

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna (1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna (18 GHz-40 GHz)	1 m

According ANSI C63.10 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 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

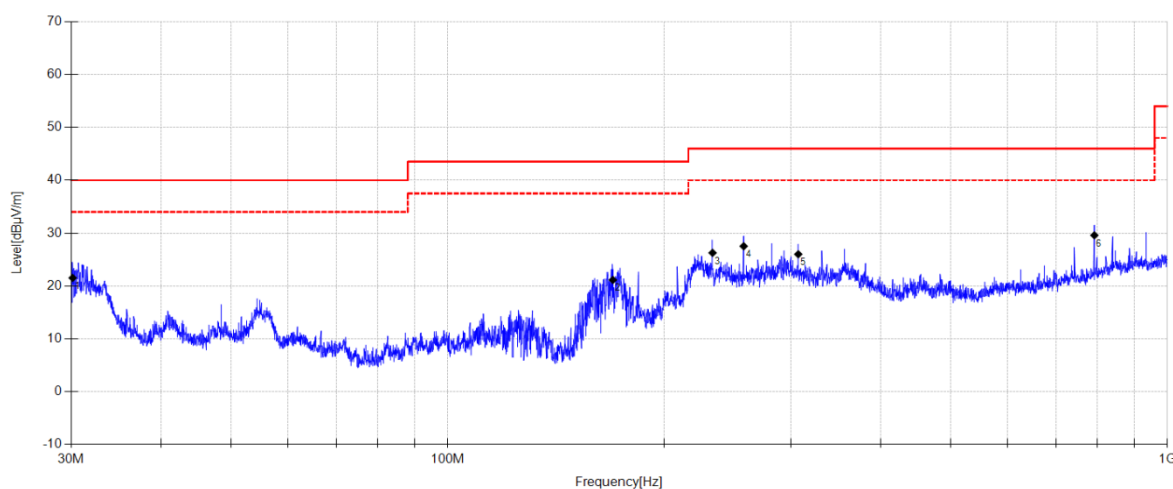
Test Date: 2026-05-18 **Tested By:** Li Xiongbín

Test Mode: BLE1M 2402MHz TX Mode **Power Supply:** AC 120V/60Hz

Condition: Temp:24.0°C;Humi:60.3% **Test Site:** DDT 3# Chamber

File Path: d:\ts\2026 report data\Q26031216-2E\FCC Below 1G\9

Memo: Sample Number:S26031216-002



Final Data List

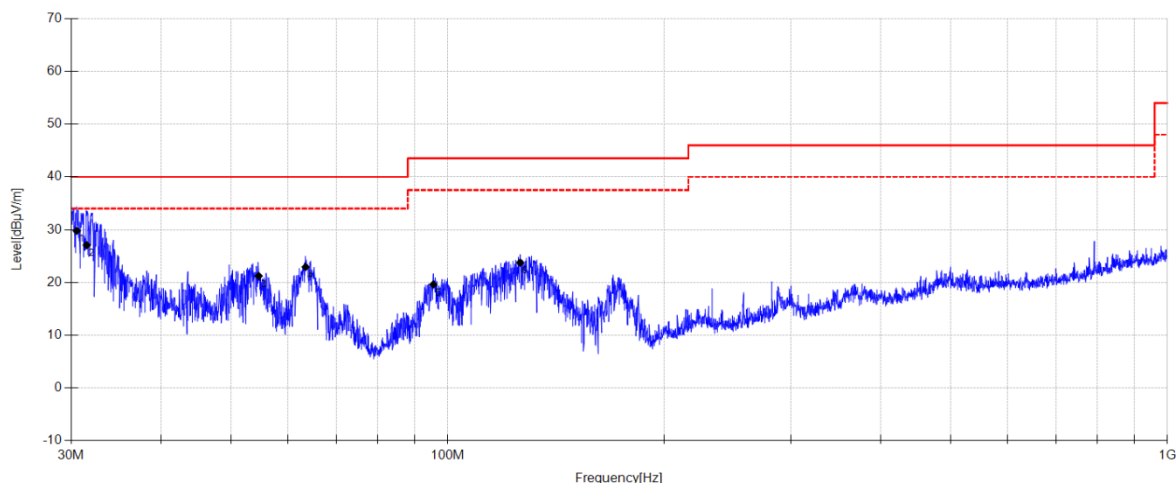
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.126	39.58	10.47	3.78	21.53	40.00	18.47	QP	Horizontal
2	169.659	39.41	9.40	4.70	21.14	43.50	22.36	QP	Horizontal
3	233.417	41.94	11.72	5.01	26.27	46.00	19.73	QP	Horizontal
4	257.853	42.62	12.20	5.11	27.53	46.00	18.47	QP	Horizontal
5	307.041	39.37	13.74	5.31	26.01	46.00	19.99	QP	Horizontal
6	791.765	34.93	20.30	6.91	29.59	46.00	16.41	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-05-18 **Tested By:** Li Xiongbin
Test Mode: BLE1M 2402MHz TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:24.0°C;Humi:60.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26031216-2E\FCC Below 1G\10
Memo: Sample Number:S26031216-002

**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.531	47.91	10.39	3.79	29.79	40.00	10.21	QP	Vertical
2	31.509	44.95	10.61	3.80	27.06	40.00	12.94	QP	Vertical
3	54.636	36.56	12.95	4.02	21.23	40.00	18.77	QP	Vertical
4	63.482	38.84	12.30	4.10	22.94	40.00	17.06	QP	Vertical
5	95.539	36.9	10.74	4.28	19.62	43.50	23.88	QP	Vertical
6	126.115	42.13	9.51	4.45	23.76	43.50	19.74	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-05-18

Tested By:

Li Xiongbín

Test Mode:

BLE2M 2404MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.0°C;Humi:60.3%

Test Site:

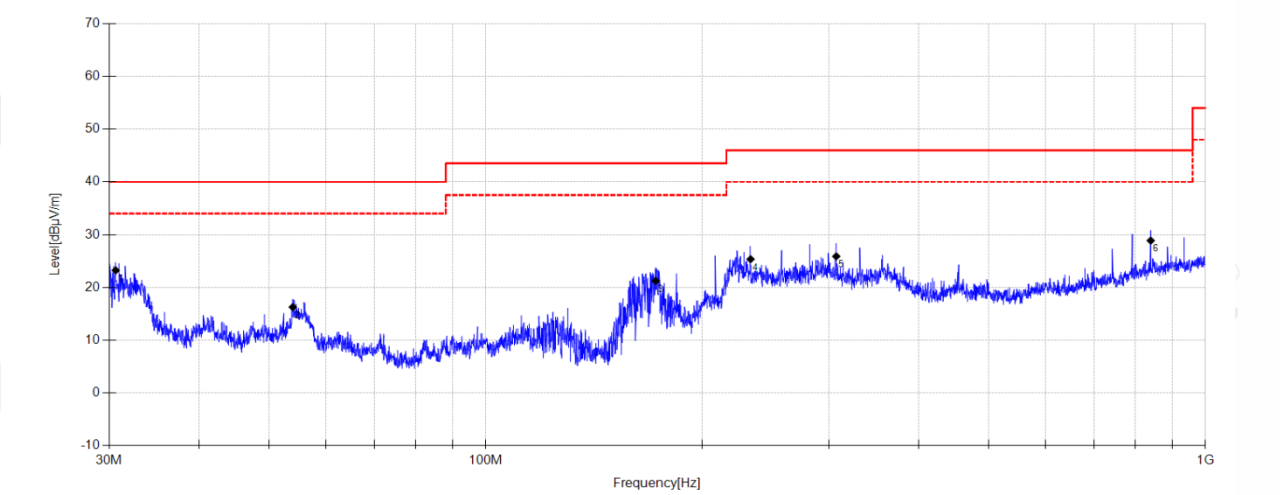
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26031216-2E\FCC Below 1G\11

Memo:

Sample Number:S26031216-002



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.616	41.38	10.38	3.79	23.25	40.00	16.75	QP	Horizontal
2	53.951	31.18	13.39	4.01	16.28	40.00	23.72	QP	Horizontal
3	172.297	39.73	9.17	4.72	21.25	43.50	22.25	QP	Horizontal
4	233.417	41.03	11.72	5.01	25.36	46.00	20.64	QP	Horizontal
5	307.041	39.26	13.74	5.31	25.90	46.00	20.10	QP	Horizontal
6	839.800	33.05	21.08	7.01	28.88	46.00	17.12	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-05-18

Tested By:

Li Xiongbin

Test Mode:

BLE2M 2404MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.0°C;Humi:60.3%

Test Site:

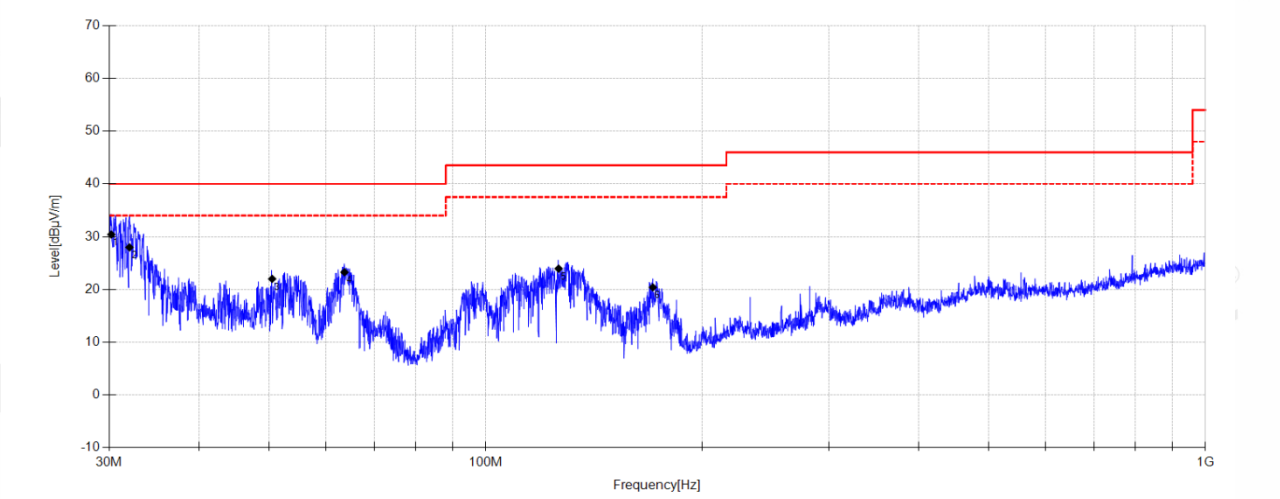
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26031216-2E\FCC Below 1G\12

Memo:

Sample Number:S26031216-002



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.190	48.48	10.46	3.78	30.42	40.00	9.58	QP	Vertical
2	31.999	45.57	10.90	3.81	27.98	40.00	12.02	QP	Vertical
3	50.510	37.13	13.20	3.98	22.01	40.00	17.99	QP	Vertical
4	63.660	39.2	12.27	4.10	23.27	40.00	16.73	QP	Vertical
5	126.292	42.46	9.37	4.45	23.95	43.50	19.55	QP	Vertical
6	170.733	38.81	9.25	4.71	20.40	43.50	23.10	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

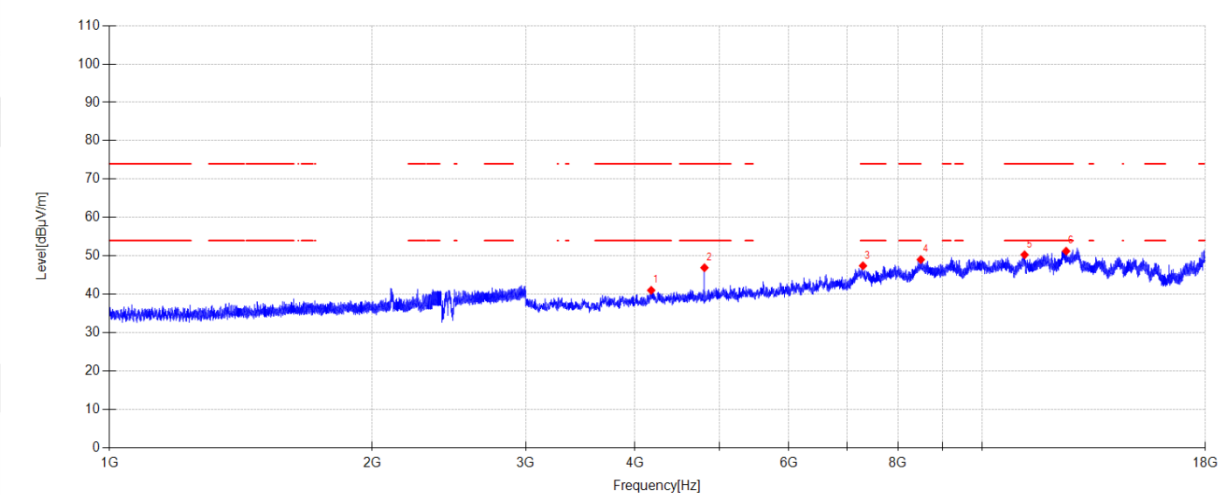
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\1

Memo:

Sample number: S26031216-002 Power Setting:11



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	4174.500	47.41	31.07	-37.44	41.04	74.00	32.96	PK	Horizontal
2	4804.500	53.35	32.39	-38.82	46.92	74.00	27.08	PK	Horizontal
3	7297.500	46.08	36.24	-34.89	47.43	74.00	26.57	PK	Horizontal
4	8499.000	44.28	37.40	-32.65	49.03	74.00	24.97	PK	Horizontal
5	11175.000	41.57	38.88	-30.16	50.29	74.00	23.71	PK	Horizontal
6	12469.500	40.94	39.22	-28.92	51.24	74.00	22.76	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

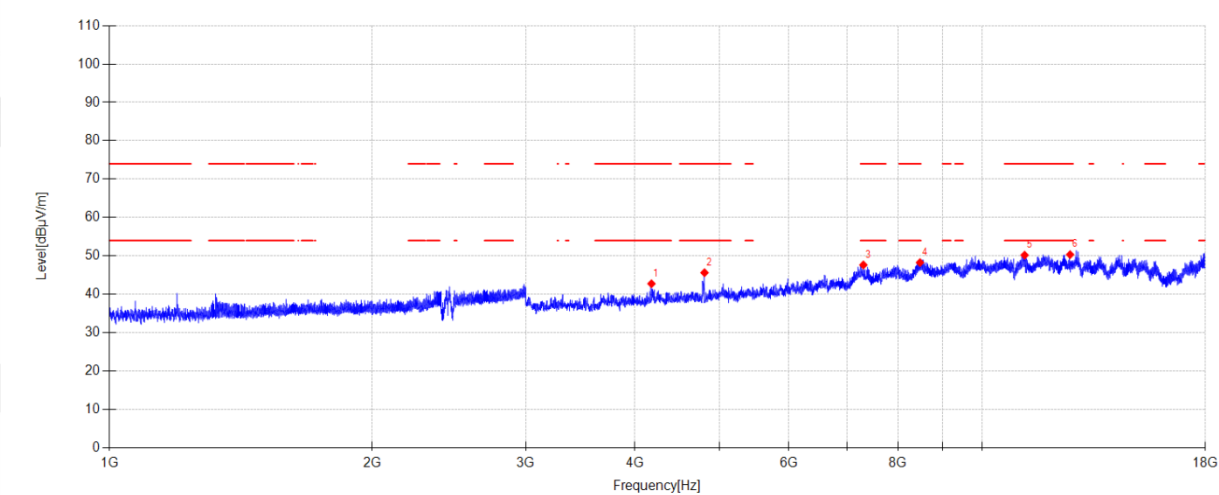
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\2

Memo:

Sample number: S26031216-002 Power Setting:11



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	4177.500	49.07	31.07	-37.39	42.75	74.00	31.25	PK	Vertical
2	4804.500	52.05	32.39	-38.82	45.62	74.00	28.38	PK	Vertical
3	7305.000	46.33	36.24	-34.92	47.65	74.00	26.35	PK	Vertical
4	8481.000	43.79	37.38	-32.90	48.27	74.00	25.73	PK	Vertical
5	11176.500	41.48	38.88	-30.16	50.20	74.00	23.80	PK	Vertical
6	12600.000	40.41	39.34	-29.41	50.34	74.00	23.66	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

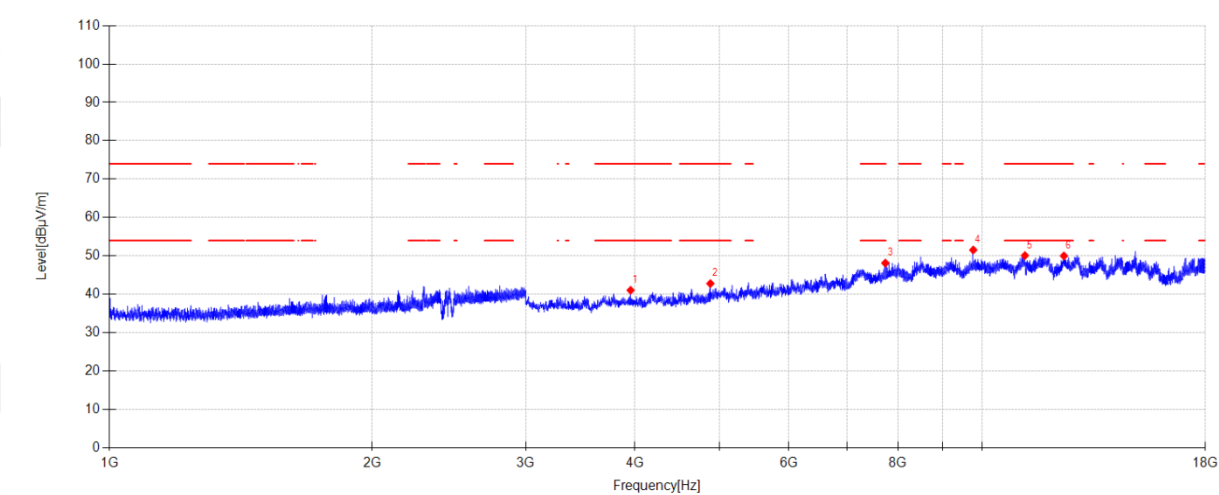
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\5

Memo:

Sample number: S26031216-002 Power Setting:11



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	3954.000	48.44	30.63	-38.02	41.05	74.00	32.95	PK	Horizontal
2	4879.500	48.53	32.55	-38.28	42.80	74.00	31.20	PK	Horizontal
3	7741.500	46.70	36.59	-35.16	48.13	74.00	25.87	PK	Horizontal
4	9760.500	45.31	38.15	-31.91	51.55	-	-	PK	Horizontal
5	11185.500	41.34	38.88	-30.12	50.10	74.00	23.90	PK	Horizontal
6	12397.500	39.30	39.16	-28.46	50.00	74.00	24.00	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

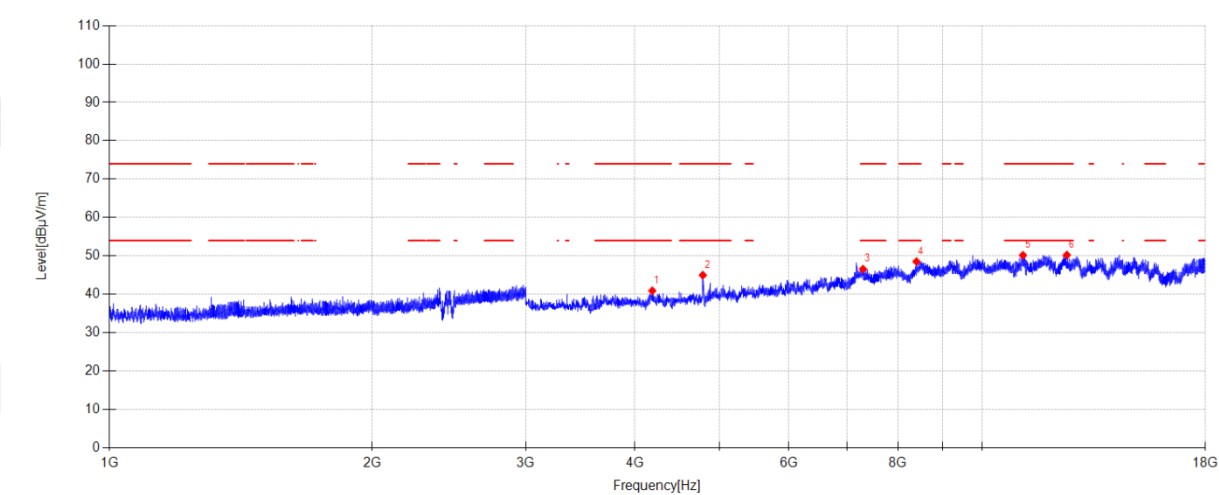
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\6

Memo:

Sample number: S26031216-002 Power Setting:11



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	4186.500	47.07	31.09	-37.24	40.92	74.00	33.08	PK	Vertical
2	4783.500	51.33	32.35	-38.70	44.98	74.00	29.02	PK	Vertical
3	7297.500	45.20	36.24	-34.89	46.55	74.00	27.45	PK	Vertical
4	8403.000	45.23	37.28	-33.99	48.52	74.00	25.48	PK	Vertical
5	11128.500	41.60	38.89	-30.33	50.16	74.00	23.84	PK	Vertical
6	12493.500	40.08	39.24	-29.09	50.23	74.00	23.77	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

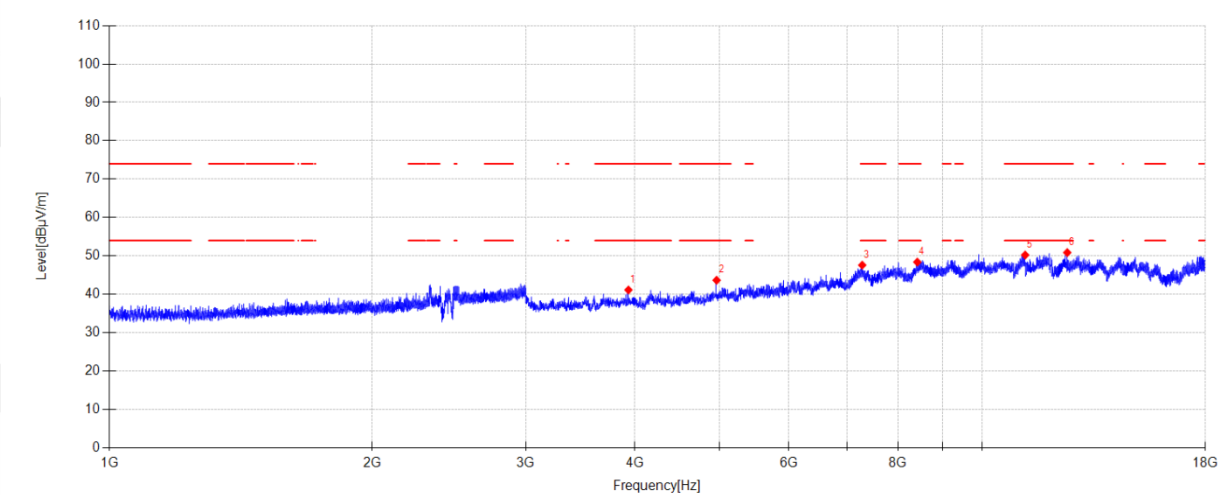
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\7

Memo:

Sample number: S26031216-002 Power Setting:11



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	3931.500	48.55	30.60	-38.01	41.14	74.00	32.86	PK	Horizontal
2	4960.500	48.99	32.72	-38.05	43.66	74.00	30.34	PK	Horizontal
3	7282.500	46.33	36.23	-34.97	47.59	74.00	26.41	PK	Horizontal
4	8421.000	44.82	37.31	-33.74	48.39	74.00	25.61	PK	Horizontal
5	11193.000	41.45	38.88	-30.10	50.23	74.00	23.77	PK	Horizontal
6	12507.000	40.77	39.26	-29.16	50.87	74.00	23.13	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

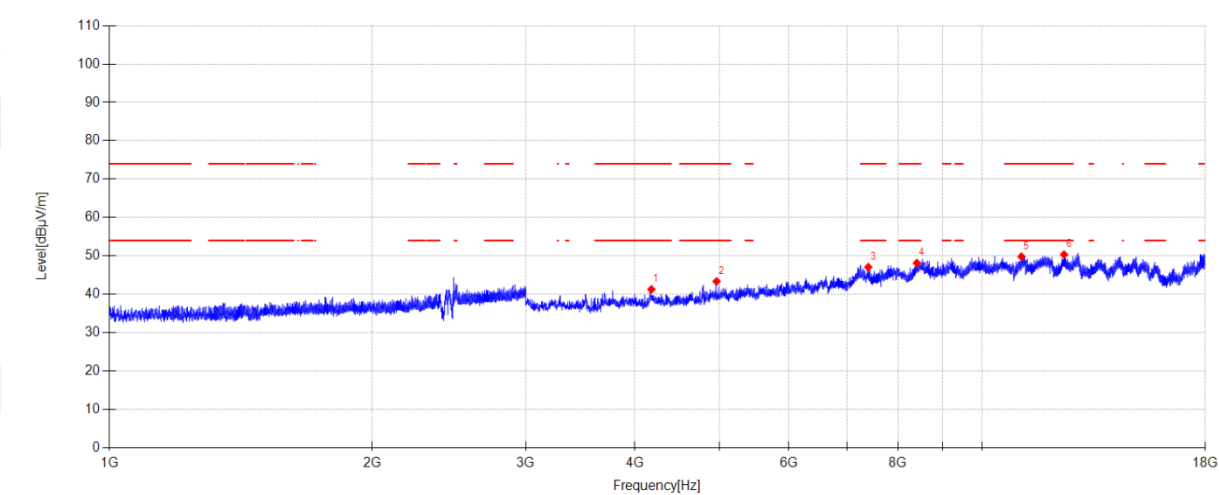
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\8

Memo:

Sample number: S26031216-002 Power Setting:11



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	4176.000	47.61	31.07	-37.41	41.27	74.00	32.73	PK	Vertical
2	4960.500	48.69	32.72	-38.05	43.36	74.00	30.64	PK	Vertical
3	7399.500	46.42	36.32	-35.66	47.08	74.00	26.92	PK	Vertical
4	8410.500	44.73	37.29	-33.88	48.14	74.00	25.86	PK	Vertical
5	11082.000	41.58	38.89	-30.66	49.81	74.00	24.19	PK	Vertical
6	12400.500	39.62	39.16	-28.43	50.35	74.00	23.65	PK	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:

2026-03-19

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

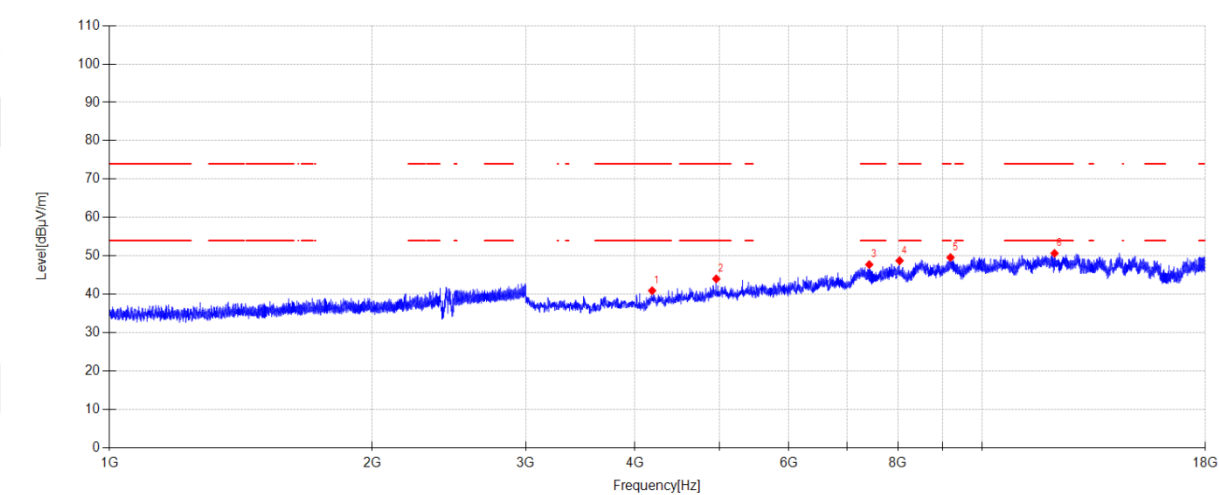
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\14

Memo:

Sample number: S26031216-002 Power Setting:11



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	4185.000	47.12	31.09	-37.26	40.95	74.00	33.05	PK	Horizontal
2	4956.000	49.37	32.71	-38.06	44.02	74.00	29.98	PK	Horizontal
3	7419.000	47.21	36.34	-35.81	47.74	74.00	26.26	PK	Horizontal
4	8037.000	46.24	36.84	-34.33	48.75	74.00	25.25	PK	Horizontal
5	9192.000	43.82	38.04	-32.27	49.59	74.00	24.41	PK	Horizontal
6	12094.500	42.31	38.89	-30.53	50.67	74.00	23.33	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

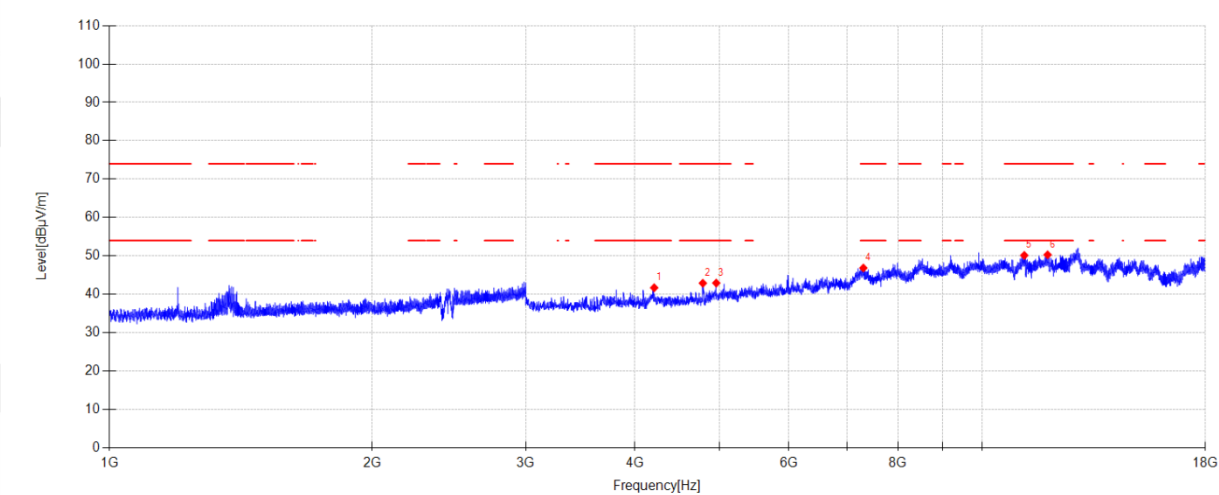
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\15

Memo:

Sample number: S26031216-002 Power Setting:11



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	4207.500	47.64	31.14	-37.08	41.70	74.00	32.30	PK	Vertical
2	4783.500	49.24	32.35	-38.70	42.89	74.00	31.11	PK	Vertical
3	4956.000	48.28	32.71	-38.06	42.93	74.00	31.07	PK	Vertical
4	7305.000	45.53	36.24	-34.92	46.85	74.00	27.15	PK	Vertical
5	11166.000	41.45	38.88	-30.20	50.13	74.00	23.87	PK	Vertical
6	11874.000	40.99	38.81	-29.52	50.28	74.00	23.72	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

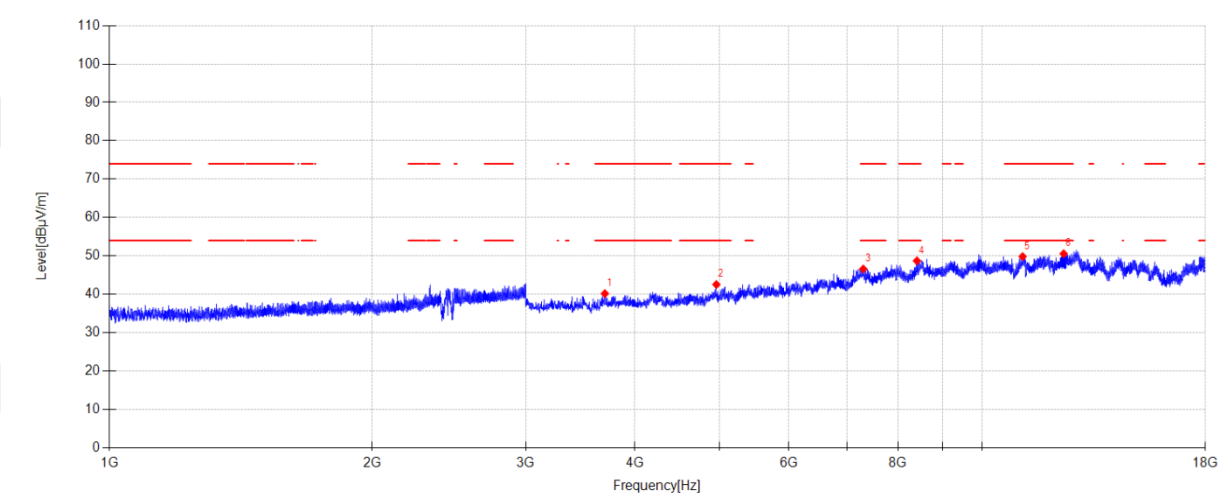
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\16

Memo:

Sample number: S26031216-002 Power Setting:11



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	3694.500	47.59	30.24	-37.65	40.18	74.00	33.82	PK	Horizontal
2	4957.500	47.89	32.71	-38.06	42.54	74.00	31.46	PK	Horizontal
3	7303.500	45.26	36.24	-34.91	46.59	74.00	27.41	PK	Horizontal
4	8413.500	45.25	37.30	-33.84	48.71	74.00	25.29	PK	Horizontal
5	11118.000	41.32	38.89	-30.37	49.84	74.00	24.16	PK	Horizontal
6	12388.500	40.01	39.15	-28.59	50.57	74.00	23.43	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

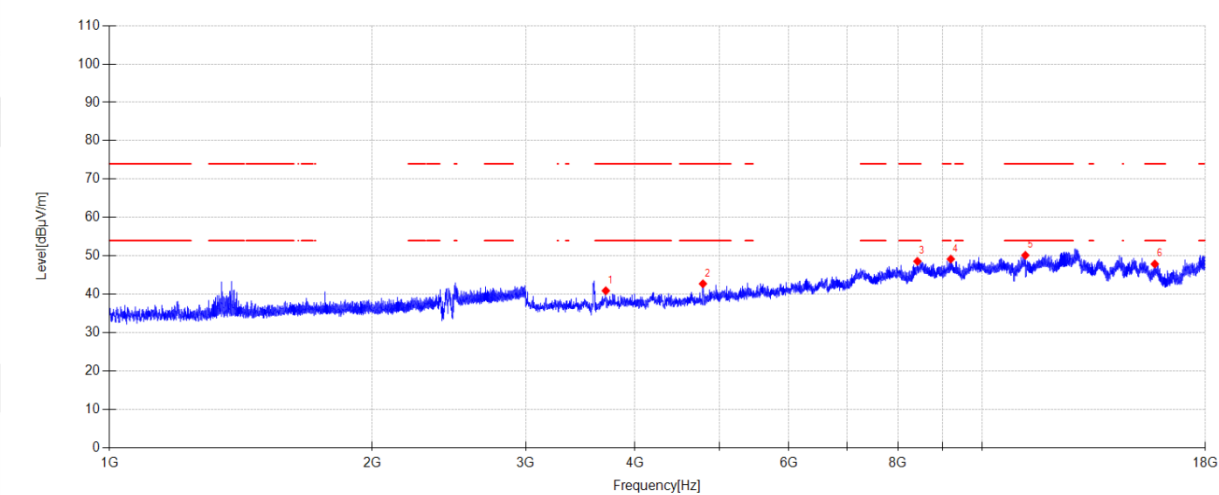
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\17

Memo:

Sample number: S26031216-002 Power Setting:11



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	3703.500	48.26	30.26	-37.59	40.93	74.00	33.07	PK	Vertical
2	4785.000	49.10	32.35	-38.71	42.74	74.00	31.26	PK	Vertical
3	8424.000	44.98	37.31	-33.70	48.59	74.00	25.41	PK	Vertical
4	9199.500	43.33	38.04	-32.20	49.17	74.00	24.83	PK	Vertical
5	11197.500	41.35	38.88	-30.08	50.15	74.00	23.85	PK	Vertical
6	15754.500	37.73	38.22	-28.07	47.88	74.00	26.12	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

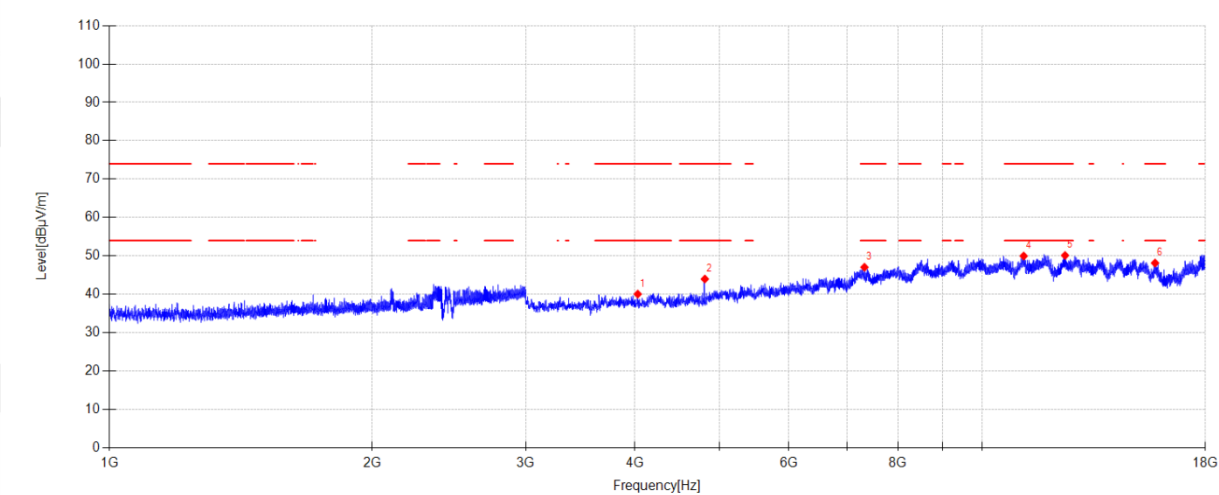
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\18

Memo:

Sample number: S26031216-002 Power Setting:11



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	4029.000	47.52	30.76	-38.23	40.05	74.00	33.95	PK	Horizontal
2	4809.000	50.37	32.40	-38.79	43.98	74.00	30.02	PK	Horizontal
3	7326.000	45.87	36.26	-35.08	47.05	74.00	26.95	PK	Horizontal
4	11149.500	41.34	38.89	-30.26	49.97	74.00	24.03	PK	Horizontal
5	12433.500	39.60	39.19	-28.67	50.12	74.00	23.88	PK	Horizontal
6	15765.000	37.99	38.20	-28.04	48.15	74.00	25.85	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

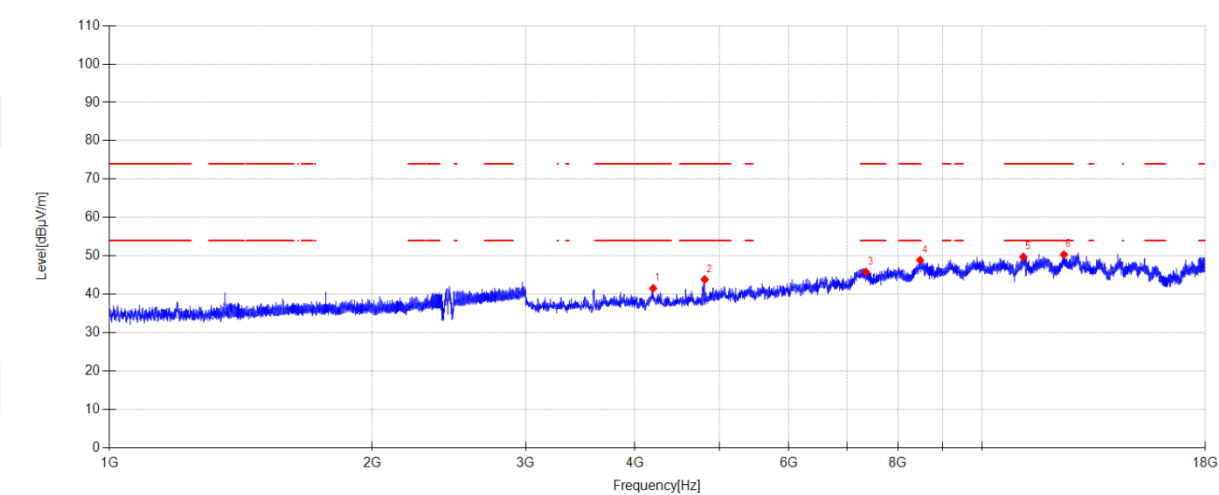
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\19

Memo:

Sample number: S26031216-002 Power Setting:11



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	4195.500	47.53	31.11	-37.09	41.55	74.00	32.45	PK	Vertical
2	4807.500	50.25	32.40	-38.80	43.85	74.00	30.15	PK	Vertical
3	7351.500	44.84	36.28	-35.28	45.84	74.00	28.16	PK	Vertical
4	8484.000	44.38	37.38	-32.86	48.90	74.00	25.10	PK	Vertical
5	11140.500	41.15	38.89	-30.29	49.75	74.00	24.25	PK	Vertical
6	12394.500	39.68	39.16	-28.50	50.34	74.00	23.66	PK	Vertical

Note:

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

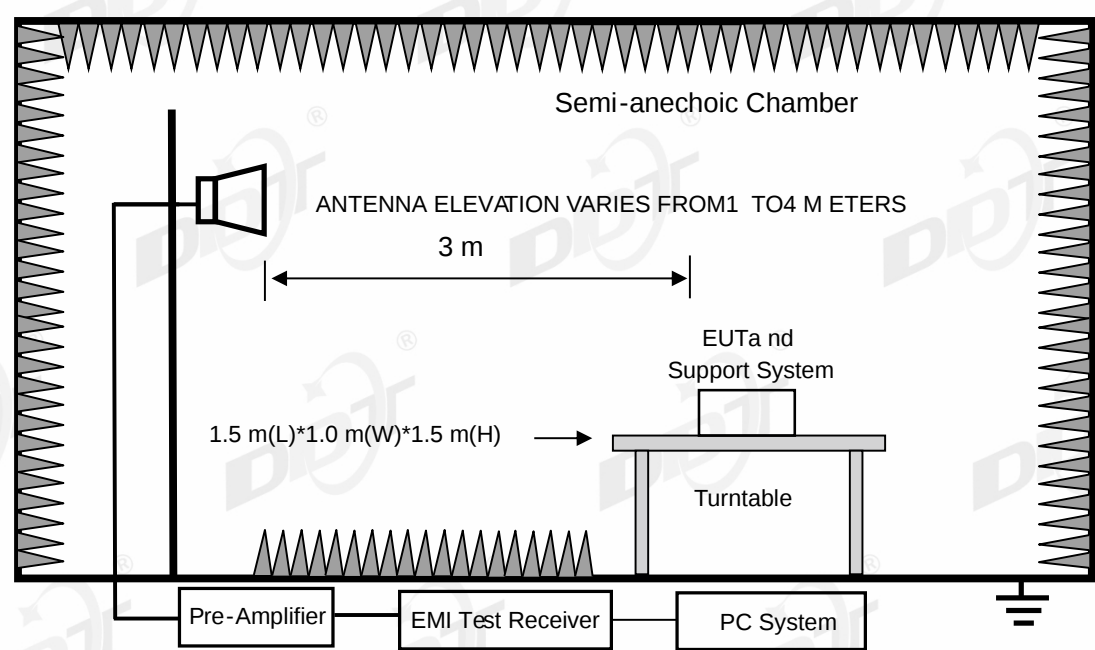
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Band Reject Filter Group	Tonscend	JS0806-F	DDT-ZC05733	/	/
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC05922	2027/01/06	1 Year
Broadband Preamplifier	HPX	BP-01G-18G	DDT-ZC05923	2027/01/06	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04	1 Year
Signal & Spectrum analyzer	R&S	FSV40-N	DDT-ZC04979	2026/07/04	1 Year
SPECTRUM ANALYZER	R&S	FSU26	DDT-ZC00236	2026/07/06	1 Year
RF Cable	Tonscend	7+1+1+0.5+0.5m	DDT-ZC05978	2027/01/29	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27	1 Year
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10	1 Year
Radiation disturbance fully automated test software	Tonscend	JS-RE&RSE (V5.0.0)	DDT-ZC06466	/	/

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
Notebook	Lenovo	i5-5300U	Test comptuer	/

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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

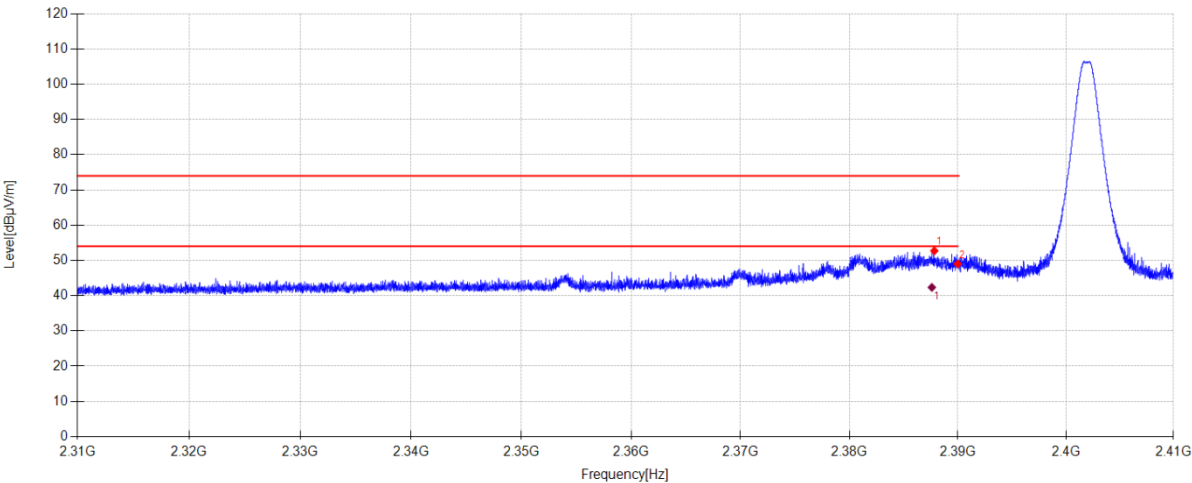
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\3

Memo:

Sample number: S26031216-002 Power Setting:11



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	2387.830	53.01	27.42	-27.72	52.71	74.00	21.29	PK	Horizontal
2	2390.000	49.28	27.43	-27.71	49.00	74.00	25.00	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	2387.601	42.64	27.42	-27.72	42.34	54.00	11.66	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

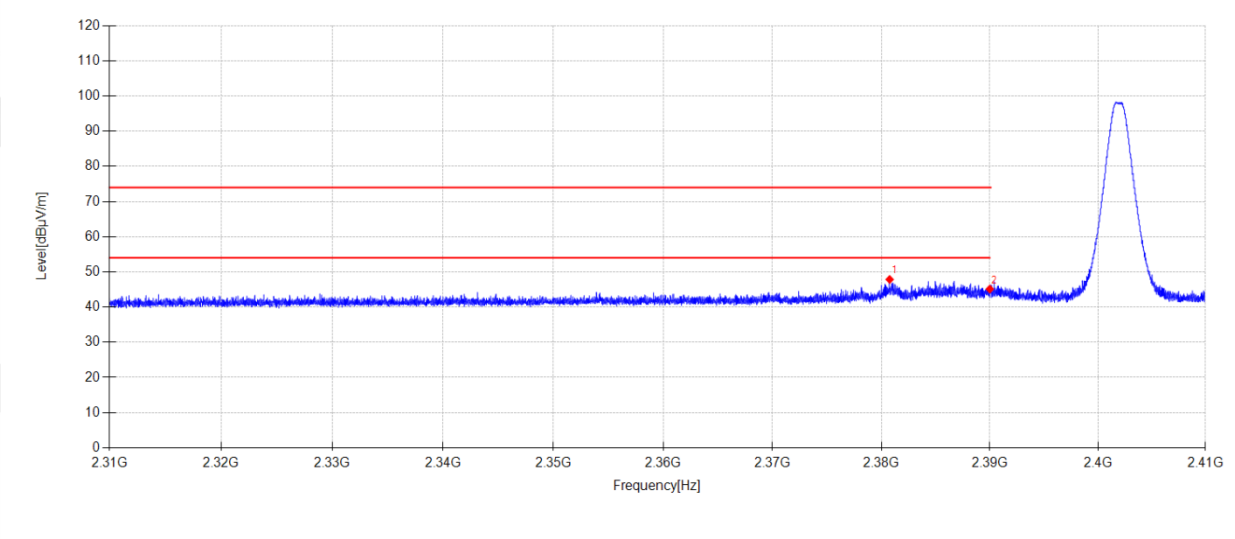
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\4

Memo:

Sample number: S26031216-002 Power Setting:11



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	2380.760	48.21	27.40	-27.75	47.86	74.00	26.14	PK	Vertical
2	2390.000	45.41	27.43	-27.71	45.13	74.00	28.87	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

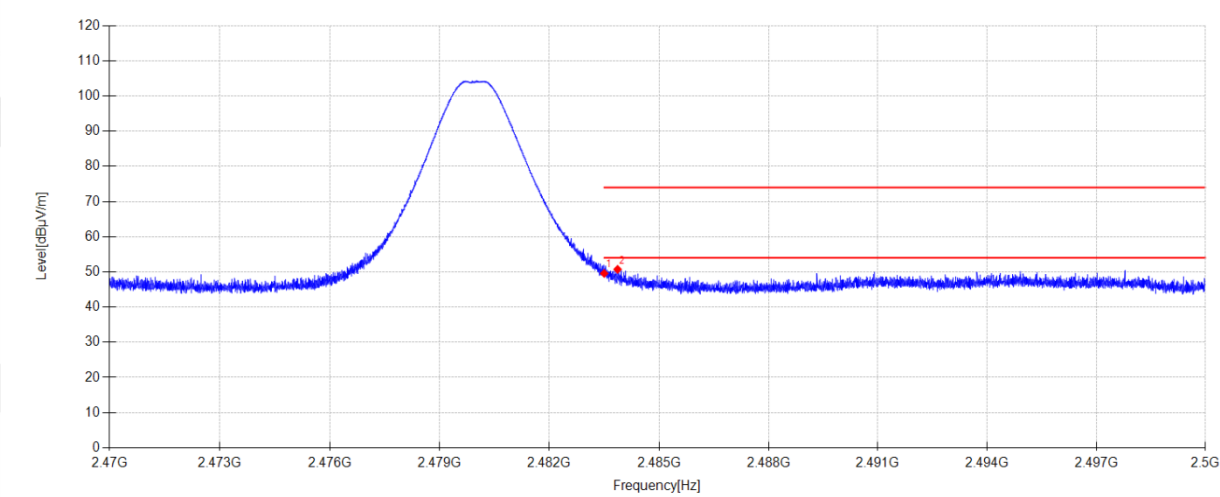
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\9

Memo:

Sample number: S26031216-002 Power Setting:11



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	2483.500	49.31	27.70	-27.44	49.57	74.00	24.43	PK	Horizontal
2	2483.866	50.47	27.70	-27.44	50.73	74.00	23.27	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

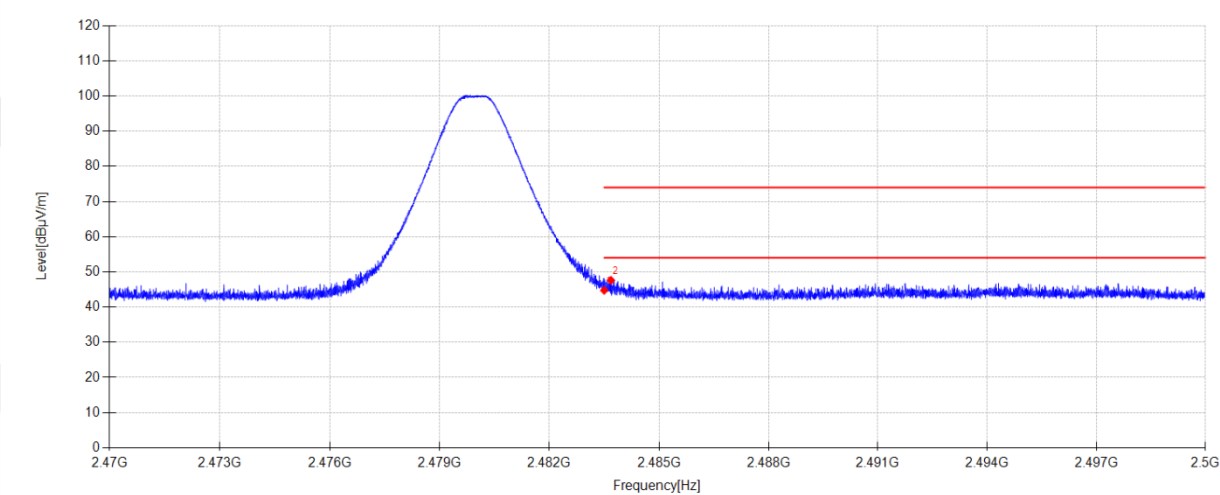
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\10

Memo:

Sample number: S26031216-002 Power Setting:11



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	2483.500	44.50	27.70	-27.44	44.76	74.00	29.24	PK	Vertical
2	2483.686	47.35	27.70	-27.44	47.61	74.00	26.39	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

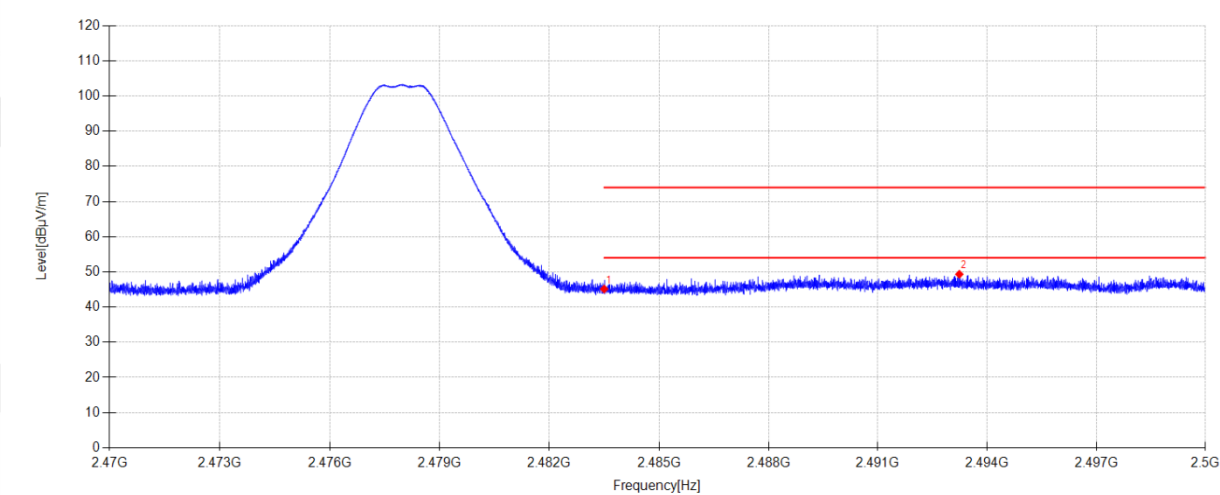
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\11

Memo:

Sample number: S26031216-002 Power Setting:11



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	2483.500	44.87	27.70	-27.44	45.13	74.00	28.87	PK	Horizontal
2	2493.235	49.02	27.73	-27.41	49.34	74.00	24.66	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

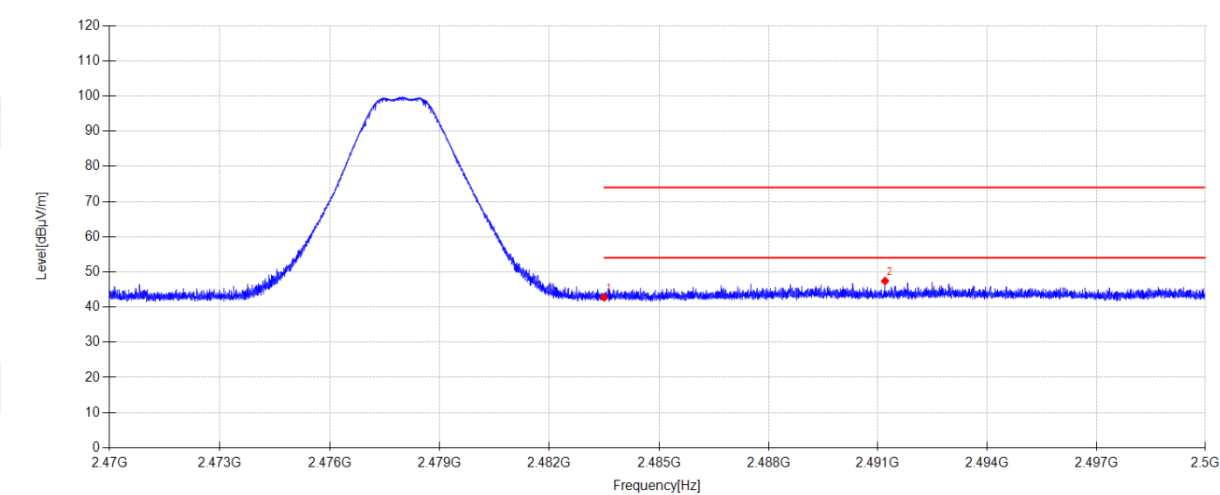
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\12

Memo:

Sample number: S26031216-002 Power Setting:11



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	2483.500	42.51	27.70	-27.44	42.77	74.00	31.23	PK	Vertical
2	2491.195	47.11	27.72	-27.41	47.42	74.00	26.58	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

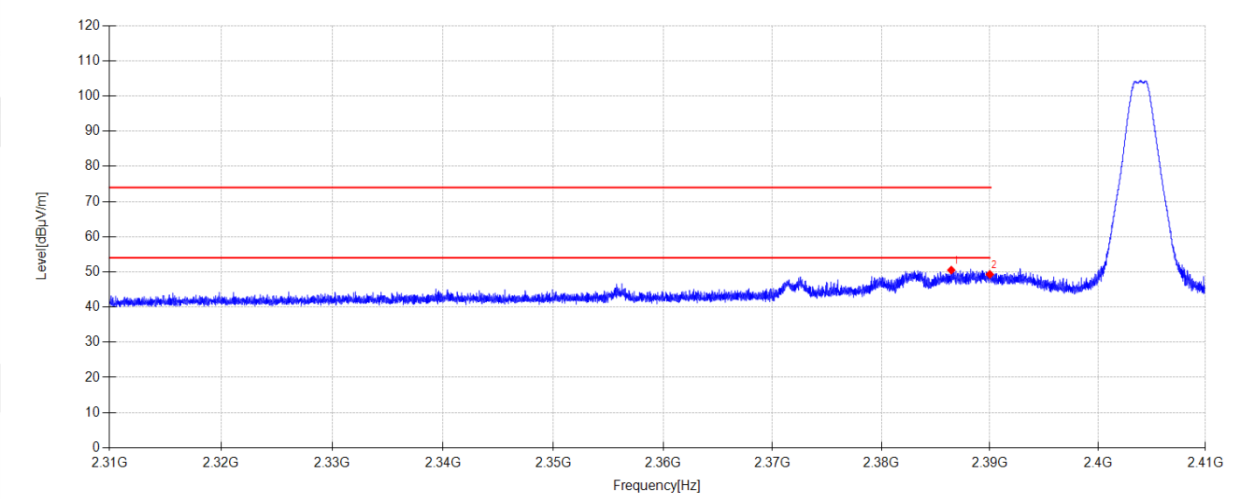
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\19

Memo:

Sample number: S26031216-002 Power Setting:11



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	2386.440	50.81	27.42	-27.72	50.51	74.00	23.49	PK	Horizontal
2	2390.000	49.58	27.43	-27.71	49.30	74.00	24.70	PK	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:

2026-03-18

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.2°C;Humi:49.1%

Test Site:

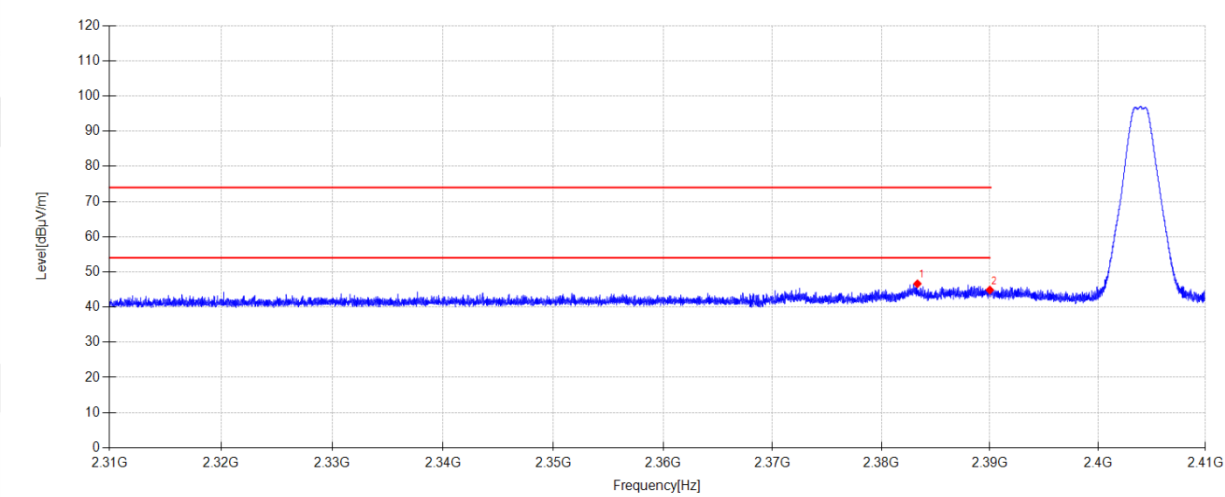
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031216-2E\FCC ABOVE 1G BLE\20

Memo:

Sample number: S26031216-002 Power Setting:11



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	2383.320	46.96	27.41	-27.74	46.63	74.00	27.37	PK	Vertical
2	2390.000	45.13	27.43	-27.71	44.85	74.00	29.15	PK	Vertical

Note:

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

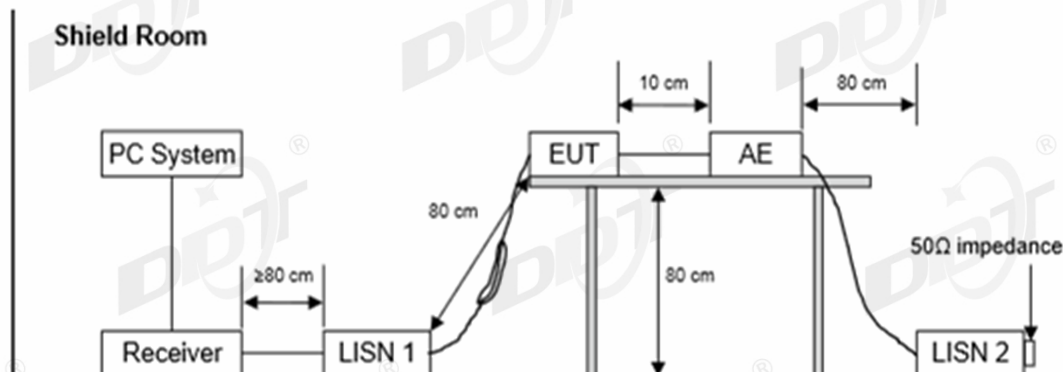
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2026/07/06	1 Year
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2026/07/06	1 Year
Three-phase artificial power network	SCHWARZBECK	NSLK 8163	DDT-ZC01572	2026/07/06	1 Year
Pulse Limiter	SCHWARZBECK	VTSD 9561	DDT-ZC02128	2026/07/06	1 Year
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2026/07/06	1 Year
Δ -shaped artificial power network	SCHWARZBECK	PVDC 8301	DDT-ZC03939	2027/03/10	1 Year
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01063	2027/02/27	1 Year
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01062	2027/02/27	1 Year
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2026/07/06	1 Year

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
Notebook	Lenovo	i5-5300U	Test comptuer	/

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.

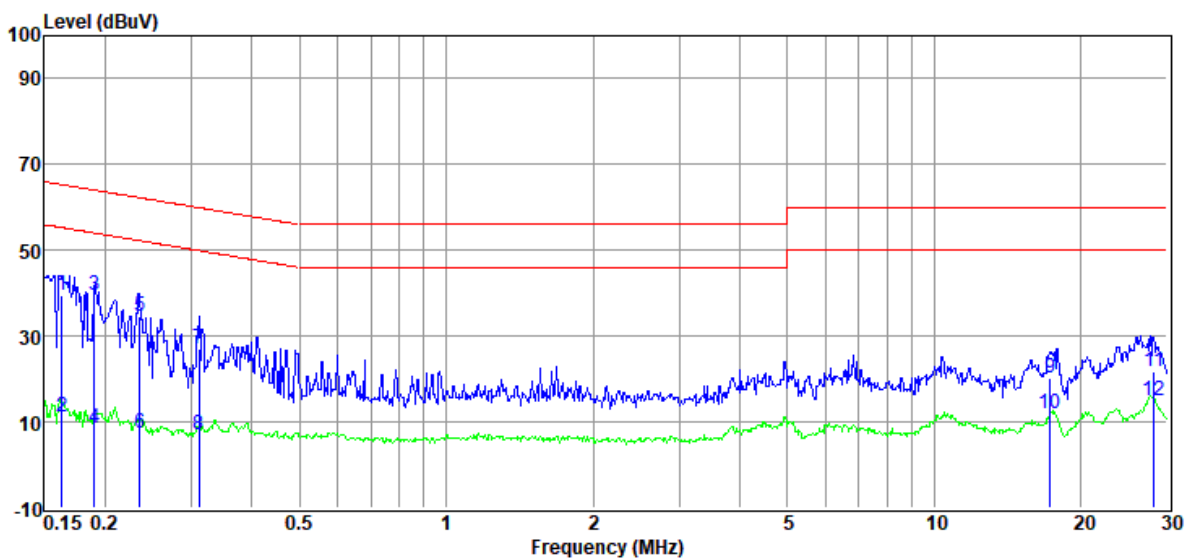
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room D:\2026 CE Report Data\Q26031216-2E\0512 CE.EM6
Test Date : 2026-05-12 Tested By : Li Xiongbin
EUT : 3.1 CHANNEL SOUNDBAR WITH DOLBY ATMOS® AND WIRELESS SUBWOOFER Model Number : CINEMA SB580MK2
Power Supply : AC 120V/60Hz Test Mode : BLE1M 2402MHz TX Mode
Condition : TEMP:26.1°C, RH:65.4% LISN : 2025 1# 216/LINE
Memo : S26031216-008

Data: 18



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	19.79	9.84	0.05	9.89	39.57	65.30	25.73	QP	LINE
2	0.16	-8.68	9.84	0.05	9.89	11.10	55.30	44.20	Average	LINE
3	0.19	19.79	9.83	0.06	9.89	39.57	64.02	24.45	QP	LINE
4	0.19	-11.28	9.83	0.06	9.89	8.50	54.02	45.52	Average	LINE
5	0.24	14.68	9.82	0.06	9.89	34.45	62.26	27.81	QP	LINE
6	0.24	-12.28	9.82	0.06	9.89	7.49	52.26	44.77	Average	LINE
7	0.31	7.45	9.69	0.06	9.89	27.09	59.93	32.84	QP	LINE
8	0.31	-12.57	9.69	0.06	9.89	7.07	49.93	42.86	Average	LINE
9	17.29	-0.51	10.35	0.38	9.92	20.14	60.00	39.86	QP	LINE
10	17.29	-8.89	10.35	0.38	9.92	11.76	50.00	38.24	Average	LINE
11	28.15	0.82	10.43	0.43	9.98	21.66	60.00	38.34	QP	LINE
12	28.15	-5.83	10.43	0.43	9.98	15.01	50.00	34.99	Average	LINE

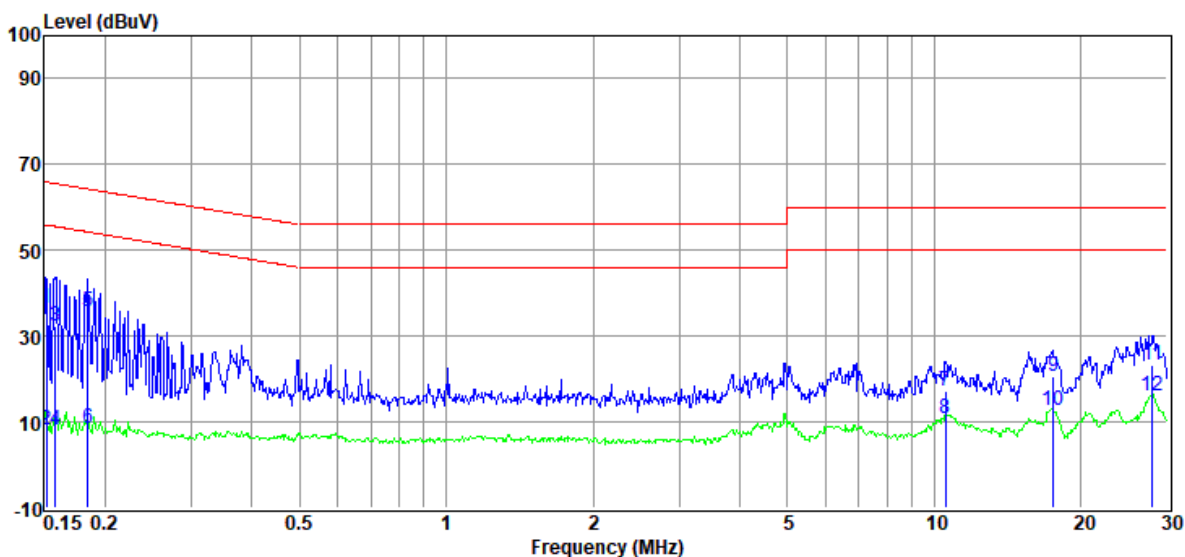
Note:

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 D:\2026 CE Report Data\Q26031216-2E\0512 CE.EM6
Test Date : 2026-05-12 Tested By : Li Xiongbin
EUT : 3.1 CHANNEL SOUNDBAR WITH
DOLBY ATMOS® AND WIRELESS
SUBWOOFER Model Number : CINEMA SB580MK2
Power Supply : AC 120V/60Hz Test Mode : BLE1M 2402MHz TX Mode
Condition : TEMP:26.1°C, RH:65.4% LISN : 2025 1# 216/NEUTRAL
Memo : S26031216-008

Data: 20



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	16.94	9.76	0.05	9.89	36.64	65.91	29.27	QP	NEUTRAL
2	0.15	-11.44	9.76	0.05	9.89	8.26	55.91	47.65	Average	NEUTRAL
3	0.16	12.52	9.73	0.05	9.89	32.19	65.56	33.37	QP	NEUTRAL
4	0.16	-11.42	9.73	0.05	9.89	8.25	55.56	47.31	Average	NEUTRAL
5	0.18	15.94	9.76	0.06	9.89	35.65	64.28	28.63	QP	NEUTRAL
6	0.18	-11.24	9.76	0.06	9.89	8.47	54.28	45.81	Average	NEUTRAL
7	10.56	-3.00	10.20	0.27	9.84	17.31	60.00	42.69	QP	NEUTRAL
8	10.56	-9.41	10.20	0.27	9.84	10.90	50.00	39.10	Average	NEUTRAL
9	17.57	-0.08	10.44	0.38	9.93	20.67	60.00	39.33	QP	NEUTRAL
10	17.57	-8.25	10.44	0.38	9.93	12.50	50.00	37.50	Average	NEUTRAL
11	28.00	1.90	10.78	0.43	9.98	23.09	60.00	36.91	QP	NEUTRAL
12	28.00	-4.93	10.78	0.43	9.98	16.26	50.00	33.74	Average	NEUTRAL

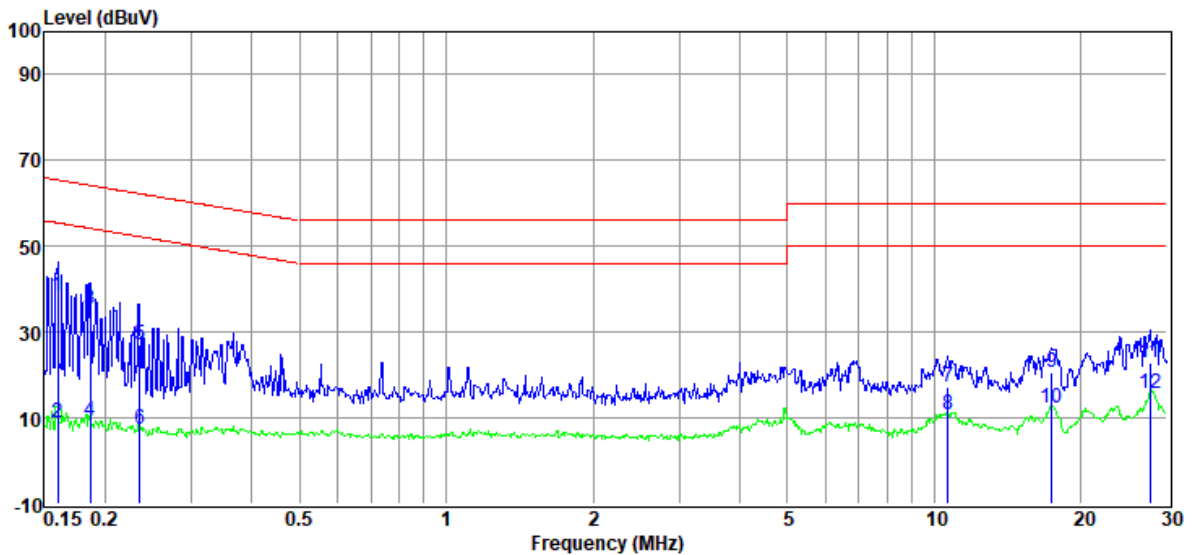
Note:

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 D:\2026 CE Report Data\Q26031216-2E\0512 CE.EM6
Test Date : 2026-05-12 Tested By : Li Xiongbin
EUT : 3.1 CHANNEL SOUNDBAR WITH
DOLBY ATMOS® AND WIRELESS
SUBWOOFER Model Number : CINEMA SB580MK2
Power Supply : AC 120V/60Hz Test Mode : BLE2M 2404MHz TX Mode
Condition : TEMP:26.1°C, RH:65.4% LISN : 2025 1# 216/NEUTRAL
Memo : S26031216-008

Data: 22



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	18.83	9.72	0.05	9.89	38.49	65.47	26.98	QP	NEUTRAL
2	0.16	-10.75	9.72	0.05	9.89	8.91	55.47	46.56	Average	NEUTRAL
3	0.19	15.60	9.76	0.06	9.89	35.31	64.20	28.89	QP	NEUTRAL
4	0.19	-10.57	9.76	0.06	9.89	9.14	54.20	45.06	Average	NEUTRAL
5	0.24	7.09	9.84	0.06	9.89	26.88	62.26	35.38	QP	NEUTRAL
6	0.24	-12.24	9.84	0.06	9.89	7.55	52.26	44.71	Average	NEUTRAL
7	10.68	-3.25	10.20	0.27	9.84	17.06	60.00	42.94	QP	NEUTRAL
8	10.68	-9.63	10.20	0.27	9.84	10.68	50.00	39.32	Average	NEUTRAL
9	17.38	-0.04	10.43	0.38	9.93	20.70	60.00	39.30	QP	NEUTRAL
10	17.38	-8.30	10.43	0.38	9.93	12.44	50.00	37.56	Average	NEUTRAL
11	27.71	1.79	10.77	0.43	9.98	22.97	60.00	37.03	QP	NEUTRAL
12	27.71	-5.31	10.77	0.43	9.98	15.87	50.00	34.13	Average	NEUTRAL

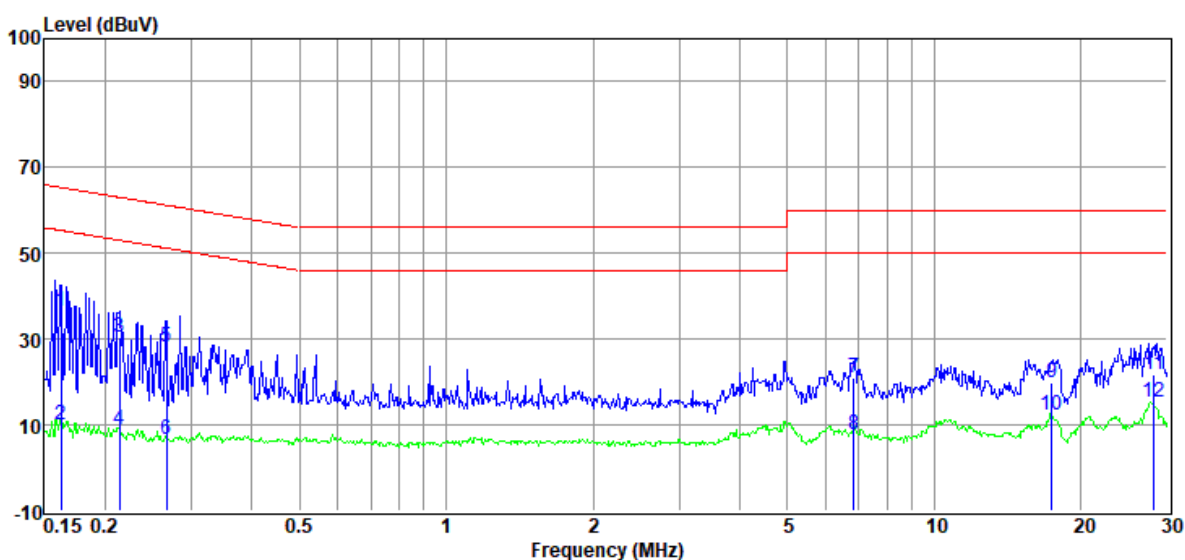
Note:

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 D:\2026 CE Report Data\Q26031216-2E\0512 CE.EM6
Test Date : 2026-05-12 Tested By : Li Xiongbin
EUT : 3.1 CHANNEL SOUNDBAR WITH
DOLBY ATMOS® AND WIRELESS
SUBWOOFER Model Number : CINEMA SB580MK2
Power Supply : AC 120V/60Hz Test Mode : BLE2M 2404MHz TX Mode
Condition : TEMP:26.1°C, RH:65.4% LISN : 2025 1# 216/LINE
Memo : S26031216-008

Data: 24



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	16.89	9.84	0.05	9.89	36.67	65.34	28.67	QP	LINE
2	0.16	-9.86	9.84	0.05	9.89	9.92	55.34	45.42	Average	LINE
3	0.21	10.53	9.82	0.06	9.89	30.30	63.05	32.75	QP	LINE
4	0.21	-10.82	9.82	0.06	9.89	8.95	53.05	44.10	Average	LINE
5	0.27	8.59	9.78	0.06	9.89	28.32	61.20	32.88	QP	LINE
6	0.27	-12.95	9.78	0.06	9.89	6.78	51.20	44.42	Average	LINE
7	6.84	1.17	9.92	0.22	9.85	21.16	60.00	38.84	QP	LINE
8	6.84	-12.17	9.92	0.22	9.85	7.82	50.00	42.18	Average	LINE
9	17.38	-0.61	10.35	0.38	9.93	20.05	60.00	39.95	QP	LINE
10	17.38	-8.25	10.35	0.38	9.93	12.41	50.00	37.59	Average	LINE
11	28.15	0.81	10.43	0.43	9.98	21.65	60.00	38.35	QP	LINE
12	28.15	-5.58	10.43	0.43	9.98	15.26	50.00	34.74	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-Q26031216-1E appendix I

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