

(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.

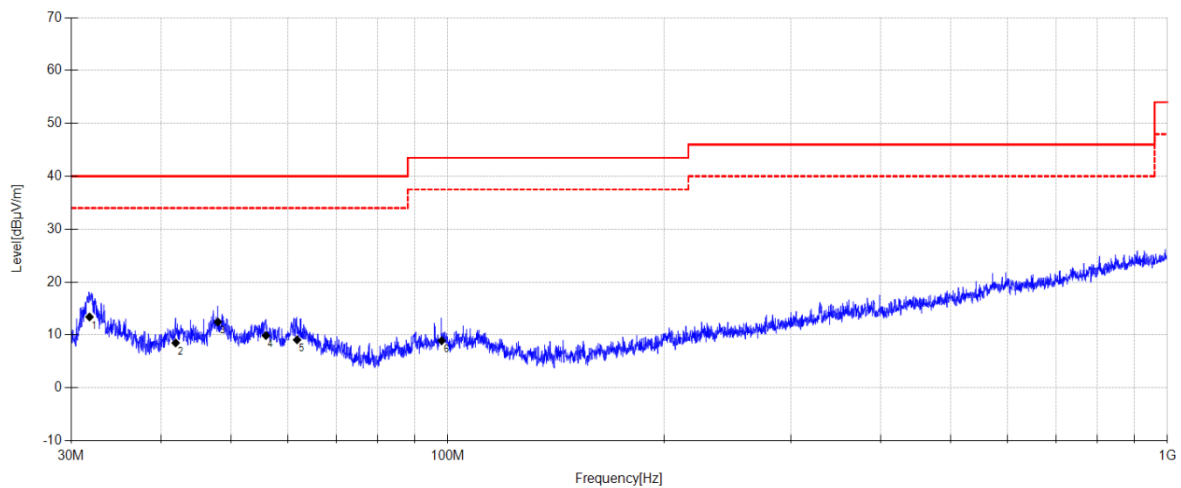
12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-02 **Tested By:** Li Xiongbín
Test Mode: BLE1M 2402MHz TX mode **Power Supply:** battery
Condition: Temp:21.1°C;Humi:56.8% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060830-3E\FCC Below 1G\1
Memo: Sample Number:S26060830-012



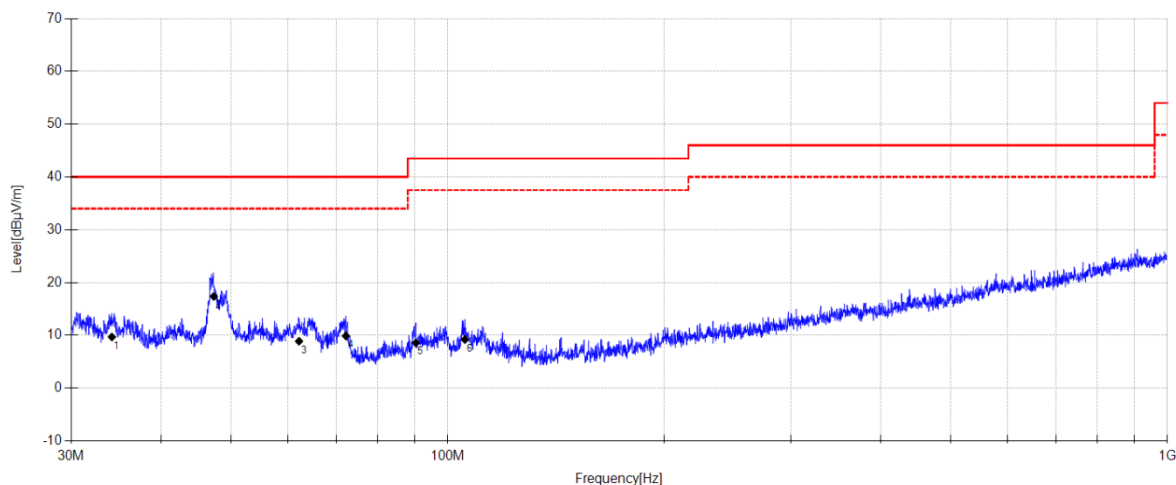
Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.798	31.1	10.78	3.81	13.39	40.00	26.61	QP	Horizontal
2	41.886	23.8	13.05	3.93	8.48	40.00	31.52	QP	Horizontal
3	47.956	27.56	13.21	3.97	12.44	40.00	27.56	QP	Horizontal
4	55.915	25.17	12.97	4.03	9.87	40.00	30.13	QP	Horizontal
5	61.769	24.73	12.55	4.08	9.06	40.00	30.94	QP	Horizontal
6	98.119	25.6	11.31	4.29	8.90	43.50	34.60	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: 2026-07-03 **Tested By:** Li Xiongbin
Test Mode: BLE1M 2402MHz TX mode **Power Supply:** battery
Condition: Temp:21.1°C;Humi:56.8% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060830-3E\FCC Below 1G\2
Memo: Sample Number:S26060830-012

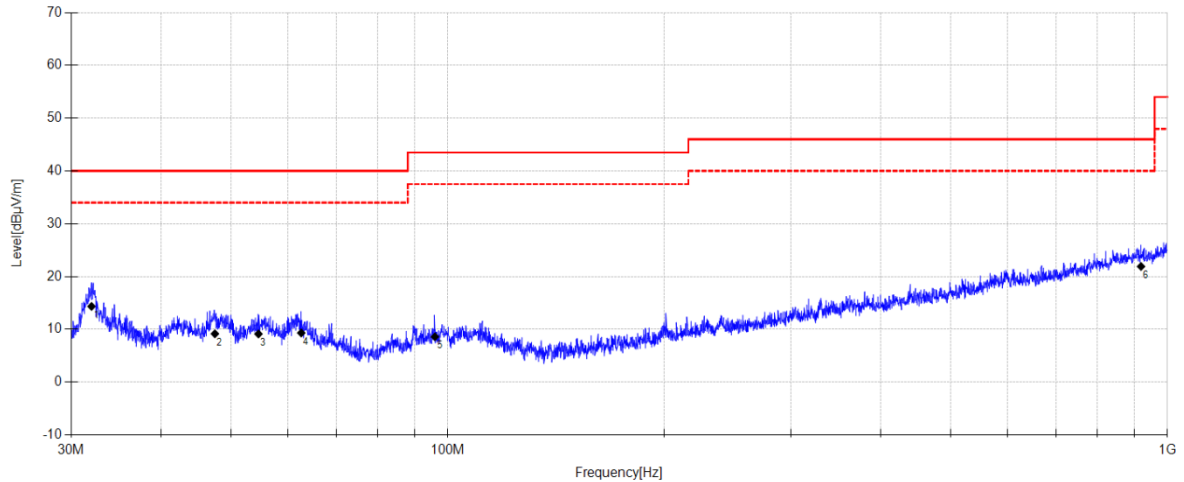
**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	34.155	26.83	11.30	3.84	9.67	40.00	30.33	QP	Vertical
2	47.321	32.36	13.34	3.96	17.36	40.00	22.64	QP	Vertical
3	62.160	24.51	12.57	4.08	8.86	40.00	31.14	QP	Vertical
4	72.223	28.57	9.43	4.17	9.87	40.00	30.13	QP	Vertical
5	90.327	26.93	9.67	4.25	8.55	43.50	34.95	QP	Vertical
6	105.689	26.05	11.12	4.33	9.19	43.50	34.31	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: 2026-07-03**Tested By:** Li Xiongbín**Test Mode:** BLE2M 2404MHz TX mode**Power Supply:** battery**Condition:** Temp:21.1°C;Humi:56.8%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26060830-3E\FCC Below 1G\3**Memo:** Sample Number:S26060830-012**Final Data List**

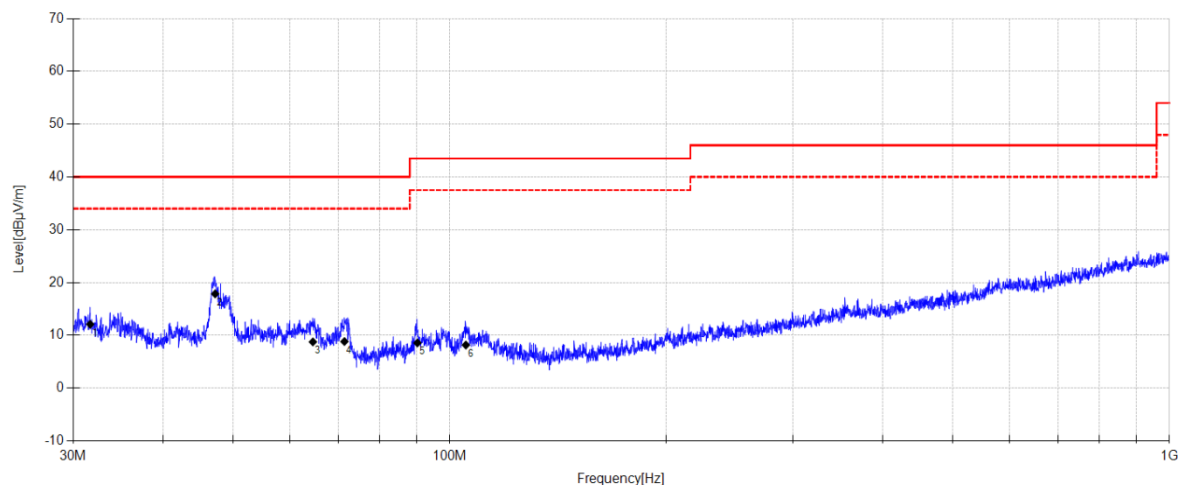
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.999	31.92	10.90	3.81	14.33	40.00	25.67	QP	Horizontal
2	47.487	24.18	13.30	3.96	9.14	40.00	30.86	QP	Horizontal
3	54.598	24.41	12.98	4.02	9.11	40.00	30.89	QP	Horizontal
4	62.598	25.03	12.48	4.09	9.30	40.00	30.70	QP	Horizontal
5	96.009	25.41	11.19	4.28	8.58	43.50	34.92	QP	Horizontal
6	919.302	24.56	21.96	7.16	21.90	46.00	24.10	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: 2026-07-03 **Tested By:** Li Xiongbin
Test Mode: BLE2M 2404MHz TX mode **Power Supply:** battery
Condition: Temp:21.1°C;Humi:56.8% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26060830-3E\FCC Below 1G\4
Memo: Sample Number:S26060830-012

**Final Data List**

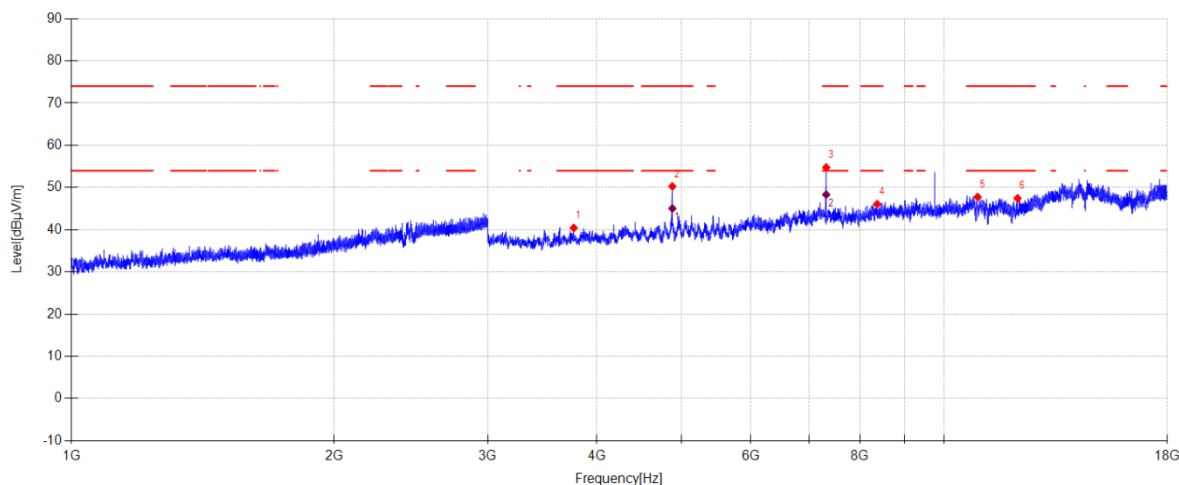
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.664	29.88	10.70	3.80	12.08	40.00	27.92	QP	Vertical
2	47.222	32.82	13.36	3.96	17.84	40.00	22.16	QP	Vertical
3	64.559	24.79	12.14	4.11	8.74	40.00	31.26	QP	Vertical
4	71.418	27.38	9.56	4.17	8.81	40.00	31.19	QP	Vertical
5	90.201	26.92	9.68	4.25	8.55	43.50	34.95	QP	Vertical
6	105.319	24.75	11.38	4.33	8.15	43.50	35.35	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: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\59
Memo: Sample Number:S26060830-001 Power Setting:Default



Suspected 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	3762.000	51.12	30.97	-41.66	40.43	74.00	33.57	PK	Horizontal
2	4879.500	58.40	33.46	-41.60	50.26	74.00	23.74	PK	Horizontal
3	7321.500	57.51	37.57	-40.33	54.75	74.00	19.25	PK	Horizontal
4	8373.000	47.37	38.05	-39.36	46.06	74.00	27.94	PK	Horizontal
5	10914.000	43.86	39.87	-35.97	47.76	74.00	26.24	PK	Horizontal
6	12126.000	41.64	39.90	-34.10	47.44	74.00	26.56	PK	Horizontal

Final Data List

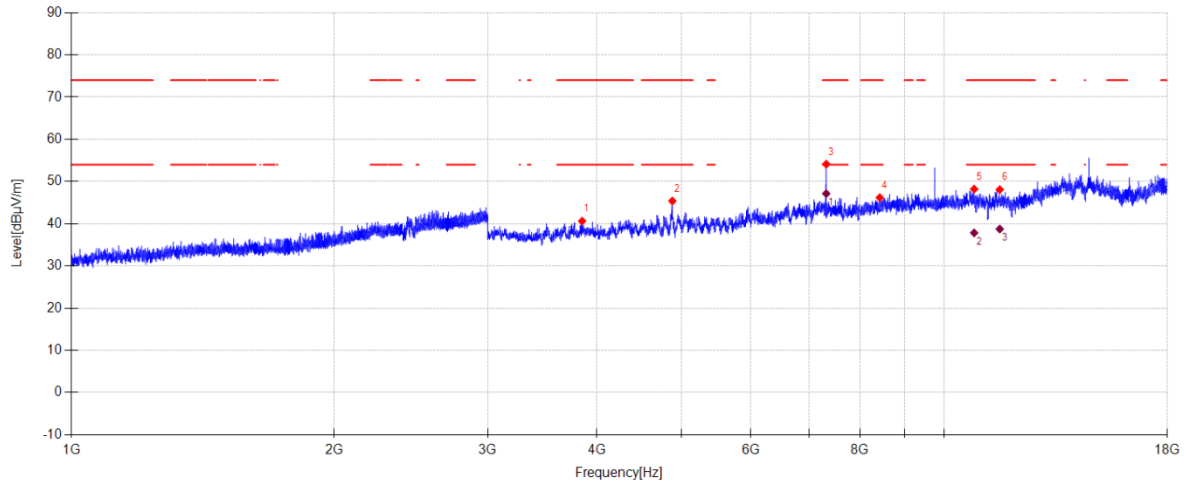
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4879.500	53.17	33.46	-41.60	45.03	54.00	8.97	AV	Horizontal
2	7321.500	51.07	37.57	-40.33	48.31	54.00	5.69	AV	Horizontal

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: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\60
Memo: Sample Number:S26060830-001 Power Setting:Default

**Suspected 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	3846.000	50.91	31.48	-41.77	40.62	74.00	33.38	PK	Vertical
2	4879.500	53.52	33.46	-41.60	45.38	74.00	28.62	PK	Vertical
3	7321.500	56.87	37.57	-40.33	54.11	74.00	19.89	PK	Vertical
4	8431.500	47.16	38.23	-39.21	46.18	74.00	27.82	PK	Vertical
5	10815.000	44.19	39.99	-35.98	48.20	74.00	25.80	PK	Vertical
6	11571.000	43.71	39.66	-35.29	48.08	74.00	25.92	PK	Vertical

Final Data List

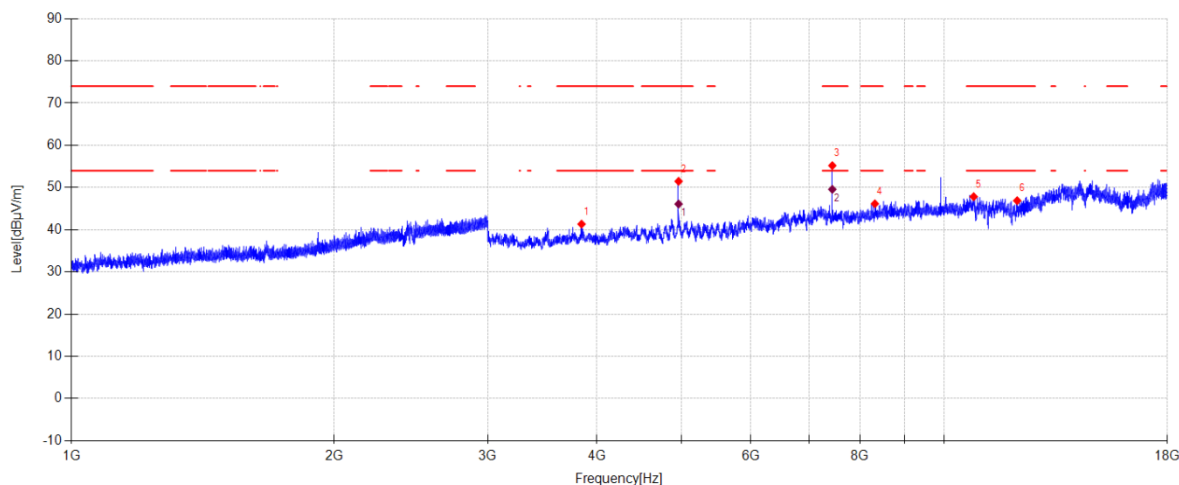
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7321.500	49.90	37.57	-40.33	47.14	54.00	6.86	AV	Vertical
2	10815.000	33.82	39.99	-35.98	37.83	54.00	16.17	AV	Vertical
3	11571.000	34.37	39.66	-35.29	38.74	54.00	15.26	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbn
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\Q26060830-3E\0727_RF\61
Memo: Sample Number:S26060830-001 Power Setting:Default

**Suspected 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	3840.000	51.65	31.44	-41.76	41.33	74.00	32.67	PK	Horizontal
2	4960.500	59.43	33.74	-41.70	51.47	74.00	22.53	PK	Horizontal
3	7440.000	58.17	37.12	-40.10	55.19	74.00	18.81	PK	Horizontal
4	8323.500	47.50	38.00	-39.35	46.15	74.00	27.85	PK	Horizontal
5	10801.500	43.81	40.00	-35.98	47.83	74.00	26.17	PK	Horizontal
6	12114.000	41.11	39.90	-34.13	46.88	74.00	27.12	PK	Horizontal

Final Data List

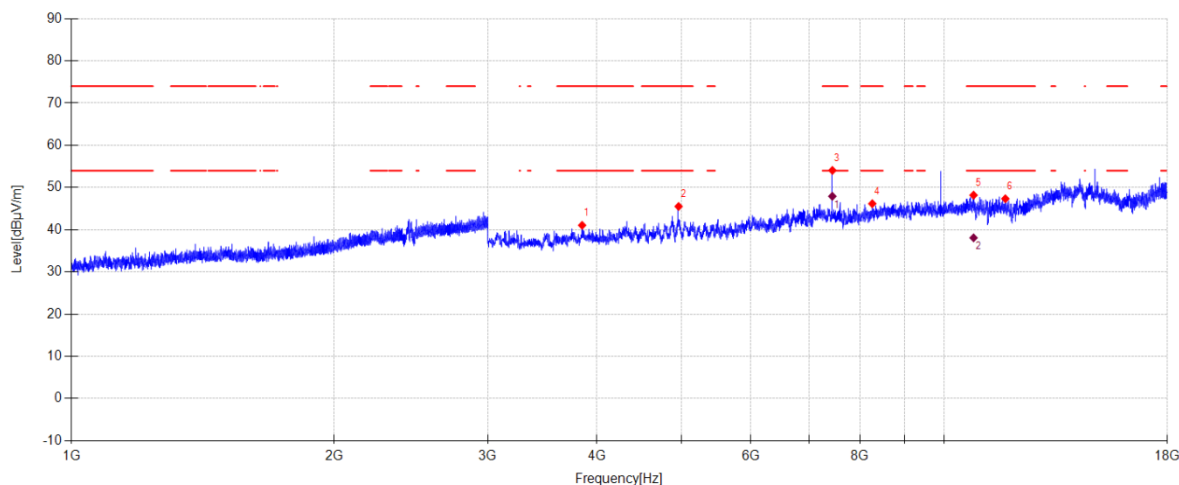
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4960.500	54.05	33.74	-41.70	46.09	54.00	7.91	AV	Horizontal
2	7440.032	52.54	37.12	-40.10	49.56	54.00	4.44	AV	Horizontal

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: 2026-07-30 **Tested By:** Li Xiongbín
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\Q26060830-3E\0727_RF\62
Memo: Sample Number:S26060830-001 Power Setting:Default

**Suspected 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	3846.000	51.34	31.48	-41.77	41.05	74.00	32.95	PK	Vertical
2	4960.500	53.47	33.74	-41.70	45.51	74.00	28.49	PK	Vertical
3	7441.500	57.04	37.12	-40.10	54.06	74.00	19.94	PK	Vertical
4	8266.500	47.51	37.93	-39.27	46.17	74.00	27.83	PK	Vertical
5	10798.500	44.15	40.00	-35.97	48.18	74.00	25.82	PK	Vertical
6	11742.000	43.24	39.50	-35.40	47.34	74.00	26.66	PK	Vertical

Final Data List

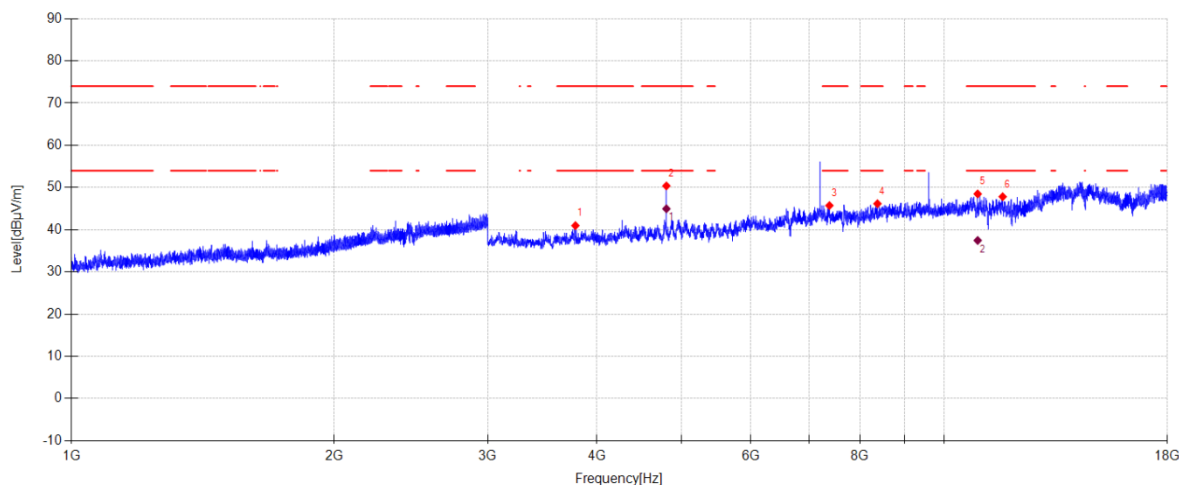
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7440.066	50.90	37.12	-40.10	47.92	54.00	6.08	AV	Vertical
2	10798.500	34.05	40.00	-35.97	38.08	54.00	15.92	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\63
Memo: Sample Number:S26060830-001 Power Setting:Default



Suspected 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	3778.500	51.58	31.07	-41.68	40.97	74.00	33.03	PK	Horizontal
2	4803.000	58.88	33.21	-41.71	50.38	74.00	23.62	PK	Horizontal
3	7383.000	48.65	37.27	-40.20	45.72	74.00	28.28	PK	Horizontal
4	8380.500	47.46	38.06	-39.36	46.16	74.00	27.84	PK	Horizontal
5	10915.500	44.57	39.87	-35.96	48.48	74.00	25.52	PK	Horizontal
6	11659.500	43.62	39.54	-35.34	47.82	74.00	26.18	PK	Horizontal

Final Data List

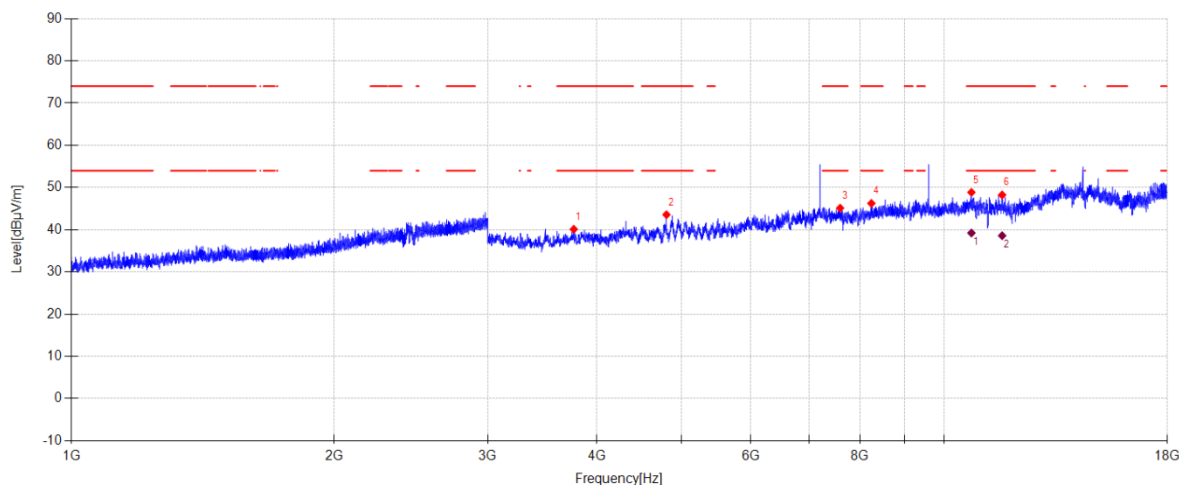
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4803.000	53.46	33.21	-41.71	44.96	54.00	9.04	AV	Horizontal
2	10915.500	33.55	39.87	-35.96	37.46	54.00	16.54	AV	Horizontal

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: 2026-07-30 **Tested By:** Li Xiongbín
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\Q26060830-3E\0727_RF\64
Memo: Sample Number:S26060830-001 Power Setting:Default



Suspected 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	3762.000	50.80	30.97	-41.66	40.11	74.00	33.89	PK	Vertical
2	4804.500	52.04	33.22	-41.70	43.56	74.00	30.44	PK	Vertical
3	7594.500	48.01	37.19	-40.08	45.12	74.00	28.88	PK	Vertical
4	8247.000	47.56	37.90	-39.22	46.24	74.00	27.76	PK	Vertical
5	10737.000	44.59	40.00	-35.74	48.85	74.00	25.15	PK	Vertical
6	11643.000	43.98	39.56	-35.29	48.25	74.00	25.75	PK	Vertical

Final Data List

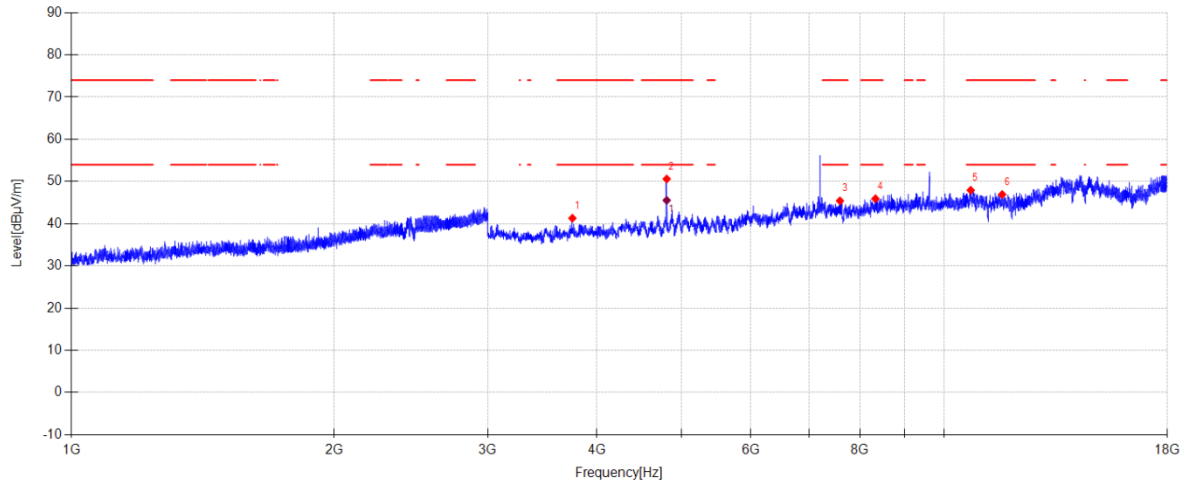
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10737.000	34.97	40.00	-35.74	39.23	54.00	14.77	AV	Vertical
2	11643.000	34.31	39.56	-35.29	38.58	54.00	15.42	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbn
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\Q26060830-3E\0727_RF\65
Memo: Sample Number:S26060830-001 Power Setting:Default

**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	3748.500	52.06	30.89	-41.65	41.30	74.00	32.70	PK	Horizontal
2	4807.500	59.07	33.23	-41.70	50.60	74.00	23.40	PK	Horizontal
3	7591.500	48.31	37.18	-40.07	45.42	74.00	28.58	PK	Horizontal
4	8337.000	47.27	38.00	-39.35	45.92	74.00	28.08	PK	Horizontal
5	10717.500	43.61	40.00	-35.67	47.94	74.00	26.06	PK	Horizontal
6	11644.500	42.66	39.56	-35.29	46.93	74.00	27.07	PK	Horizontal

Final Data List

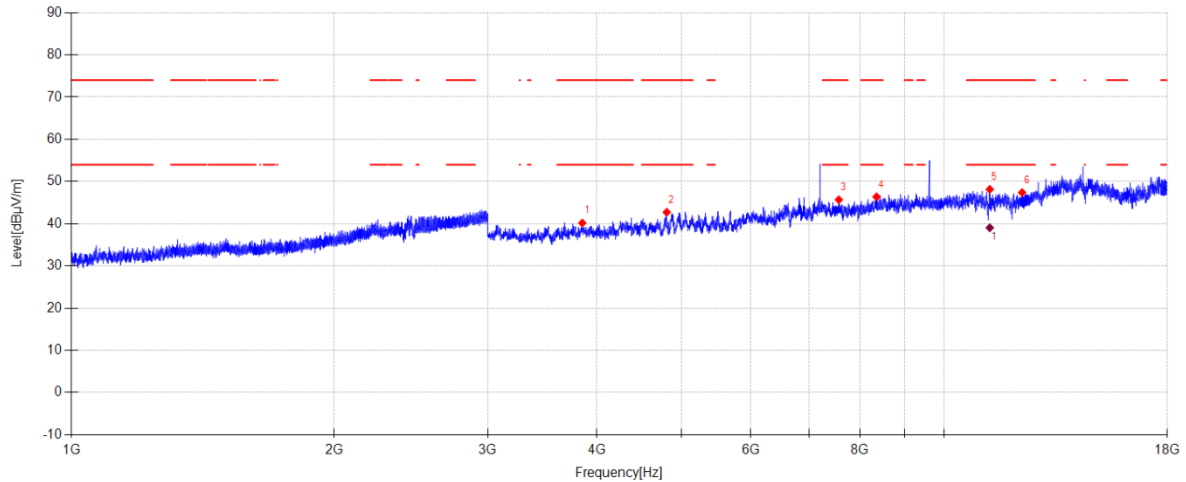
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4807.500	54.01	33.23	-41.70	45.54	54.00	8.46	AV	Horizontal

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: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\66
Memo: Sample Number:S26060830-001 Power Setting:Default



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	3847.500	50.46	31.49	-41.77	40.18	74.00	33.82	PK	Vertical
2	4807.500	51.20	33.23	-41.70	42.73	74.00	31.27	PK	Vertical
3	7569.000	48.60	37.14	-40.06	45.68	74.00	28.32	PK	Vertical
4	8361.000	47.72	38.02	-39.36	46.38	74.00	27.62	PK	Vertical
5	11269.500	43.79	39.97	-35.61	48.15	74.00	25.85	PK	Vertical
6	12273.000	41.90	39.83	-34.34	47.39	74.00	26.61	PK	Vertical

Final Data List

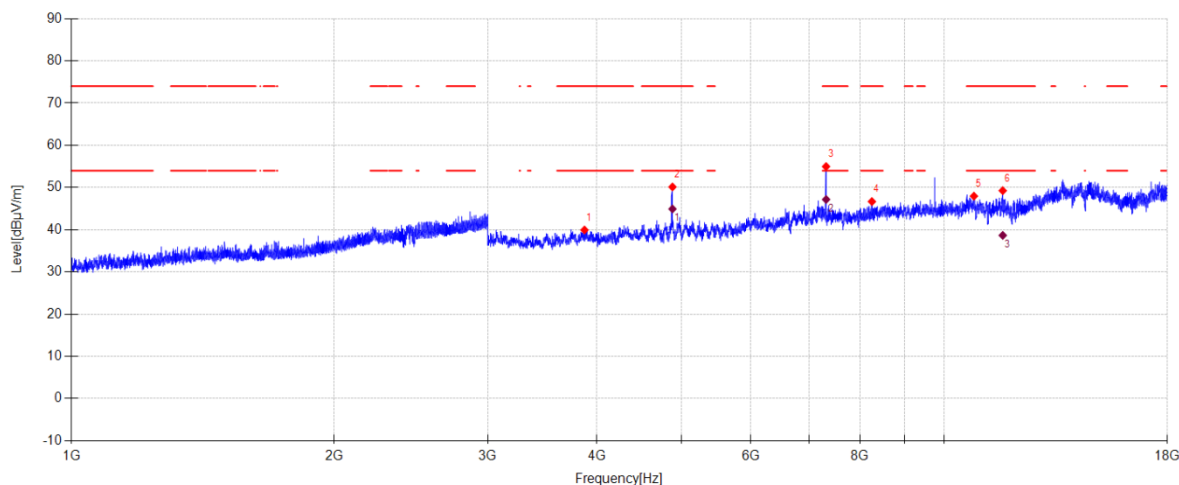
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11269.500	34.68	39.97	-35.61	39.04	54.00	14.96	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbín
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\Q26060830-3E\0727_RF\67
Memo: Sample Number:S26060830-001 Power Setting:Default



Suspected 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	3870.000	50.20	31.54	-41.80	39.94	74.00	34.06	PK	Horizontal
2	4881.000	58.27	33.46	-41.60	50.13	74.00	23.87	PK	Horizontal
3	7318.500	57.72	37.59	-40.34	54.97	74.00	19.03	PK	Horizontal
4	8259.000	48.00	37.92	-39.25	46.67	74.00	27.33	PK	Horizontal
5	10809.000	43.95	39.99	-35.98	47.96	74.00	26.04	PK	Horizontal
6	11661.000	45.05	39.54	-35.34	49.25	74.00	24.75	PK	Horizontal

Final Data List

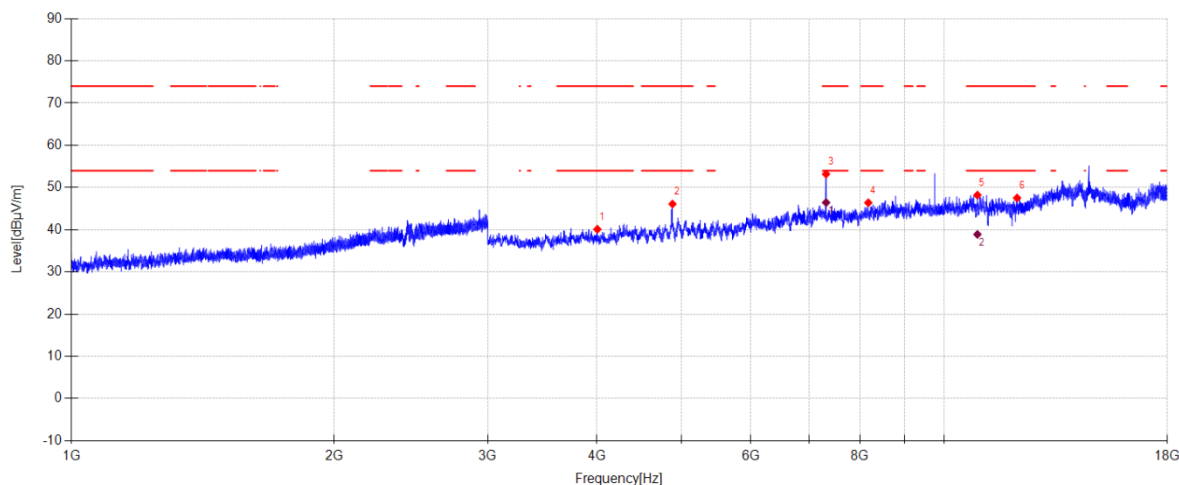
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4881.000	53.06	33.46	-41.60	44.92	54.00	9.08	AV	Horizontal
2	7319.269	49.92	37.59	-40.34	47.17	54.00	6.83	AV	Horizontal
3	11661.000	34.46	39.54	-35.34	38.66	54.00	15.34	AV	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: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\68
Memo: Sample Number:S26060830-001 Power Setting:Default

**Suspected 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	4003.500	50.19	31.60	-41.69	40.10	74.00	33.90	PK	Vertical
2	4881.000	54.23	33.46	-41.60	46.09	74.00	27.91	PK	Vertical
3	7318.500	55.93	37.59	-40.34	53.18	74.00	20.82	PK	Vertical
4	8181.000	47.71	37.90	-39.22	46.39	74.00	27.61	PK	Vertical
5	10908.000	44.31	39.88	-35.99	48.20	74.00	25.80	PK	Vertical
6	12109.500	41.76	39.90	-34.14	47.52	74.00	26.48	PK	Vertical

Final Data List

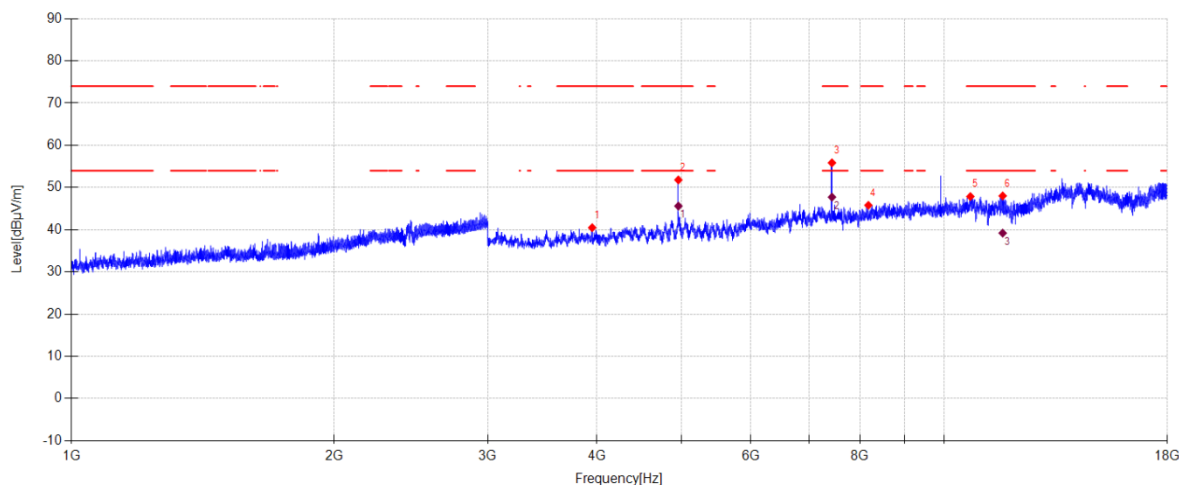
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7318.500	49.19	37.59	-40.34	46.44	54.00	7.56	AV	Vertical
2	10908.000	35.01	39.88	-35.99	38.90	54.00	15.10	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbn
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\Q26060830-3E\0727_RF\69
Memo: Sample Number:S26060830-001 Power Setting:Default

**Suspected 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	3949.500	50.55	31.70	-41.76	40.49	74.00	33.51	PK	Horizontal
2	4957.500	59.76	33.73	-41.70	51.79	74.00	22.21	PK	Horizontal
3	7432.500	58.82	37.14	-40.11	55.85	74.00	18.15	PK	Horizontal
4	8182.500	47.10	37.90	-39.21	45.79	74.00	28.21	PK	Horizontal
5	10707.000	43.49	40.00	-35.63	47.86	74.00	26.14	PK	Horizontal
6	11659.500	43.81	39.54	-35.34	48.01	74.00	25.99	PK	Horizontal

Final Data List

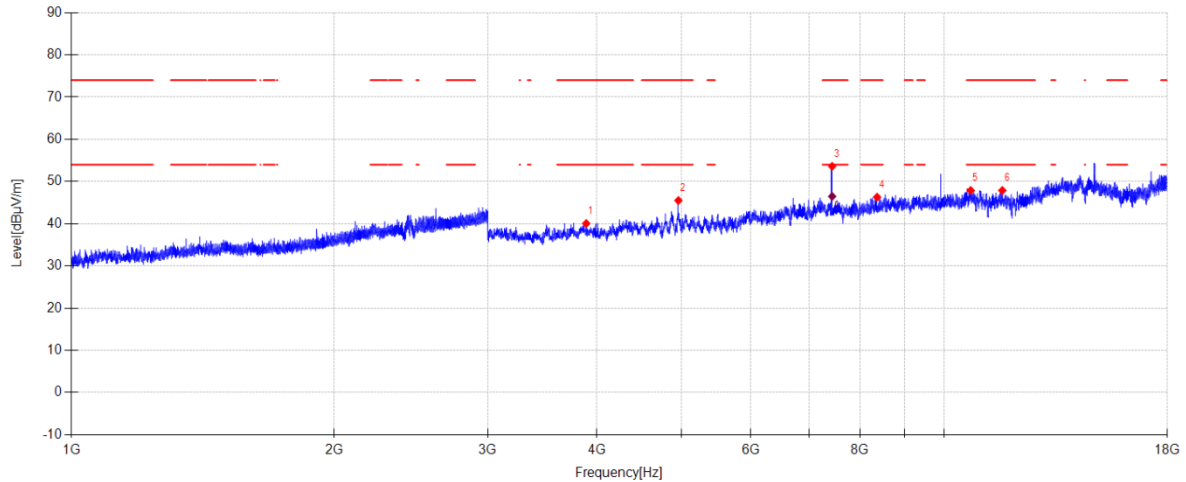
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4957.500	53.58	33.73	-41.70	45.61	54.00	8.39	AV	Horizontal
2	7433.317	50.69	37.14	-40.11	47.72	54.00	6.28	AV	Horizontal
3	11659.500	35.00	39.54	-35.34	39.20	54.00	14.80	AV	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: 2026-07-30 **Tested By:** Li Xiongbn
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\Q26060830-3E\0727_RF\70
Memo: Sample Number:S26060830-001 Power Setting:Default

**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	3888.000	50.29	31.58	-41.82	40.05	74.00	33.95	PK	Vertical
2	4957.500	53.48	33.73	-41.70	45.51	74.00	28.49	PK	Vertical
3	7437.000	56.59	37.13	-40.11	53.61	74.00	20.39	PK	Vertical
4	8371.500	47.62	38.04	-39.36	46.30	74.00	27.70	PK	Vertical
5	10717.500	43.56	40.00	-35.67	47.89	74.00	26.11	PK	Vertical
6	11649.000	43.64	39.55	-35.31	47.88	74.00	26.12	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	7437.000	49.46	37.13	-40.11	46.48	54.00	7.52	AV	Vertical

Note:

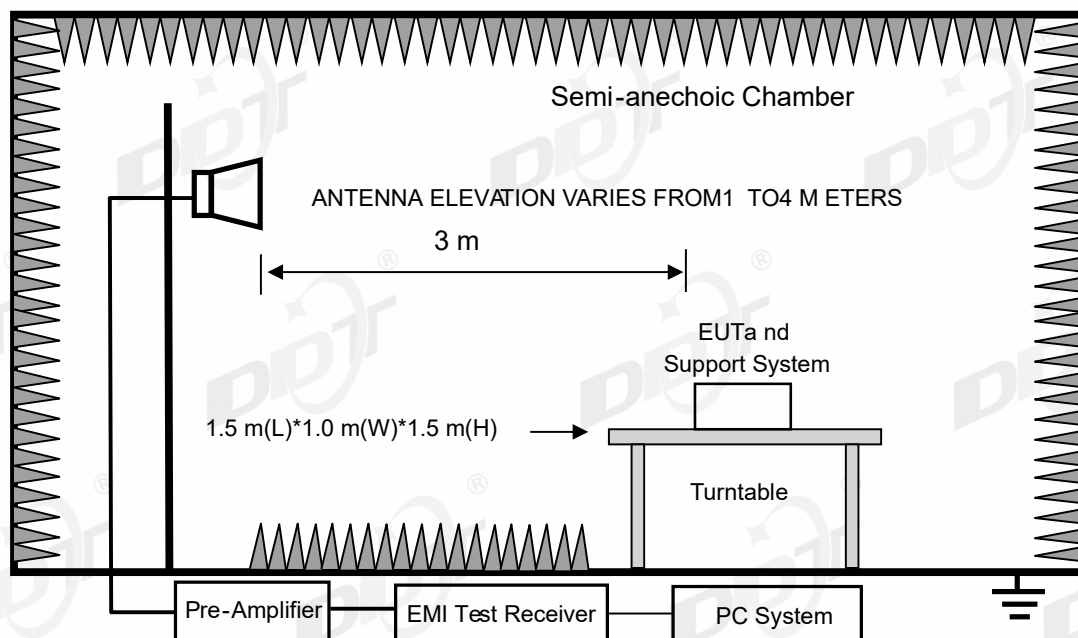
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
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	/

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

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

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.

Remark: All restriction band have been tested, and only the worst case is shown in report.

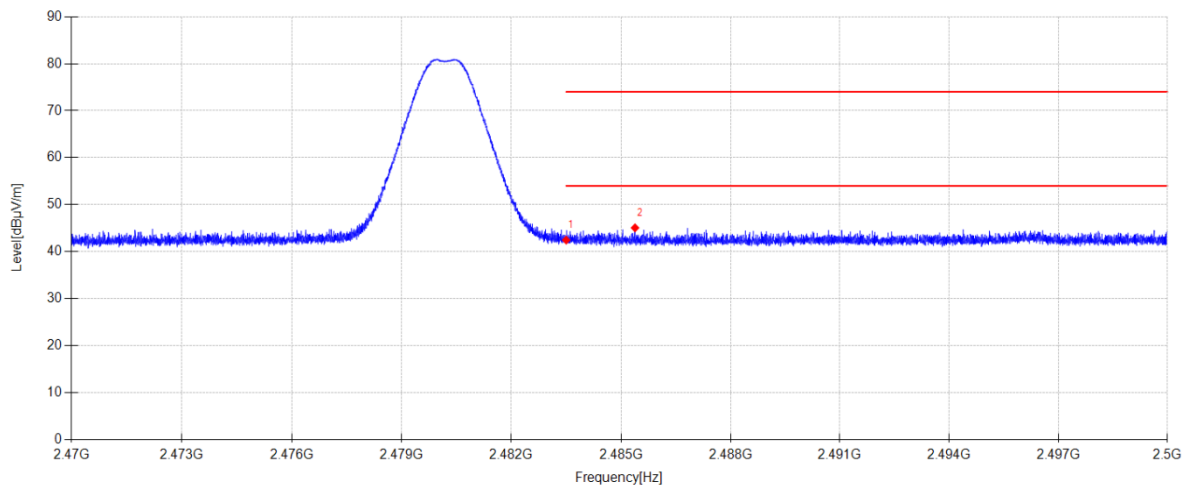
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-30 **Tested By:** Li Xiongbin
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\Q26060830-3E\0727_RF\71
Memo: Sample Number:S26060830-001 Power Setting: Default



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	41.85	28.60	-27.99	42.46	74.00	31.54	PK	Horizontal
2	2485.384	44.45	28.61	-27.99	45.07	74.00	28.93	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:

2026-07-30

Tested By:

Li Xiongbín

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

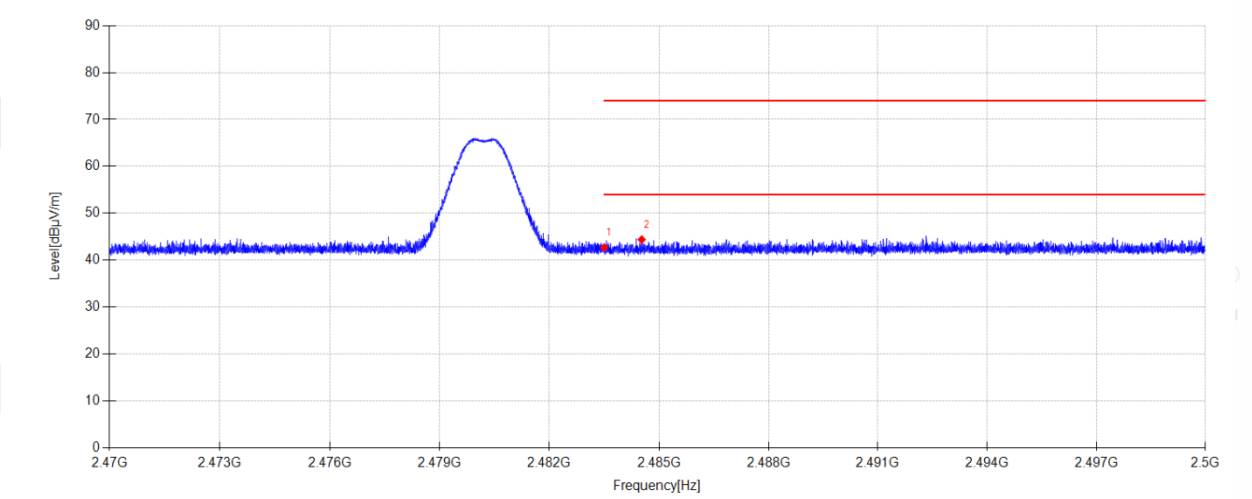
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\72

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	42.09	28.60	-27.99	42.70	74.00	31.30	PK	Vertical
2	2484.526	43.77	28.61	-27.99	44.39	74.00	29.61	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:

2026-07-30

Tested By:

Li Xiongbin

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

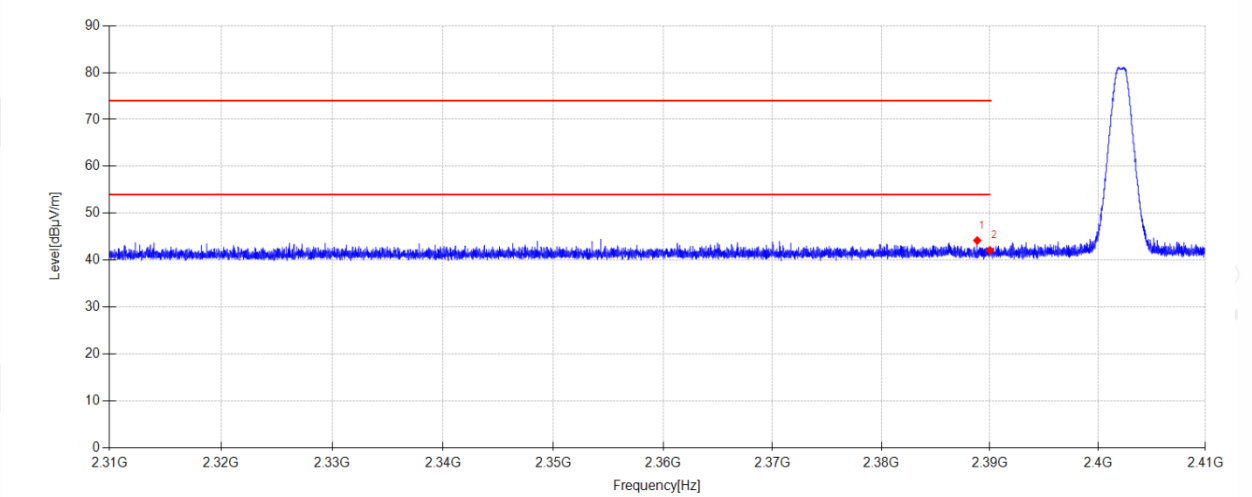
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\73

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	2388.840	44.13	28.18	-28.12	44.19	74.00	29.81	PK	Horizontal
2	2390.000	42.03	28.18	-28.12	42.09	74.00	31.91	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:

2026-07-30

Tested By:

Li Xiongbin

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

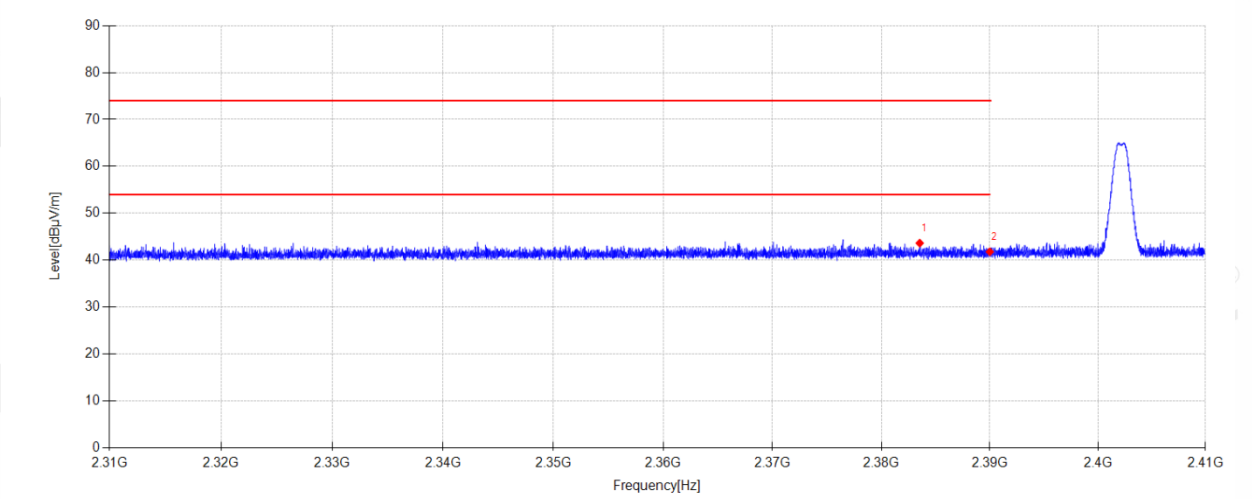
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\74

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	2383.530	43.61	28.17	-28.14	43.64	74.00	30.36	PK	Vertical
2	2390.000	41.73	28.18	-28.12	41.79	74.00	32.21	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:

2026-07-30

Tested By:

Li Xiongbín

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

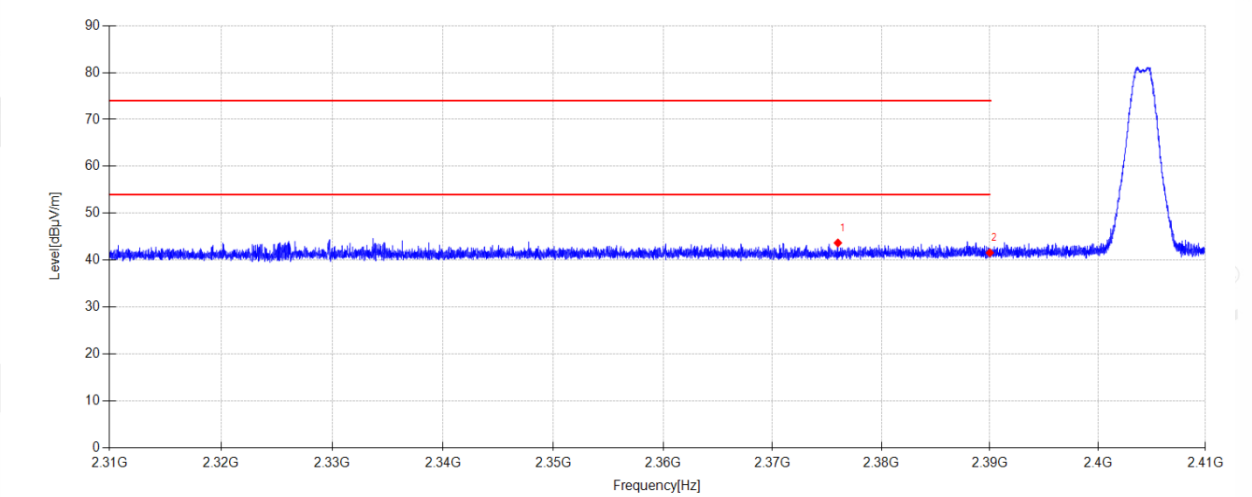
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\75

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	2376.000	43.70	28.15	-28.17	43.68	74.00	30.32	PK	Horizontal
2	2390.000	41.52	28.18	-28.12	41.58	74.00	32.42	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:

2026-07-30

Tested By:

Li Xiongbín

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

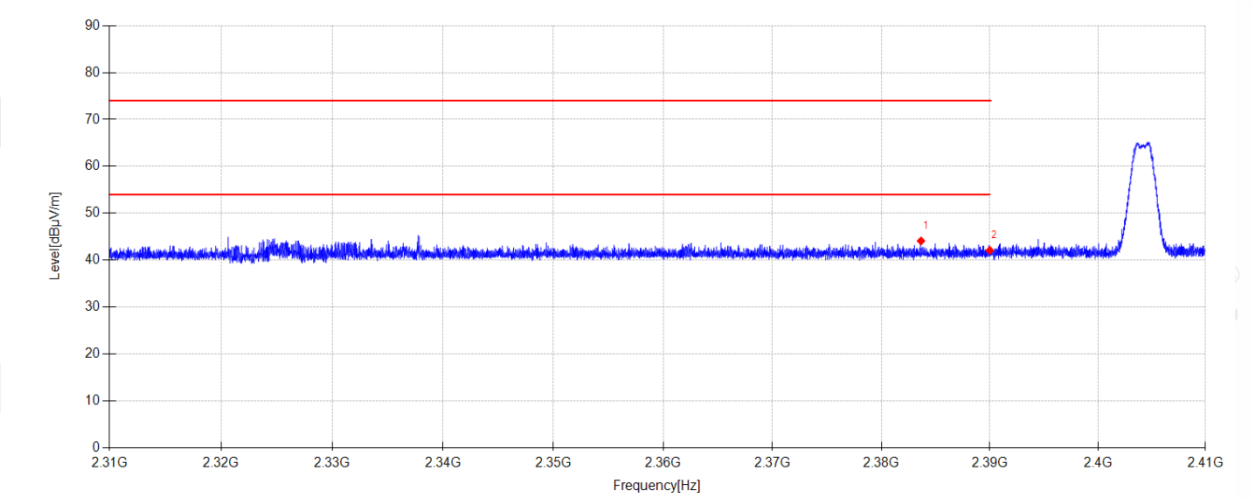
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\76

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	2383.650	44.07	28.17	-28.14	44.10	74.00	29.90	PK	Vertical
2	2390.000	42.03	28.18	-28.12	42.09	74.00	31.91	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-30

Tested By:

Li Xiongbín

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

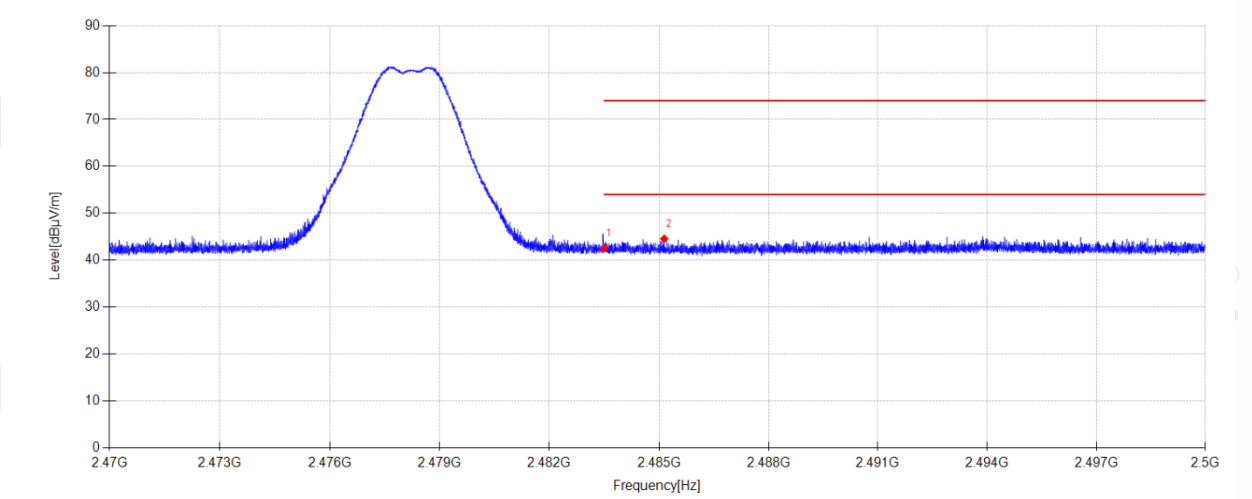
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\77

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	41.92	28.60	-27.99	42.53	74.00	31.47	PK	Horizontal
2	2485.144	43.94	28.61	-27.99	44.56	74.00	29.44	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:

2026-07-30

Tested By:

Li Xiongbín

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

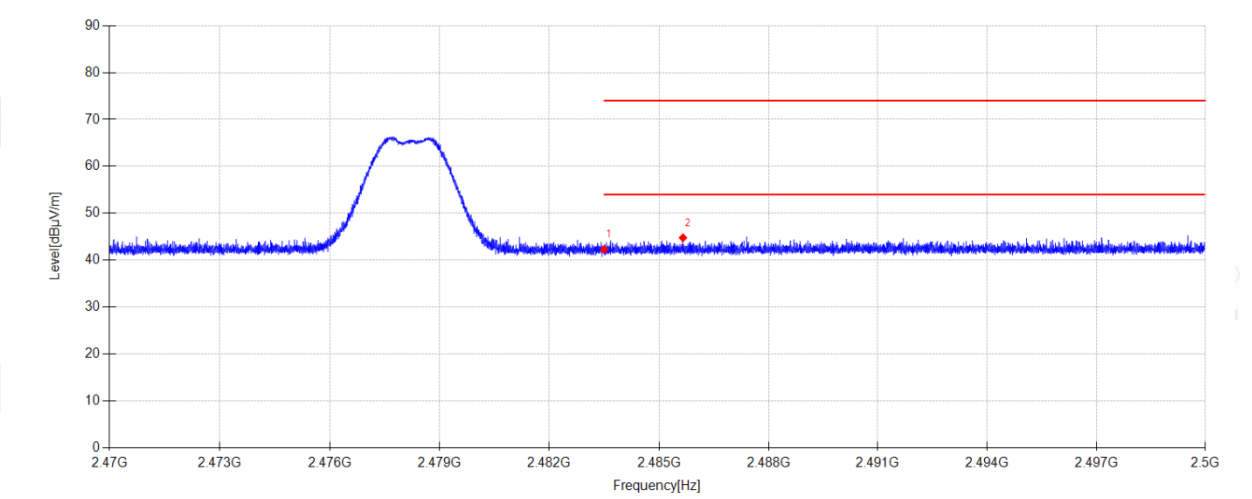
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26060830-3E\0727_RF\78

Memo:

Sample Number:S26060830-001 Power Setting: Default



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	41.69	28.60	-27.99	42.30	74.00	31.70	PK	Vertical
2	2485.657	44.16	28.61	-27.99	44.78	74.00	29.22	PK	Vertical

Note:

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

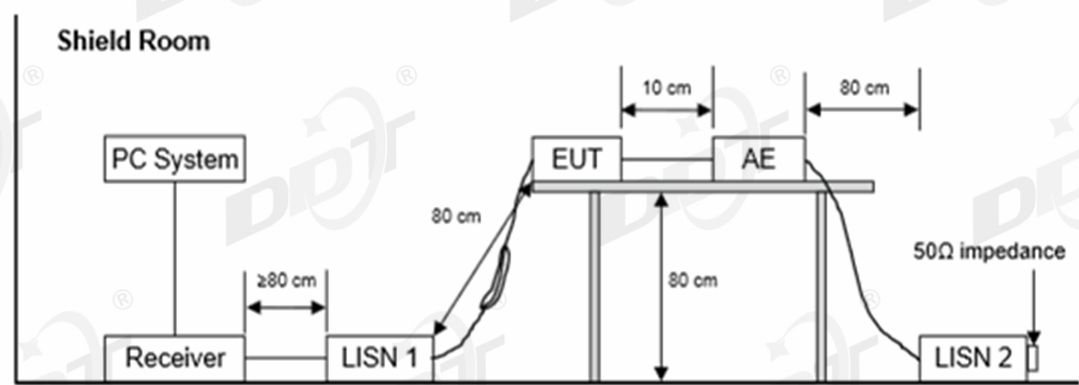
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
/	/	/	/	/

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level	Average Level
	dB(uV)	dB(uV)
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
/	/	/	/	/

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

Not Applicable

Conducted limits are not required for devices which only employ battery power for operation.

16. Photos of the EUT

Please refer to DDT-Q26060830-4E appendix I

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