

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-06

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.4°C;Humi:57.1%

Test Site:

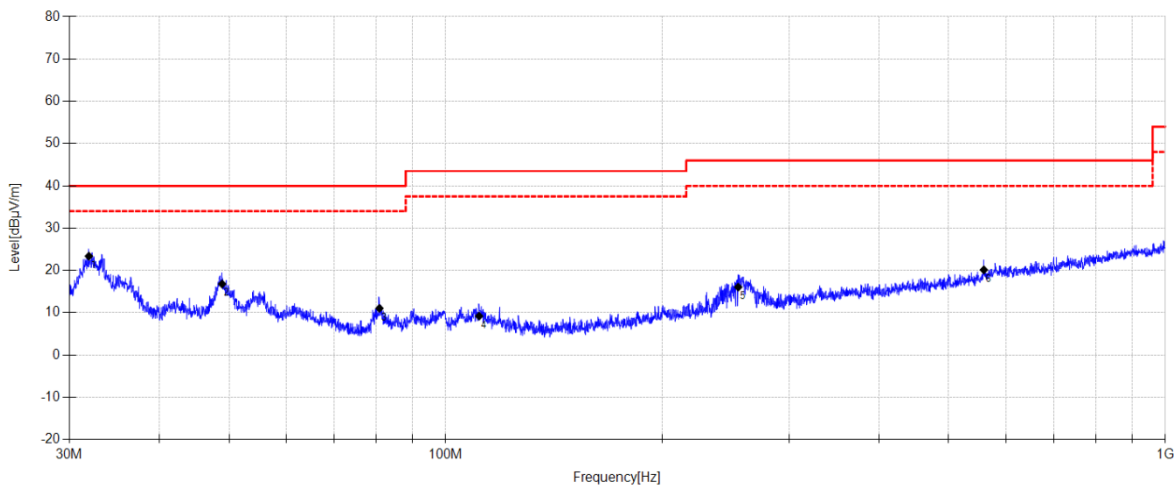
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26011512-1E\FCC BELOW 1G\7

Memo:

Sample Numbler:S26011512-003



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	31.932	41	10.86	3.81	23.37	40.00	16.63	QP	Horizontal
2	48.907	31.57	13.56	3.97	16.80	40.00	23.20	QP	Horizontal
3	80.911	30.22	8.92	4.20	11.04	40.00	28.96	QP	Horizontal
4	111.318	25.21	11.93	4.37	9.20	43.50	34.30	QP	Horizontal
5	254.977	31.16	12.20	5.10	16.06	46.00	29.94	QP	Horizontal
6	559.579	28.35	18.29	6.25	20.14	46.00	25.86	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:

2026-02-06

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:24.4°C;Humi:57.1%

Test Site:

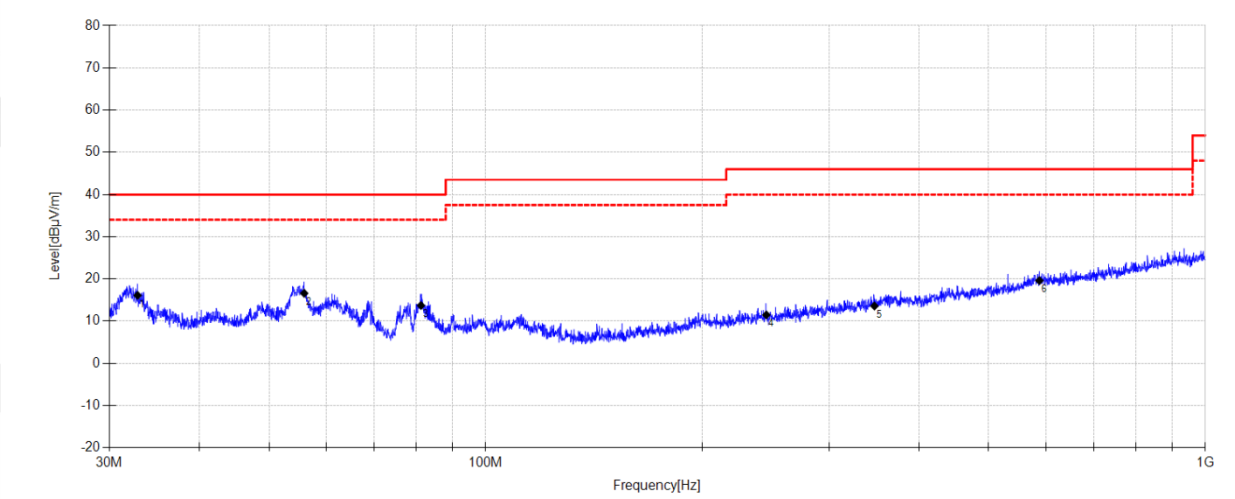
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26011512-1E\FCC BELOW 1G\8

Memo:

Sample Numbel:S26011512-003



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.840	33.69	10.90	3.82	16.11	40.00	23.89	QP	Vertical
2	55.954	31.87	12.99	4.03	16.59	40.00	23.41	QP	Vertical
3	81.310	32.84	8.97	4.20	13.71	40.00	26.29	QP	Vertical
4	245.503	26.83	11.99	5.06	11.48	46.00	34.52	QP	Vertical
5	346.883	26.01	14.54	5.48	13.58	46.00	32.42	QP	Vertical
6	588.142	27.18	18.88	6.36	19.60	46.00	26.40	QP	Vertical

Note:

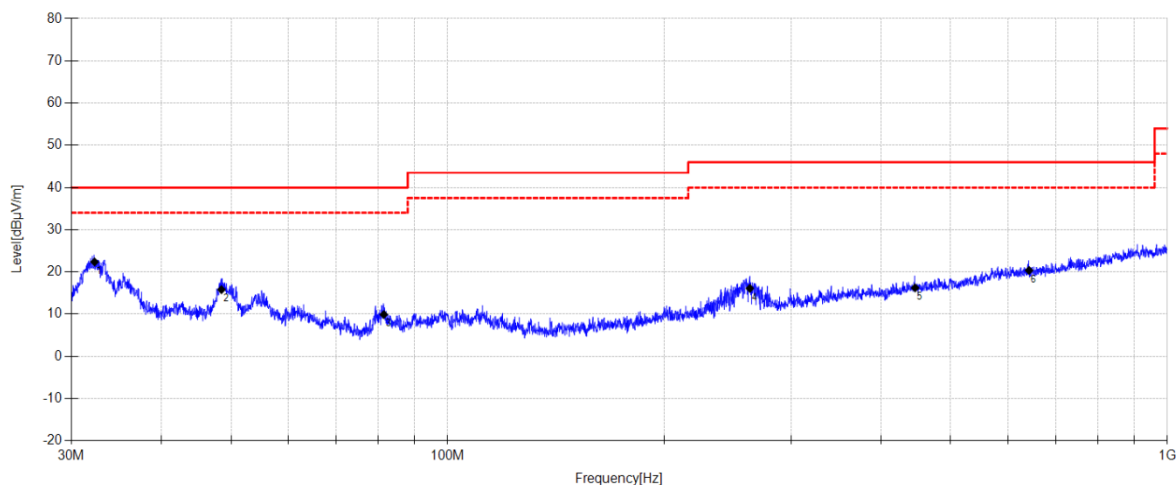
1. Result Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-02-06 **Tested By:** Cao Jie
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:24.4°C;Humi:57.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26011512-1E\FCC BELOW 1G\9
Memo: Sample Numbel:S26011512-003

**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.315	39.96	10.90	3.81	22.37	40.00	17.63	QP	Horizontal
2	48.497	30.74	13.40	3.97	15.81	40.00	24.19	QP	Horizontal
3	81.538	29.06	8.95	4.20	9.91	40.00	30.09	QP	Horizontal
4	262.966	31.05	12.32	5.13	16.10	46.00	29.90	QP	Horizontal
5	446.173	26.73	16.18	5.86	16.22	46.00	29.78	QP	Horizontal
6	642.467	27.92	18.90	6.50	20.36	46.00	25.64	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:

2026-02-06

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:24.4°C;Humi:57.1%

Test Site:

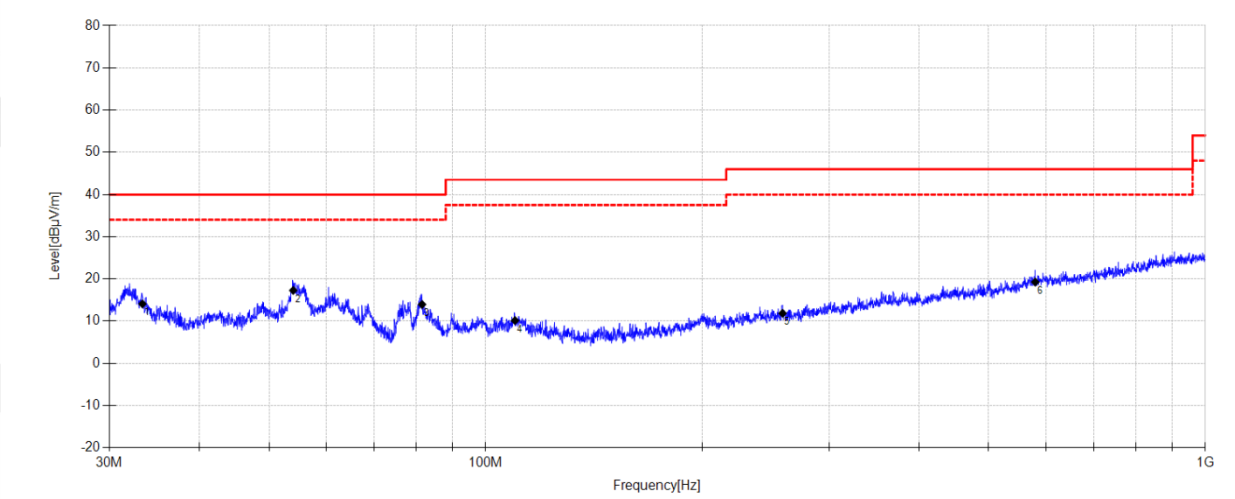
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26011512-1E\FCC BELOW 1G\10

Memo:

Sample Numbel:S26011512-003



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	33.351	31.52	11.04	3.83	14.09	40.00	25.91	QP	Vertical
2	54.027	32.2	13.38	4.01	17.29	40.00	22.71	QP	Vertical
3	81.595	33.12	8.94	4.20	13.96	40.00	26.04	QP	Vertical
4	109.844	26.13	11.95	4.36	10.13	43.50	33.37	QP	Vertical
5	258.578	26.95	12.20	5.11	11.86	46.00	34.14	QP	Vertical
6	580.359	26.67	19.06	6.33	19.26	46.00	26.74	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:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

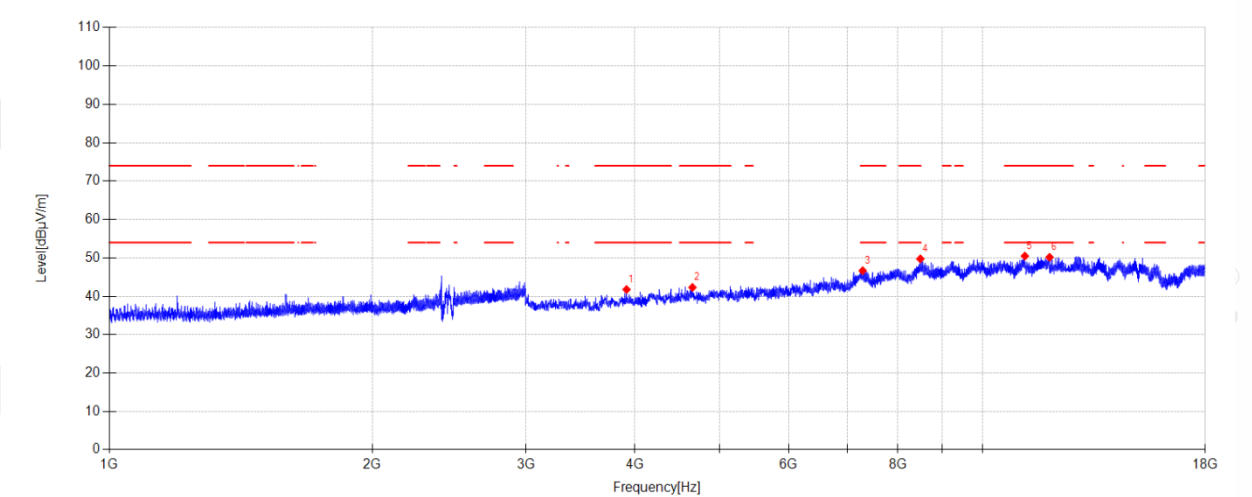
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\3

Memo:

Sample number: S26011512-002



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	3912.000	49.19	30.57	-38.00	41.76	74.00	32.24	PK	Horizontal
2	4654.500	48.12	32.07	-37.88	42.31	74.00	31.69	PK	Horizontal
3	7291.500	45.36	36.23	-34.92	46.67	74.00	27.33	PK	Horizontal
4	8490.000	45.14	37.39	-32.78	49.75	74.00	24.25	PK	Horizontal
5	11184.000	41.73	38.88	-30.13	50.48	74.00	23.52	PK	Horizontal
6	11935.500	41.00	38.81	-29.63	50.18	74.00	23.82	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

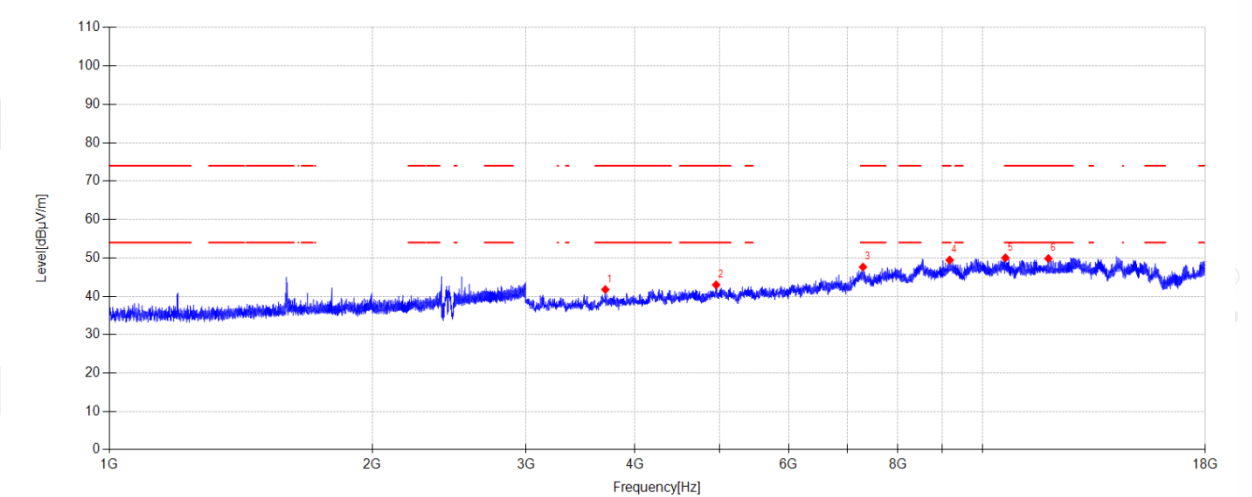
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\4

Memo:

Sample number: S26011512-002



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	3699.000	49.10	30.25	-37.59	41.76	74.00	32.24	PK	Vertical
2	4954.500	48.34	32.70	-38.06	42.98	74.00	31.02	PK	Vertical
3	7297.500	46.27	36.24	-34.89	47.62	74.00	26.38	PK	Vertical
4	9172.500	43.87	38.03	-32.47	49.43	74.00	24.57	PK	Vertical
5	10624.500	42.77	38.64	-31.39	50.02	74.00	23.98	PK	Vertical
6	11899.500	40.52	38.81	-29.50	49.83	74.00	24.17	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

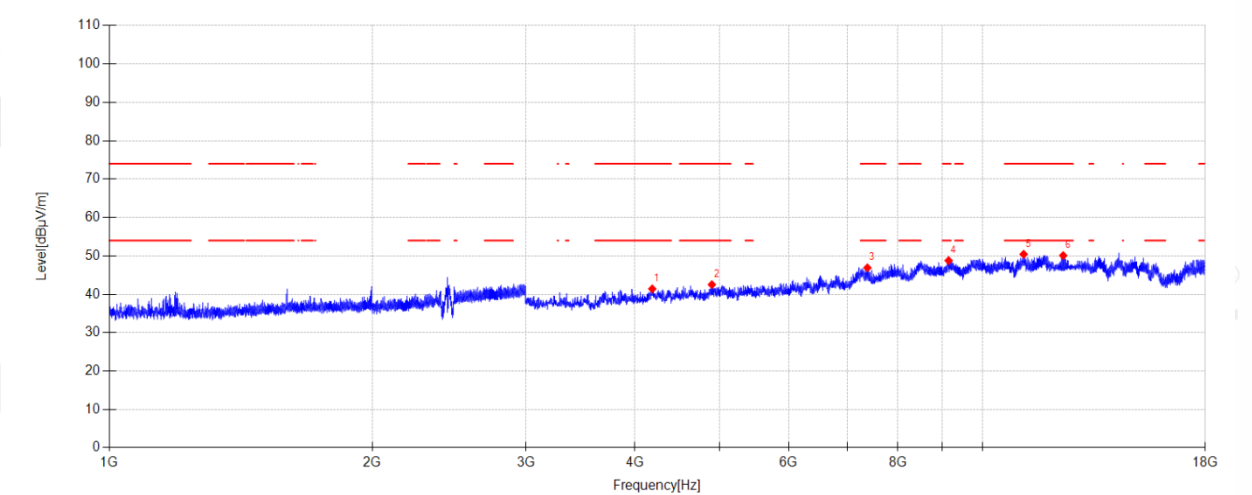
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\5

Memo:

Sample number: S26011512-002



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	47.56	31.09	-37.24	41.41	74.00	32.59	PK	Horizontal
2	4899.000	48.07	32.59	-38.14	42.52	74.00	31.48	PK	Horizontal
3	7383.000	46.13	36.31	-35.53	46.91	74.00	27.09	PK	Horizontal
4	9147.000	43.48	38.03	-32.73	48.78	74.00	25.22	PK	Horizontal
5	11148.000	41.80	38.89	-30.26	50.43	74.00	23.57	PK	Horizontal
6	12373.500	39.74	39.14	-28.79	50.09	74.00	23.91	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

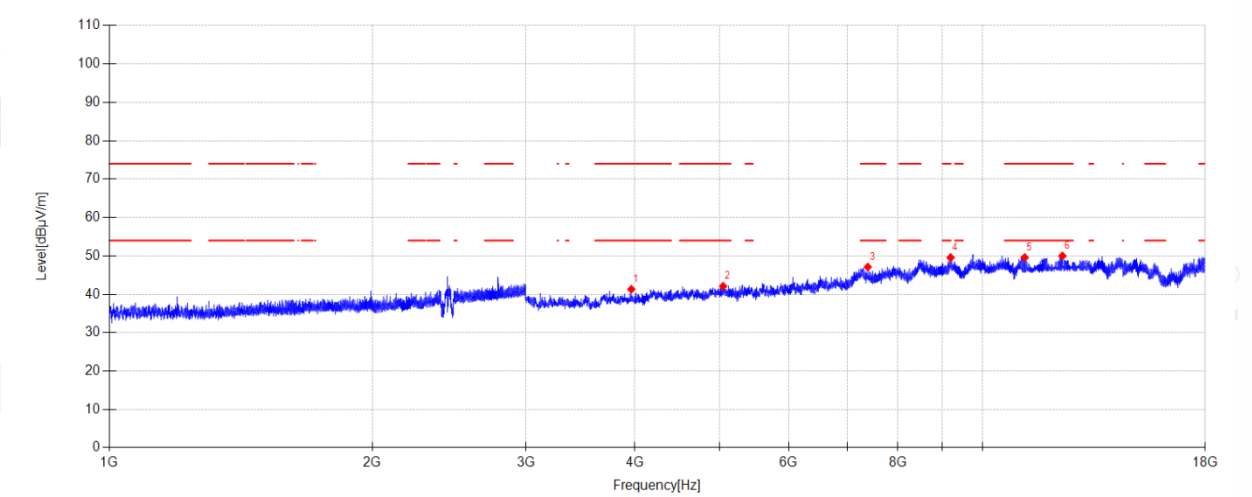
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\6

Memo:

Sample number: S26011512-002



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	3961.500	48.69	30.64	-38.02	41.31	74.00	32.69	PK	Vertical
2	5046.000	47.17	32.85	-37.93	42.09	74.00	31.91	PK	Vertical
3	7390.500	46.39	36.31	-35.59	47.11	74.00	26.89	PK	Vertical
4	9195.000	43.77	38.04	-32.24	49.57	74.00	24.43	PK	Vertical
5	11176.500	40.86	38.88	-30.16	49.58	74.00	24.42	PK	Vertical
6	12348.000	40.01	39.11	-29.13	49.99	74.00	24.01	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

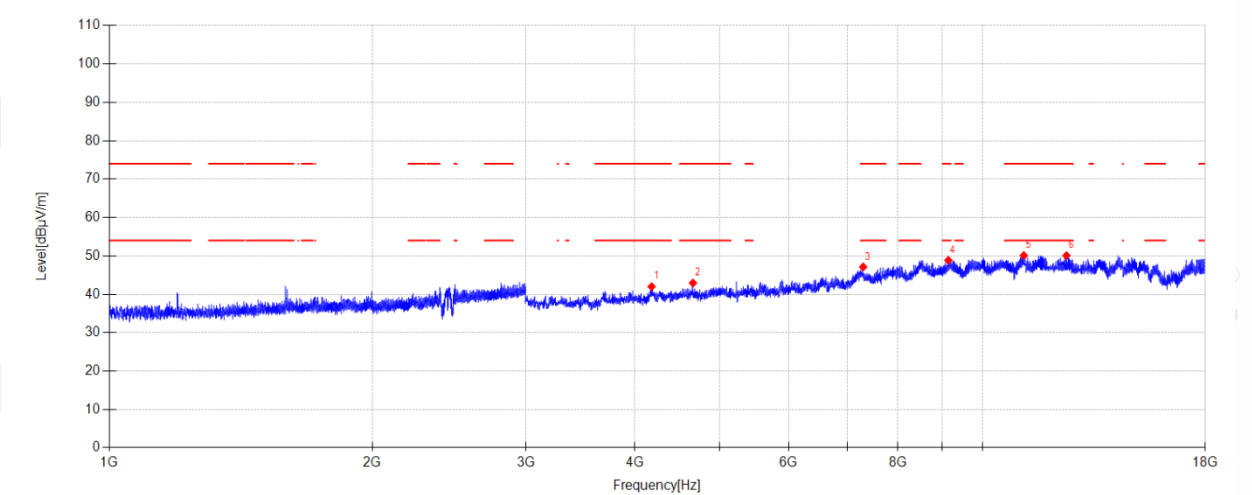
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\7

Memo:

Sample number: S26011512-002



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	4179.000	48.28	31.08	-37.36	42.00	74.00	32.00	PK	Horizontal
2	4660.500	48.73	32.09	-37.88	42.94	74.00	31.06	PK	Horizontal
3	7300.500	45.77	36.24	-34.88	47.13	74.00	26.87	PK	Horizontal
4	9139.500	43.64	38.03	-32.81	48.86	74.00	25.14	PK	Horizontal
5	11151.000	41.48	38.88	-30.25	50.11	74.00	23.89	PK	Horizontal
6	12478.500	39.84	39.23	-28.99	50.08	74.00	23.92	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

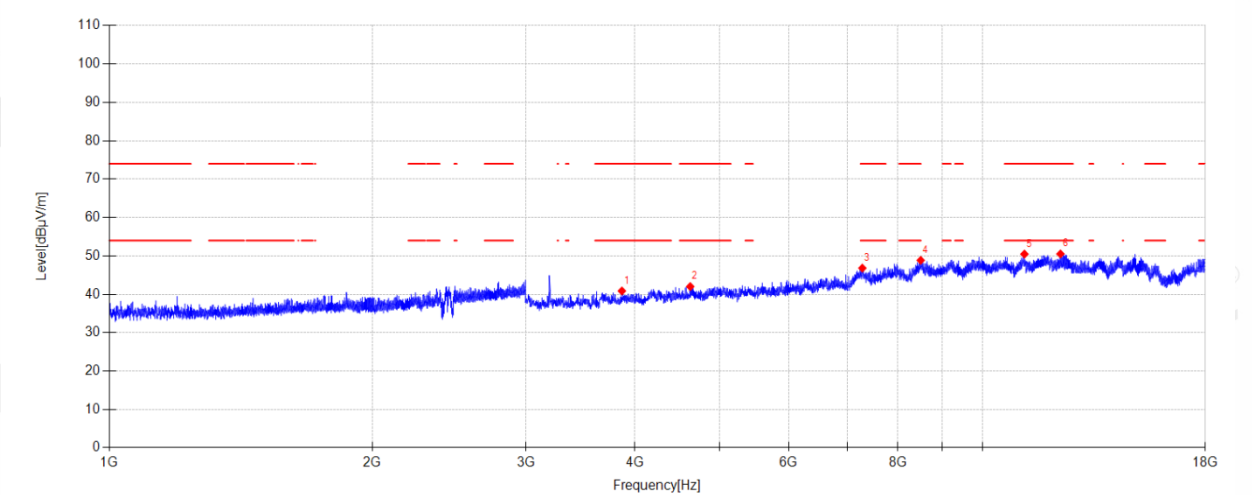
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\8

Memo:

Sample number: S26011512-002



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	3864.000	48.40	30.50	-38.03	40.87	74.00	33.13	PK	Vertical
2	4627.500	47.84	32.02	-37.85	42.01	74.00	31.99	PK	Vertical
3	7285.500	45.54	36.23	-34.95	46.82	74.00	27.18	PK	Vertical
4	8497.500	44.13	37.40	-32.67	48.86	74.00	25.14	PK	Vertical
5	11170.500	41.77	38.88	-30.18	50.47	74.00	23.53	PK	Vertical
6	12285.000	41.38	39.06	-29.92	50.52	74.00	23.48	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

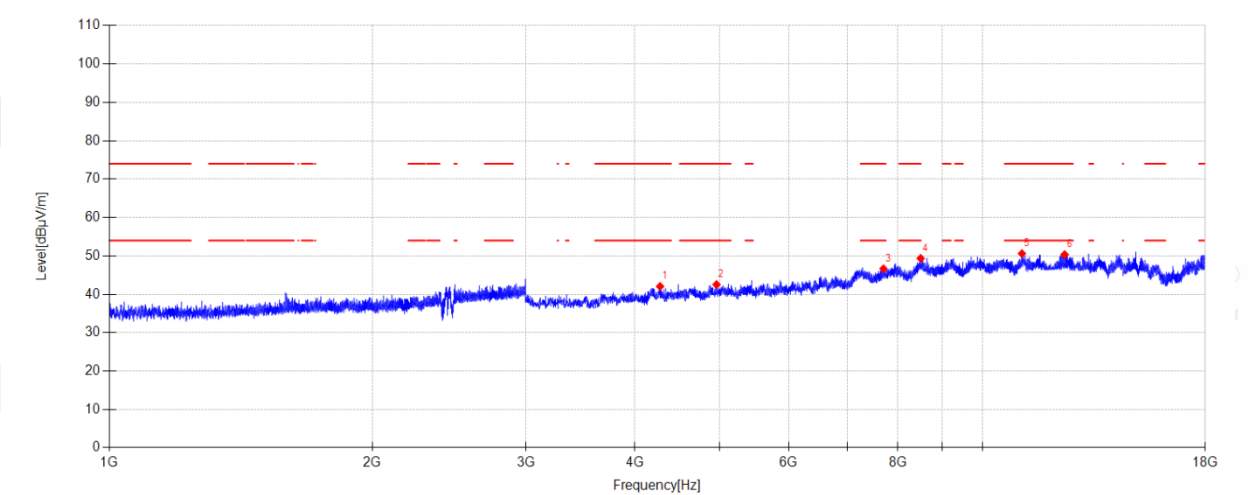
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\13

Memo:

Sample number: S26011512-002



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	4273.500	48.50	31.27	-37.72	42.05	74.00	31.95	PK	Horizontal
2	4959.000	47.88	32.71	-38.05	42.54	74.00	31.46	PK	Horizontal
3	7702.500	45.51	36.56	-35.41	46.66	74.00	27.34	PK	Horizontal
4	8496.000	44.65	37.40	-32.70	49.35	74.00	24.65	PK	Horizontal
5	11097.000	42.20	38.89	-30.48	50.61	74.00	23.39	PK	Horizontal
6	12420.000	39.73	39.18	-28.57	50.34	74.00	23.66	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

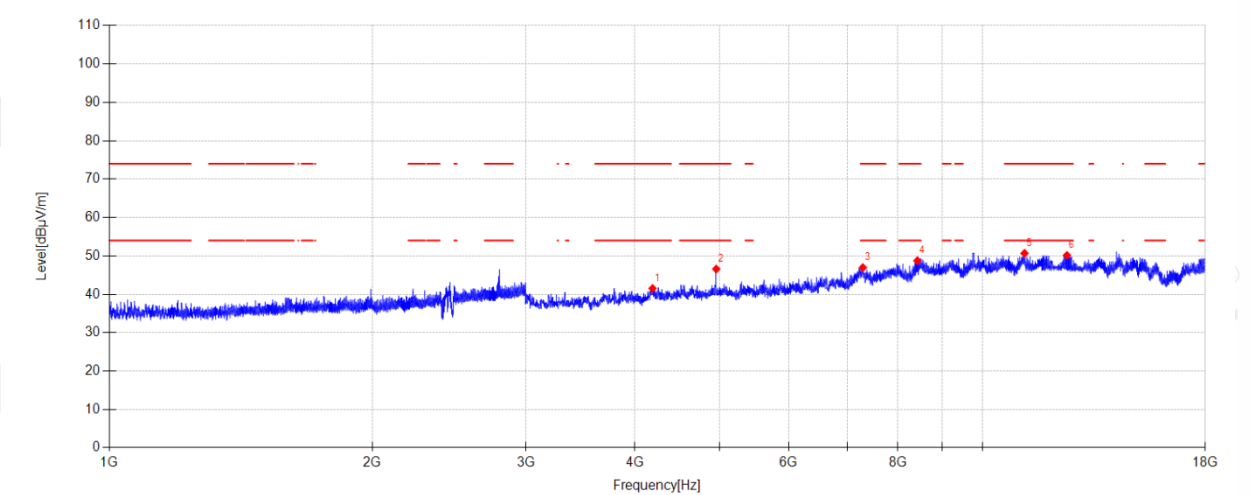
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\14

Memo:

Sample number: S26011512-002



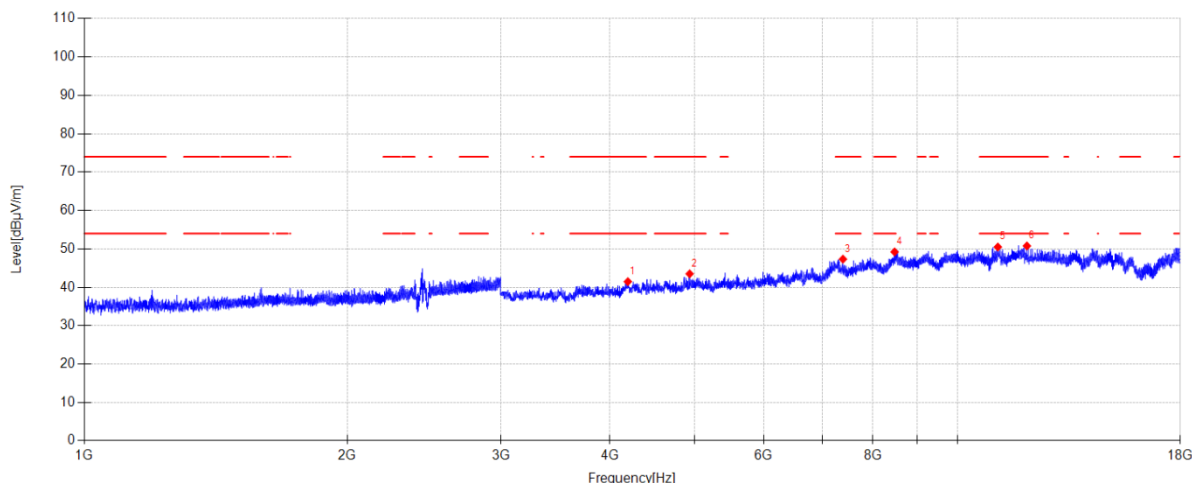
Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4189.500	47.62	31.10	-37.19	41.53	74.00	32.47	PK	Vertical
2	4956.000	51.94	32.71	-38.06	46.59	74.00	27.41	PK	Vertical
3	7294.500	45.62	36.24	-34.91	46.95	74.00	27.05	PK	Vertical
4	8422.500	45.16	37.31	-33.72	48.75	74.00	25.25	PK	Vertical
5	11173.500	41.97	38.88	-30.17	50.68	74.00	23.32	PK	Vertical
6	12496.500	40.00	39.25	-29.12	50.13	74.00	23.87	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-03 **Tested By:** Nan Zhong
Test Mode: TX BLE2M 2440MHz Mode **Power Supply:** Battery
Condition: Temp:23.4°C;Humi:48.1% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\15
Memo: Sample number: S26011512-002

**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	4192.500	47.51	31.10	-37.14	41.47	74.00	32.53	PK	Horizontal
2	4935.000	48.92	32.66	-38.08	43.50	74.00	30.50	PK	Horizontal
3	7393.500	46.63	36.31	-35.61	47.33	74.00	26.67	PK	Horizontal
4	8472.000	44.88	37.37	-33.03	49.22	74.00	24.78	PK	Horizontal
5	11124.000	41.96	38.89	-30.35	50.50	74.00	23.50	PK	Horizontal
6	12010.500	41.92	38.81	-29.95	50.78	74.00	23.22	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

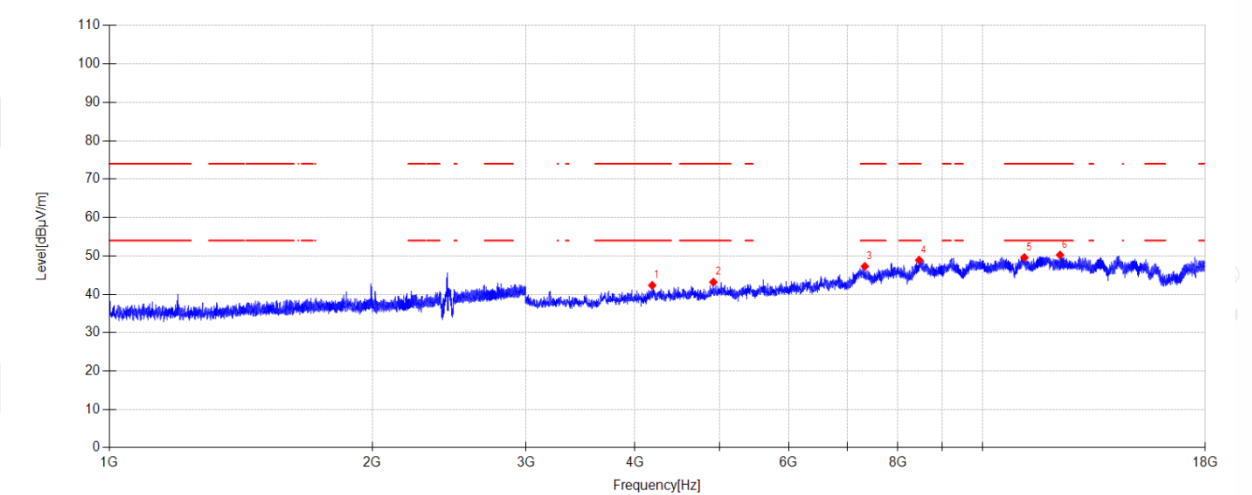
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\16

Memo:

Sample number: S26011512-002



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	48.48	31.09	-37.24	42.33	74.00	31.67	PK	Vertical
2	4918.500	48.65	32.63	-38.11	43.17	74.00	30.83	PK	Vertical
3	7333.500	46.15	36.27	-35.14	47.28	74.00	26.72	PK	Vertical
4	8463.000	44.70	37.36	-33.15	48.91	74.00	25.09	PK	Vertical
5	11169.000	40.87	38.88	-30.18	49.57	74.00	24.43	PK	Vertical
6	12270.000	41.26	39.04	-30.05	50.25	74.00	23.75	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

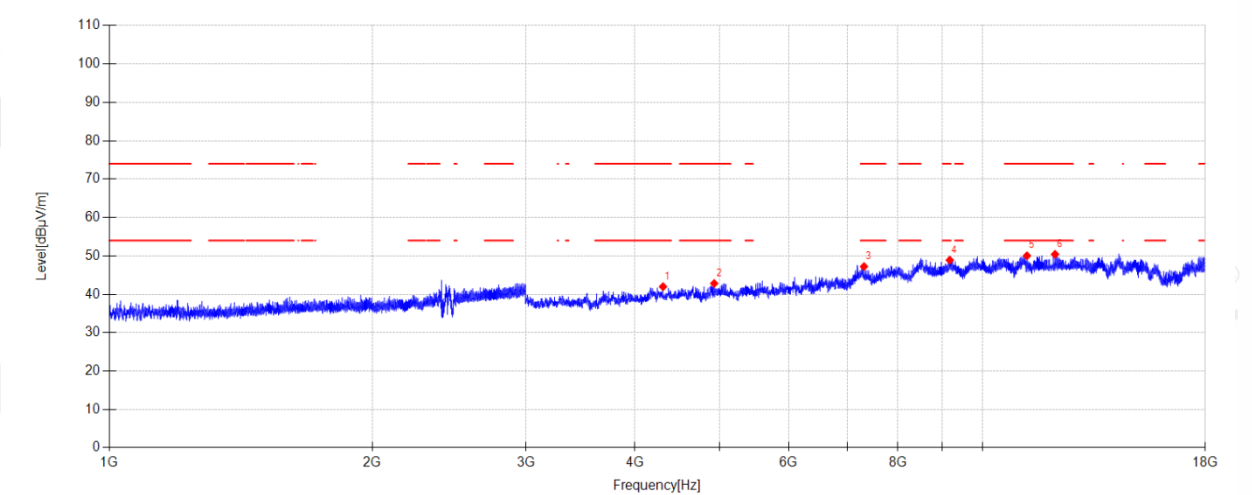
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\17

Memo:

Sample number: S26011512-002



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	4306.500	48.61	31.34	-37.97	41.98	74.00	32.02	PK	Horizontal
2	4929.000	48.26	32.65	-38.09	42.82	74.00	31.18	PK	Horizontal
3	7317.000	45.99	36.25	-35.01	47.23	74.00	26.77	PK	Horizontal
4	9174.000	43.33	38.03	-32.46	48.90	74.00	25.10	PK	Horizontal
5	11245.500	41.72	38.88	-30.56	50.04	74.00	23.96	PK	Horizontal
6	12109.500	42.11	38.90	-30.58	50.43	74.00	23.57	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

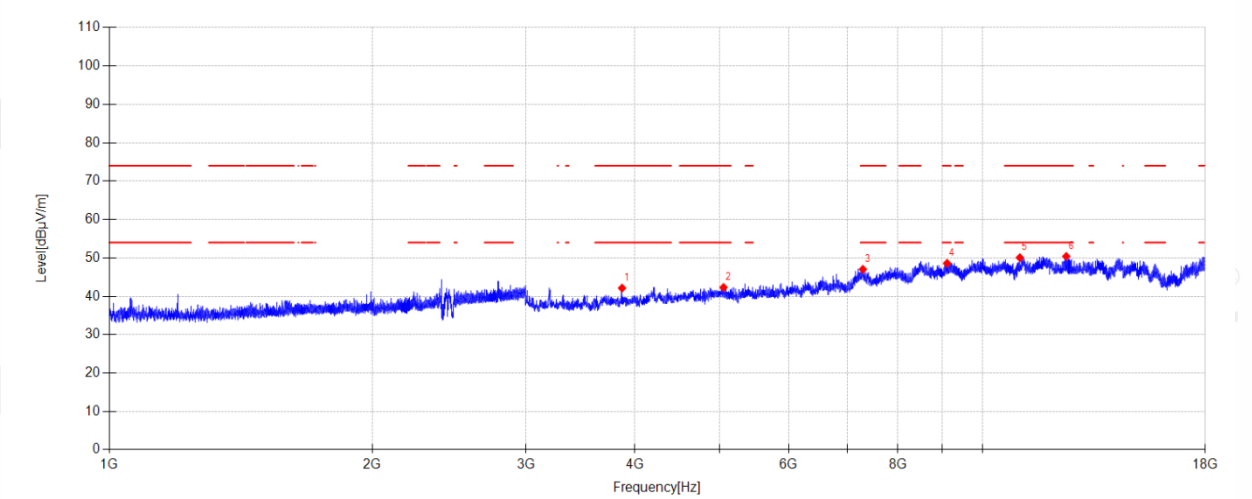
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\18

Memo:

Sample number: S26011512-002



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	3865.500	49.66	30.50	-38.02	42.14	74.00	31.86	PK	Vertical
2	5052.000	47.37	32.86	-37.92	42.31	74.00	31.69	PK	Vertical
3	7296.000	45.69	36.24	-34.90	47.03	74.00	26.97	PK	Vertical
4	9109.500	43.68	38.02	-33.11	48.59	74.00	25.41	PK	Vertical
5	11035.500	42.38	38.90	-31.21	50.07	74.00	23.93	PK	Vertical
6	12474.000	40.14	39.23	-28.96	50.41	74.00	23.59	PK	Vertical

Note:

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

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

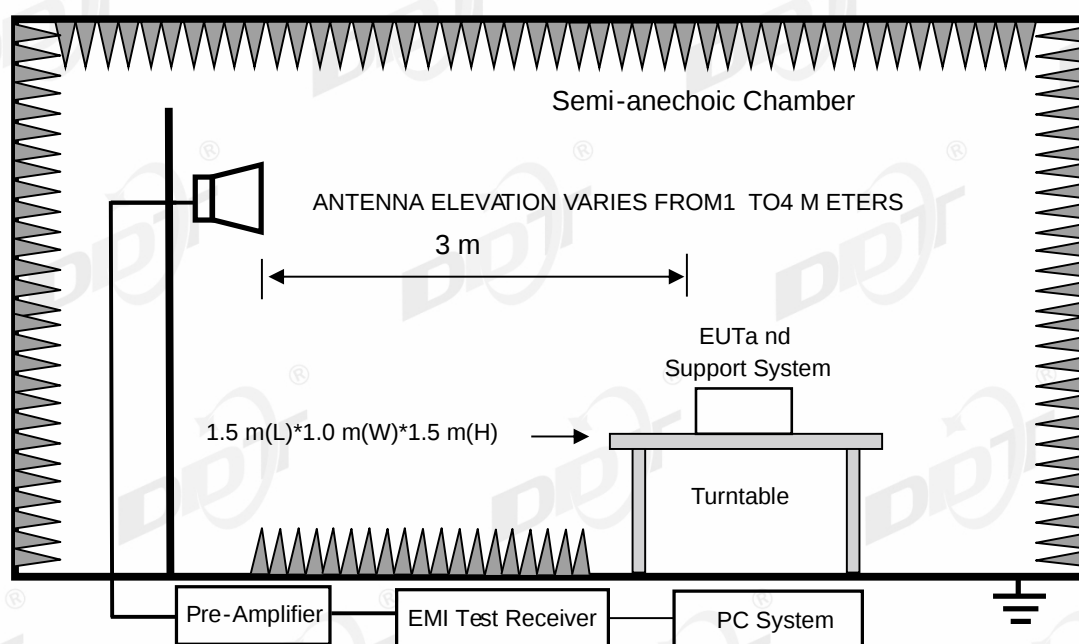
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
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	2026/07/04
SPECTRUM ANALYZER	R&S	FSU26	DDT-ZC00236	2026/07/06

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 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:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

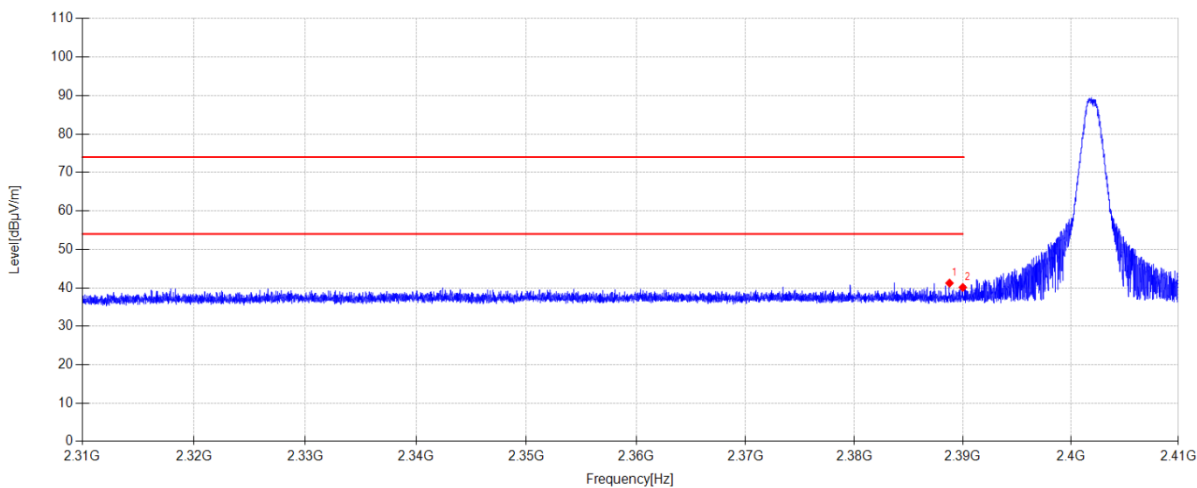
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\1

Memo:

Sample number: S26011512-002



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	2388.770	41.51	27.43	-27.71	41.23	74.00	32.77	PK	Horizontal
2	2390.000	40.39	27.43	-27.71	40.11	74.00	33.89	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

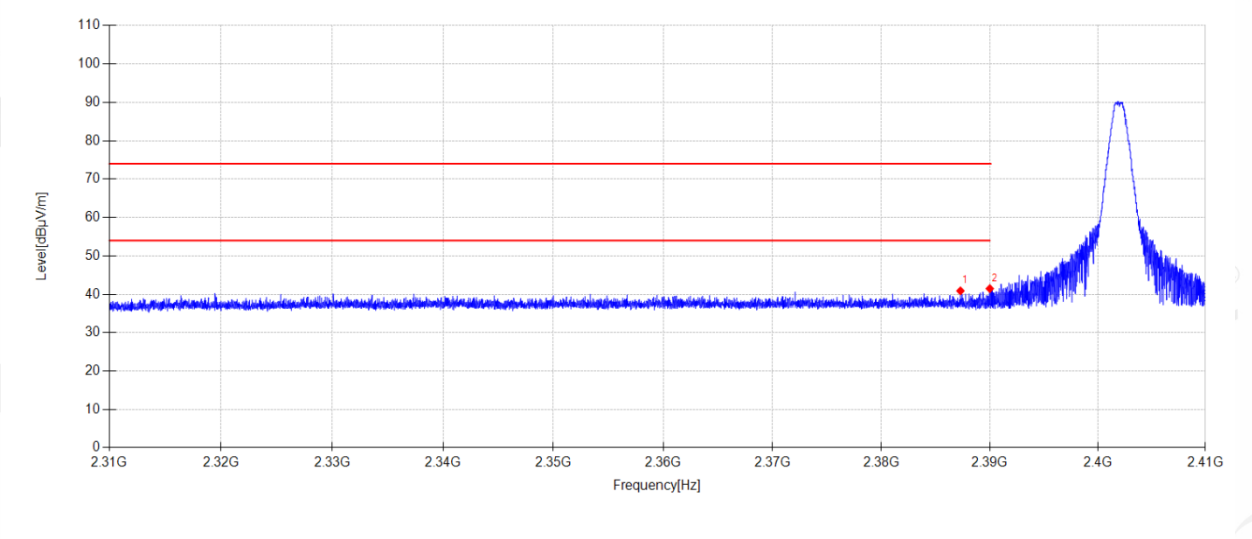
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\2

Memo:

Sample number: S26011512-002



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	2387.290	41.19	27.42	-27.72	40.89	74.00	33.11	PK	Vertical
2	2390.000	41.76	27.43	-27.71	41.48	74.00	32.52	PK	Vertical

Note:

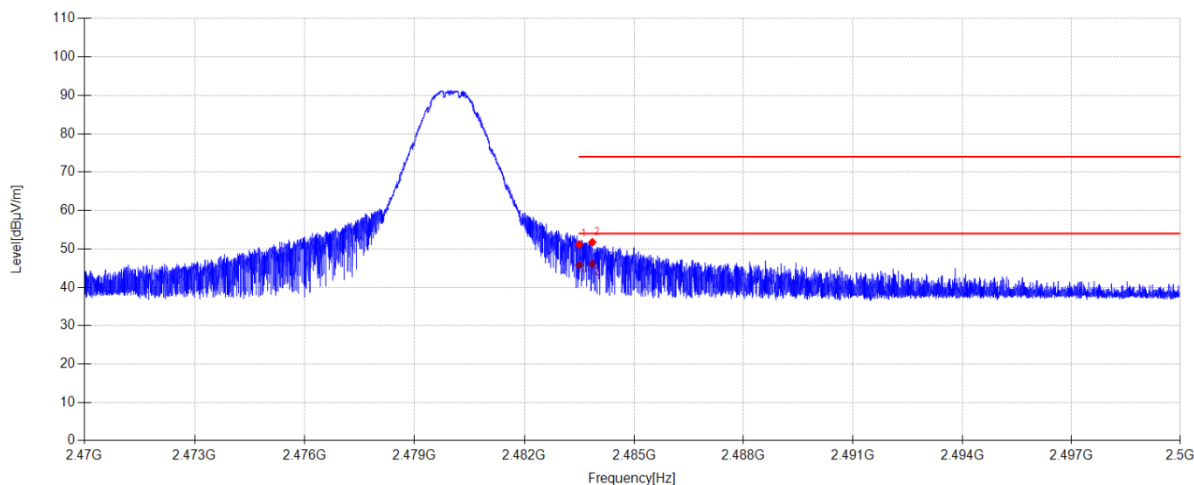
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-03 **Tested By:** Nan Zhong
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:23.4°C;Humi:48.1% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\9
Memo: Sample number: S26011512-002



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	50.90	27.70	-27.44	51.16	74.00	22.84	PK	Horizontal
2	2483.860	51.48	27.70	-27.44	51.74	74.00	22.26	PK	Horizontal

Final Data List

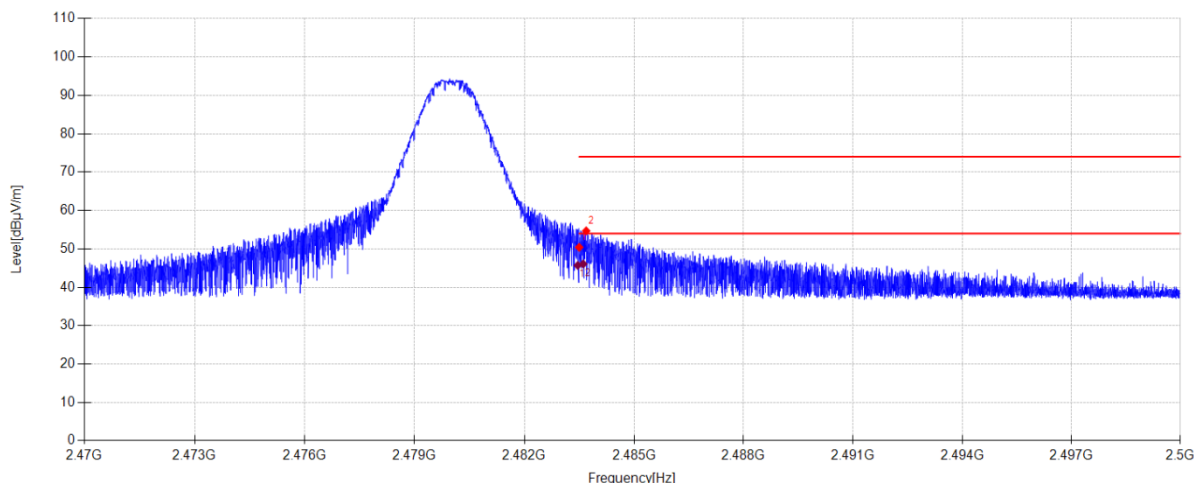
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	45.52	27.70	-27.44	45.78	54.00	8.22	AV	Horizontal
2	2483.860	45.84	27.70	-27.44	46.10	54.00	7.90	AV	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-02-03 **Tested By:** Nan Zhong
Test Mode: TX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:23.4°C;Humi:48.1% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\10
Memo: Sample number: S26011512-002



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	50.16	27.70	-27.44	50.42	74.00	23.58	PK	Vertical
2	2483.692	54.44	27.70	-27.44	54.70	74.00	19.30	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	2483.460	45.45	27.70	-27.44	45.71	54.00	8.29	AV	Vertical
2	2483.611	45.82	27.70	-27.44	46.08	54.00	7.92	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

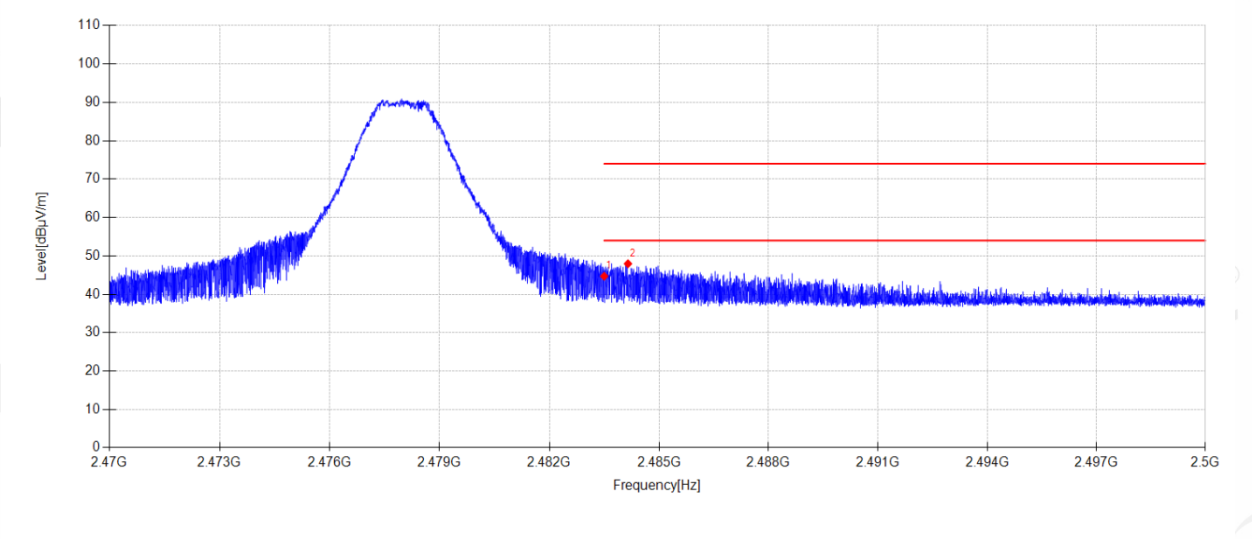
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\11

Memo:

Sample number: S26011512-002



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	44.44	27.70	-27.44	44.70	74.00	29.30	PK	Horizontal
2	2484.151	47.69	27.70	-27.43	47.96	74.00	26.04	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

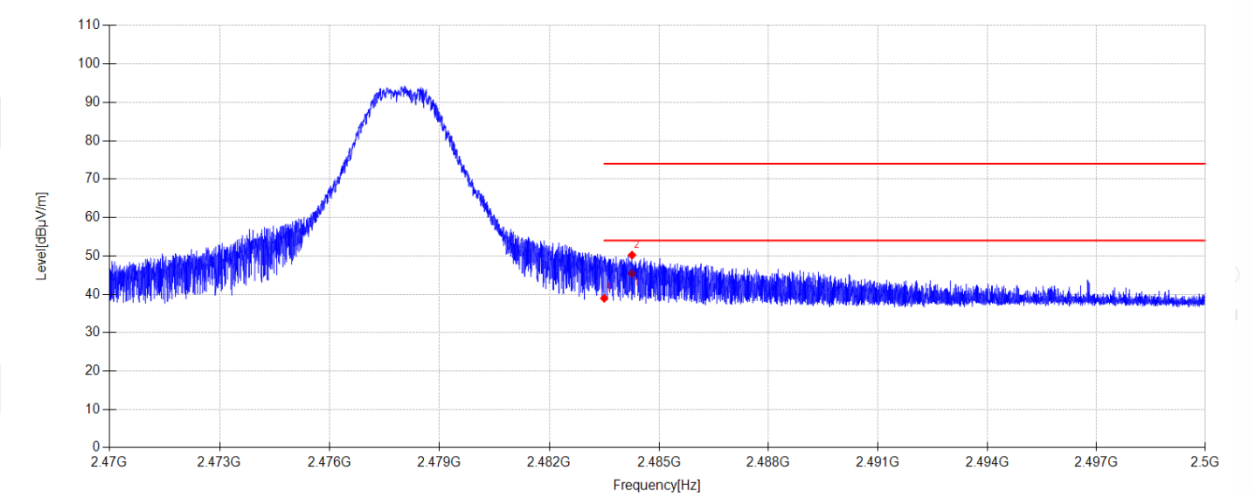
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\12

Memo:

Sample number: S26011512-002



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	38.69	27.70	-27.44	38.95	74.00	35.05	PK	Vertical
2	2484.262	49.94	27.70	-27.43	50.21	74.00	23.79	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	2484.262	45.12	27.70	-27.43	45.39	54.00	8.61	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

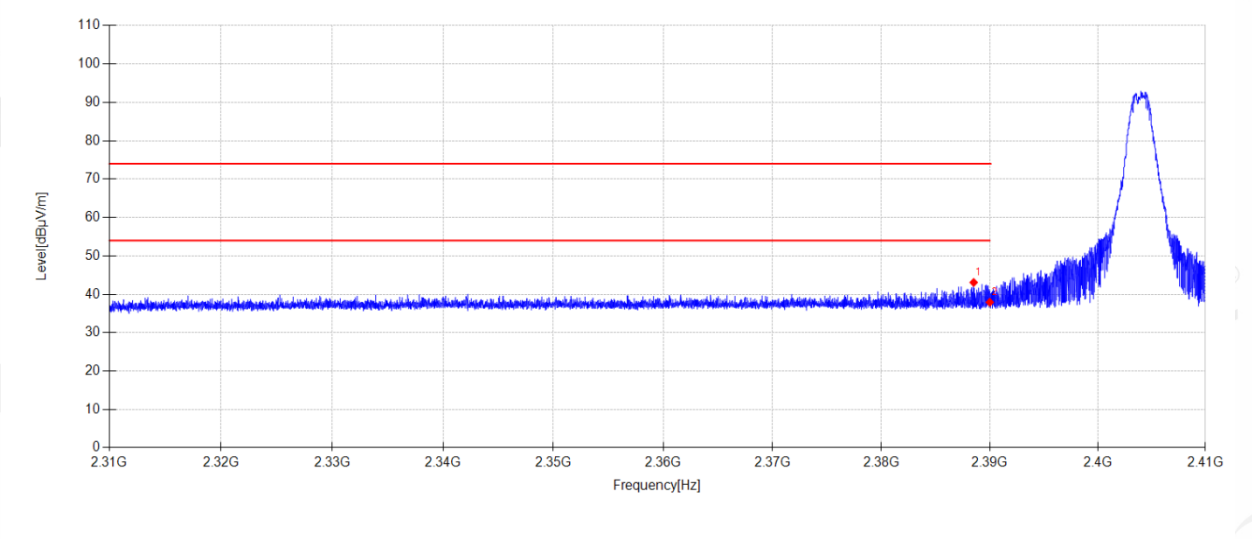
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\19

Memo:

Sample number: S26011512-002



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	2388.510	43.37	27.43	-27.72	43.08	74.00	30.92	PK	Horizontal
2	2390.000	38.21	27.43	-27.71	37.93	74.00	36.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-03

Tested By:

Nan Zhong

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:23.4°C;Humi:48.1%

Test Site:

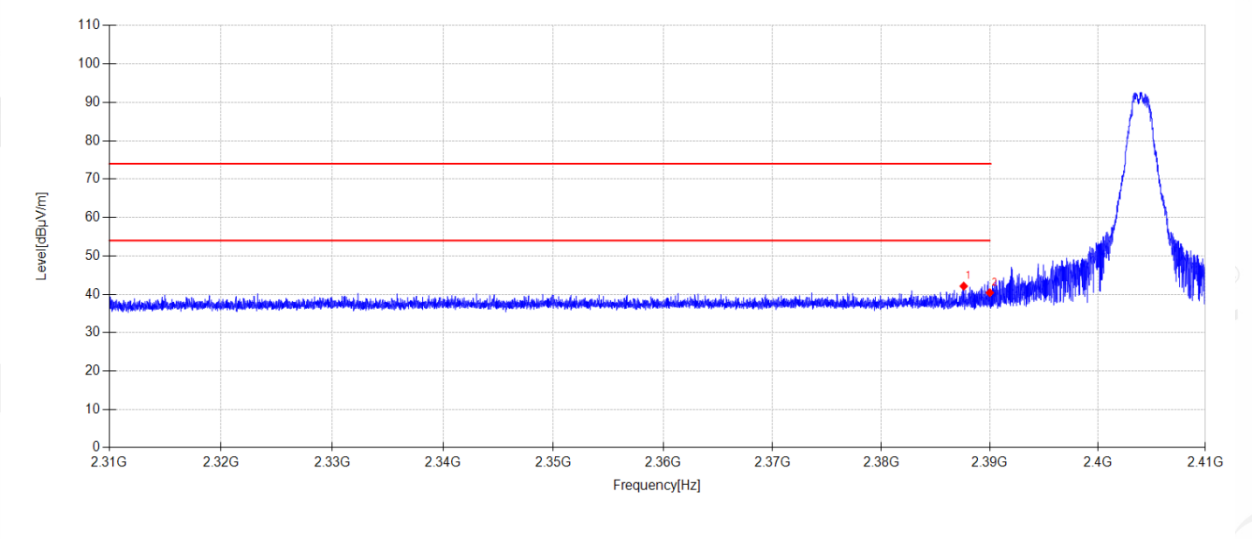
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26011512-1E\FCC ABOVE 1G BLE\20

Memo:

Sample number: S26011512-002



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	2387.590	42.42	27.42	-27.72	42.12	74.00	31.88	PK	Vertical
2	2390.000	40.70	27.43	-27.71	40.42	74.00	33.58	PK	Vertical

Note:

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

15. Photos of the EUT

Please refer to DDT-Q26011512-2E appendix I

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