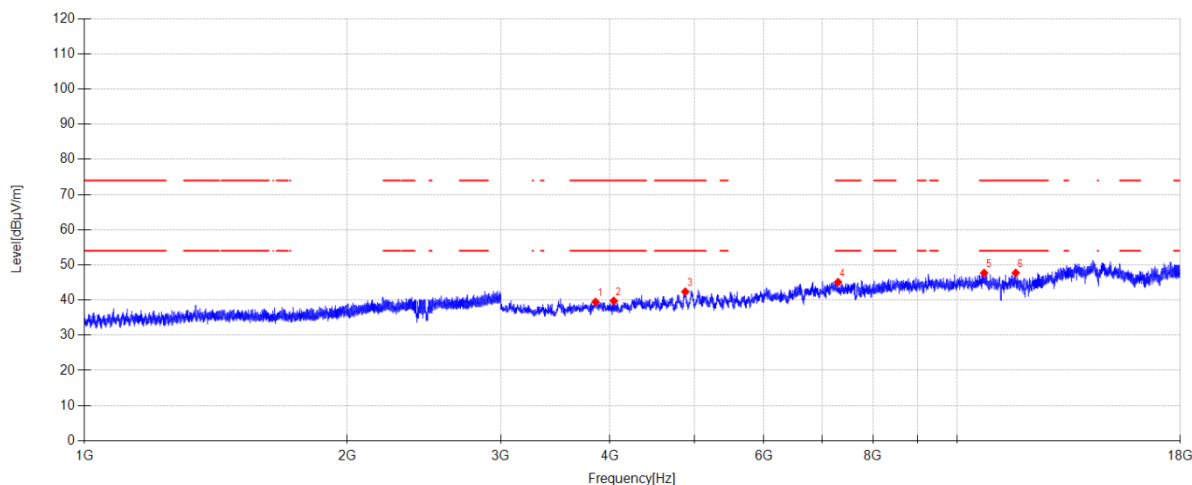


TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\2
Memo: Sample Number:S26050919-020 Power Setting:60

**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	3850.500	49.74	31.50	-41.78	39.46	74.00	34.54	PK	Vertical
2	4039.500	49.91	31.60	-41.75	39.76	74.00	34.24	PK	Vertical
3	4878.000	50.51	33.46	-41.60	42.37	74.00	31.63	PK	Vertical
4	7297.500	47.76	37.71	-40.37	45.10	74.00	28.90	PK	Vertical
5	10728.000	43.40	40.00	-35.71	47.69	74.00	26.31	PK	Vertical
6	11661.000	43.52	39.54	-35.34	47.72	74.00	26.28	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

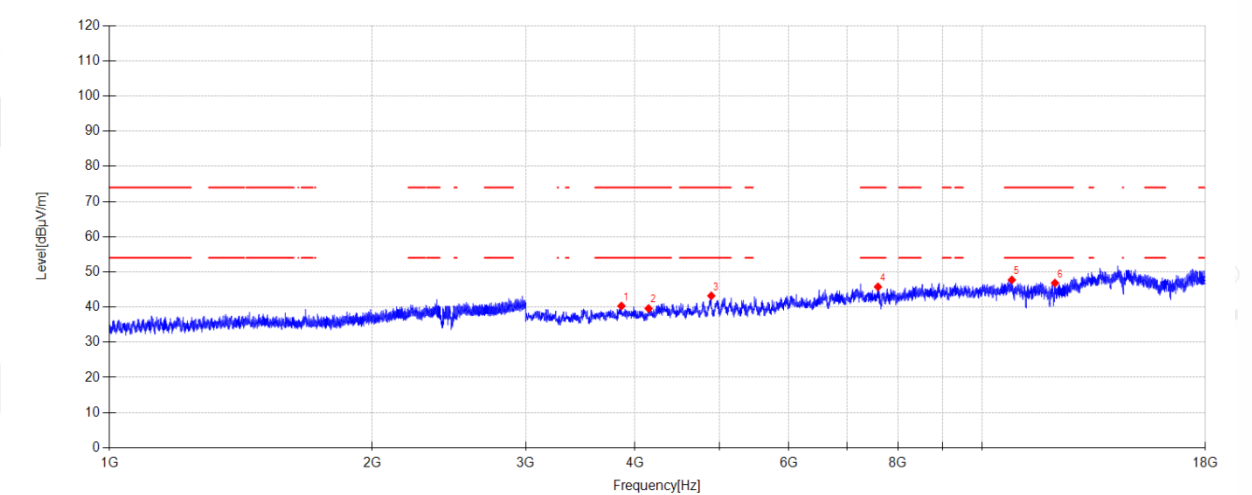
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\3

Memo:

Sample Number:S26050919-020 Power Setting:60



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	3859.500	50.57	31.52	-41.79	40.30	74.00	33.70	PK	Horizontal
2	4146.000	49.67	31.69	-41.76	39.60	74.00	34.40	PK	Horizontal
3	4891.500	51.31	33.48	-41.58	43.21	74.00	30.79	PK	Horizontal
4	7591.500	48.64	37.18	-40.07	45.75	74.00	28.25	PK	Horizontal
5	10806.000	43.72	39.99	-35.98	47.73	74.00	26.27	PK	Horizontal
6	12108.000	41.08	39.90	-34.14	46.84	74.00	27.16	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

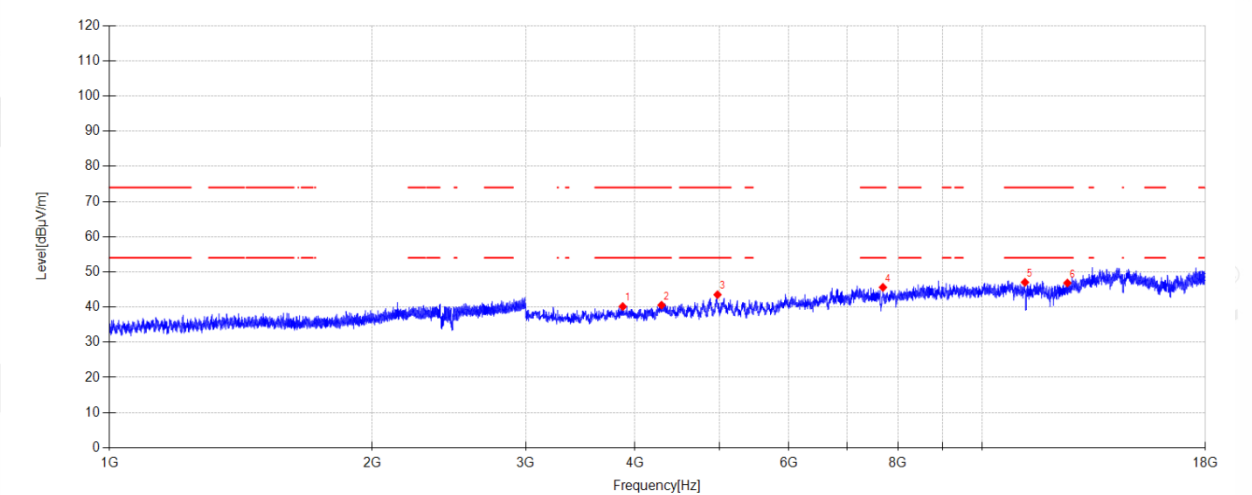
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\4

Memo:

Sample Number:S26050919-020 Power Setting:60



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	3873.000	50.39	31.55	-41.80	40.14	74.00	33.86	PK	Vertical
2	4290.000	49.43	32.08	-40.97	40.54	74.00	33.46	PK	Vertical
3	4972.500	51.46	33.79	-41.73	43.52	74.00	30.48	PK	Vertical
4	7692.000	48.71	37.30	-40.40	45.61	74.00	28.39	PK	Vertical
5	11187.000	42.91	39.87	-35.75	47.03	74.00	26.97	PK	Vertical
6	12511.500	41.39	39.82	-34.37	46.84	74.00	27.16	PK	Vertical

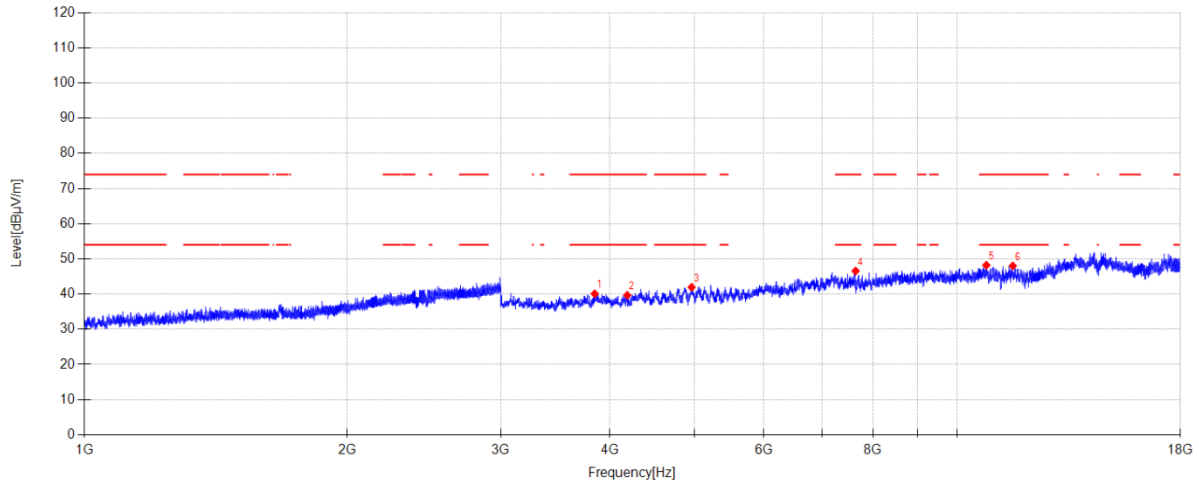
Note:

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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\5
Memo: Sample Number:S26050919-020 Power Setting:60

**Suspected Data List**

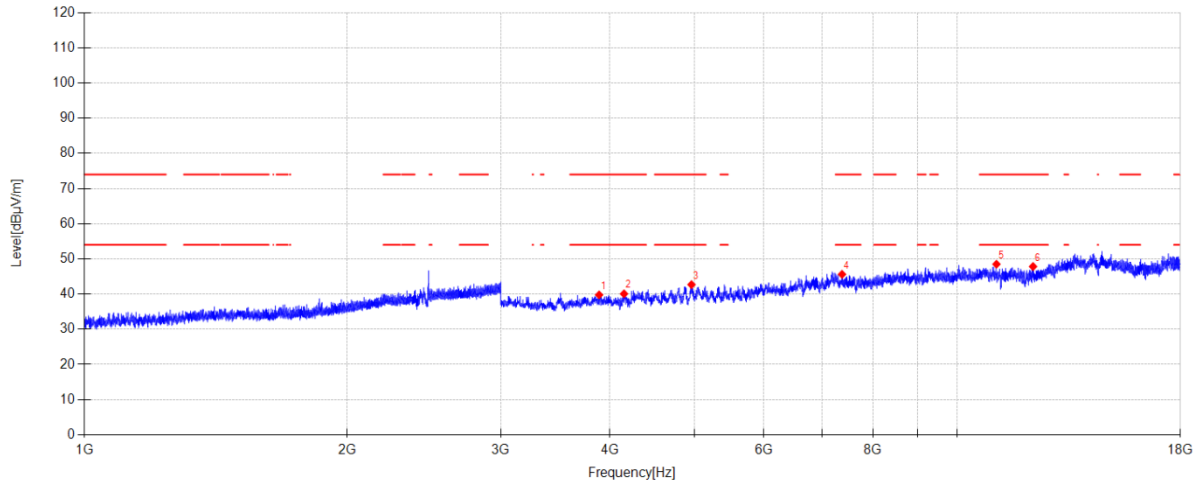
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3841.500	50.40	31.45	-41.76	40.09	74.00	33.91	PK	Horizontal
2	4186.500	49.49	31.85	-41.68	39.66	74.00	34.34	PK	Horizontal
3	4960.500	49.90	33.74	-41.70	41.94	74.00	32.06	PK	Horizontal
4	7644.000	49.51	37.29	-40.23	46.57	74.00	27.43	PK	Horizontal
5	10792.500	44.16	40.00	-35.95	48.21	74.00	25.79	PK	Horizontal
6	11572.500	43.65	39.66	-35.29	48.02	74.00	25.98	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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\6
Memo: Sample Number:S26050919-020 Power Setting:60

**Suspected Data List**

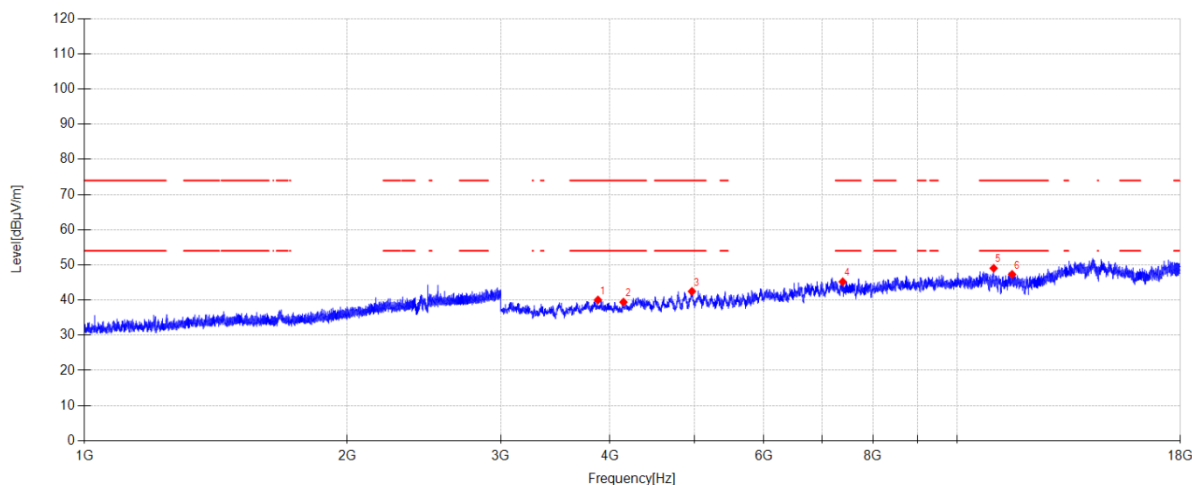
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3886.500	50.02	31.57	-41.82	39.77	74.00	34.23	PK	Vertical
2	4150.500	50.12	31.70	-41.75	40.07	74.00	33.93	PK	Vertical
3	4959.000	50.65	33.74	-41.70	42.69	74.00	31.31	PK	Vertical
4	7375.500	48.52	37.30	-40.21	45.61	74.00	28.39	PK	Vertical
5	11083.500	44.78	39.70	-35.98	48.50	74.00	25.50	PK	Vertical
6	12205.500	41.88	39.89	-33.94	47.83	74.00	26.17	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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\7
Memo: Sample Number:S26050919-020 Power Setting:60

**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	3874.500	50.28	31.55	-41.81	40.02	74.00	33.98	PK	Horizontal
2	4144.500	49.50	31.69	-41.76	39.43	74.00	34.57	PK	Horizontal
3	4965.000	50.42	33.76	-41.71	42.47	74.00	31.53	PK	Horizontal
4	7389.000	48.14	37.24	-40.18	45.20	74.00	28.80	PK	Horizontal
5	11002.500	45.07	39.70	-35.72	49.05	74.00	24.95	PK	Horizontal
6	11550.000	42.99	39.70	-35.39	47.30	74.00	26.70	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

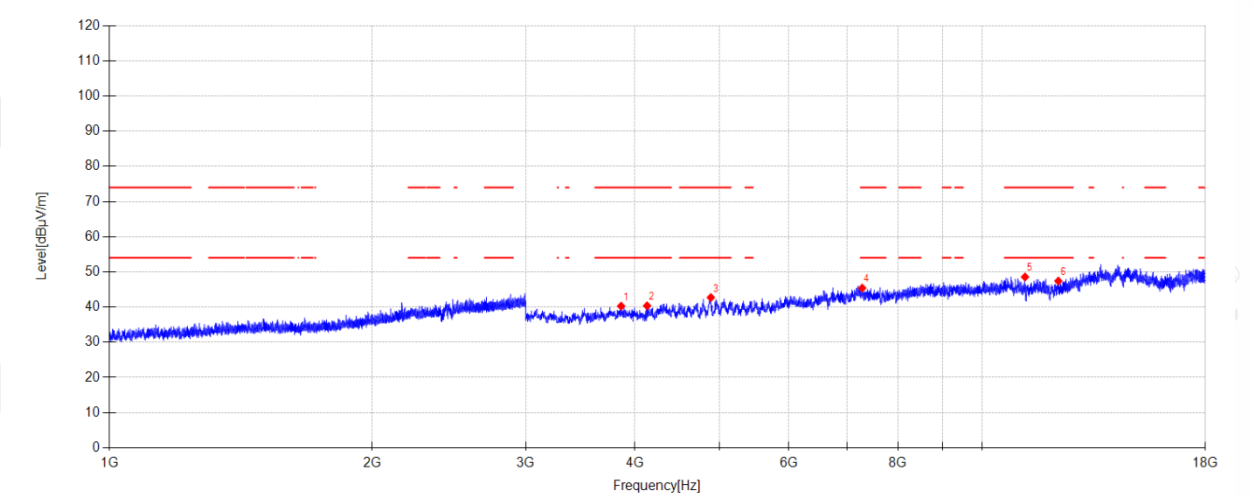
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\8

Memo:

Sample Number:S26050919-020 Power Setting:60



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	3856.500	50.54	31.51	-41.78	40.27	74.00	33.73	PK	Vertical
2	4129.500	50.50	31.66	-41.79	40.37	74.00	33.63	PK	Vertical
3	4885.500	50.83	33.47	-41.59	42.71	74.00	31.29	PK	Vertical
4	7282.500	48.01	37.74	-40.34	45.41	74.00	28.59	PK	Vertical
5	11187.000	44.44	39.87	-35.75	48.56	74.00	25.44	PK	Vertical
6	12217.500	41.54	39.88	-34.01	47.41	74.00	26.59	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

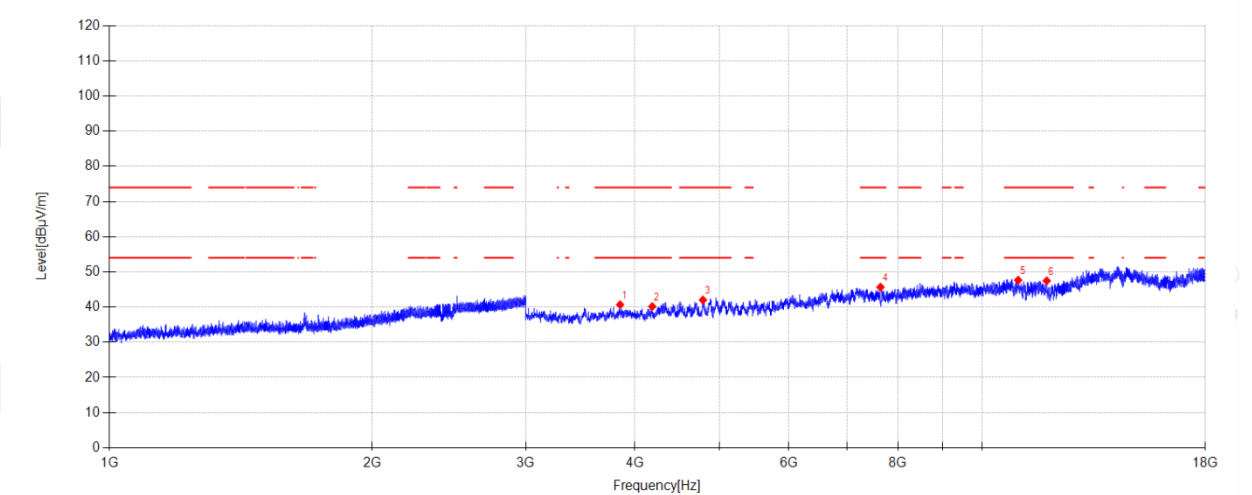
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\9

Memo:

Sample Number:S26050919-020 Power Setting:60



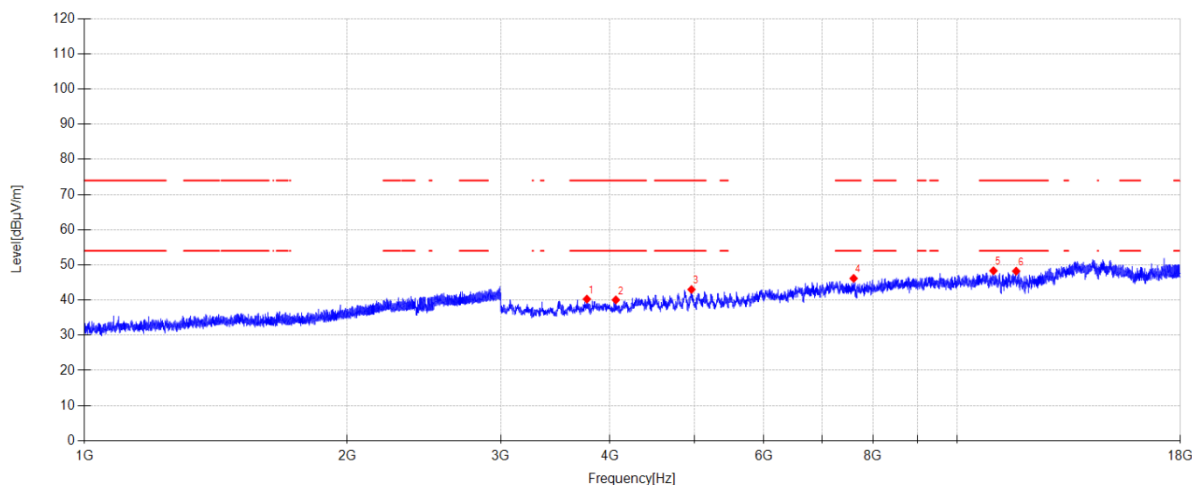
Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3846.000	50.97	31.48	-41.77	40.68	74.00	33.32	PK	Horizontal
2	4186.500	49.98	31.85	-41.68	40.15	74.00	33.85	PK	Horizontal
3	4785.000	50.59	33.14	-41.71	42.02	74.00	31.98	PK	Horizontal
4	7642.500	48.62	37.29	-40.23	45.68	74.00	28.32	PK	Horizontal
5	10987.500	43.68	39.73	-35.75	47.66	74.00	26.34	PK	Horizontal
6	11847.000	43.27	39.55	-35.36	47.46	74.00	26.54	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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE2M 2440MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\10
Memo: Sample Number:S26050919-020 Power Setting:60

**Suspected Data List**

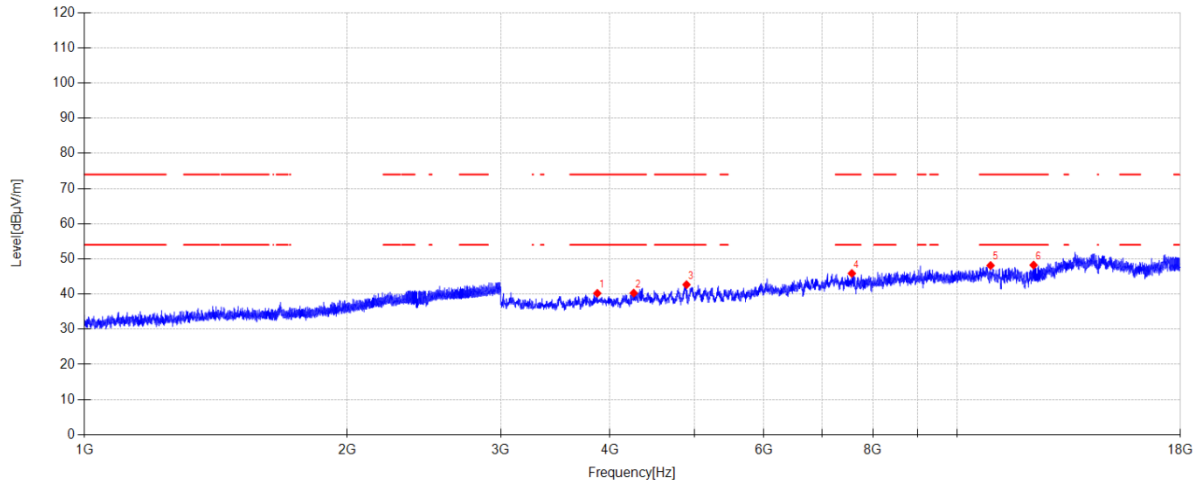
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3763.500	50.97	30.98	-41.67	40.28	74.00	33.72	PK	Vertical
2	4062.000	50.24	31.60	-41.79	40.05	74.00	33.95	PK	Vertical
3	4959.000	50.96	33.74	-41.70	43.00	74.00	31.00	PK	Vertical
4	7605.000	49.05	37.21	-40.10	46.16	74.00	27.84	PK	Vertical
5	10996.500	44.34	39.71	-35.72	48.33	74.00	25.67	PK	Vertical
6	11674.500	44.08	39.53	-35.38	48.23	74.00	25.77	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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\11
Memo: Sample Number:S26050919-020 Power Setting:60

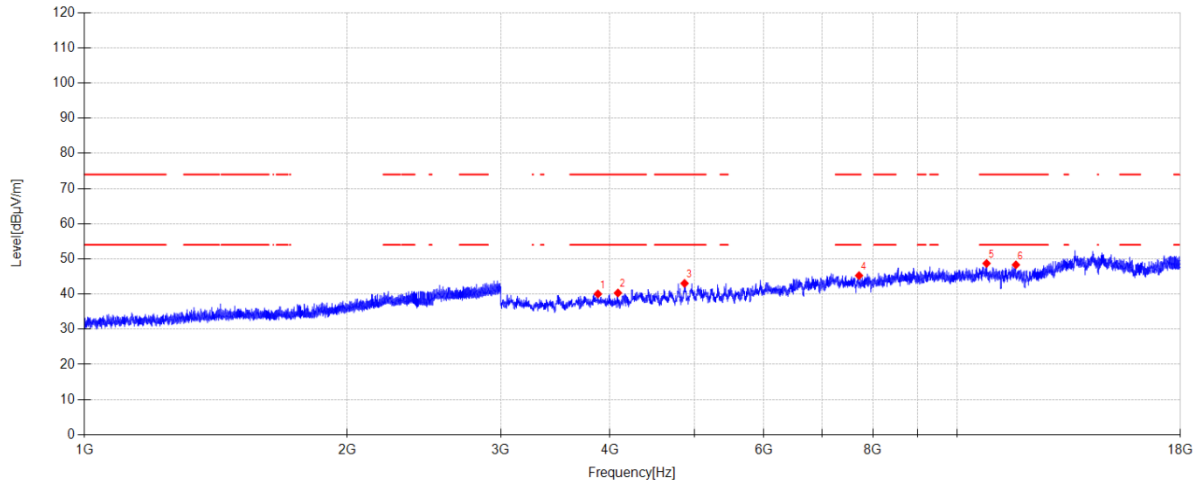
**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3868.500	50.47	31.54	-41.80	40.21	74.00	33.79	PK	Horizontal
2	4258.500	49.47	32.02	-41.21	40.28	74.00	33.72	PK	Horizontal
3	4894.500	50.77	33.49	-41.58	42.68	74.00	31.32	PK	Horizontal
4	7569.000	48.80	37.14	-40.06	45.88	74.00	28.12	PK	Horizontal
5	10912.500	44.21	39.88	-35.97	48.12	74.00	25.88	PK	Horizontal
6	12223.500	42.41	39.88	-34.05	48.24	74.00	25.76	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: 2026-07-24**Tested By:** Zhong Nan**Test Mode:** TX BLE2M 2404MHz Mode**Power Supply:** Battery**Condition:** Temp:24.7°C;Humi:49.6%**Test Site:** 4# Fully Anechoic Room**File Path:** d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\12**Memo:** Sample Number:S26050919-020 Power Setting:60**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	3874.500	50.30	31.55	-41.81	40.04	74.00	33.96	PK	Vertical
2	4084.500	50.53	31.60	-41.82	40.31	74.00	33.69	PK	Vertical
3	4869.000	51.21	33.44	-41.61	43.04	74.00	30.96	PK	Vertical
4	7714.500	48.30	37.33	-40.38	45.25	74.00	28.75	PK	Vertical
5	10798.500	44.68	40.00	-35.97	48.71	74.00	25.29	PK	Vertical
6	11667.000	44.14	39.53	-35.36	48.31	74.00	25.69	PK	Vertical

Note:

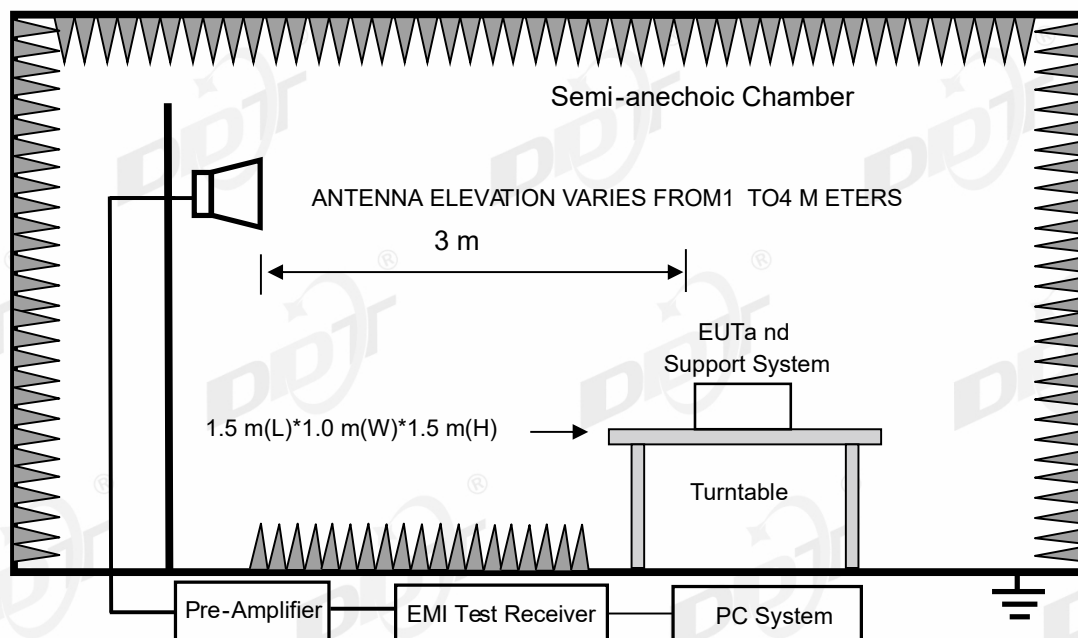
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

11. Band Edge Compliance

11.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Band Reject Filter Group	Tonscend	JS0806-F	DDT-ZC05733	/
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC05922	2027/01/06
Broadband Preamplifier	HPX	BP-01G-18G	DDT-ZC05923	2027/01/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Signal & Spectrum analyzer	R&S	FSV40-N	DDT-ZC04979	2027/07/10
SPECTRUM ANALYZER	R&S	FSU26	DDT-ZC00236	2027/06/25
RF Cable	Tonscend	7+1+1+0.5+0.5m	DDT-ZC05978	2027/01/29
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS-RE&RSE (V5.0.0)	DDT-ZC06466	/

11.2. Block diagram of test setup



11.3. 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.

11.4. Assistant equipment used for test

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

11.5. 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.

11.6. Test result

PASS. (See below detailed test result)

11.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

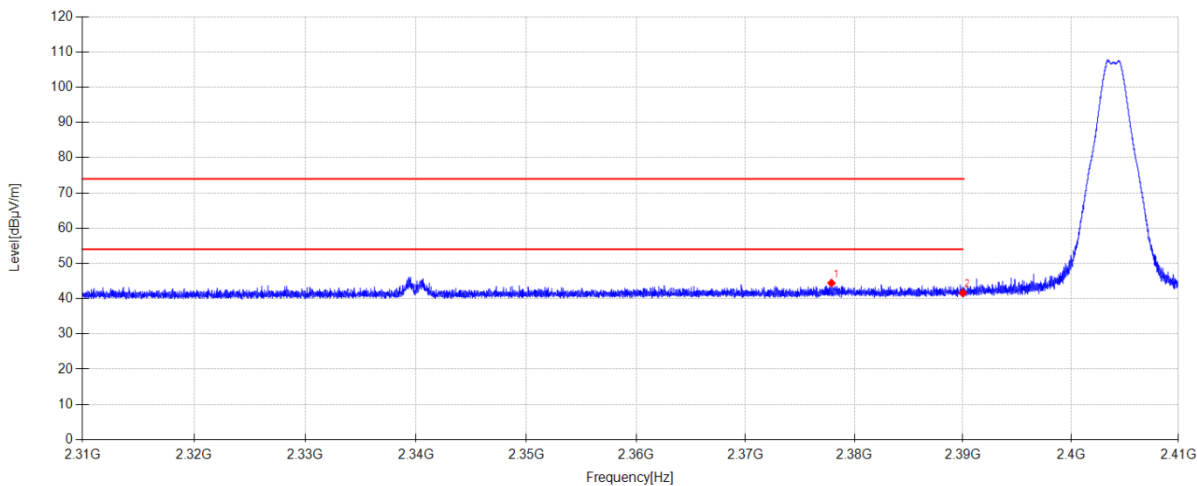
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\13

Memo:

Sample Number:S26050919-020 Power Setting:60



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	2377.890	44.42	28.16	-28.16	44.42	74.00	29.58	PK	Horizontal
2	2390.000	41.55	28.18	-28.12	41.61	74.00	32.39	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

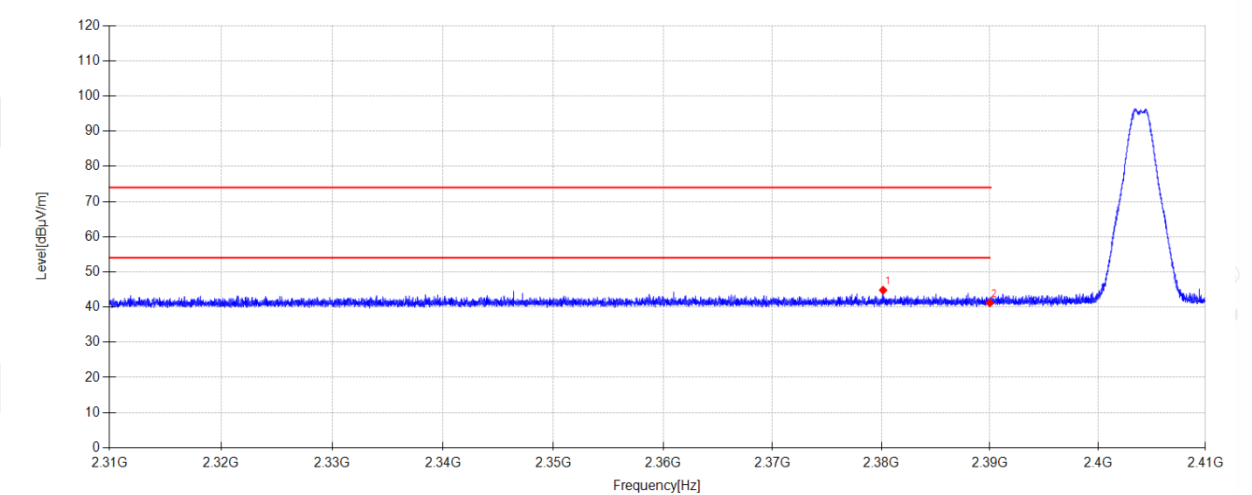
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\14

Memo:

Sample Number:S26050919-020 Power Setting:60



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	2380.160	44.79	28.16	-28.15	44.80	74.00	29.20	PK	Vertical
2	2390.000	41.11	28.18	-28.12	41.17	74.00	32.83	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

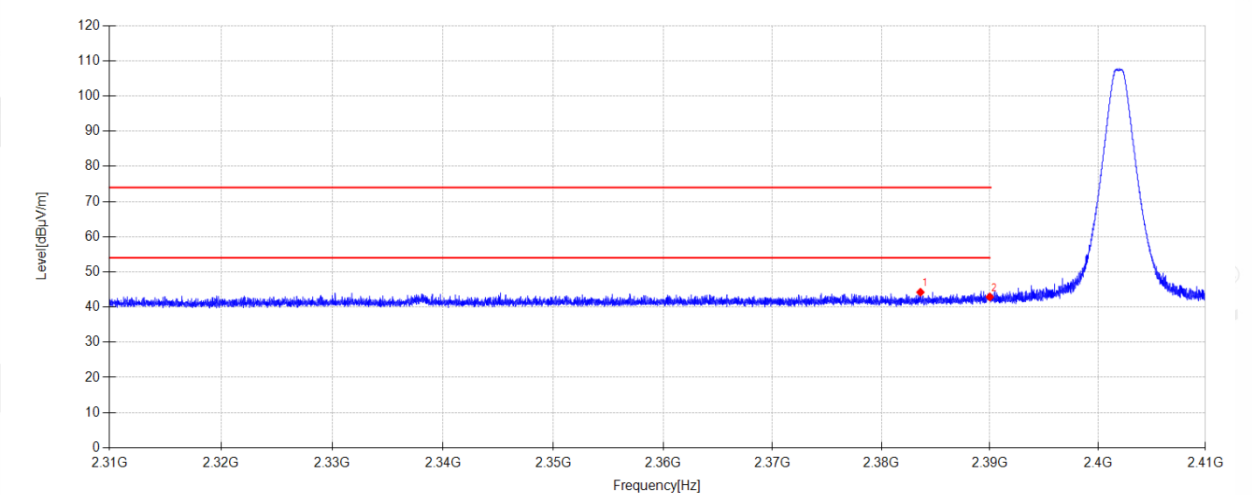
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\15

Memo:

Sample Number:S26050919-020 Power Setting:60



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	2383.600	44.19	28.17	-28.14	44.22	74.00	29.78	PK	Horizontal
2	2390.000	42.83	28.18	-28.12	42.89	74.00	31.11	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

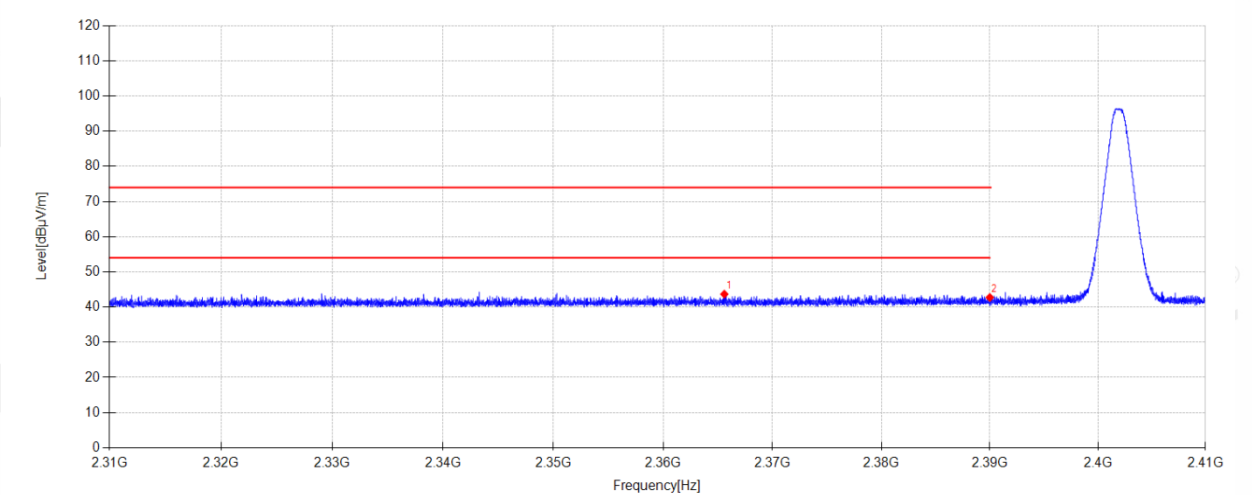
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\16

Memo:

Sample Number:S26050919-020 Power Setting:60



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	2365.590	43.75	28.13	-28.20	43.68	74.00	30.32	PK	Vertical
2	2390.000	42.67	28.18	-28.12	42.73	74.00	31.27	PK	Vertical

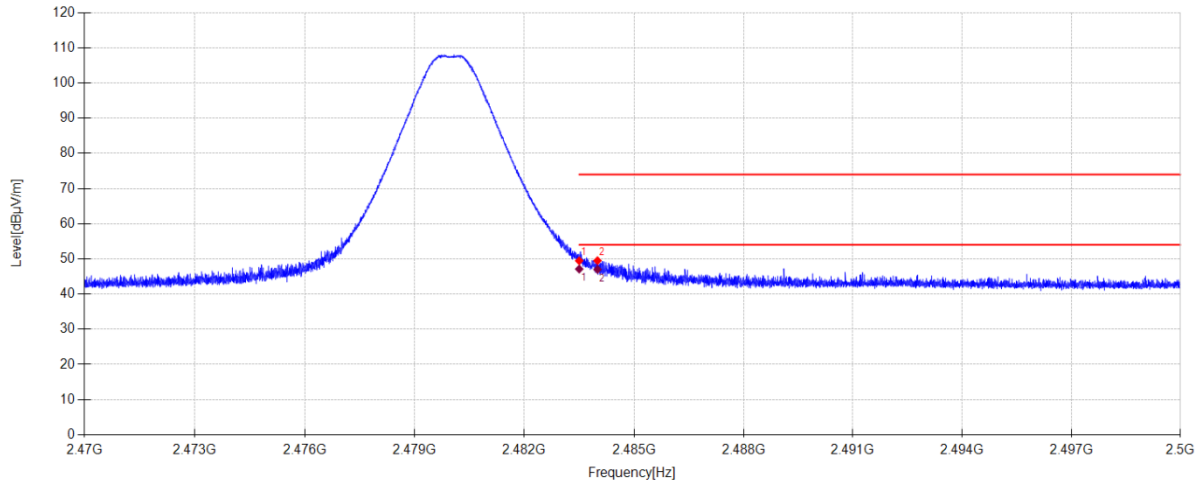
Note:

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: 2026-07-24 **Tested By:** Zhong Nan
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\17
Memo: Sample Number:S26050919-020 Power Setting:60



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	48.85	28.60	-27.99	49.46	74.00	24.54	PK	Horizontal
2	2484.001	48.89	28.60	-27.99	49.50	74.00	24.50	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	2483.500	46.51	28.60	-27.99	47.12	54.00	6.88	AV	Horizontal
2	2484.001	46.39	28.60	-27.99	47.00	54.00	7.00	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

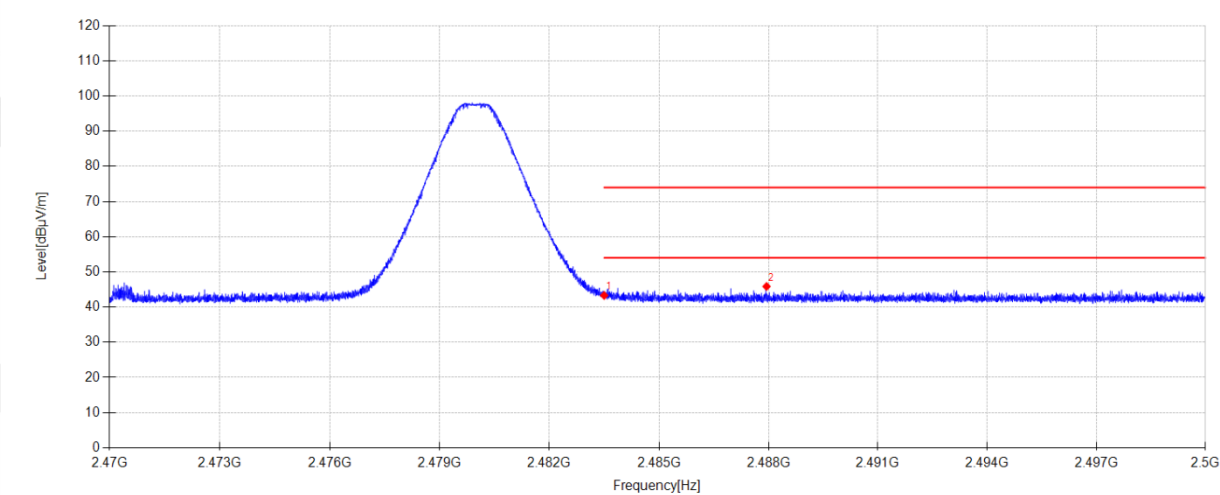
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\18

Memo:

Sample Number:S26050919-020 Power Setting:60



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	42.70	28.60	-27.99	43.31	74.00	30.69	PK	Vertical
2	2487.946	45.22	28.63	-27.98	45.87	74.00	28.13	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

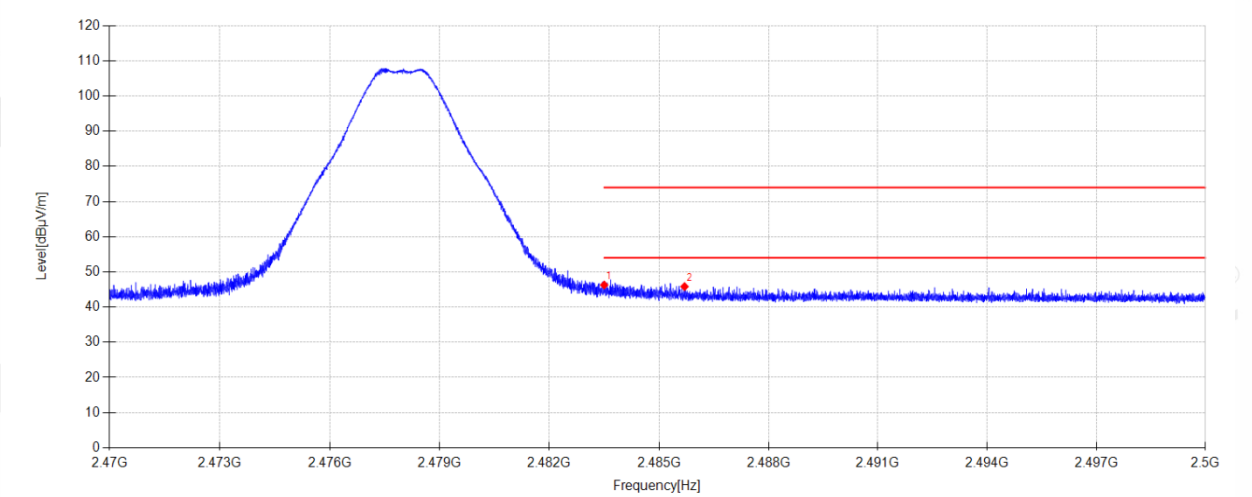
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\19

Memo:

Sample Number:S26050919-020 Power Setting:60



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	45.67	28.60	-27.99	46.28	74.00	27.72	PK	Horizontal
2	2485.699	45.21	28.61	-27.99	45.83	74.00	28.17	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:

2026-07-24

Tested By:

Zhong Nan

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

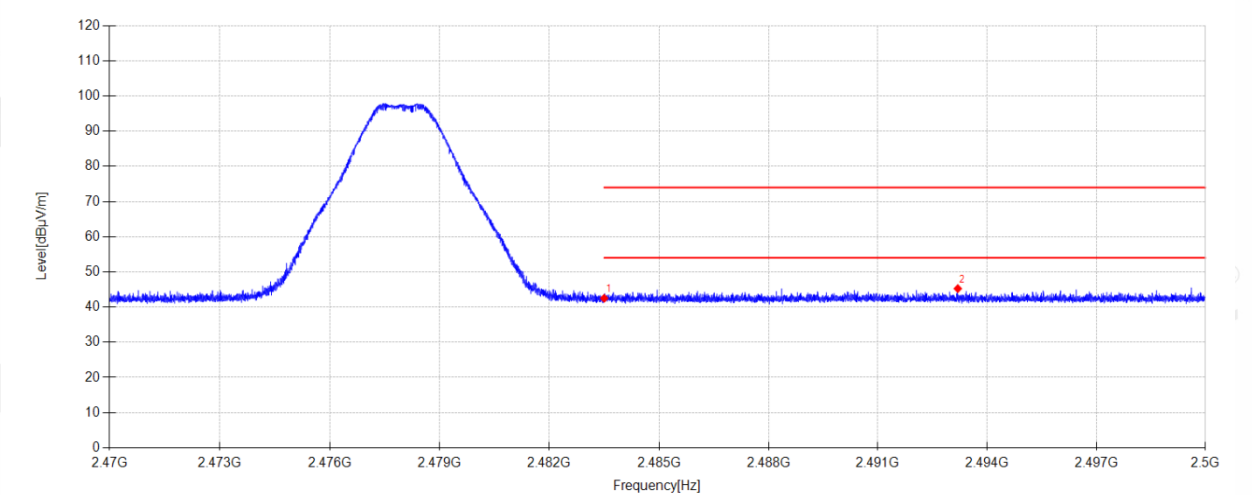
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26050919\FCC ABOVE1G BLE 0723\20

Memo:

Sample Number:S26050919-020 Power Setting:60



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	41.89	28.60	-27.99	42.50	74.00	31.50	PK	Vertical
2	2493.193	44.57	28.66	-27.98	45.25	74.00	28.75	PK	Vertical

Note:

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

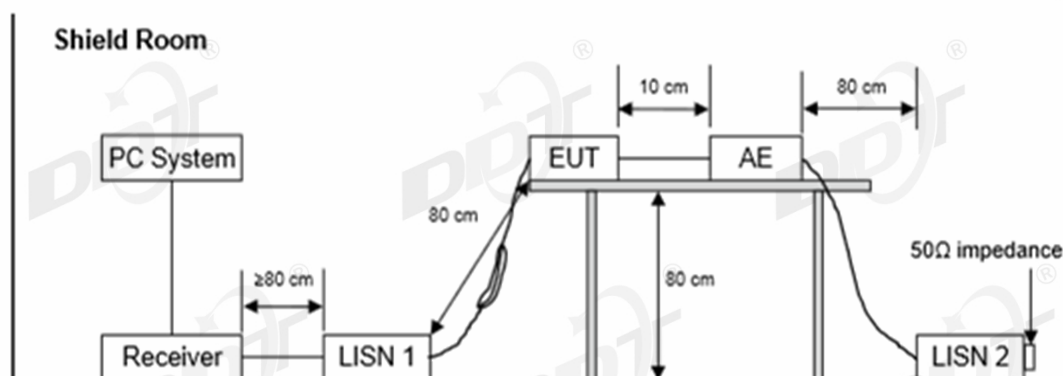
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

12. Power Line Conducted Emissions

12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2027/06/16
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2027/06/16
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2027/07/08
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2026/07/06
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2026/07/06
Δ -shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2027/03/10
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01063	2027/02/27
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01062	2027/02/27
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2027/06/10

12.2. Block diagram of test setup



12.3. 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.

12.4. Assistant equipment used for test

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

12.5. 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.

12.6. 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.

12.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26050919\Q26050919.EM6

Test Date : 2026-06-17

Tested By : Li guilin

Power Supply : AC 120V/60Hz

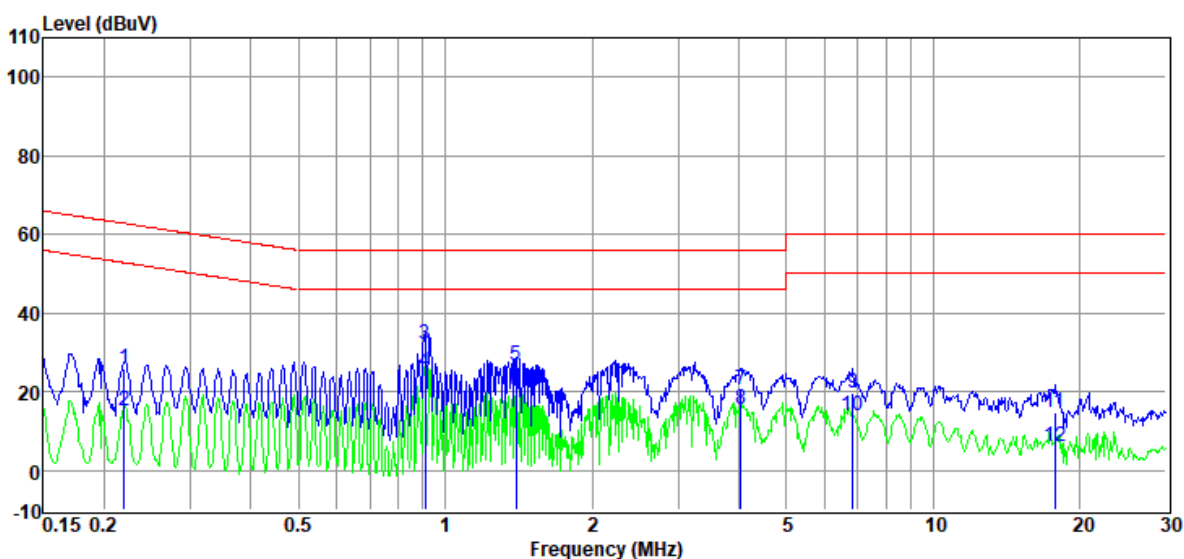
Test Mode : BLE1M 2402MHz TX Mode

Condition : TEMP:23.7°C, RH:63.7%

LISN : 2025 1# 216/LINE

Memo : S260050919-011

Data: 6



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	0.22	5.91	9.82	0.06	9.89	25.68	62.83	37.15	QP	LINE
2	0.22	-4.48	9.82	0.06	9.89	15.29	52.83	37.54	Average	LINE
3	0.91	12.21	9.86	0.14	9.90	32.11	56.00	23.89	QP	LINE
4	0.91	5.08	9.86	0.14	9.90	24.98	46.00	21.02	Average	LINE
5	1.40	6.79	9.88	0.16	9.90	26.73	56.00	29.27	QP	LINE
6	1.40	0.16	9.88	0.16	9.90	20.10	46.00	25.90	Average	LINE
7	4.03	0.58	10.00	0.18	9.87	20.63	56.00	35.37	QP	LINE
8	4.03	-4.31	10.00	0.18	9.87	15.74	46.00	30.26	Average	LINE
9	6.84	-0.33	9.92	0.22	9.85	19.66	60.00	40.34	QP	LINE
10	6.84	-5.96	9.92	0.22	9.85	14.03	50.00	35.97	Average	LINE
11	17.76	-6.09	10.36	0.38	9.93	14.58	60.00	45.42	QP	LINE
12	17.76	-14.49	10.36	0.38	9.93	6.18	50.00	43.82	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\Q26050919\Q26050919.EM6

Test Date : 2026-06-17

Tested By : Li guilin

Power Supply : AC 120V/60Hz

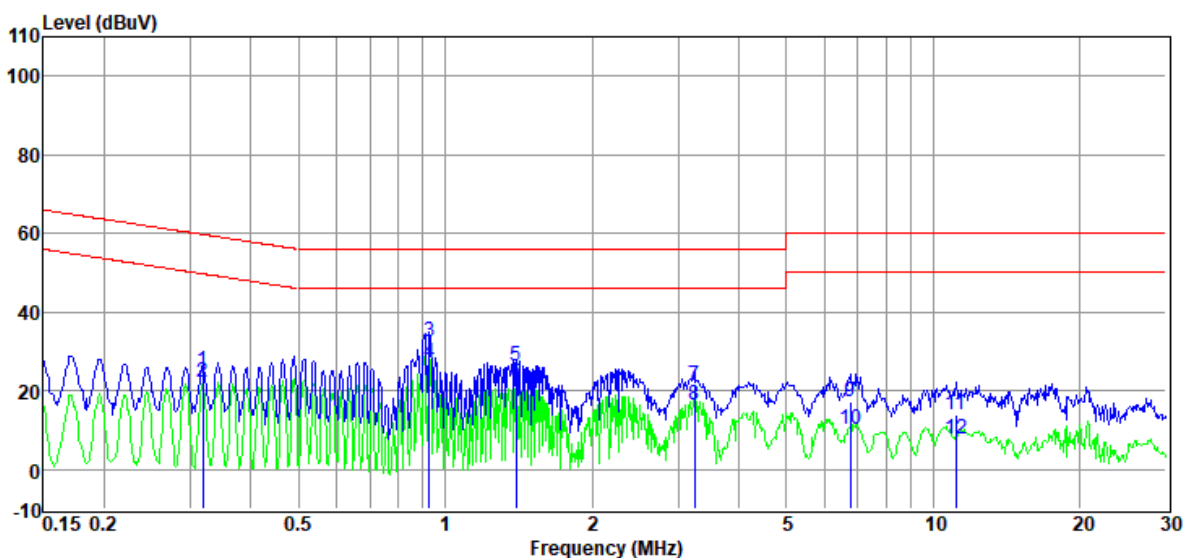
Test Mode : BLE1M 2402MHz TX Mode

Condition : TEMP:23.7°C, RH:63.7%

LISN : 2025 1# 216/NEUTRAL

Memo : S260050919-011

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	0.32	5.41	9.75	0.06	9.89	25.11	59.75	34.64	QP	NEUTRAL
2	0.32	2.32	9.75	0.06	9.89	22.02	49.75	27.73	Average	NEUTRAL
3	0.93	12.71	9.89	0.14	9.90	32.64	56.00	23.36	QP	NEUTRAL
4	0.93	7.31	9.89	0.14	9.90	27.24	46.00	18.76	Average	NEUTRAL
5	1.40	6.34	9.85	0.16	9.90	26.25	56.00	29.75	QP	NEUTRAL
6	1.40	2.21	9.85	0.16	9.90	22.12	46.00	23.88	Average	NEUTRAL
7	3.24	1.38	9.84	0.18	9.87	21.27	56.00	34.73	QP	NEUTRAL
8	3.24	-3.53	9.84	0.18	9.87	16.36	46.00	29.64	Average	NEUTRAL
9	6.77	-2.68	9.86	0.22	9.85	17.25	60.00	42.75	QP	NEUTRAL
10	6.77	-9.72	9.86	0.22	9.85	10.21	50.00	39.79	Average	NEUTRAL
11	11.14	-6.52	10.22	0.28	9.85	13.83	60.00	46.17	QP	NEUTRAL
12	11.14	-12.60	10.22	0.28	9.85	7.75	50.00	42.25	Average	NEUTRAL

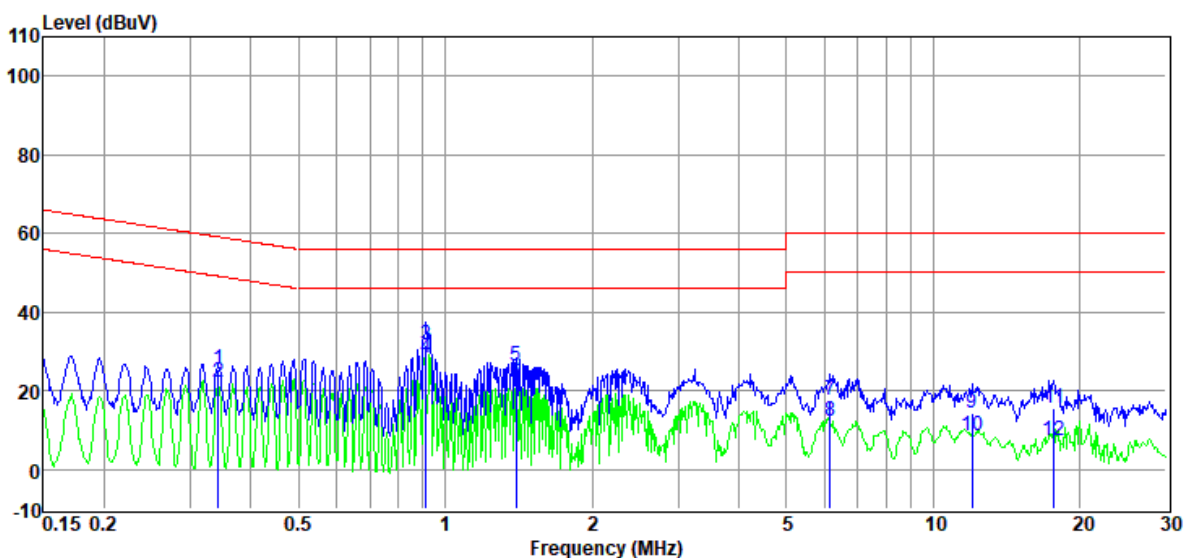
Note:

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\Q26050919\Q26050919.EM6
Test Date : 2026-06-17 Tested By : Li guilin
Power Supply : AC 120V/60Hz Test Mode : BLE1M 2404MHz TX Mode
Condition : TEMP:23.7°C, RH:63.7% LISN : 2025 1# 216/NEUTRAL
Memo : S260050919-011

Data: 10



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	0.34	5.50	9.88	0.07	9.89	25.34	59.13	33.79	QP	NEUTRAL
2	0.34	2.35	9.88	0.07	9.89	22.19	49.13	26.94	Average	NEUTRAL
3	0.91	11.75	9.88	0.14	9.90	31.67	56.00	24.33	QP	NEUTRAL
4	0.91	8.27	9.88	0.14	9.90	28.19	46.00	17.81	Average	NEUTRAL
5	1.40	6.33	9.85	0.16	9.90	26.24	56.00	29.76	QP	NEUTRAL
6	1.40	2.15	9.85	0.16	9.90	22.06	46.00	23.94	Average	NEUTRAL
7	6.15	-2.50	9.86	0.21	9.85	17.42	60.00	42.58	QP	NEUTRAL
8	6.15	-7.55	9.86	0.21	9.85	12.37	50.00	37.63	Average	NEUTRAL
9	12.00	-5.89	10.26	0.30	9.86	14.53	60.00	45.47	QP	NEUTRAL
10	12.00	-11.88	10.26	0.30	9.86	8.54	50.00	41.46	Average	NEUTRAL
11	17.66	-5.38	10.44	0.38	9.93	15.37	60.00	44.63	QP	NEUTRAL
12	17.66	-13.52	10.44	0.38	9.93	7.23	50.00	42.77	Average	NEUTRAL

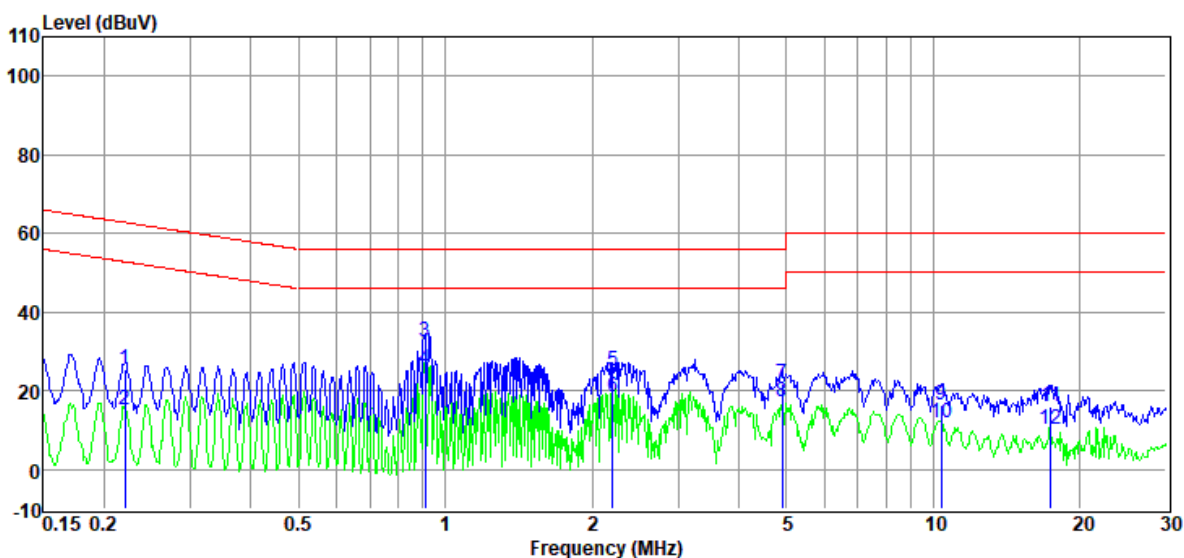
Note:

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\Q26050919\Q26050919.EM6
Test Date : 2026-06-17 Tested By : Li guilin
Power Supply : AC 120V/60Hz Test Mode : BLE1M 2404MHz TX Mode
Condition : TEMP:23.7°C, RH:63.7% LISN : 2025 1# 216/LINE
Memo : S260050919-011

Data: 12



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	0.22	5.60	9.82	0.06	9.89	25.37	62.79	37.42	QP	LINE
2	0.22	-4.43	9.82	0.06	9.89	15.34	52.79	37.45	Average	LINE
3	0.91	12.61	9.86	0.14	9.90	32.51	56.00	23.49	QP	LINE
4	0.91	5.55	9.86	0.14	9.90	25.45	46.00	20.55	Average	LINE
5	2.20	4.98	9.82	0.17	9.89	24.86	56.00	31.14	QP	LINE
6	2.20	-1.53	9.82	0.17	9.89	18.35	46.00	27.65	Average	LINE
7	4.90	1.62	9.97	0.19	9.86	21.64	56.00	34.36	QP	LINE
8	4.90	-2.94	9.97	0.19	9.86	17.08	46.00	28.92	Average	LINE
9	10.40	-3.84	10.21	0.27	9.84	16.48	60.00	43.52	QP	LINE
10	10.40	-8.65	10.21	0.27	9.84	11.67	50.00	38.33	Average	LINE
11	17.38	-4.53	10.35	0.38	9.93	16.13	60.00	43.87	QP	LINE
12	17.38	-10.61	10.35	0.38	9.93	10.05	50.00	39.95	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.

14. Photos of the EUT

Please refer to DDT-Q26050919-4E appendix I

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