAL
8	0.53	12.96	9.78	0.06	9.86	32.66	46.00	-13.34	Average	NEUTRAL
9	4.05	15.81	9.65	0.05	9.85	35.36	56.00	-20.64	QP	NEUTRAL
10	4.05	7.34	9.65	0.05	9.85	26.89	46.00	-19.11	Average	NEUTRAL
11	19.95	12.32	9.92	0.15	9.96	32.35	60.00	-27.65	QP	NEUTRAL
12	19.95	6.94	9.92	0.15	9.96	26.97	50.00	-23.03	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

: 2025-07-31

EUT

: Projector

Power Supply

: AC 120V/60Hz

Condition

: TEMP:21.8°C, RH:52.9%

Memo

:

D:\2025 CE report data\Q25070114-2E\CE.EM6

Tested By

: Antony Zeng

Model Number

: WM03M

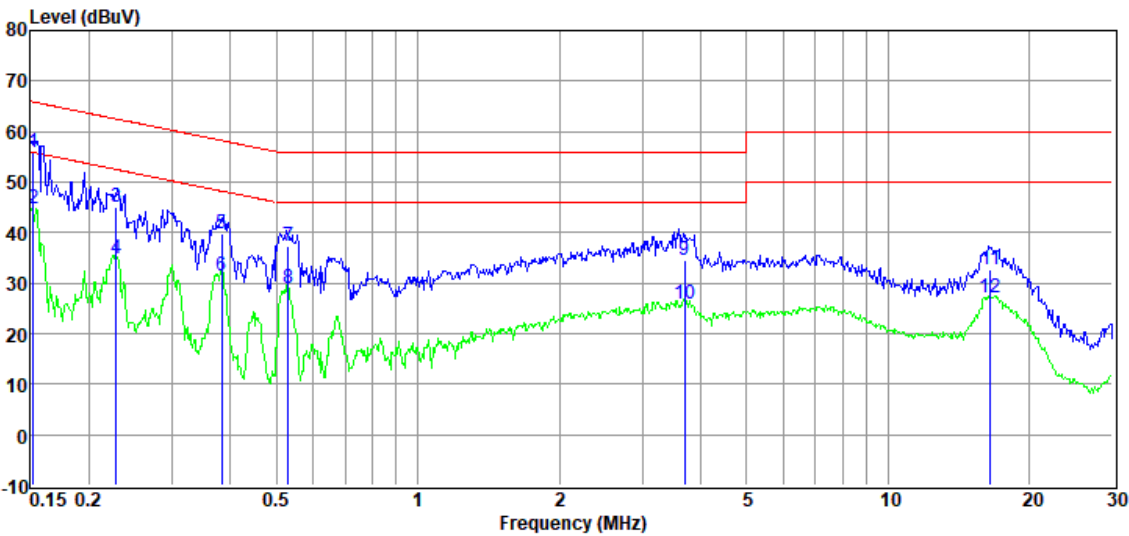
Test Mode

: BLE 2M 2478 TX mode

LISN

: 2024 1# ENV216/LINE

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	36.09	9.89	0.11	9.86	55.95	65.87	-9.92	QP	LINE
2	0.15	24.87	9.89	0.11	9.86	44.73	55.87	-11.14	Average	LINE
3	0.23	25.35	9.73	0.13	9.86	45.07	62.52	-17.45	QP	LINE
4	0.23	15.21	9.73	0.13	9.86	34.93	52.52	-17.59	Average	LINE
5	0.38	20.08	9.81	0.11	9.86	39.86	58.21	-18.35	QP	LINE
6	0.38	11.76	9.81	0.11	9.86	31.54	48.21	-16.67	Average	LINE
7	0.53	17.58	9.85	0.06	9.86	37.35	56.00	-18.65	QP	LINE
8	0.53	9.21	9.85	0.06	9.86	28.98	46.00	-17.02	Average	LINE
9	3.70	14.93	9.74	0.05	9.86	34.58	56.00	-21.42	QP	LINE
10	3.70	6.10	9.74	0.05	9.86	25.75	46.00	-20.25	Average	LINE
11	16.49	12.47	9.98	0.14	9.94	32.53	60.00	-27.47	QP	LINE
12	16.49	7.06	9.98	0.14	9.94	27.12	50.00	-22.88	Average	LINE

- Note:
1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.

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

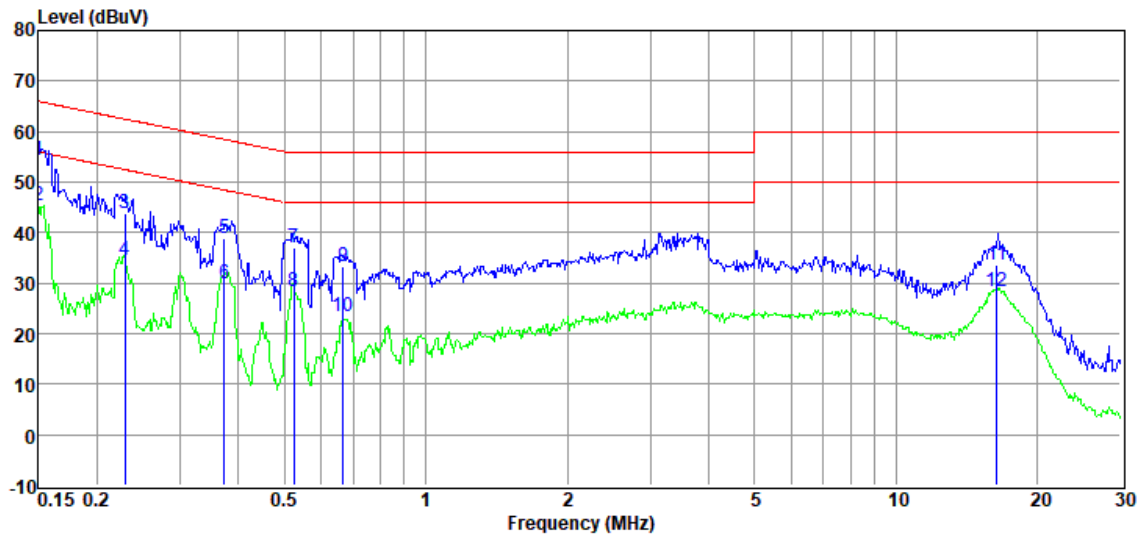
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2025-07-31
EUT : Projector
Power Supply : AC 120V/60Hz
Condition : TEMP:21.8°C, RH:52.9%
Memo :
D:\2025 CE report data\Q25070114-2E\CE.EM6
Tested By : Antony Zeng
Model Number : WM03M
Test Mode : BLE 2M 2478 TX mode
LISN : 2024 1# ENV216/NEUTRAL

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	34.80	9.65	0.11	9.86	54.42	66.00	-11.58	QP	NEUTRAL
2	0.15	25.89	9.65	0.11	9.86	45.51	56.00	-10.49	Average	NEUTRAL
3	0.23	24.21	9.71	0.13	9.86	43.91	62.48	-18.57	QP	NEUTRAL
4	0.23	14.75	9.71	0.13	9.86	34.45	52.48	-18.03	Average	NEUTRAL
5	0.37	19.21	9.74	0.11	9.86	38.92	58.43	-19.51	QP	NEUTRAL
6	0.37	10.19	9.74	0.11	9.86	29.90	48.43	-18.53	Average	NEUTRAL
7	0.52	17.45	9.78	0.06	9.86	37.15	56.00	-18.85	QP	NEUTRAL
8	0.52	8.68	9.78	0.06	9.86	28.38	46.00	-17.62	Average	NEUTRAL
9	0.67	13.60	9.76	0.08	9.87	33.31	56.00	-22.69	QP	NEUTRAL
10	0.67	3.70	9.76	0.08	9.87	23.41	46.00	-22.59	Average	NEUTRAL
11	16.40	13.76	9.87	0.14	9.94	33.71	60.00	-26.29	QP	NEUTRAL
12	16.40	8.50	9.87	0.14	9.94	28.45	50.00	-21.55	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.

16. Photos of the EUT

Please refer to appendix I

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