

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2480MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

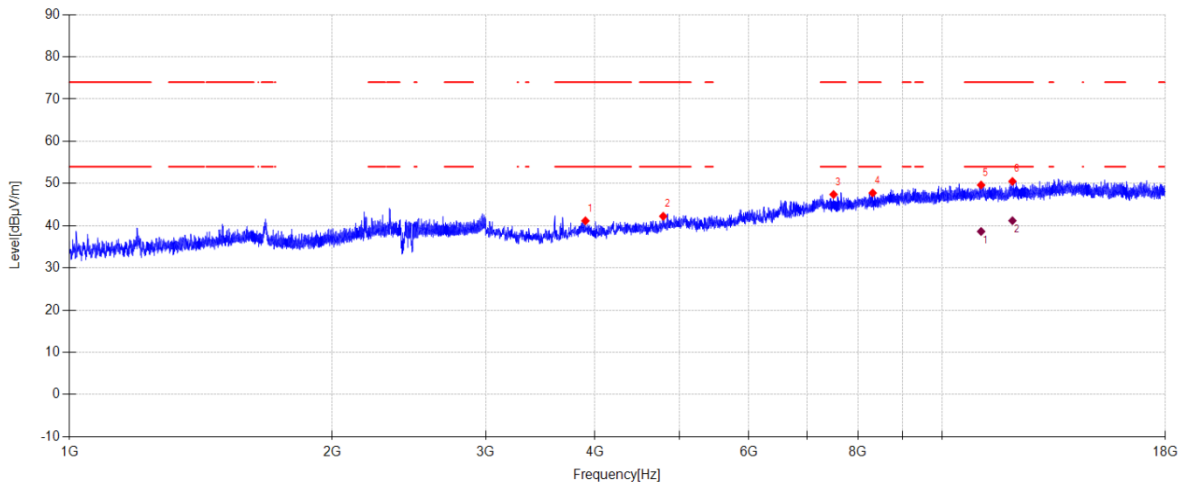
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\39

Memo:

Sample number:S26031810-001



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	3900.000	49.58	31.60	-40.03	41.15	74.00	32.85	PK	Horizontal
2	4788.000	49.55	33.15	-40.46	42.24	74.00	31.76	PK	Horizontal
3	7504.500	49.28	37.10	-38.98	47.40	74.00	26.60	PK	Horizontal
4	8320.500	47.98	38.00	-38.23	47.75	74.00	26.25	PK	Horizontal
5	11073.000	45.21	39.70	-35.27	49.64	74.00	24.36	PK	Horizontal
6	12027.000	45.38	39.83	-34.71	50.50	74.00	23.50	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	11073.000	34.21	39.70	-35.27	38.64	54.00	15.36	AV	Horizontal
2	12027.000	36.07	39.83	-34.71	41.19	54.00	12.81	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2480MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

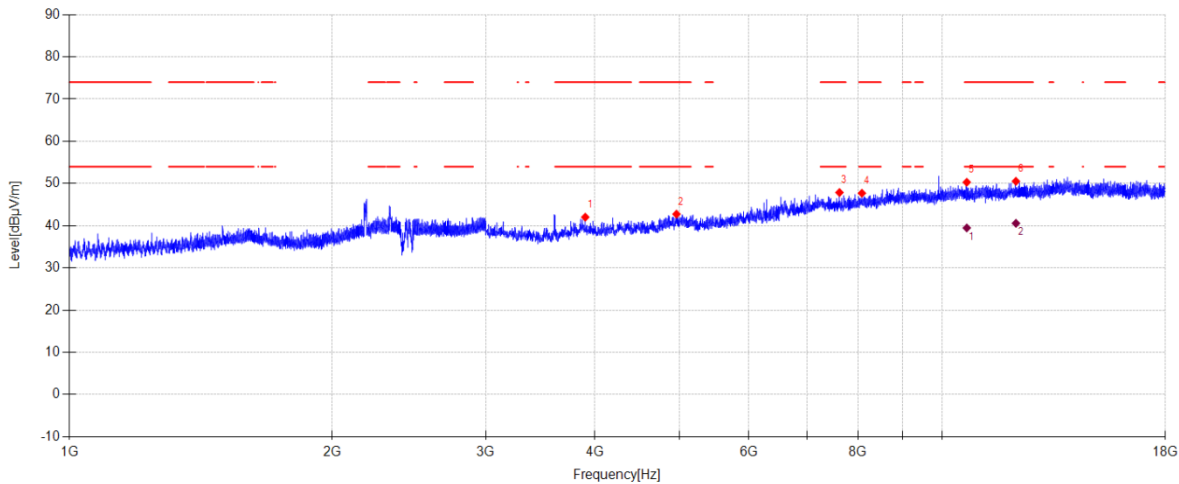
4# Fully Anechoic Room

File Path:

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Memo:

Sample number:S26031810-001



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	3898.500	50.46	31.60	-40.03	42.03	74.00	31.97	PK	Vertical
2	4959.000	49.52	33.74	-40.51	42.75	74.00	31.25	PK	Vertical
3	7621.500	49.43	37.24	-38.80	47.87	74.00	26.13	PK	Vertical
4	8086.500	48.30	37.90	-38.50	47.70	74.00	26.30	PK	Vertical
5	10662.000	46.28	39.92	-35.90	50.30	74.00	23.70	PK	Vertical
6	12138.000	45.57	39.90	-34.94	50.53	74.00	23.47	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	10662.000	35.46	39.92	-35.90	39.48	54.00	14.52	AV	Vertical
2	12138.000	35.61	39.90	-34.94	40.57	54.00	13.43	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2478MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

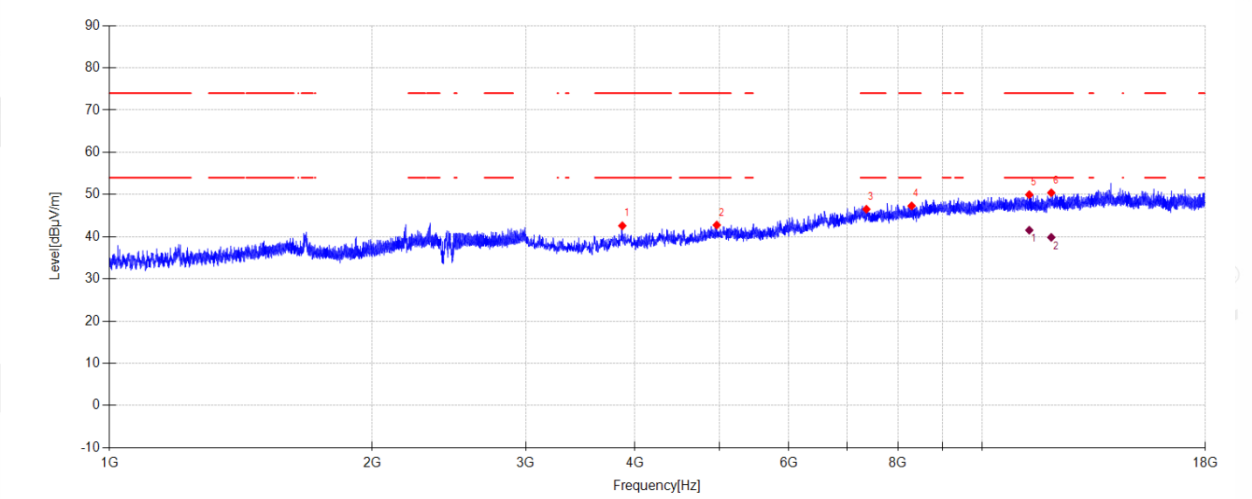
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\41

Memo:

Sample number:S26031810-001



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	3868.500	51.18	31.54	-40.12	42.60	74.00	31.40	PK	Horizontal
2	4962.000	49.53	33.75	-40.52	42.76	74.00	31.24	PK	Horizontal
3	7363.500	48.13	37.35	-38.96	46.52	74.00	27.48	PK	Horizontal
4	8296.500	47.45	37.99	-38.14	47.30	74.00	26.70	PK	Horizontal
5	11314.500	45.39	40.00	-35.44	49.95	74.00	24.05	PK	Horizontal
6	11989.500	45.27	39.78	-34.64	50.41	74.00	23.59	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	11314.500	36.98	40.00	-35.44	41.54	54.00	12.46	AV	Horizontal
2	11989.500	34.71	39.78	-34.64	39.85	54.00	14.15	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2478MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

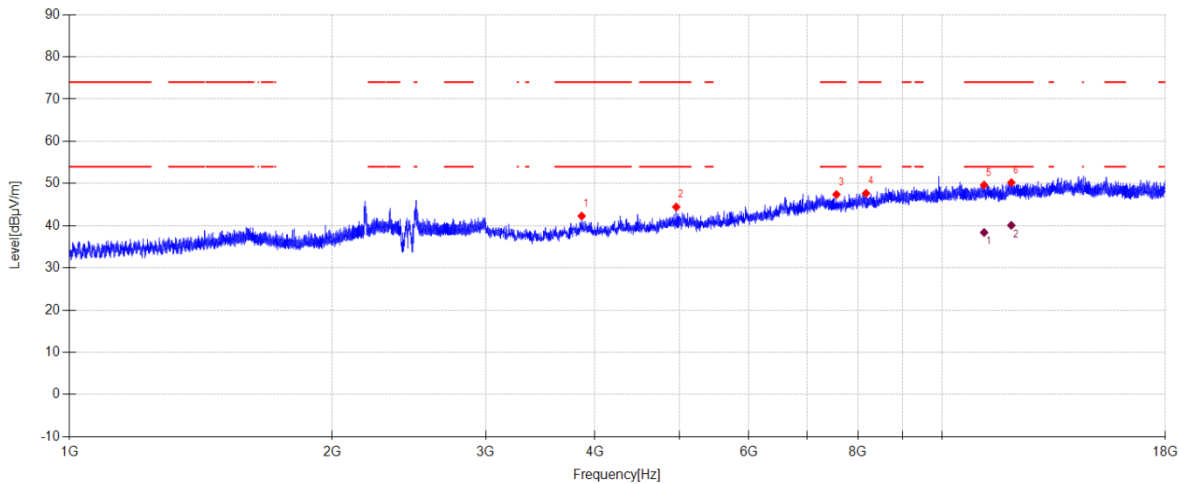
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\42

Memo:

Sample number:S26031810-001



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	3862.500	50.90	31.53	-40.14	42.29	74.00	31.71	PK	Vertical
2	4956.000	51.22	33.72	-40.51	44.43	74.00	29.57	PK	Vertical
3	7561.500	49.15	37.12	-38.87	47.40	74.00	26.60	PK	Vertical
4	8175.000	48.07	37.90	-38.30	47.67	74.00	26.33	PK	Vertical
5	11161.500	45.20	39.82	-35.38	49.64	74.00	24.36	PK	Vertical
6	11991.000	45.06	39.78	-34.63	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	11161.500	33.96	39.82	-35.38	38.40	54.00	15.60	AV	Vertical
2	11991.000	34.94	39.78	-34.63	40.09	54.00	13.91	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2440MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

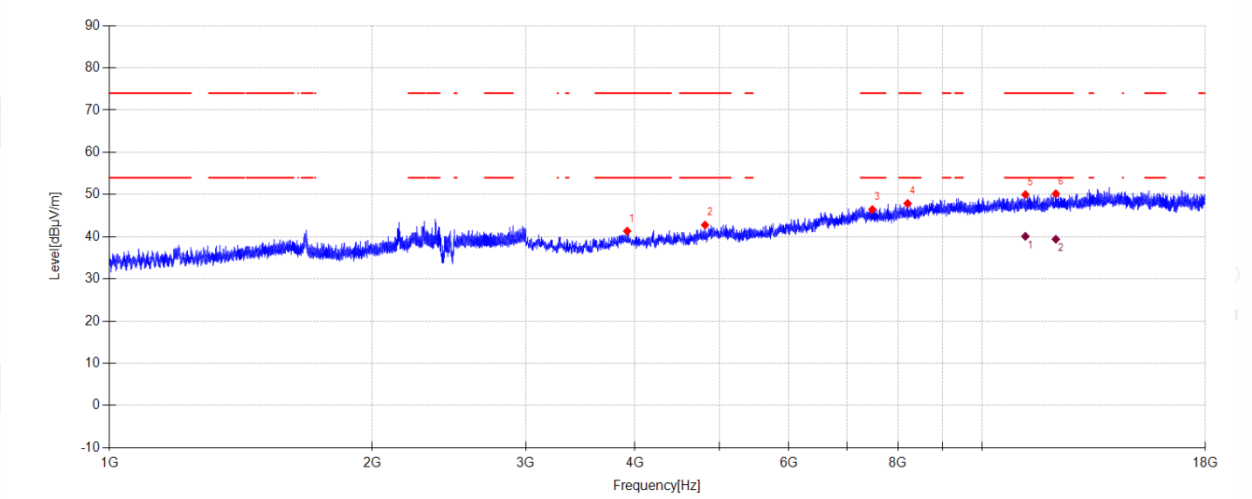
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\43

Memo:

Sample number:S26031810-001



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	3918.000	49.82	31.64	-40.13	41.33	74.00	32.67	PK	Horizontal
2	4812.000	49.96	33.25	-40.42	42.79	74.00	31.21	PK	Horizontal
3	7479.000	48.31	37.10	-38.97	46.44	74.00	27.56	PK	Horizontal
4	8209.500	48.21	37.90	-38.23	47.88	74.00	26.12	PK	Horizontal
5	11199.000	45.49	39.90	-35.42	49.97	74.00	24.03	PK	Horizontal
6	12135.000	45.22	39.90	-34.94	50.18	74.00	23.82	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	11199.000	35.61	39.90	-35.42	40.09	54.00	13.91	AV	Horizontal
2	12135.000	34.44	39.90	-34.94	39.40	54.00	14.60	AV	Horizontal

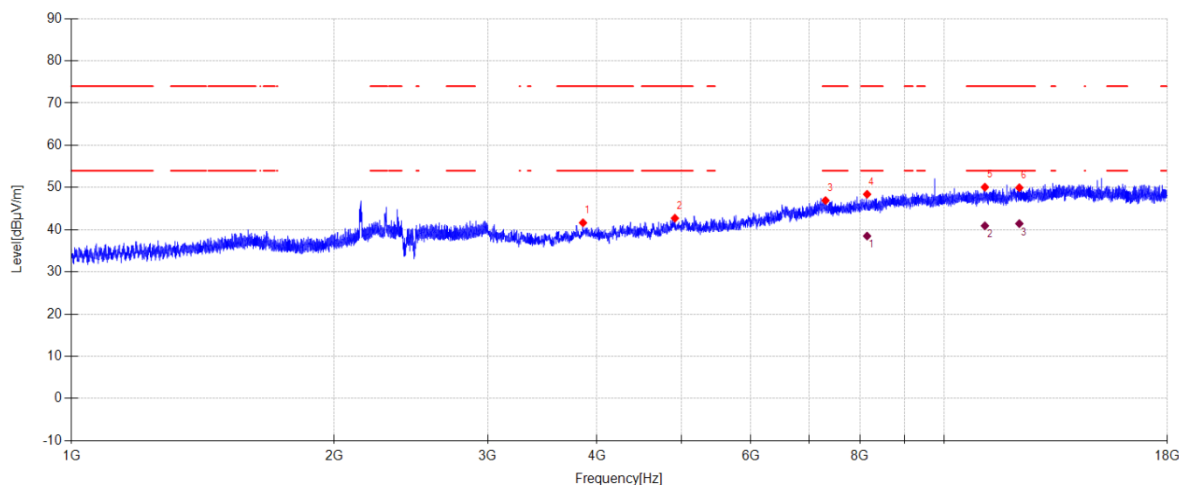
Note:

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: 2026-06-02 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2440MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\44
Memo: Sample number:S26031810-001

**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	3855.000	50.29	31.51	-40.16	41.64	74.00	32.36	PK	Vertical
2	4912.500	49.60	33.55	-40.42	42.73	74.00	31.27	PK	Vertical
3	7308.000	48.36	37.65	-39.09	46.92	74.00	27.08	PK	Vertical
4	8154.000	48.86	37.90	-38.36	48.40	74.00	25.60	PK	Vertical
5	11125.500	45.68	39.75	-35.35	50.08	74.00	23.92	PK	Vertical
6	12183.000	45.01	39.90	-34.96	49.95	74.00	24.05	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	8154.000	38.96	37.90	-38.36	38.50	54.00	15.50	AV	Vertical
2	11125.500	36.53	39.75	-35.35	40.93	54.00	13.07	AV	Vertical
3	12183.000	36.50	39.90	-34.96	41.44	54.00	12.56	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

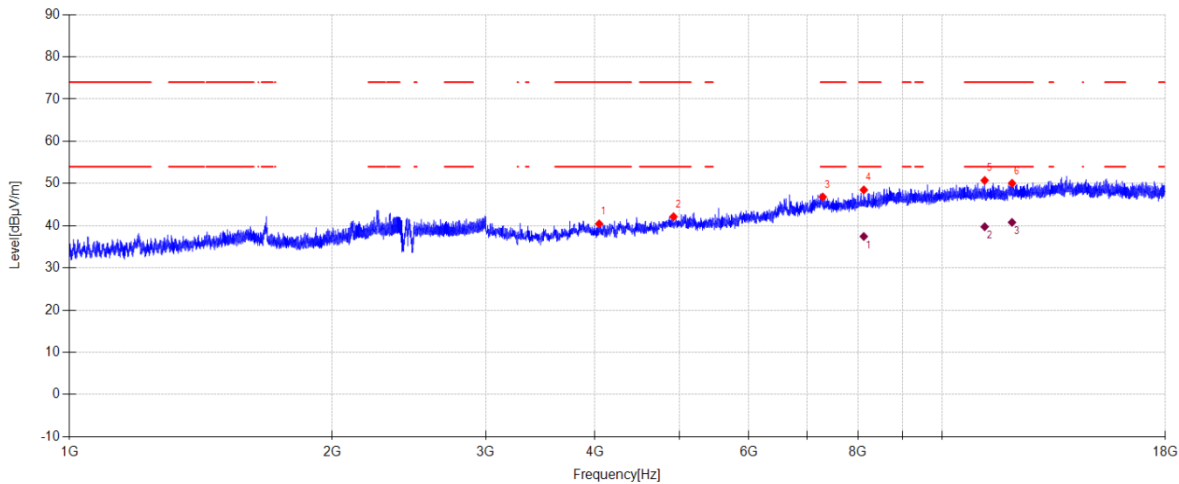
Test Date:2026-06-02Tested By:Nan Zhong

Test Mode:TX GFSK 2M 2404MHz ModePower Supply:AC 120/60Hz

Condition:Temp:26.4°C;Humi:46.5%Test Site:4# Fully Anechoic Room

File Path:d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\45

Memo:Sample number:S26031810-001



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	4044.000	49.33	31.60	-40.48	40.45	74.00	33.55	PK	Horizontal
2	4920.000	48.99	33.58	-40.43	42.14	74.00	31.86	PK	Horizontal
3	7293.000	48.24	37.71	-39.13	46.82	74.00	27.18	PK	Horizontal
4	8127.000	49.01	37.90	-38.42	48.49	74.00	25.51	PK	Horizontal
5	11178.000	46.27	39.86	-35.40	50.73	74.00	23.27	PK	Horizontal
6	12013.500	44.91	39.81	-34.67	50.05	74.00	23.95	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	8127.000	37.97	37.90	-38.42	37.45	54.00	16.55	AV	Horizontal
2	11178.000	35.30	39.86	-35.40	39.76	54.00	14.24	AV	Horizontal
3	12013.500	35.65	39.81	-34.67	40.79	54.00	13.21	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

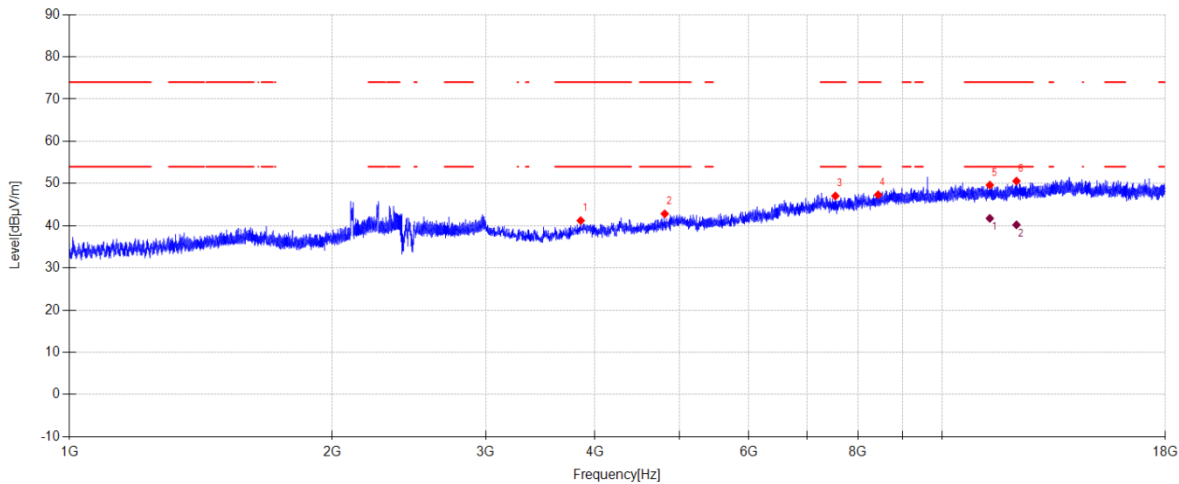
Test Date:2026-06-02Tested By:Nan Zhong

Test Mode:TX GFSK 2M 2404MHz ModePower Supply:AC 120/60Hz

Condition:Temp:26.4°C;Humi:46.5%Test Site:4# Fully Anechoic Room

File Path:d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\46

Memo:Sample number:S26031810-001



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	3852.000	49.88	31.50	-40.17	41.21	74.00	32.79	PK	Vertical
2	4807.500	50.01	33.23	-40.42	42.82	74.00	31.18	PK	Vertical
3	7539.000	48.86	37.10	-38.92	47.04	74.00	26.96	PK	Vertical
4	8440.500	47.43	38.26	-38.36	47.33	74.00	26.67	PK	Vertical
5	11331.000	45.07	40.00	-35.45	49.62	74.00	24.38	PK	Vertical
6	12156.000	45.63	39.90	-34.95	50.58	74.00	23.42	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	11331.000	37.19	40.00	-35.45	41.74	54.00	12.26	AV	Vertical
2	12156.000	35.26	39.90	-34.95	40.21	54.00	13.79	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:

2026-06-03

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2404MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

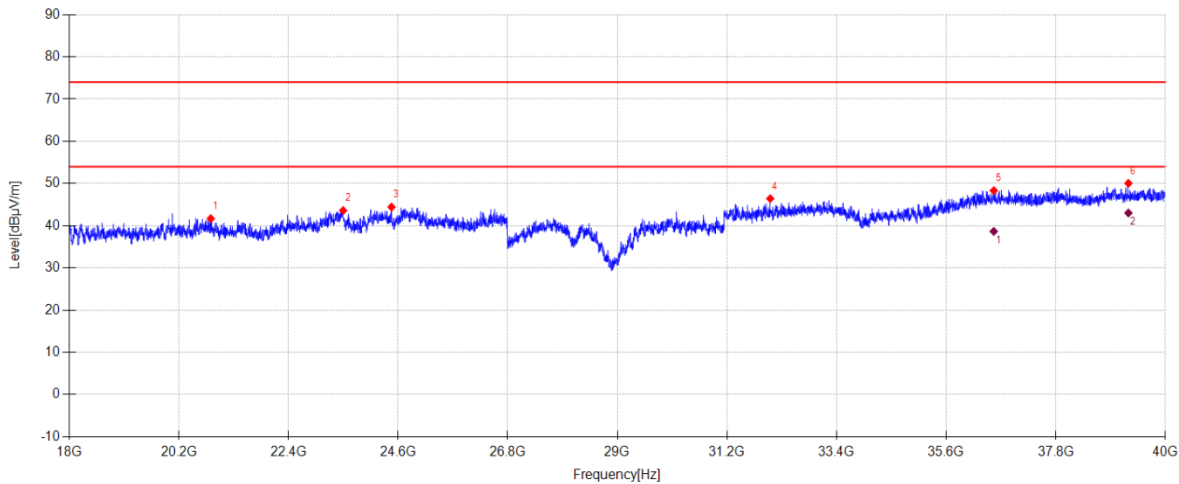
4# Fully Anechoic Room

File Path:

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Memo:

Sample number:S26031810-001



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	20838.970	50.02	38.35	3.72	41.69	74.00	32.31	PK	Horizontal
2	23495.300	50.50	39.20	4.70	43.60	74.00	30.40	PK	Horizontal
3	24467.586	50.46	39.33	4.63	44.42	74.00	29.58	PK	Horizontal
4	32068.612	47.69	41.23	5.34	46.41	74.00	27.59	PK	Horizontal
5	36556.709	48.31	42.86	6.40	48.32	74.00	25.68	PK	Horizontal
6	39258.699	47.65	46.11	6.62	50.05	74.00	23.95	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	36556.709	38.65	42.86	6.40	38.66	54.00	15.34	AV	Horizontal
2	39258.699	40.62	46.11	6.62	43.02	54.00	10.98	AV	Horizontal

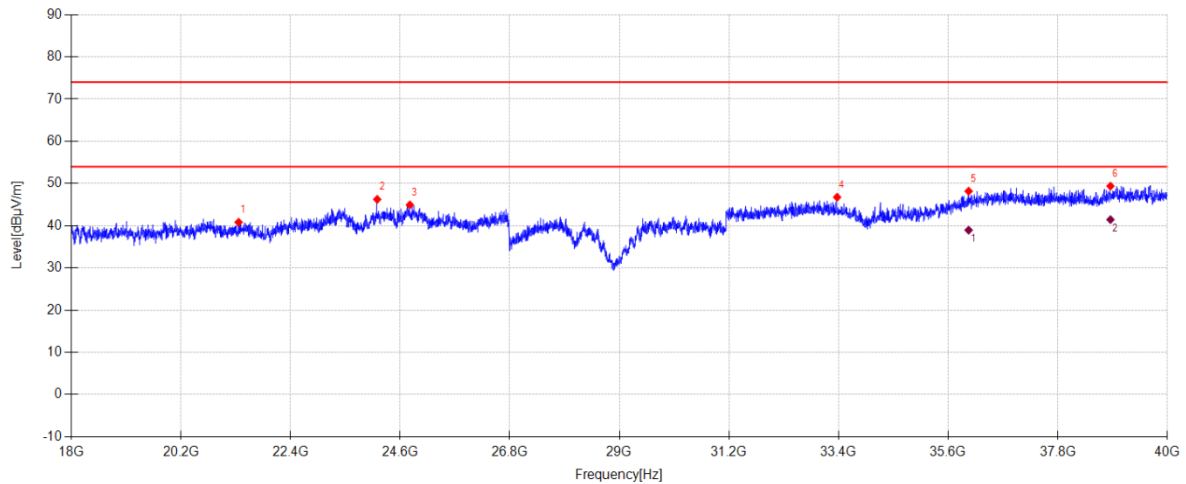
Note:

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2404MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\56
Memo: Sample number:S26031810-001

**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	21357.343	49.34	38.44	3.83	40.82	74.00	33.18	PK	Vertical
2	24139.910	52.66	39.17	4.52	46.25	74.00	27.75	PK	Vertical
3	24795.263	50.64	39.50	4.70	44.94	74.00	29.06	PK	Vertical
4	33371.261	48.12	41.75	5.49	46.75	74.00	27.25	PK	Vertical
5	36011.476	48.78	42.80	5.75	48.19	74.00	25.81	PK	Vertical
6	38858.503	47.21	45.62	6.36	49.38	74.00	24.62	PK	Vertical

Final Data List

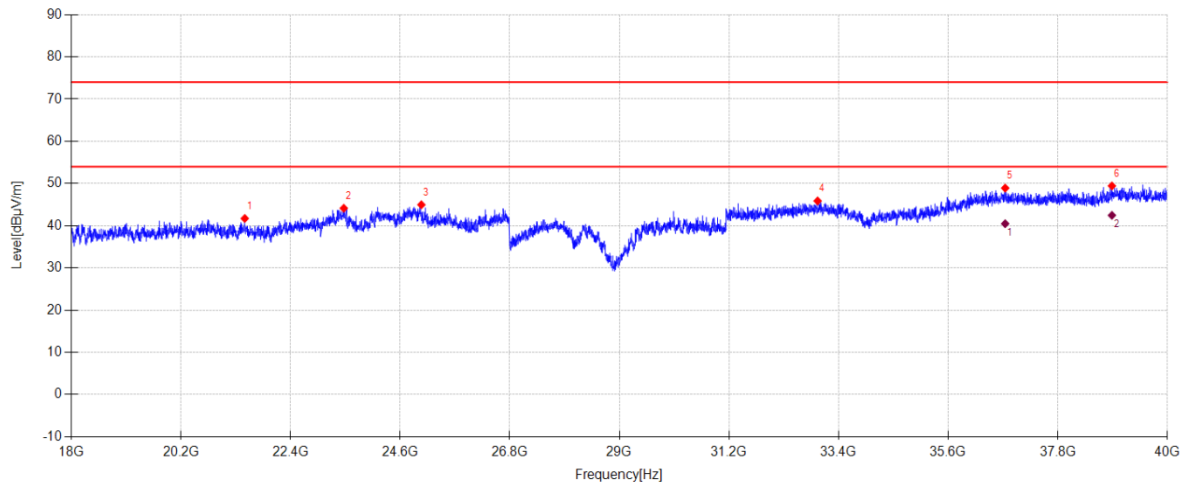
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36011.476	39.54	42.80	5.75	38.95	54.00	15.05	AV	Vertical
2	38858.503	39.27	45.62	6.36	41.44	54.00	12.56	AV	Vertical

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2440MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\57
Memo: Sample number:S26031810-001

**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	21480.894	50.26	38.45	3.89	41.72	74.00	32.28	PK	Horizontal
2	23468.441	51.07	39.21	4.69	44.14	74.00	29.86	PK	Horizontal
3	25026.248	50.47	39.59	4.76	44.97	74.00	29.03	PK	Horizontal
4	32979.123	46.87	41.59	5.35	45.87	74.00	28.13	PK	Horizontal
5	36744.720	49.09	42.87	6.25	48.92	74.00	25.08	PK	Horizontal
6	38888.048	47.18	45.68	6.41	49.43	74.00	24.57	PK	Horizontal

Final Data List

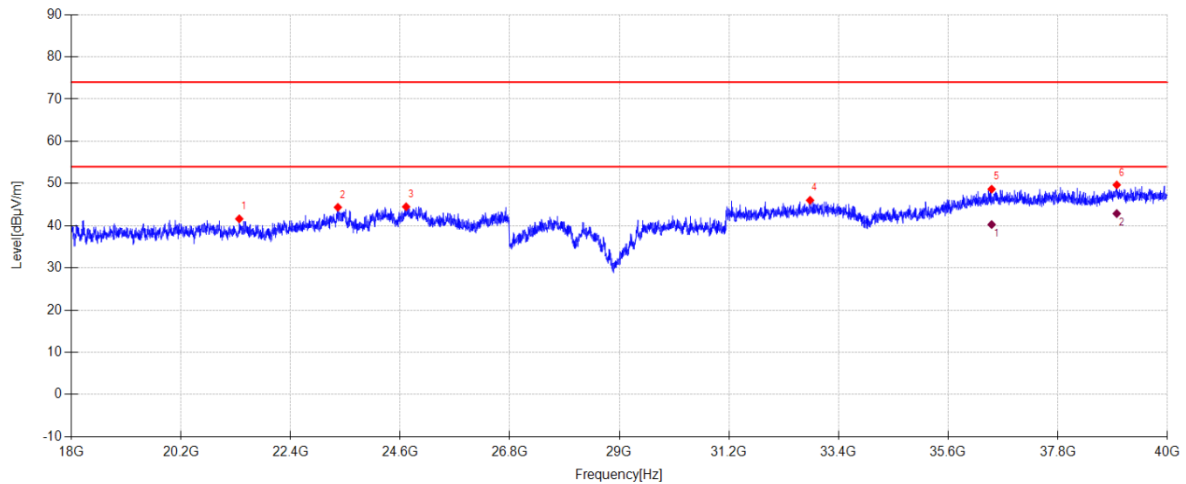
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36744.720	40.65	42.87	6.25	40.48	54.00	13.52	AV	Horizontal
2	38888.048	40.21	45.68	6.41	42.46	54.00	11.54	AV	Horizontal

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2440MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\58
Memo: Sample number:S26031810-001

**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	21370.773	50.15	38.44	3.84	41.63	74.00	32.37	PK	Vertical
2	23350.262	51.47	39.23	4.64	44.36	74.00	29.64	PK	Vertical
3	24720.059	50.26	39.46	4.69	44.49	74.00	29.51	PK	Vertical
4	32828.714	47.13	41.53	5.29	46.03	74.00	27.97	PK	Vertical
5	36473.446	48.64	42.85	6.41	48.67	74.00	25.33	PK	Vertical
6	38984.739	47.15	45.87	6.57	49.66	74.00	24.34	PK	Vertical

Final Data List

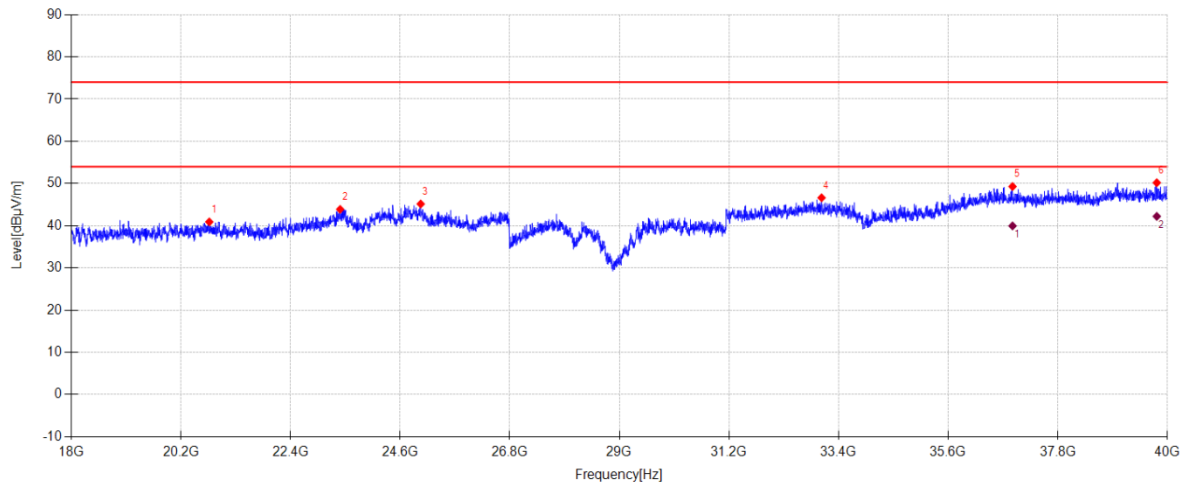
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36473.446	40.25	42.85	6.41	40.28	54.00	13.72	AV	Vertical
2	38984.739	40.36	45.87	6.57	42.87	54.00	11.13	AV	Vertical

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2478MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\59
Memo: Sample number:S26031810-001

**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	20769.137	49.16	38.33	3.75	40.91	74.00	33.09	PK	Horizontal
2	23395.922	50.93	39.22	4.66	43.88	74.00	30.12	PK	Horizontal
3	25012.819	50.65	39.60	4.75	45.16	74.00	28.84	PK	Horizontal
4	33059.700	47.67	41.62	5.38	46.62	74.00	27.38	PK	Horizontal
5	36892.443	49.59	42.89	6.13	49.29	74.00	24.71	PK	Horizontal
6	39787.816	48.34	46.53	6.43	50.18	74.00	23.82	PK	Horizontal

Final Data List

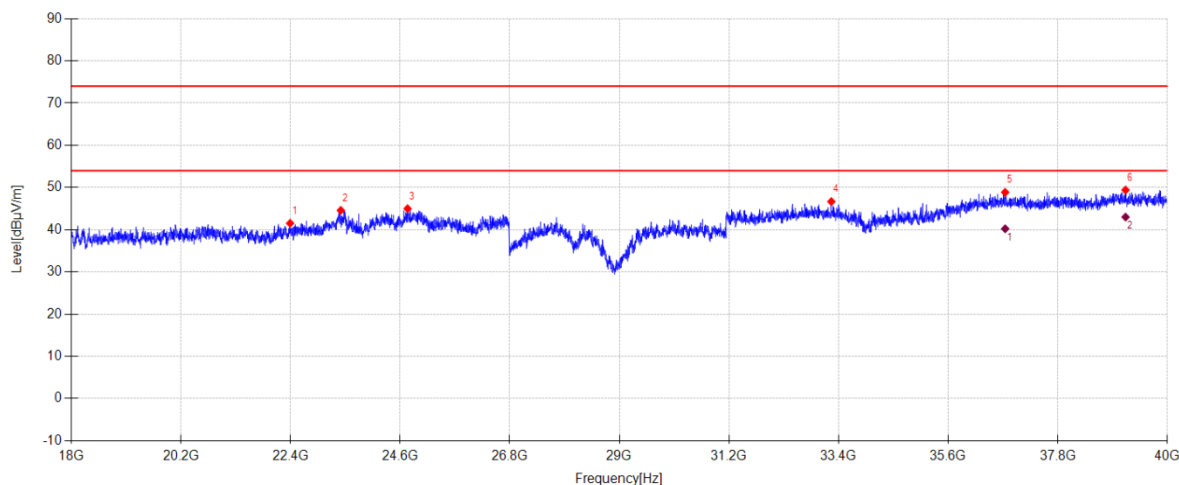
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36892.443	40.25	42.89	6.13	39.95	54.00	14.05	AV	Horizontal
2	39787.816	40.37	46.53	6.43	42.21	54.00	11.79	AV	Horizontal

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 2M 2478MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\60
Memo: Sample number:S26031810-001

**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	22391.405	49.88	38.81	4.16	41.53	74.00	32.47	PK	Vertical
2	23409.352	51.61	39.22	4.67	44.59	74.00	29.41	PK	Vertical
3	24749.603	50.75	39.47	4.69	44.99	74.00	29.01	PK	Vertical
4	33255.769	47.92	41.70	5.45	46.67	74.00	27.33	PK	Vertical
5	36744.720	49.03	42.87	6.25	48.86	74.00	25.14	PK	Vertical
6	39162.007	46.95	46.03	6.61	49.41	74.00	24.59	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	36744.720	40.39	42.87	6.25	40.22	54.00	13.78	AV	Vertical
2	39162.007	40.53	46.03	6.61	42.99	54.00	11.01	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:

2026-06-03

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2480MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

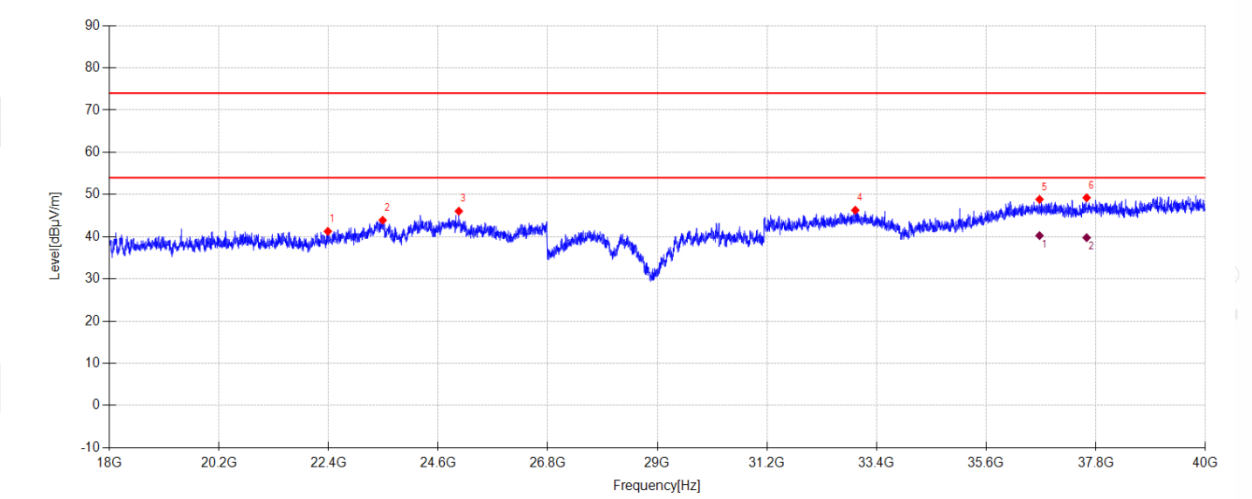
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\61

Memo:

Sample number:S26031810-001



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	22386.033	49.63	38.81	4.16	41.28	74.00	32.72	PK	Horizontal
2	23487.242	50.81	39.20	4.70	43.90	74.00	30.10	PK	Horizontal
3	25015.505	51.54	39.60	4.75	46.05	74.00	27.95	PK	Horizontal
4	32973.752	47.28	41.59	5.35	46.28	74.00	27.72	PK	Horizontal
5	36672.201	48.94	42.87	6.31	48.85	74.00	25.15	PK	Horizontal
6	37617.629	49.67	43.52	5.19	49.23	74.00	24.77	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	36672.201	40.35	42.87	6.31	40.26	54.00	13.74	AV	Horizontal
2	37617.629	40.21	43.52	5.19	39.77	54.00	14.23	AV	Horizontal

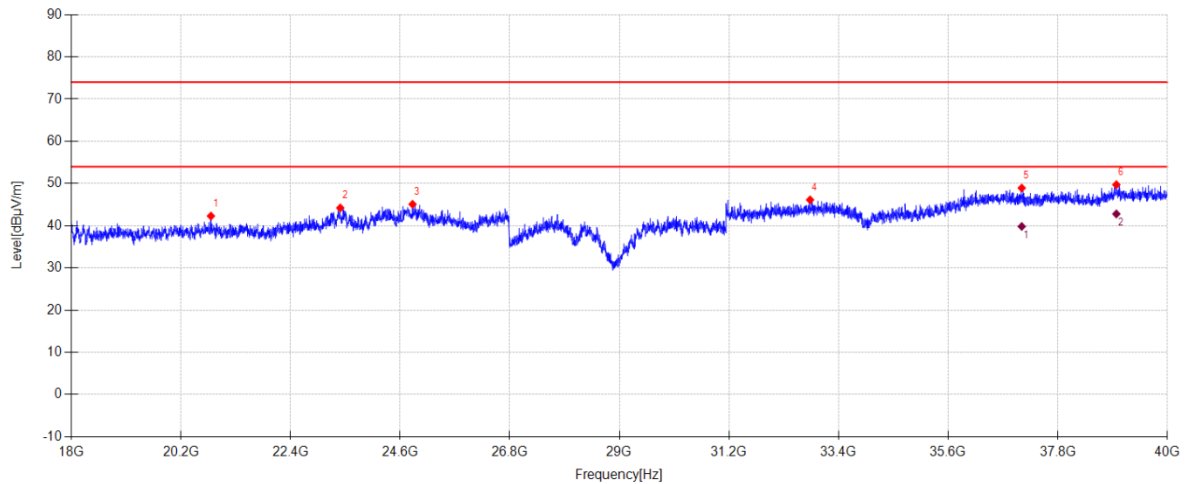
Note:

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 1M 2480MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\62
Memo: Sample number:S26031810-001

**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	20801.367	50.57	38.34	3.74	42.29	74.00	31.71	PK	Vertical
2	23398.608	51.26	39.22	4.66	44.22	74.00	29.78	PK	Vertical
3	24848.981	50.74	39.52	4.72	45.09	74.00	28.91	PK	Vertical
4	32828.714	47.23	41.53	5.29	46.13	74.00	27.87	PK	Vertical
5	37077.768	49.38	42.98	5.89	48.93	74.00	25.07	PK	Vertical
6	38976.682	47.24	45.85	6.55	49.72	74.00	24.28	PK	Vertical

Final Data List

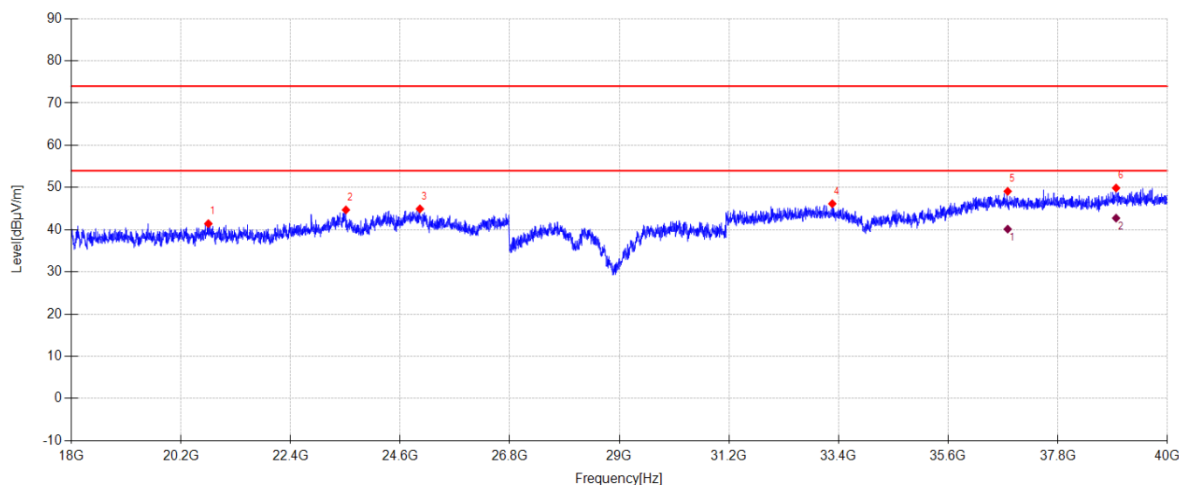
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	37077.768	40.27	42.98	5.89	39.82	54.00	14.18	AV	Vertical
2	38976.682	40.31	45.85	6.55	42.79	54.00	11.21	AV	Vertical

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 1M 2440MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\63
Memo: Sample number:S26031810-001

**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	20750.336	49.66	38.33	3.76	41.43	74.00	32.57	PK	Horizontal
2	23511.415	51.58	39.20	4.69	44.69	74.00	29.31	PK	Horizontal
3	24996.704	50.42	39.60	4.75	44.93	74.00	29.07	PK	Horizontal
4	33274.570	47.42	41.71	5.45	46.15	74.00	27.85	PK	Horizontal
5	36795.751	49.30	42.88	6.21	49.09	74.00	24.91	PK	Horizontal
6	38971.310	47.41	45.84	6.54	49.88	74.00	24.12	PK	Horizontal

Final Data List

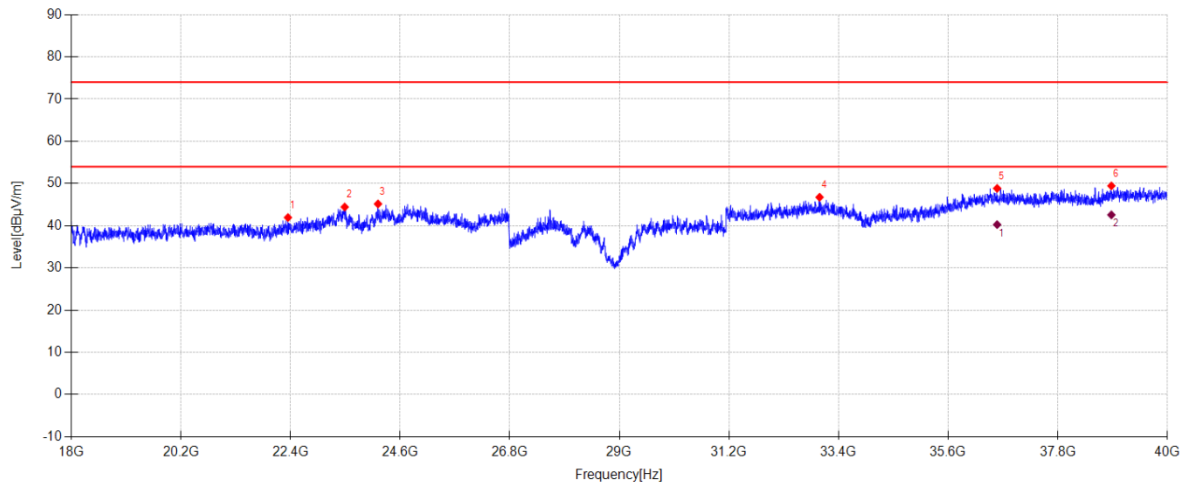
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36795.751	40.35	42.88	6.21	40.14	54.00	13.86	AV	Horizontal
2	38971.310	40.28	45.84	6.54	42.75	54.00	11.25	AV	Horizontal

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 1M 2440MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\64
Memo: Sample number:S26031810-001

**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	22348.431	50.31	38.78	4.16	41.94	74.00	32.06	PK	Vertical
2	23487.242	51.34	39.20	4.70	44.43	74.00	29.57	PK	Vertical
3	24156.025	51.54	39.18	4.53	45.16	74.00	28.84	PK	Vertical
4	33019.412	47.74	41.61	5.37	46.75	74.00	27.25	PK	Vertical
5	36583.567	48.87	42.86	6.38	48.85	74.00	25.15	PK	Vertical
6	38877.304	47.23	45.65	6.39	49.44	74.00	24.56	PK	Vertical

Final Data List

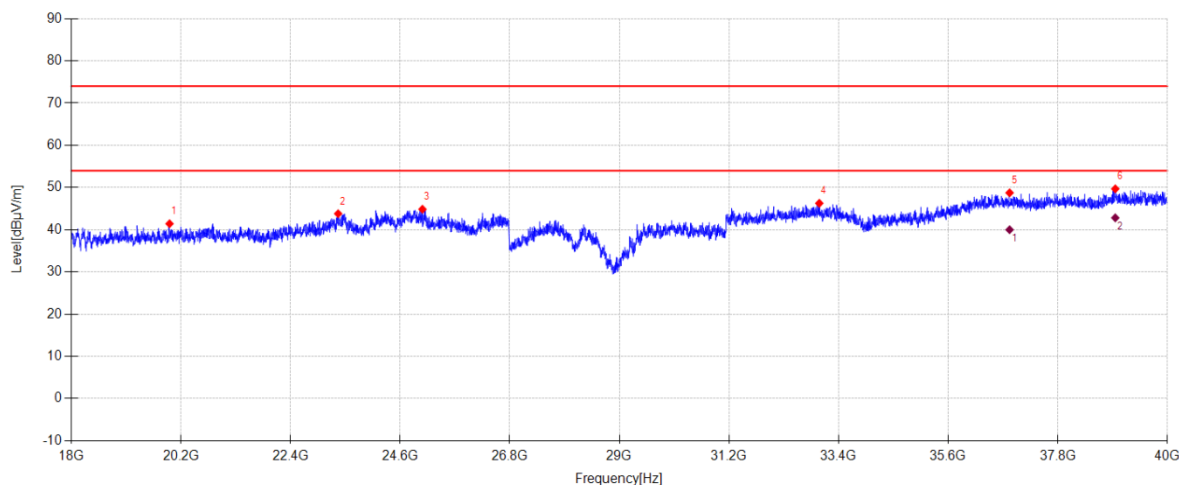
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36583.567	40.28	42.86	6.38	40.26	54.00	13.74	AV	Vertical
2	38877.304	40.36	45.65	6.39	42.57	54.00	11.43	AV	Vertical

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 1M 2402MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\65
Memo: Sample number:S26031810-001

**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	19971.432	49.24	38.10	3.71	41.42	74.00	32.58	PK	Horizontal
2	23355.634	50.89	39.23	4.65	43.79	74.00	30.21	PK	Horizontal
3	25047.735	50.35	39.59	4.76	44.85	74.00	29.15	PK	Horizontal
4	33014.040	47.26	41.61	5.36	46.26	74.00	27.74	PK	Horizontal
5	36833.354	48.99	42.88	6.18	48.74	74.00	25.26	PK	Horizontal
6	38955.195	47.25	45.81	6.52	49.68	74.00	24.32	PK	Horizontal

Final Data List

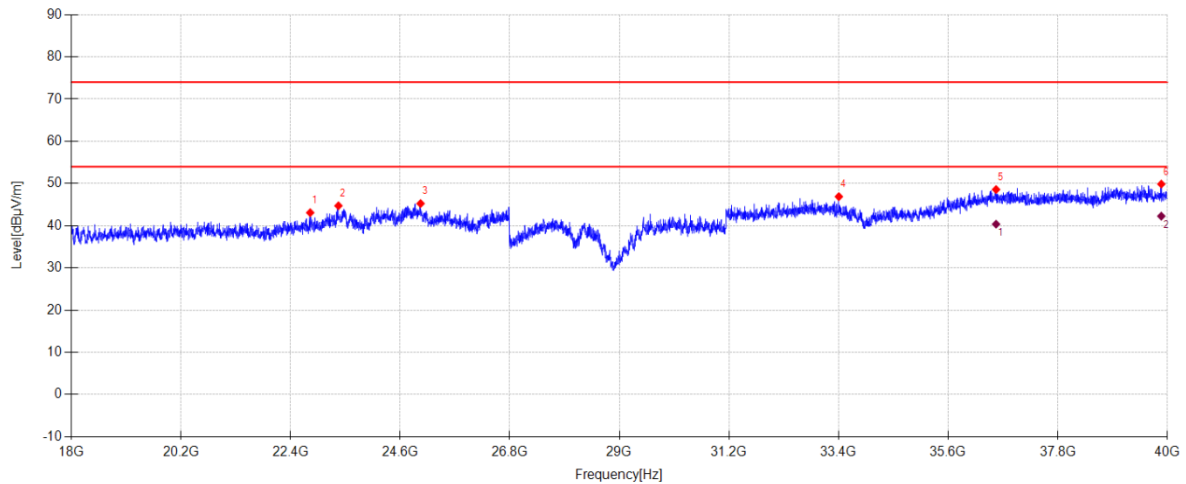
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36833.354	40.25	42.88	6.18	40.00	54.00	14.00	AV	Horizontal
2	38955.195	40.39	45.81	6.52	42.82	54.00	11.18	AV	Horizontal

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: 2026-06-03 **Tested By:** Nan Zhong
Test Mode: TX GFSK 1M 2402MHz Mode **Power Supply:** AC 120/60Hz
Condition: Temp:26.4°C;Humi:46.5% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\66
Memo: Sample number:S26031810-001



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	22794.286	50.99	39.14	4.36	43.09	74.00	30.91	PK	Vertical
2	23361.006	51.82	39.23	4.65	44.73	74.00	29.27	PK	Vertical
3	25010.133	50.74	39.60	4.75	45.25	74.00	28.75	PK	Vertical
4	33406.178	48.30	41.76	5.50	46.89	74.00	27.11	PK	Vertical
5	36562.080	48.56	42.86	6.40	48.57	74.00	25.43	PK	Vertical
6	39879.136	48.16	46.60	6.36	49.86	74.00	24.14	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	36562.080	40.36	42.86	6.40	40.37	54.00	13.63	AV	Vertical
2	39879.136	40.57	46.60	6.36	42.27	54.00	11.73	AV	Vertical

Note:

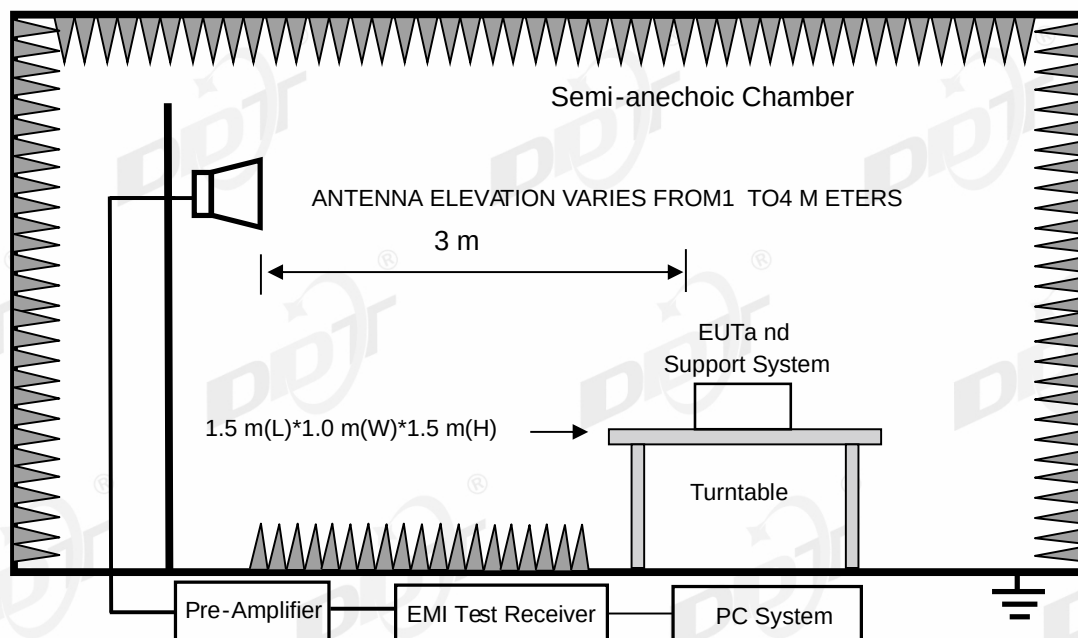
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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	2026/07/04
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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2404MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

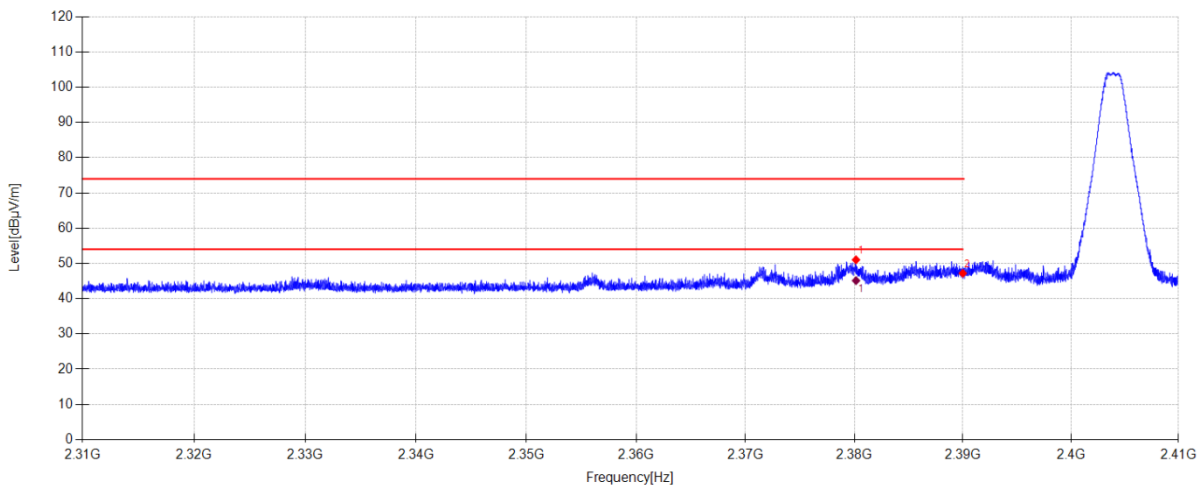
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\47

Memo:

Sample number:S26031810-001



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	2380.150	51.52	28.16	-28.66	51.02	74.00	22.98	PK	Horizontal
2	2390.000	47.64	28.18	-28.63	47.19	74.00	26.81	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	2380.150	45.61	28.16	-28.66	45.11	54.00	8.89	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2404MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

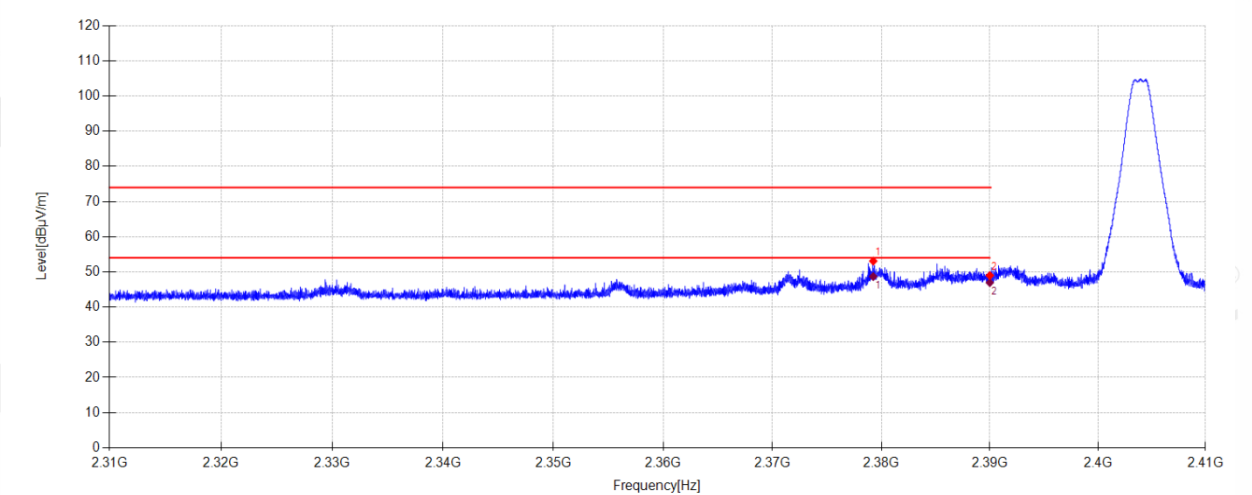
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\48

Memo:

Sample number:S26031810-001



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	2379.250	53.56	28.16	-28.66	53.06	74.00	20.94	PK	Vertical
2	2390.000	49.44	28.18	-28.63	48.99	74.00	25.01	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	2379.250	49.18	28.16	-28.66	48.68	54.00	5.32	AV	Vertical
2	2390.000	47.38	28.18	-28.63	46.93	54.00	7.07	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2478MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

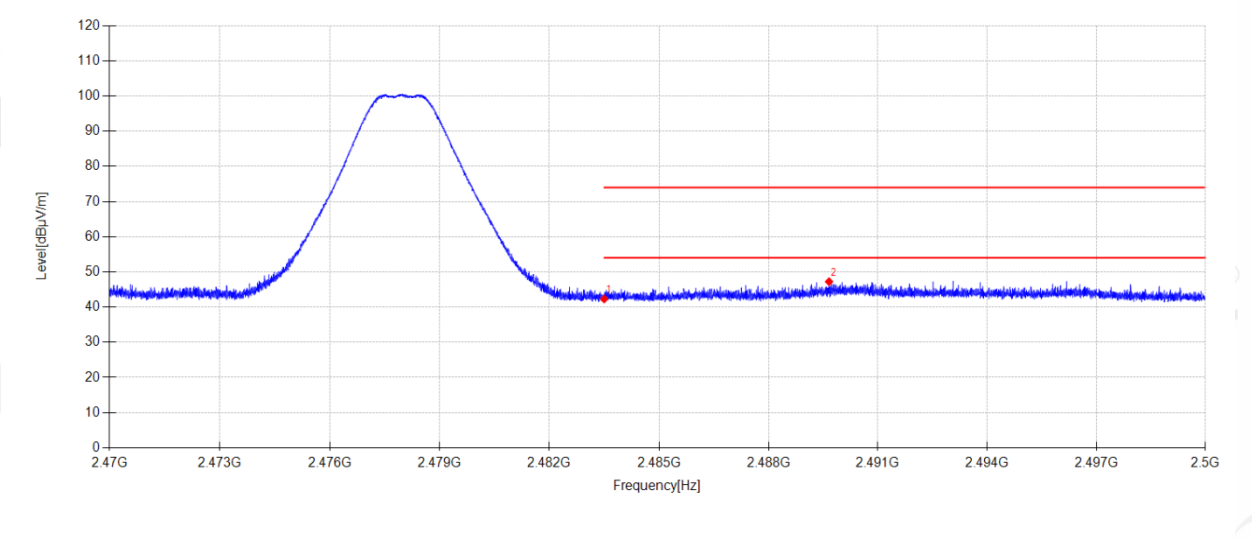
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\49

Memo:

Sample number:S26031810-001



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	42.42	28.60	-28.72	42.30	74.00	31.70	PK	Horizontal
2	2489.659	47.31	28.64	-28.73	47.22	74.00	26.78	PK	Horizontal

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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 2M 2478MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

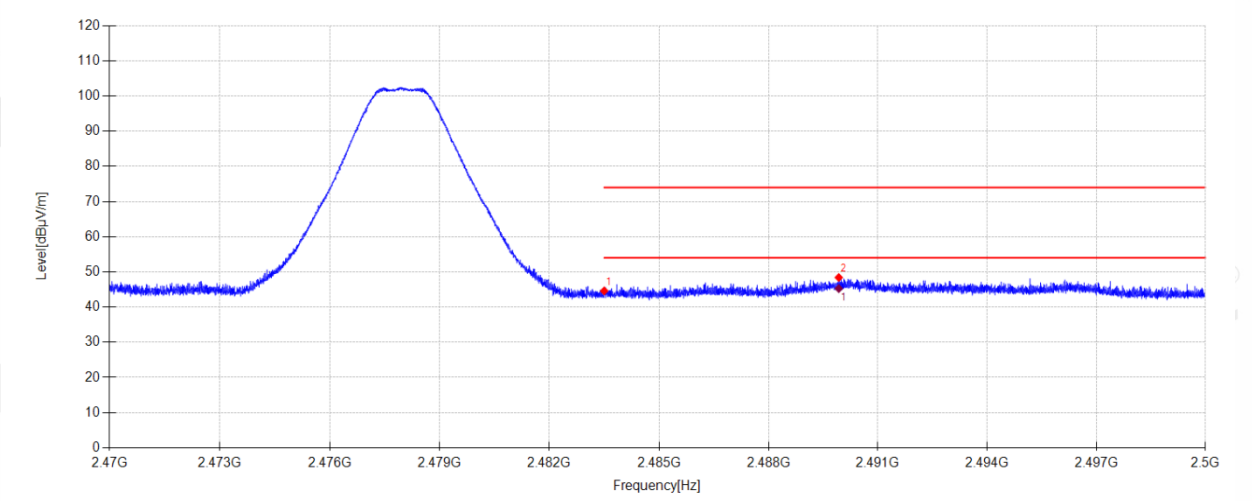
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\50

Memo:

Sample number:S26031810-001



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	44.73	28.60	-28.72	44.61	74.00	29.39	PK	Vertical
2	2489.926	48.50	28.64	-28.73	48.41	74.00	25.59	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	2489.926	45.35	28.64	-28.73	45.26	54.00	8.74	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2480MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

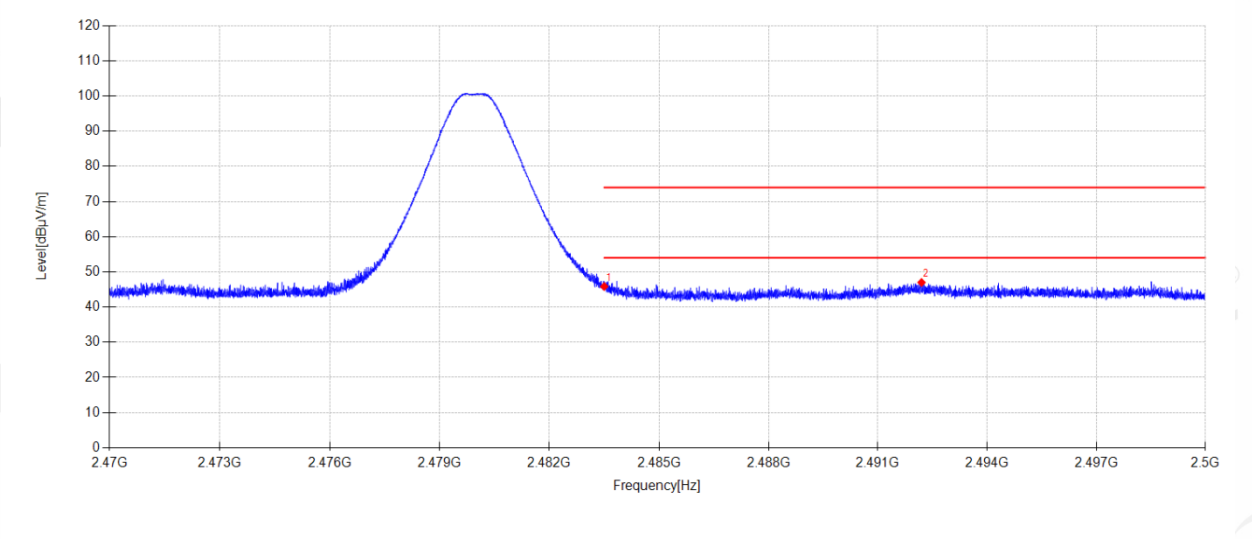
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\51

Memo:

Sample number:S26031810-001



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	45.97	28.60	-28.72	45.85	74.00	28.15	PK	Horizontal
2	2492.197	47.08	28.65	-28.73	47.00	74.00	27.00	PK	Horizontal

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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2480MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

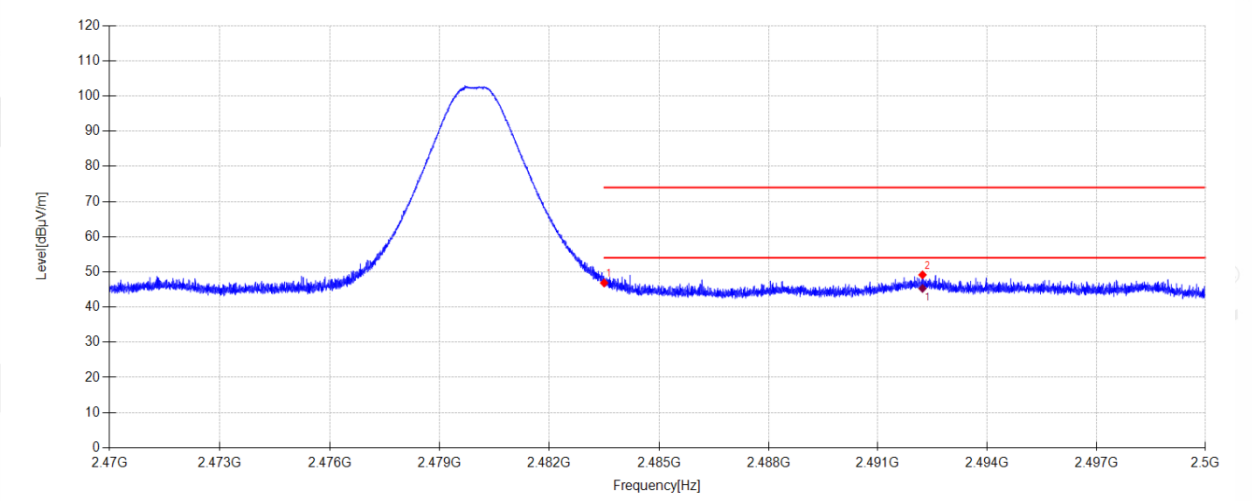
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\52

Memo:

Sample number:S26031810-001



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	46.98	28.60	-28.72	46.86	74.00	27.14	PK	Vertical
2	2492.224	49.24	28.65	-28.73	49.16	74.00	24.84	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	2492.224	45.38	28.65	-28.73	45.30	54.00	8.70	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2402MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

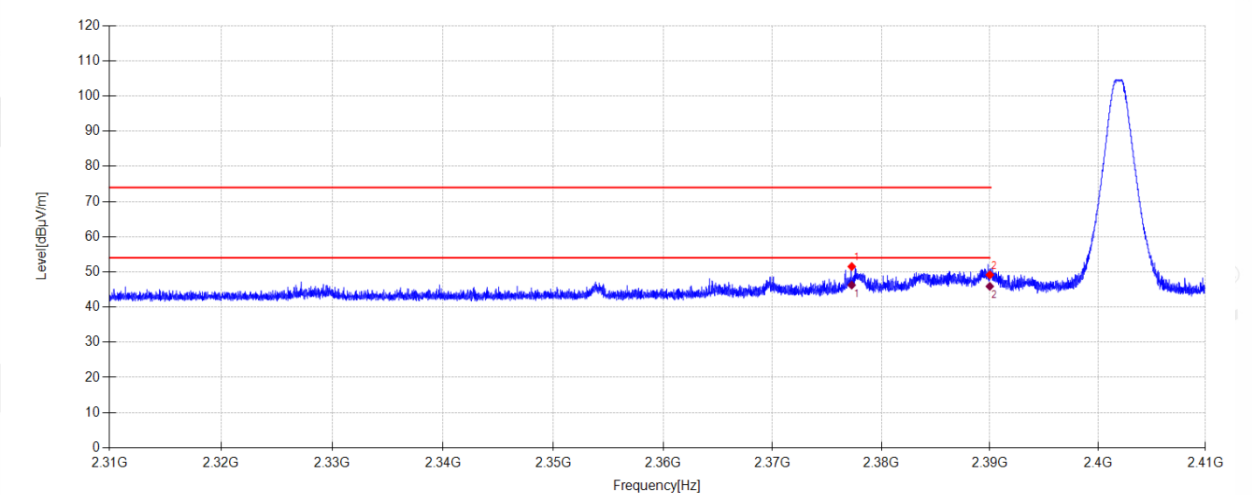
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\53

Memo:

Sample number:S26031810-001



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	2377.270	52.03	28.15	-28.66	51.52	74.00	22.48	PK	Horizontal
2	2390.000	49.62	28.18	-28.63	49.17	74.00	24.83	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	2377.270	46.76	28.15	-28.66	46.25	54.00	7.75	AV	Horizontal
2	2390.000	46.34	28.18	-28.63	45.89	54.00	8.11	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:

2026-06-02

Tested By:

Nan Zhong

Test Mode:

TX GFSK 1M 2402MHz Mode

Power Supply:

AC 120/60Hz

Condition:

Temp:26.4°C;Humi:46.5%

Test Site:

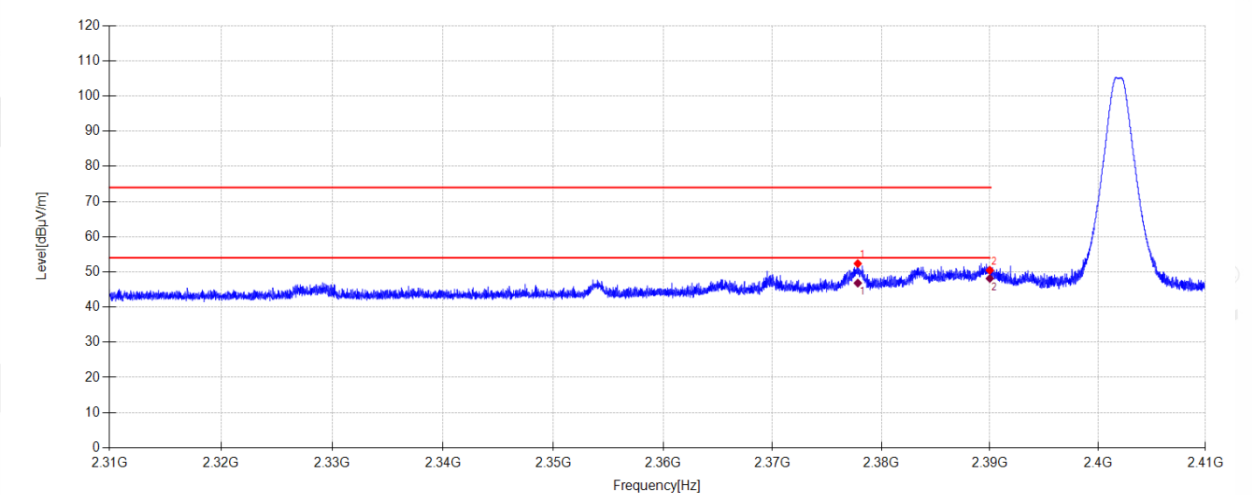
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26031810-4E\FCC ABOVE 1G BLE\54

Memo:

Sample number:S26031810-001



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	2377.830	52.86	28.16	-28.66	52.36	74.00	21.64	PK	Vertical
2	2390.000	50.91	28.18	-28.63	50.46	74.00	23.54	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	2377.830	47.31	28.16	-28.66	46.81	54.00	7.19	AV	Vertical
2	2390.000	48.57	28.18	-28.63	48.12	54.00	5.88	AV	Vertical

Note:

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

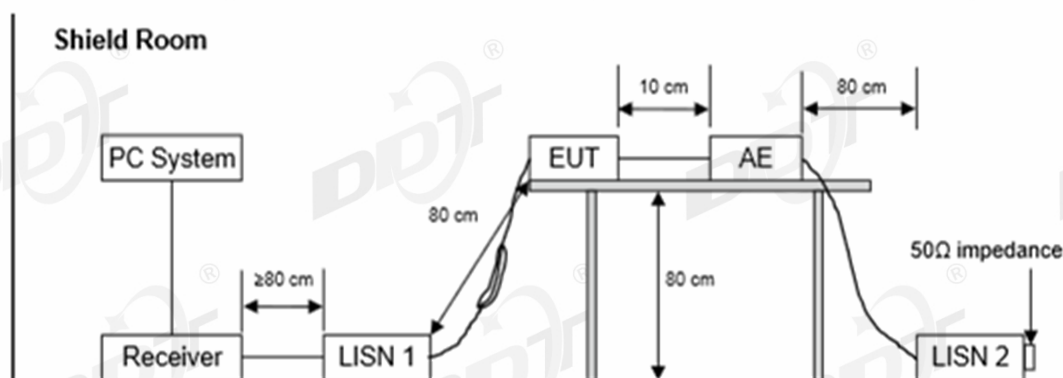
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2027/02/27
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2027/06/14
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2027/02/27
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2027/02/27
Conducted Radiated Software	Audix	e3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2027/06/10

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

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

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “----” means Average detection.

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26031810-4E\0604 CE.EM6

Test Date : 2026-06-04

Tested By : Li Xiongbín

Power Supply : AC 120V/60Hz

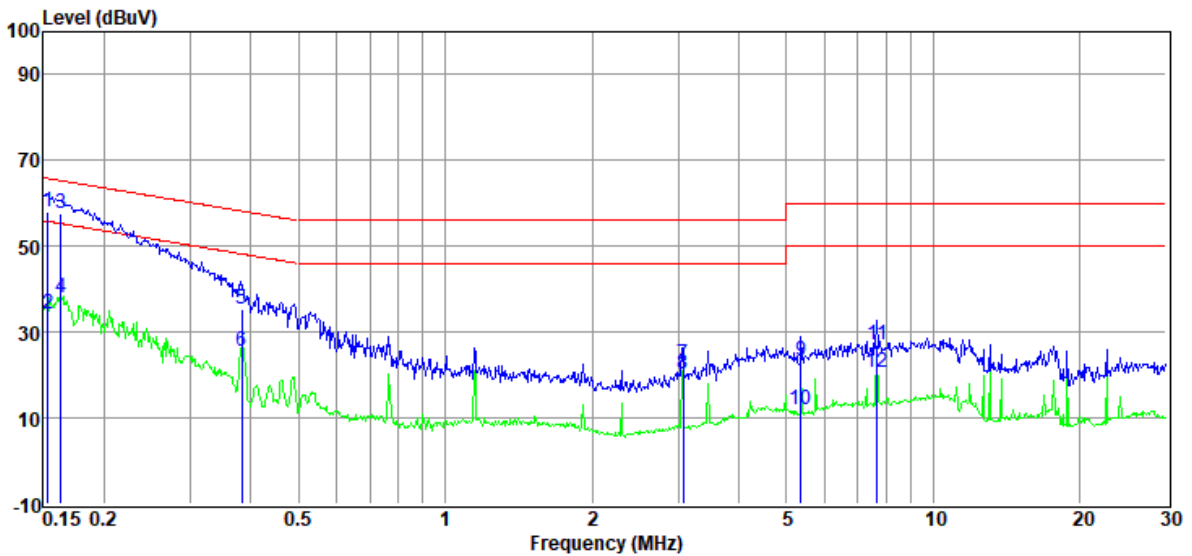
Test Mode : GFSK 2M 2404MHz TX Mode

Condition : TEMP:26.1°C, RH:65.4%

LISN : 2025 1# 216/LINE

Memo : S26031810-001

Data: 10



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	38.31	9.85	0.05	9.89	58.10	65.82	7.72	QP	LINE
2	0.15	14.37	9.85	0.05	9.89	34.16	55.82	21.66	Average	LINE
3	0.16	38.02	9.84	0.05	9.89	57.80	65.30	7.50	QP	LINE
4	0.16	18.17	9.84	0.05	9.89	37.95	55.30	17.35	Average	LINE
5	0.38	15.70	9.68	0.07	9.89	35.34	58.21	22.87	QP	LINE
6	0.38	5.97	9.68	0.07	9.89	25.61	48.21	22.60	Average	LINE
7	3.07	2.64	9.92	0.18	9.88	22.62	56.00	33.38	QP	LINE
8	3.07	0.22	9.92	0.18	9.88	20.20	46.00	25.80	Average	LINE
9	5.36	3.18	9.96	0.20	9.86	23.20	60.00	36.80	QP	LINE
10	5.36	-8.15	9.96	0.20	9.86	11.87	50.00	38.13	Average	LINE
11	7.69	7.04	9.99	0.23	9.84	27.10	60.00	32.90	QP	LINE
12	7.69	0.70	9.99	0.23	9.84	20.76	50.00	29.24	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\Q26031810-4E\0604 CE.EM6

Test Date : 2026-06-04

Tested By : Li Xiongbín

Power Supply : AC 120V/60Hz

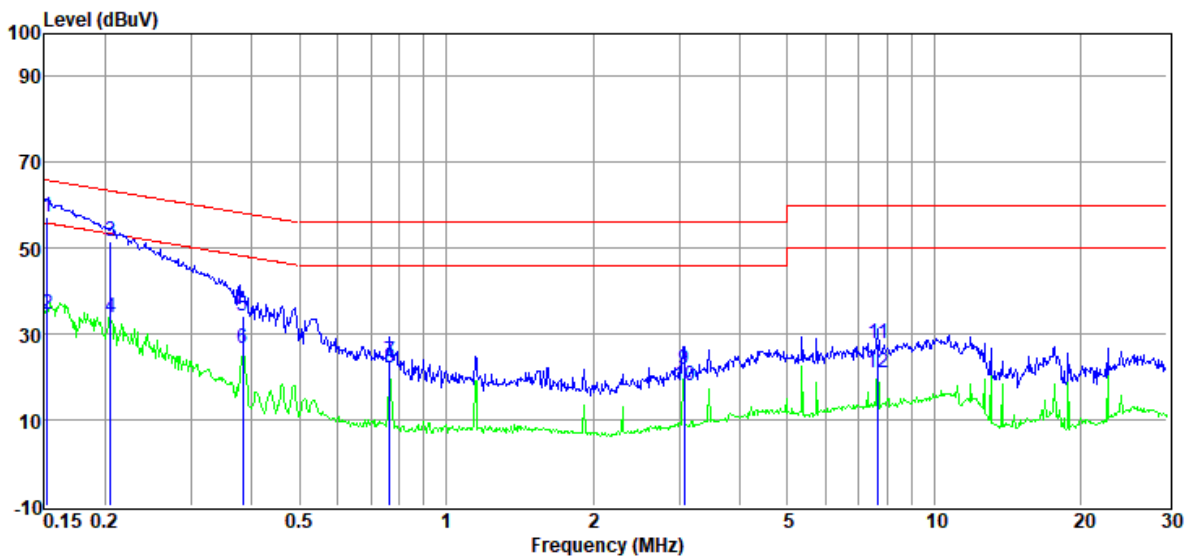
Test Mode : GFSK 2M 2404MHz TX Mode

Condition : TEMP:26.1°C, RH:65.4%

LISN : 2025 1# 216/NEUTRAL

Memo : S26031810-001

Data: 12



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	37.59	9.76	0.05	9.89	57.29	65.87	8.58	QP	NEUTRAL
2	0.15	14.79	9.76	0.05	9.89	34.49	55.87	21.38	Average	NEUTRAL
3	0.21	31.86	9.83	0.06	9.89	51.64	63.40	11.76	QP	NEUTRAL
4	0.21	14.13	9.83	0.06	9.89	33.91	53.40	19.49	Average	NEUTRAL
5	0.38	14.58	9.84	0.07	9.89	34.38	58.21	23.83	QP	NEUTRAL
6	0.38	6.88	9.84	0.07	9.89	26.68	48.21	21.53	Average	NEUTRAL
7	0.77	3.72	9.84	0.13	9.90	23.59	56.00	32.41	QP	NEUTRAL
8	0.77	2.27	9.84	0.13	9.90	22.14	46.00	23.86	Average	NEUTRAL
9	3.07	2.03	9.83	0.18	9.88	21.92	56.00	34.08	QP	NEUTRAL
10	3.07	-1.77	9.83	0.18	9.88	18.12	46.00	27.88	Average	NEUTRAL
11	7.69	7.69	9.94	0.23	9.84	27.70	60.00	32.30	QP	NEUTRAL
12	7.69	1.11	9.94	0.23	9.84	21.12	50.00	28.88	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\Q26031810-4E\0604 CE.EM6

Test Date : 2026-06-04

Tested By : Li Xiongbín

Power Supply : AC 120V/60Hz

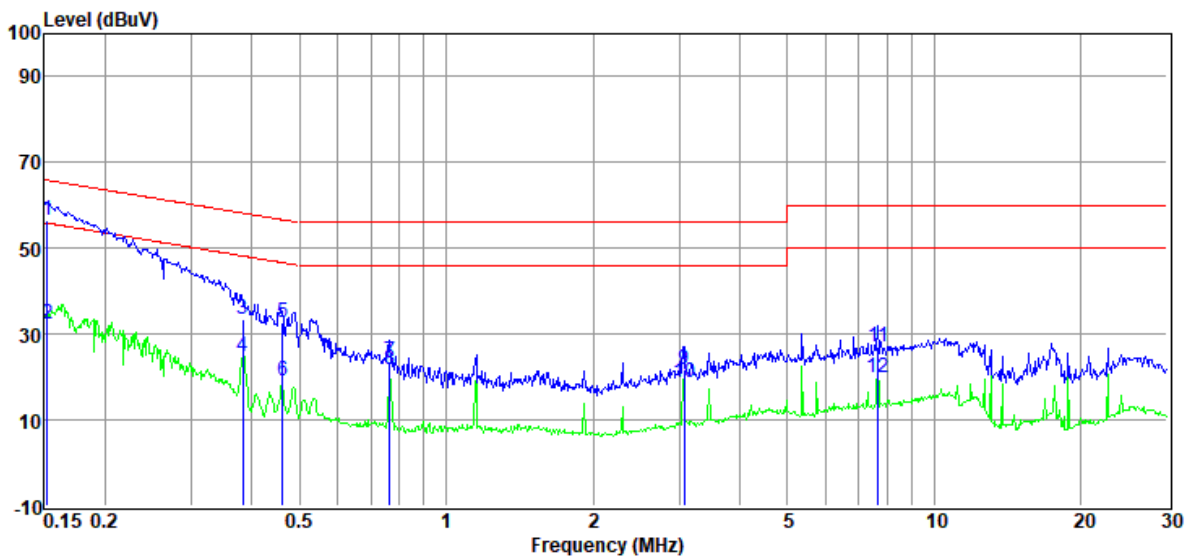
Test Mode : GFSK 1M 2402MHz TX Mode

Condition : TEMP:26.1°C, RH:65.4%

LISN : 2025 1# 216/NEUTRAL

Memo : S26031810-001

Data: 14



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	0.15	36.93	9.76	0.05	9.89	56.63	65.87	9.24	QP	NEUTRAL
2	0.15	12.67	9.76	0.05	9.89	32.37	55.87	23.50	Average	NEUTRAL
3	0.38	13.71	9.84	0.07	9.89	33.51	58.21	24.70	QP	NEUTRAL
4	0.38	4.81	9.84	0.07	9.89	24.61	48.21	23.60	Average	NEUTRAL
5	0.46	12.72	9.87	0.09	9.89	32.57	56.67	24.10	QP	NEUTRAL
6	0.46	-0.57	9.87	0.09	9.89	19.28	46.67	27.39	Average	NEUTRAL
7	0.77	3.70	9.84	0.13	9.90	23.57	56.00	32.43	QP	NEUTRAL
8	0.77	1.74	9.84	0.13	9.90	21.61	46.00	24.39	Average	NEUTRAL
9	3.07	1.87	9.83	0.18	9.88	21.76	56.00	34.24	QP	NEUTRAL
10	3.07	-1.31	9.83	0.18	9.88	18.58	46.00	27.42	Average	NEUTRAL
11	7.69	7.06	9.94	0.23	9.84	27.07	60.00	32.93	QP	NEUTRAL
12	7.69	-0.16	9.94	0.23	9.84	19.85	50.00	30.15	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\Q26031810-4E\0604 CE.EM6

Test Date : 2026-06-04

Tested By : Li Xiongbín

Power Supply : AC 120V/60Hz

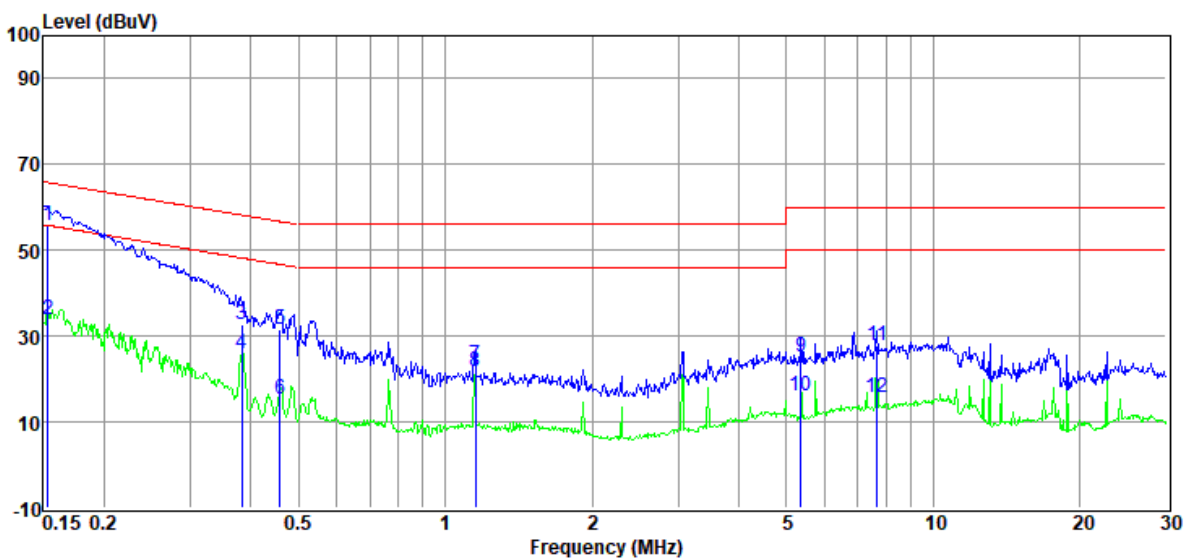
Test Mode : GFSK 1M 2402MHz TX Mode

Condition : TEMP:26.1°C, RH:65.4%

LISN : 2025 1# 216/LINE

Memo : S26031810-001

Data: 16



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	36.11	9.85	0.05	9.89	55.90	65.82	9.92	QP	LINE
2	0.15	13.88	9.85	0.05	9.89	33.67	55.82	22.15	Average	LINE
3	0.38	12.93	9.68	0.07	9.89	32.57	58.21	25.64	QP	LINE
4	0.38	6.11	9.68	0.07	9.89	25.75	48.21	22.46	Average	LINE
5	0.46	12.02	9.74	0.08	9.89	31.73	56.71	24.98	QP	LINE
6	0.46	-4.25	9.74	0.08	9.89	15.46	46.71	31.25	Average	LINE
7	1.15	3.18	9.93	0.15	9.90	23.16	56.00	32.84	QP	LINE
8	1.15	1.64	9.93	0.15	9.90	21.62	46.00	24.38	Average	LINE
9	5.36	5.18	9.96	0.20	9.86	25.20	60.00	34.80	QP	LINE
10	5.36	-3.76	9.96	0.20	9.86	16.26	50.00	33.74	Average	LINE
11	7.69	7.63	9.99	0.23	9.84	27.69	60.00	32.31	QP	LINE
12	7.69	-4.35	9.99	0.23	9.84	15.71	50.00	34.29	Average	LINE

Note:

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

16. Photos of the EUT

Please refer to DDT-Q26031912-1E appendix I

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