

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

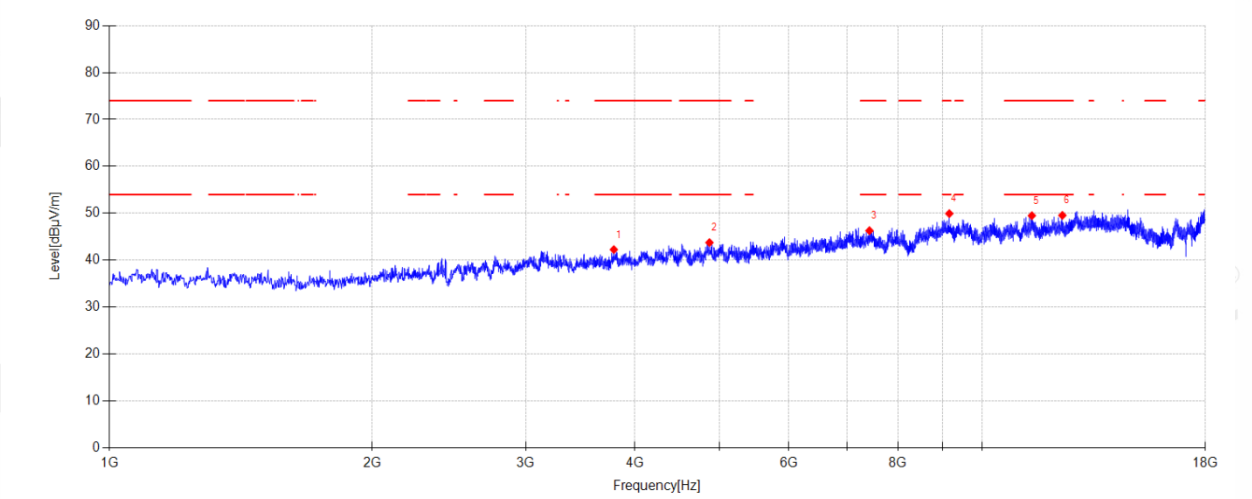
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\21

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3782.900	46.81	30.52	4.54	-39.61	42.26	74.00	31.74	PK	Horizontal
2	4867.500	45.41	32.97	5.16	-39.79	43.75	74.00	30.25	PK	Horizontal
3	7422.600	43.73	36.65	5.77	-39.86	46.29	74.00	27.71	PK	Horizontal
4	9163.400	43.09	38.84	6.78	-38.78	49.93	74.00	24.07	PK	Horizontal
5	11392.100	41.81	39.71	7.57	-39.60	49.49	74.00	24.51	PK	Horizontal
6	12345.800	41.81	39.26	7.81	-39.32	49.56	74.00	24.44	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

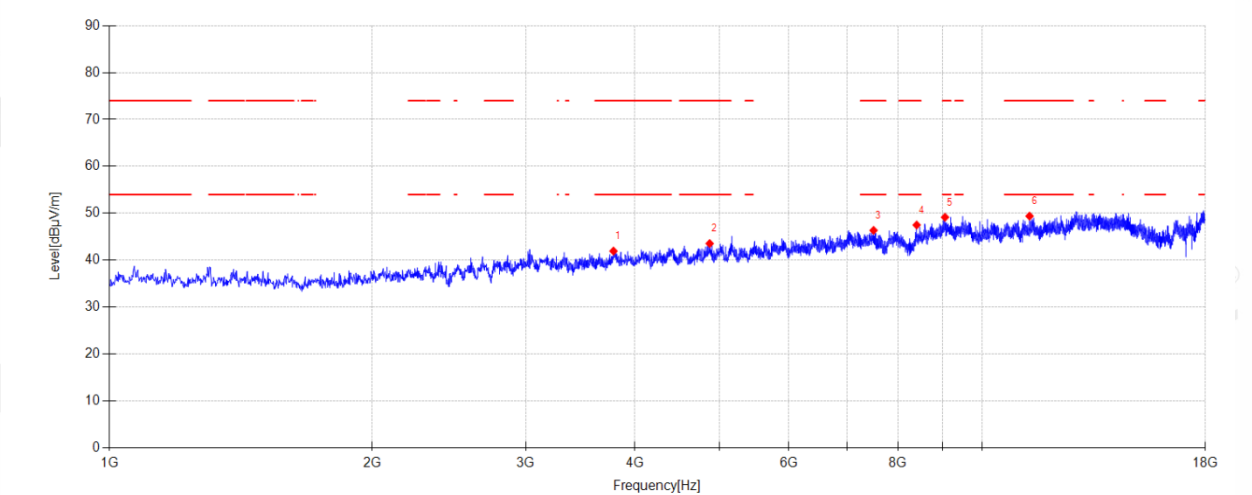
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\22

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3779.500	46.56	30.45	4.54	-39.61	41.94	74.00	32.06	PK	Vertical
2	4870.900	45.20	32.98	5.16	-39.79	43.55	74.00	30.45	PK	Vertical
3	7504.200	43.56	36.84	5.80	-39.85	46.35	74.00	27.65	PK	Vertical
4	8406.900	42.87	37.63	6.31	-39.31	47.50	74.00	26.50	PK	Vertical
5	9059.700	42.30	38.73	6.79	-38.67	49.15	74.00	24.85	PK	Vertical
6	11322.400	42.58	38.87	7.54	-39.60	49.39	74.00	24.61	PK	Vertical

Note:

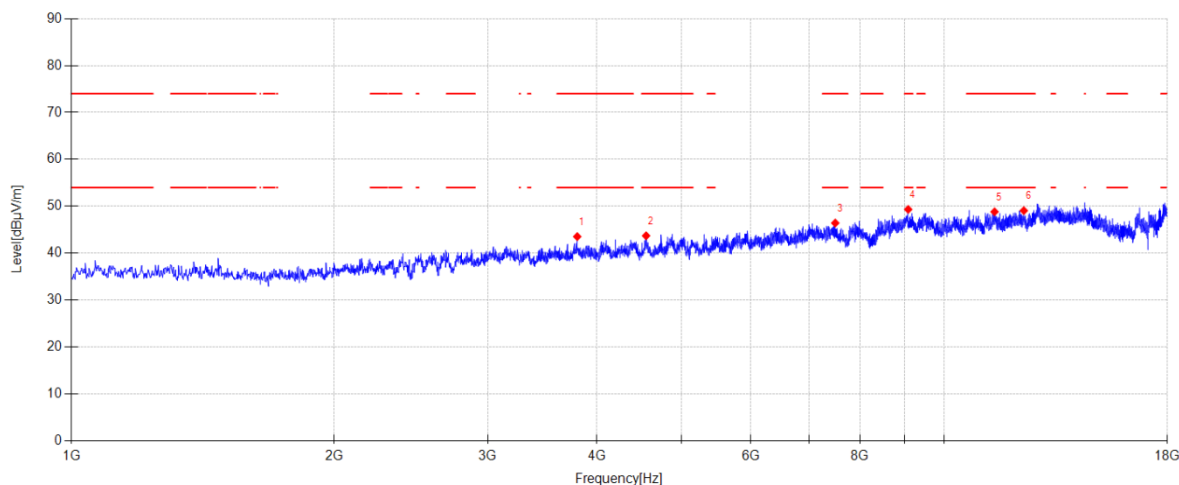
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-01 **Tested By:** Cao Jie
Test Mode: TX BLE 1M 2440MHz Mode **Power Supply:** Battery
Condition: Temp:22.5°C;Humi:55.6% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\23
Memo: Sample Number: S26052027-001 Right side

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3796.500	47.79	30.82	4.54	-39.62	43.53	74.00	30.47	PK	Horizontal
2	4553.000	46.46	32.06	4.95	-39.76	43.71	74.00	30.29	PK	Horizontal
3	7497.400	43.61	36.88	5.79	-39.85	46.43	74.00	27.57	PK	Horizontal
4	9088.600	43.03	38.21	6.79	-38.70	49.33	74.00	24.67	PK	Horizontal
5	11412.500	41.16	39.68	7.58	-39.60	48.82	74.00	25.18	PK	Horizontal
6	12328.800	41.29	39.31	7.81	-39.34	49.07	74.00	24.93	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

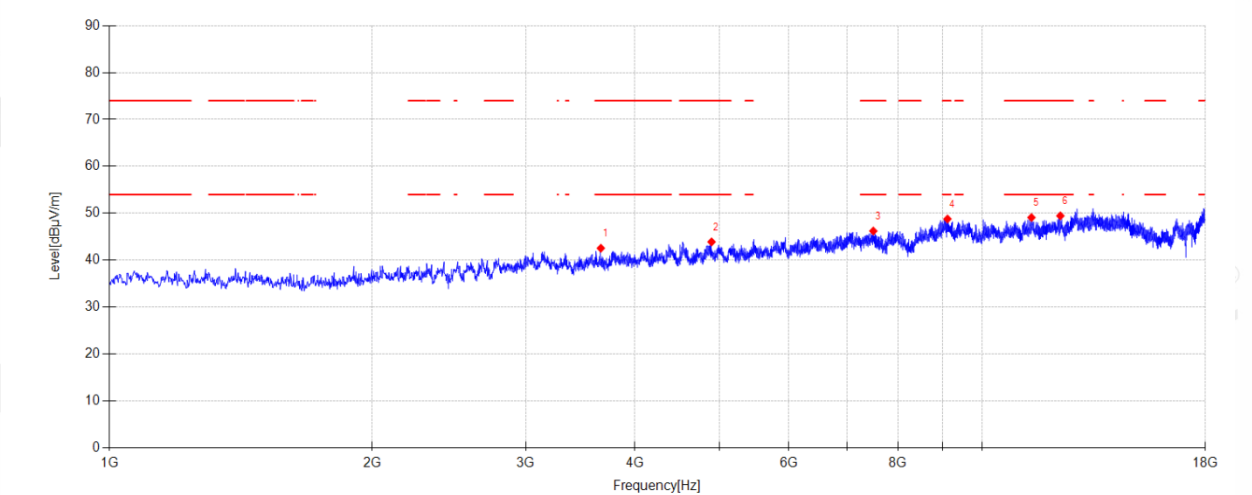
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\24

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3655.400	48.13	29.45	4.53	-39.56	42.55	74.00	31.45	PK	Vertical
2	4894.700	45.43	33.08	5.18	-39.79	43.90	74.00	30.10	PK	Vertical
3	7499.100	43.38	36.89	5.79	-39.85	46.21	74.00	27.79	PK	Vertical
4	9119.200	42.36	38.38	6.78	-38.73	48.79	74.00	25.21	PK	Vertical
5	11380.200	41.57	39.56	7.56	-39.60	49.09	74.00	24.91	PK	Vertical
6	12281.200	41.66	39.36	7.81	-39.38	49.45	74.00	24.55	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

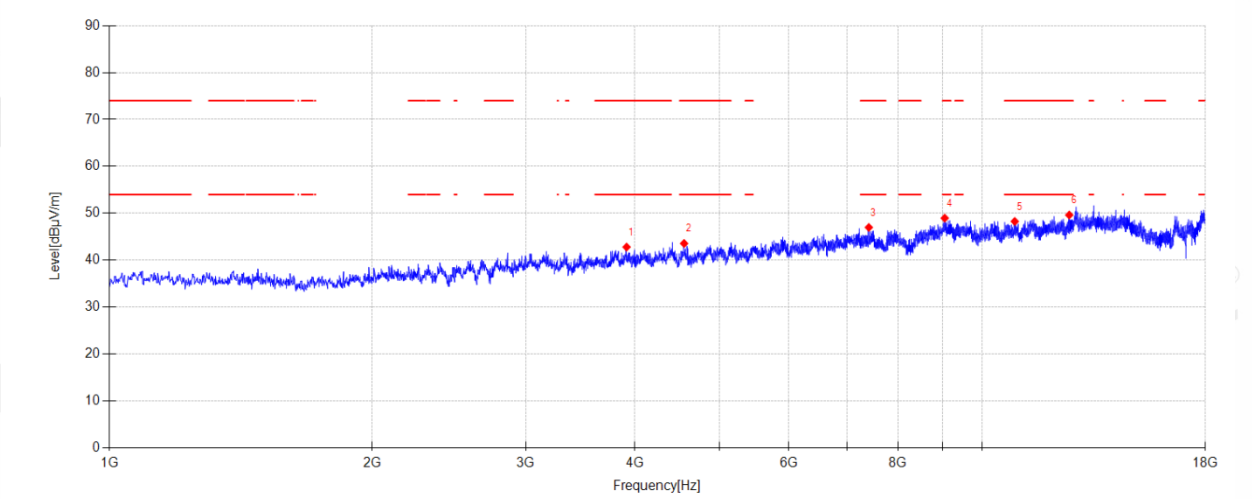
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\25

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3912.100	47.15	30.75	4.56	-39.66	42.80	74.00	31.20	PK	Horizontal
2	4553.000	46.31	32.06	4.95	-39.76	43.56	74.00	30.44	PK	Horizontal
3	7410.700	44.40	36.68	5.76	-39.86	46.98	74.00	27.02	PK	Horizontal
4	9052.900	41.99	38.85	6.79	-38.66	48.97	74.00	25.03	PK	Horizontal
5	10888.900	41.01	39.53	7.33	-39.61	48.26	74.00	25.74	PK	Horizontal
6	12571.900	41.70	39.27	7.80	-39.14	49.63	74.00	24.37	PK	Horizontal

Note:

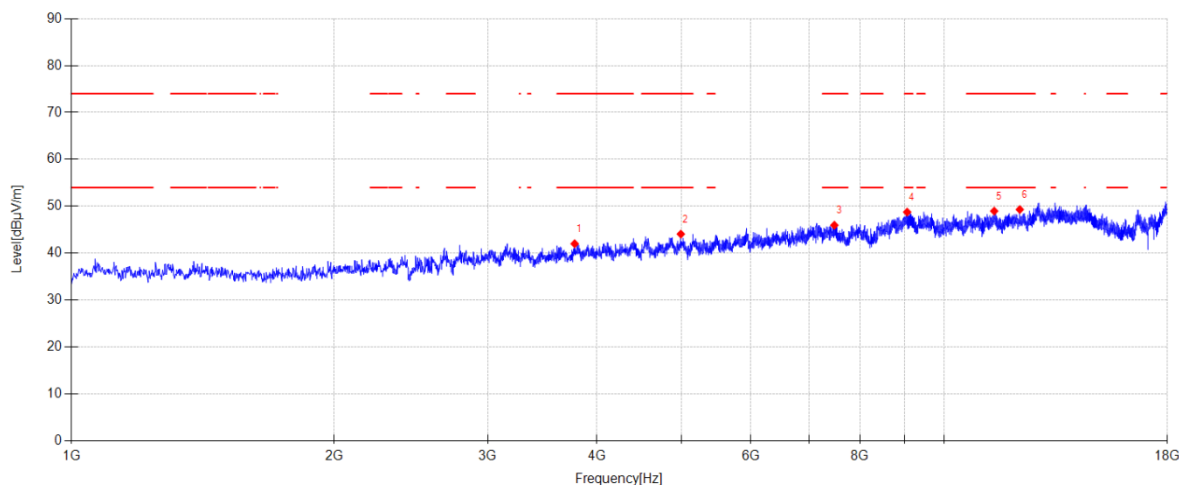
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-01 **Tested By:** Cao Jie
Test Mode: TX BLE 1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:22.5°C;Humi:55.6% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\26
Memo: Sample Number: S26052027-001 Right side

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3771.000	46.82	30.26	4.54	-39.61	42.01	74.00	31.99	PK	Vertical
2	4989.900	45.61	33.02	5.24	-39.80	44.07	74.00	29.93	PK	Vertical
3	7480.400	43.24	36.78	5.79	-39.85	45.96	74.00	28.04	PK	Vertical
4	9063.100	41.98	38.66	6.79	-38.67	48.76	74.00	25.24	PK	Vertical
5	11402.300	41.22	39.78	7.57	-39.60	48.97	74.00	25.03	PK	Vertical
6	12197.900	41.72	39.21	7.81	-39.44	49.30	74.00	24.70	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

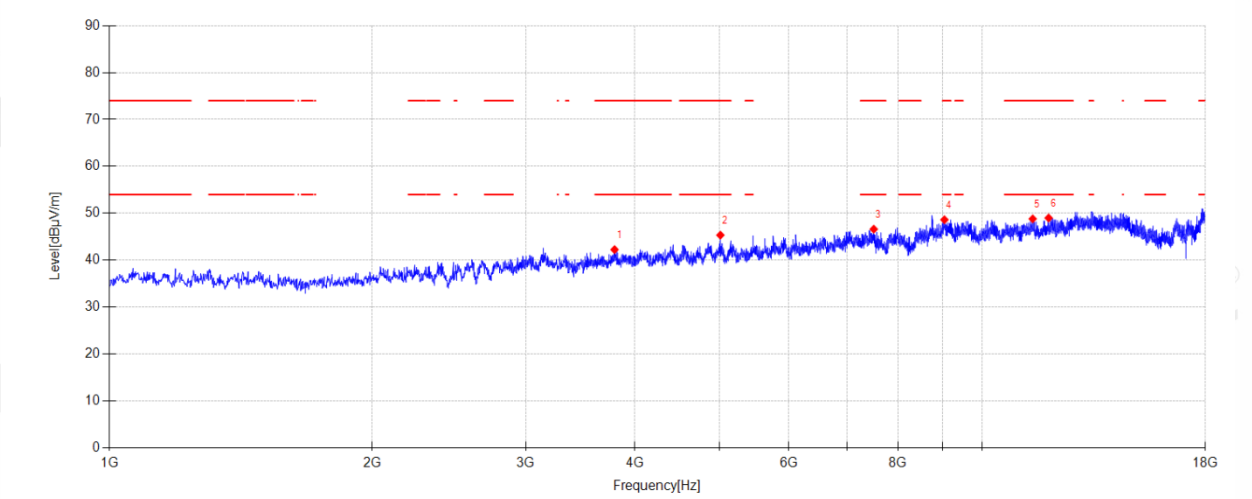
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\31

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3789.700	46.66	30.67	4.54	-39.62	42.25	74.00	31.75	PK	Horizontal
2	5010.300	46.87	33.02	5.25	-39.80	45.34	74.00	28.66	PK	Horizontal
3	7507.600	43.87	36.79	5.80	-39.85	46.61	74.00	27.39	PK	Horizontal
4	9046.100	41.61	38.87	6.79	-38.65	48.62	74.00	25.38	PK	Horizontal
5	11417.600	41.21	39.62	7.58	-39.60	48.81	74.00	25.19	PK	Horizontal
6	11907.200	42.29	38.54	7.77	-39.60	49.00	74.00	25.00	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

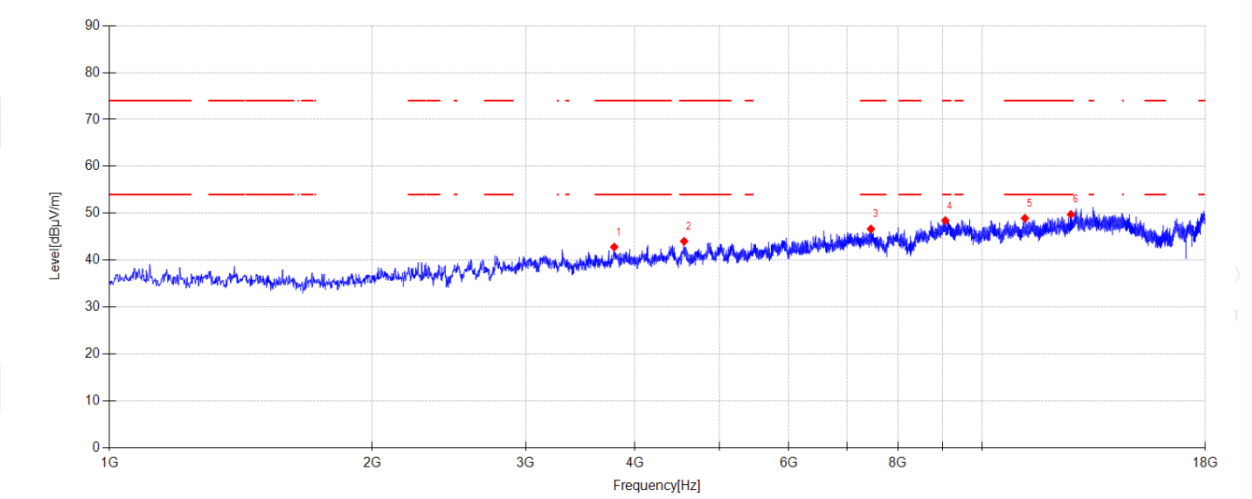
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\32

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3786.300	47.28	30.60	4.54	-39.61	42.81	74.00	31.19	PK	Vertical
2	4553.000	46.78	32.06	4.95	-39.76	44.03	74.00	29.97	PK	Vertical
3	7451.500	44.12	36.61	5.78	-39.85	46.66	74.00	27.34	PK	Vertical
4	9066.500	41.73	38.60	6.79	-38.67	48.45	74.00	25.55	PK	Vertical
5	11184.700	42.24	38.82	7.48	-39.60	48.94	74.00	25.06	PK	Vertical
6	12626.300	41.91	39.15	7.80	-39.10	49.76	74.00	24.24	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2440MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

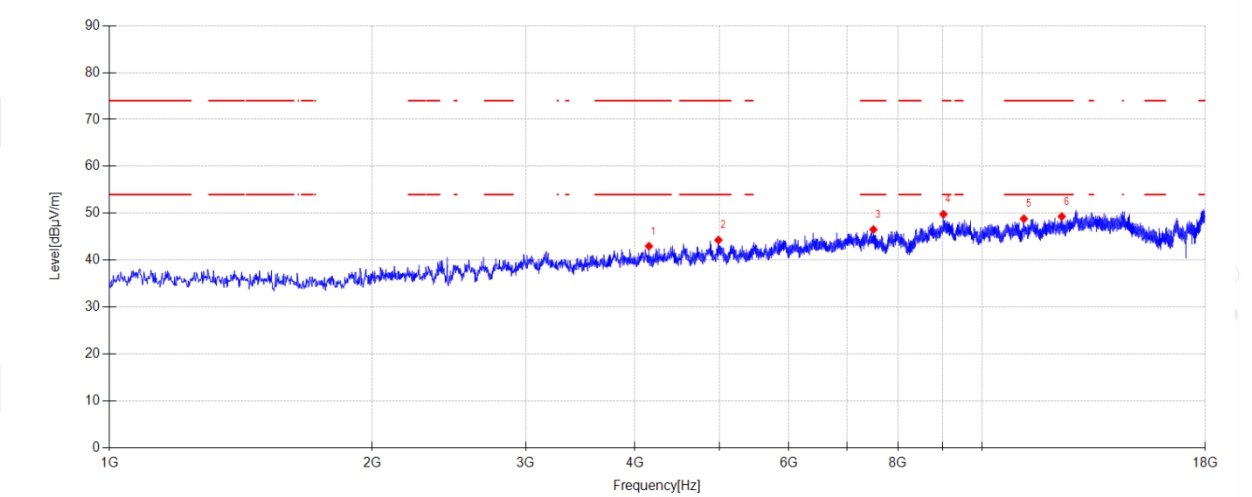
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\29

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4150.100	46.53	31.50	4.67	-39.72	42.98	74.00	31.02	PK	Horizontal
2	4984.800	45.81	33.03	5.24	-39.80	44.28	74.00	29.72	PK	Horizontal
3	7500.800	43.69	36.89	5.80	-39.85	46.53	74.00	27.47	PK	Horizontal
4	9022.300	42.93	38.68	6.80	-38.62	49.79	74.00	24.21	PK	Horizontal
5	11154.100	42.11	38.85	7.47	-39.60	48.83	74.00	25.17	PK	Horizontal
6	12327.100	41.52	39.32	7.81	-39.34	49.31	74.00	24.69	PK	Horizontal

Note:

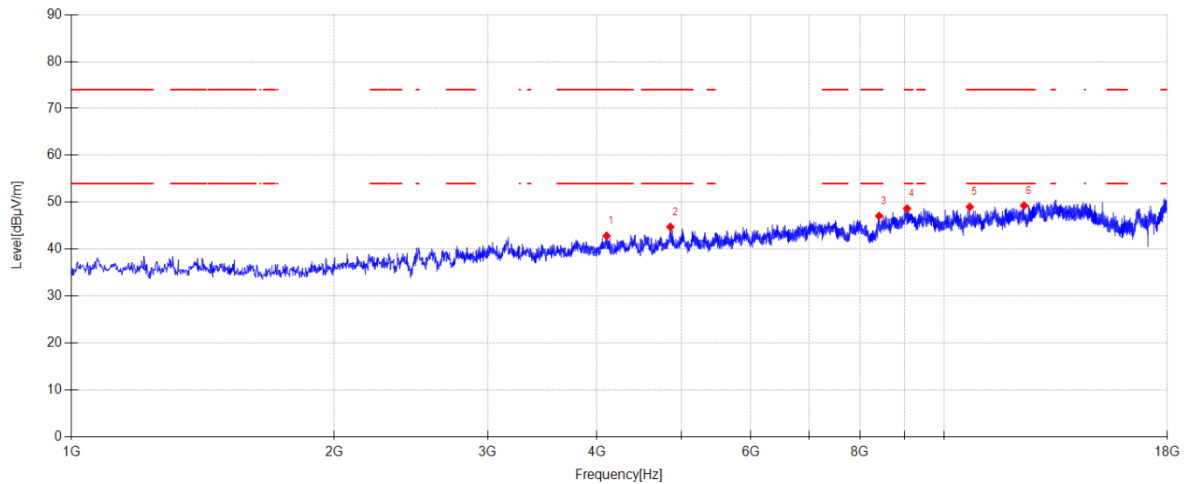
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-01 **Tested By:** Cao Jie
Test Mode: TX BLE 2M 2440MHz Mode **Power Supply:** Battery
Condition: Temp:22.5°C;Humi:55.6% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\30
Memo: Sample Number: S26052027-001 Right side

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4102.500	46.79	31.12	4.64	-39.71	42.84	74.00	31.16	PK	Vertical
2	4853.900	46.46	32.92	5.15	-39.79	44.74	74.00	29.26	PK	Vertical
3	8417.100	42.53	37.53	6.32	-39.30	47.08	74.00	26.92	PK	Vertical
4	9061.400	41.86	38.69	6.79	-38.67	48.67	74.00	25.33	PK	Vertical
5	10693.400	41.98	39.48	7.18	-39.63	49.01	74.00	24.99	PK	Vertical
6	12335.600	41.53	39.29	7.81	-39.33	49.30	74.00	24.70	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

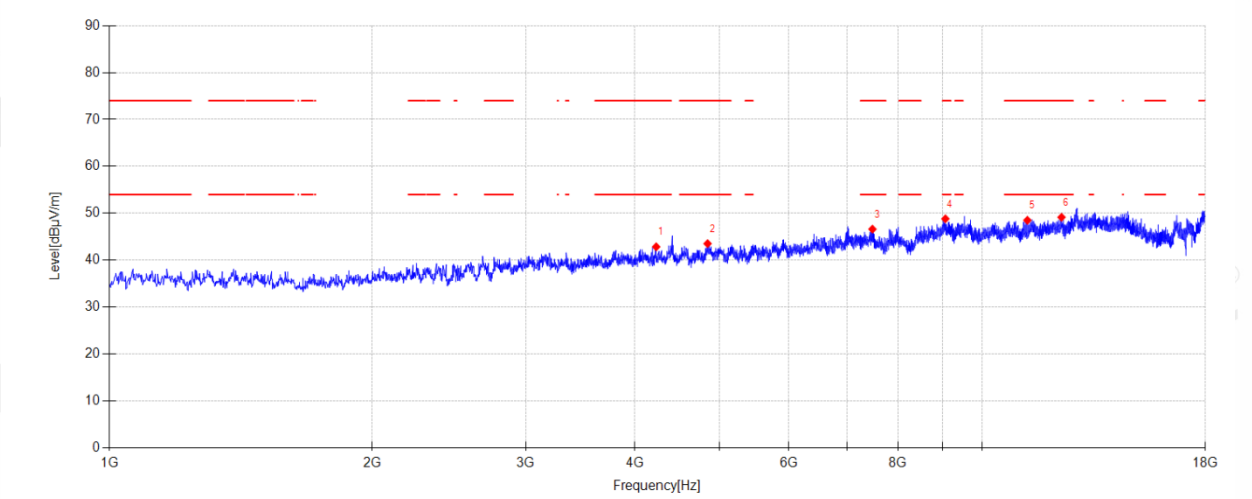
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\27

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4230.000	46.72	31.12	4.73	-39.72	42.85	74.00	31.15	PK	Horizontal
2	4843.700	45.37	32.80	5.14	-39.78	43.53	74.00	30.47	PK	Horizontal
3	7482.100	43.88	36.79	5.79	-39.85	46.61	74.00	27.39	PK	Horizontal
4	9068.200	42.14	38.57	6.79	-38.68	48.82	74.00	25.18	PK	Horizontal
5	11257.800	41.92	38.68	7.51	-39.60	48.51	74.00	25.49	PK	Horizontal
6	12318.600	41.35	39.34	7.81	-39.35	49.15	74.00	24.85	PK	Horizontal

Note:

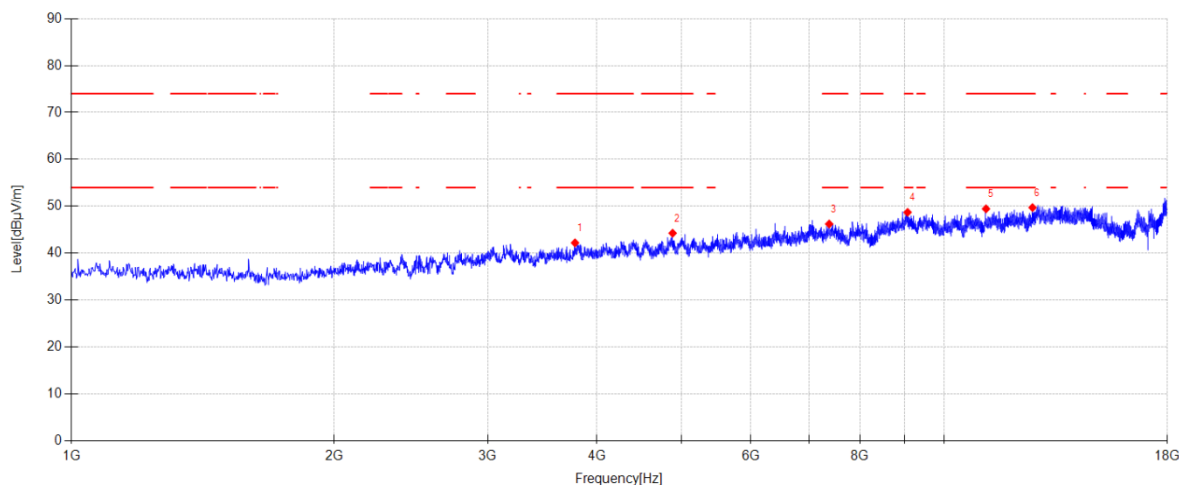
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2026-06-01 **Tested By:** Cao Jie
Test Mode: TX BLE 2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:22.5°C;Humi:55.6% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\28
Memo: Sample Number: S26052027-001 Right side



Suspected Data List

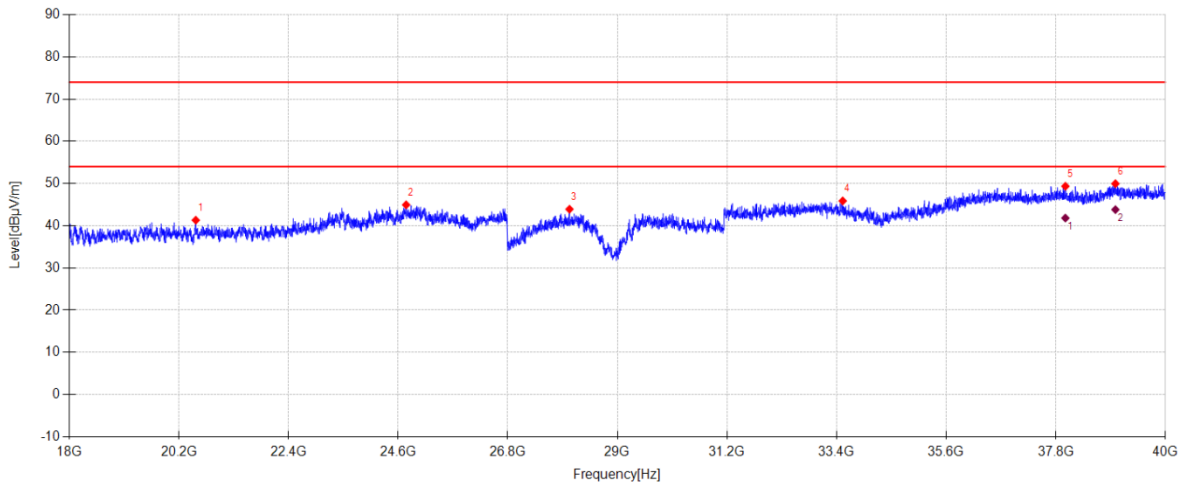
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3774.400	46.93	30.34	4.54	-39.61	42.20	74.00	31.80	PK	Vertical
2	4882.800	45.85	33.03	5.17	-39.79	44.26	74.00	29.74	PK	Vertical
3	7378.400	43.50	36.83	5.75	-39.86	46.22	74.00	27.78	PK	Vertical
4	9073.300	42.12	38.48	6.79	-38.68	48.71	74.00	25.29	PK	Vertical
5	11159.200	42.74	38.84	7.47	-39.60	49.45	74.00	24.55	PK	Vertical
6	12614.400	41.90	39.13	7.80	-39.11	49.72	74.00	24.28	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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\1
Memo: Sample Number: S26052027-001 Left side

**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	20538.152	49.33	38.26	3.84	41.31	74.00	32.69	PK	Horizontal
2	24760.347	50.67	39.48	4.70	44.94	74.00	29.06	PK	Horizontal
3	28039.800	46.98	40.03	4.90	43.91	74.00	30.09	PK	Horizontal
4	33524.356	47.43	41.81	5.51	45.87	74.00	28.13	PK	Horizontal
5	37993.652	48.89	43.89	5.61	49.35	74.00	24.65	PK	Horizontal
6	38998.169	47.40	45.90	6.59	49.95	74.00	24.05	PK	Horizontal

Final Data List

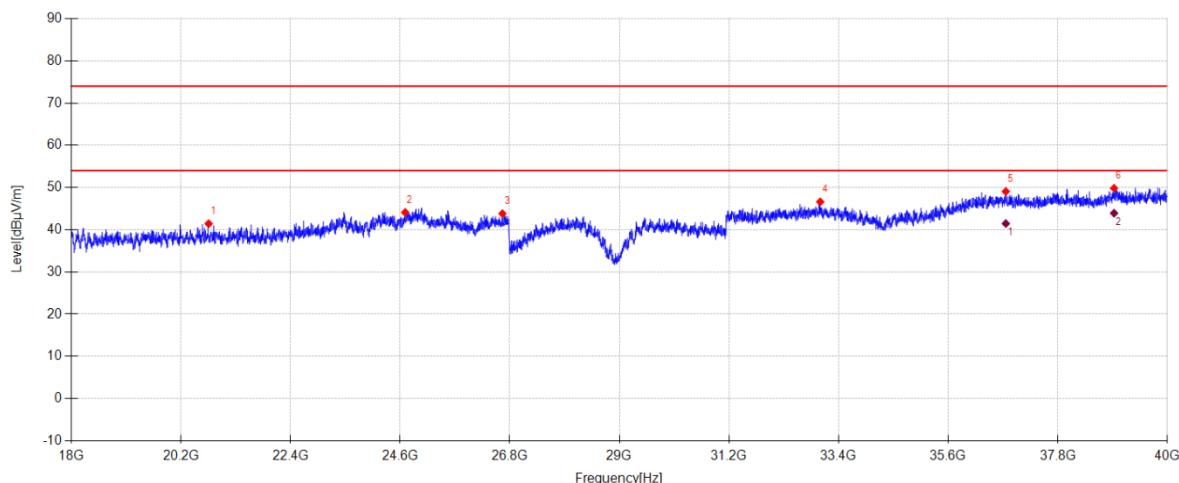
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	37993.652	41.35	43.89	5.61	41.81	54.00	12.19	AV	Horizontal
2	38998.169	41.27	45.90	6.59	43.82	54.00	10.18	AV	Horizontal

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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\2
Memo: Sample Number: S26052027-001 Left side



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	20755.707	49.65	38.33	3.76	41.42	74.00	32.58	PK	Vertical
2	24701.257	49.90	39.45	4.68	44.10	74.00	29.90	PK	Vertical
3	26653.888	49.03	39.56	4.81	43.82	74.00	30.18	PK	Vertical
4	33032.841	47.63	41.61	5.37	46.61	74.00	27.39	PK	Vertical
5	36758.149	49.23	42.88	6.24	49.06	74.00	24.94	PK	Vertical
6	38931.022	47.47	45.76	6.48	49.83	74.00	24.17	PK	Vertical

Final Data List

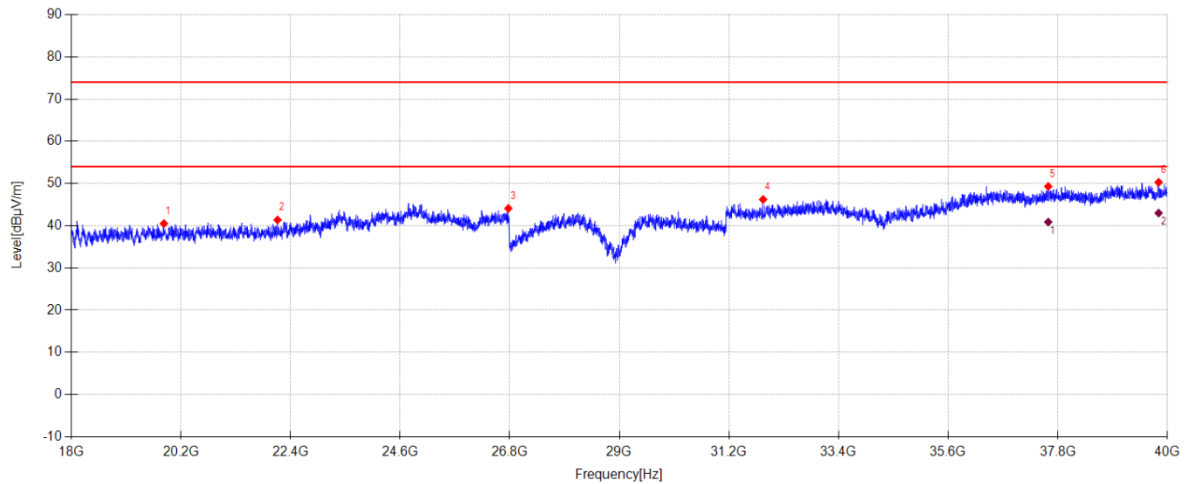
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36758.149	41.63	42.88	6.24	41.46	54.00	12.54	AV	Vertical
2	38931.022	41.55	45.76	6.48	43.91	54.00	10.09	AV	Vertical

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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\3
Memo: Sample Number: S26052027-001 Left side

**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	19858.625	48.21	38.11	3.77	40.51	74.00	33.49	PK	Horizontal
2	22138.933	49.84	38.61	4.19	41.37	74.00	32.63	PK	Horizontal
3	26772.067	49.16	39.61	4.83	44.10	74.00	29.90	PK	Horizontal
4	31885.972	47.53	41.23	5.25	46.22	74.00	27.78	PK	Horizontal
5	37609.571	49.77	43.51	5.18	49.30	74.00	24.70	PK	Horizontal
6	39825.418	48.51	46.56	6.40	50.29	74.00	23.71	PK	Horizontal

Final Data List

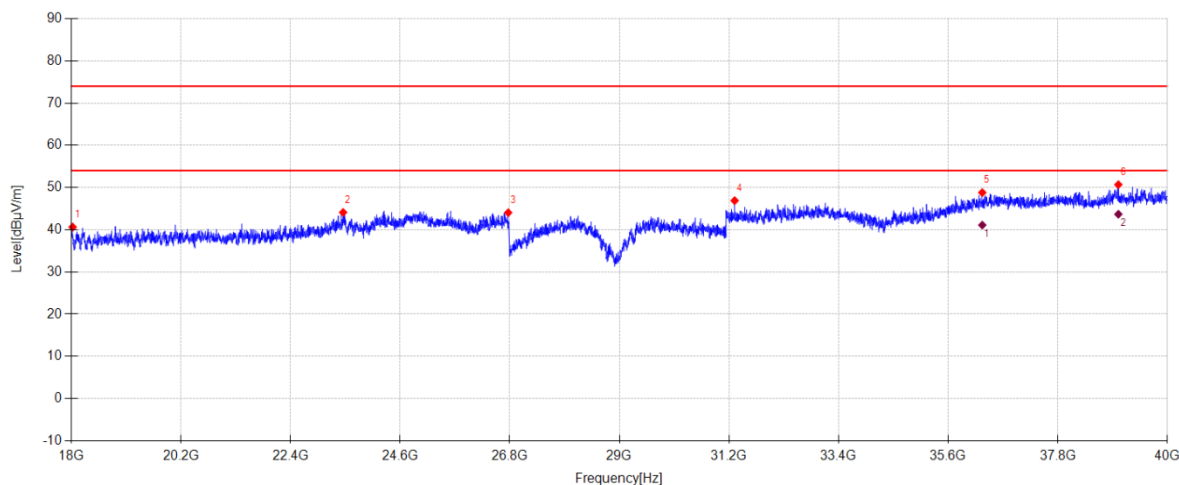
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	37609.571	41.35	43.51	5.18	40.88	54.00	13.12	AV	Horizontal
2	39825.418	41.22	46.56	6.40	43.00	54.00	11.00	AV	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\4
Memo: Sample Number: S26052027-001 Left side

**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	18026.859	46.79	37.91	3.91	40.64	74.00	33.36	PK	Vertical
2	23455.012	51.07	39.21	4.68	44.11	74.00	29.89	PK	Vertical
3	26769.381	49.10	39.61	4.83	44.04	74.00	29.96	PK	Vertical
4	31313.881	48.03	41.41	5.02	46.89	74.00	27.11	PK	Vertical
5	36285.435	49.03	42.83	6.14	48.80	74.00	25.20	PK	Vertical
6	39016.970	48.15	45.91	6.59	50.68	74.00	23.32	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	36285.435	41.33	42.83	6.14	41.10	54.00	12.90	AV	Vertical
2	39016.970	41.14	45.91	6.59	43.67	54.00	10.33	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:

2026-06-16

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.8°C;Humi:43.9%

Test Site:

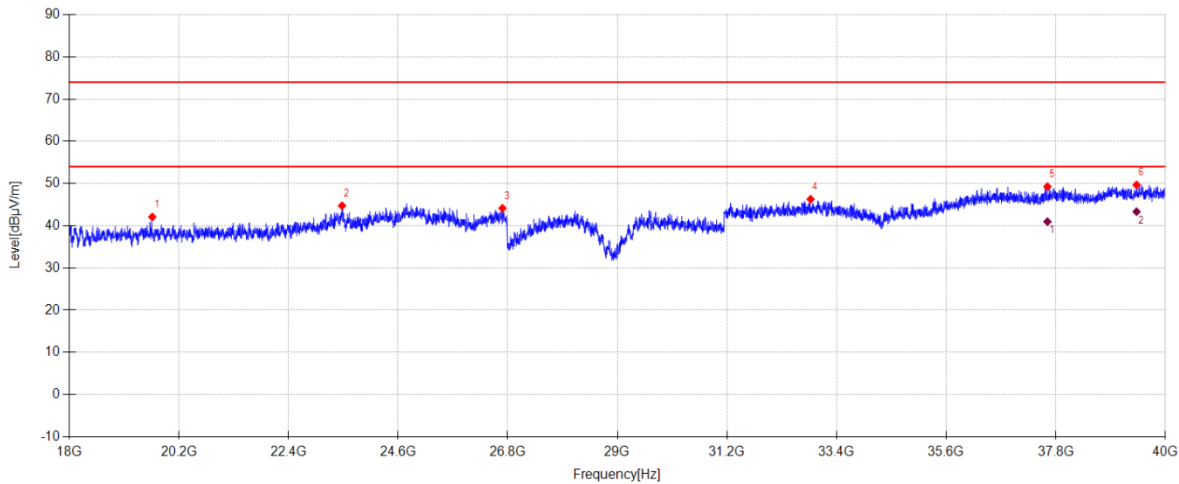
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\7

Memo:

Sample Number: S26052027-001 Right side



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	19665.242	49.57	38.13	3.89	42.08	74.00	31.92	PK	Horizontal
2	23473.813	51.66	39.21	4.69	44.74	74.00	29.26	PK	Horizontal
3	26694.177	49.29	39.58	4.82	44.14	74.00	29.86	PK	Horizontal
4	32879.746	47.34	41.55	5.31	46.27	74.00	27.73	PK	Horizontal
5	37633.744	49.68	43.53	5.21	49.27	74.00	24.73	PK	Horizontal
6	39422.537	47.35	46.24	6.64	49.66	74.00	24.34	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	37633.744	41.37	43.53	5.21	40.96	54.00	13.04	AV	Horizontal
2	39422.537	41.02	46.24	6.64	43.33	54.00	10.67	AV	Horizontal

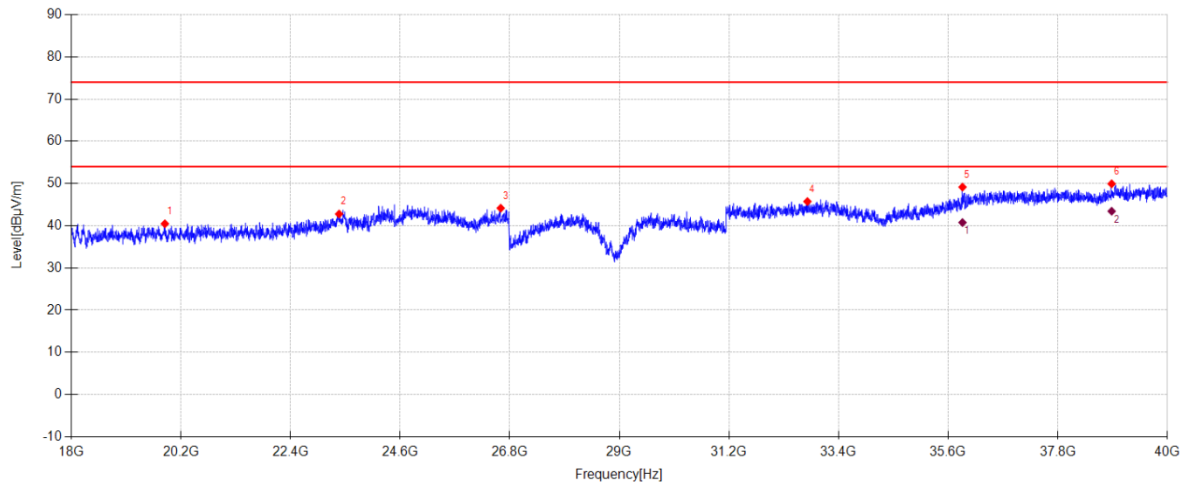
Note:

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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\8
Memo: Sample Number: S26052027-001 Right side



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	19877.426	48.18	38.11	3.76	40.46	74.00	33.54	PK	Vertical
2	23374.435	49.85	39.23	4.65	42.78	74.00	31.22	PK	Vertical
3	26618.972	49.42	39.55	4.80	44.16	74.00	29.84	PK	Vertical
4	32774.997	46.87	41.51	5.27	45.73	74.00	28.27	PK	Vertical
5	35887.926	50.01	42.72	5.67	49.15	74.00	24.85	PK	Vertical
6	38882.676	47.69	45.67	6.40	49.93	74.00	24.07	PK	Vertical

Final Data List

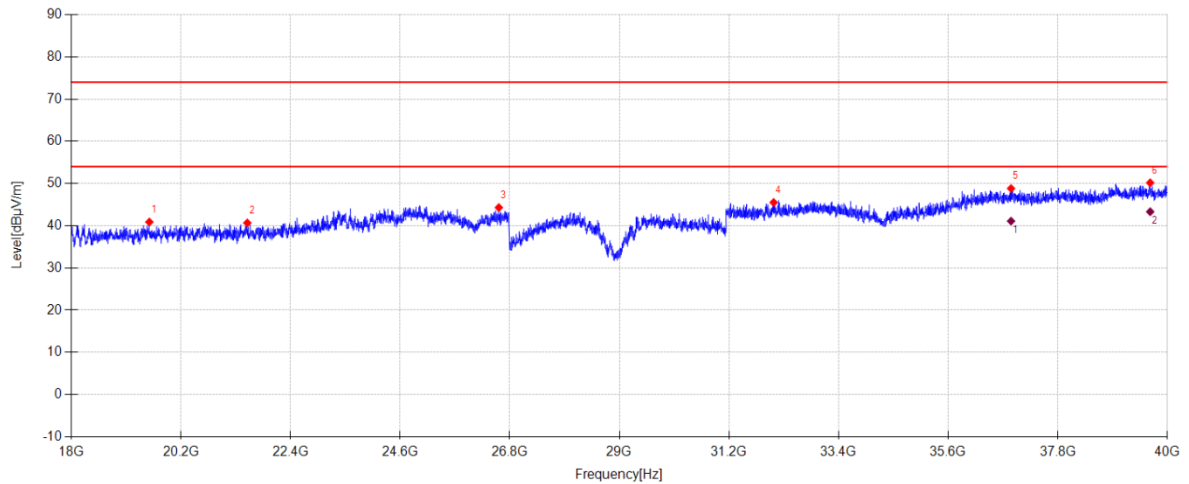
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	35887.926	41.62	42.72	5.67	40.76	54.00	13.24	AV	Vertical
2	38882.676	41.19	45.67	6.40	43.43	54.00	10.57	AV	Vertical

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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\5
Memo: Sample Number: S26052027-001 Right side

**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	19565.865	48.26	38.14	3.95	40.88	74.00	33.12	PK	Horizontal
2	21531.925	49.20	38.45	3.92	40.66	74.00	33.34	PK	Horizontal
3	26581.370	49.61	39.53	4.80	44.31	74.00	29.69	PK	Horizontal
4	32098.157	46.79	41.24	5.33	45.51	74.00	28.49	PK	Horizontal
5	36862.898	49.10	42.89	6.15	48.83	74.00	25.17	PK	Horizontal
6	39656.208	48.14	46.42	6.53	50.17	74.00	23.83	PK	Horizontal

Final Data List

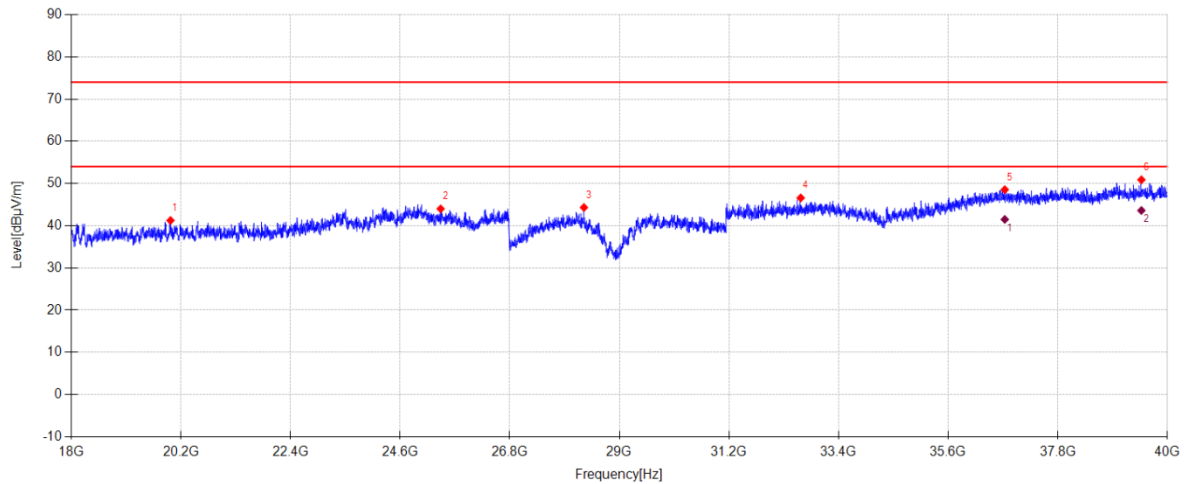
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36862.898	41.36	42.89	6.15	41.09	54.00	12.91	AV	Horizontal
2	39656.208	41.28	46.42	6.53	43.31	54.00	10.69	AV	Horizontal

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: 2026-06-16 **Tested By:** Cao Jie
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:23.8°C;Humi:43.9% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26052027-1E\FCC ABOVE 1G BLE 18-40G\6
Memo: Sample Number: S26052027-001 Right side

**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	19990.233	49.09	38.10	3.70	41.25	74.00	32.75	PK	Vertical
2	25413.014	49.59	39.48	4.85	44.00	74.00	30.00	PK	Vertical
3	28289.586	46.96	40.20	4.94	44.32	74.00	29.68	PK	Vertical
4	32640.703	47.82	41.46	5.21	46.59	74.00	27.41	PK	Vertical
5	36736.662	48.71	42.87	6.26	48.55	74.00	25.45	PK	Vertical
6	39478.940	48.61	46.28	6.65	50.88	74.00	23.12	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	36736.662	41.65	42.87	6.26	41.49	54.00	12.51	AV	Vertical
2	39478.940	41.34	46.28	6.65	43.61	54.00	10.39	AV	Vertical

Note:

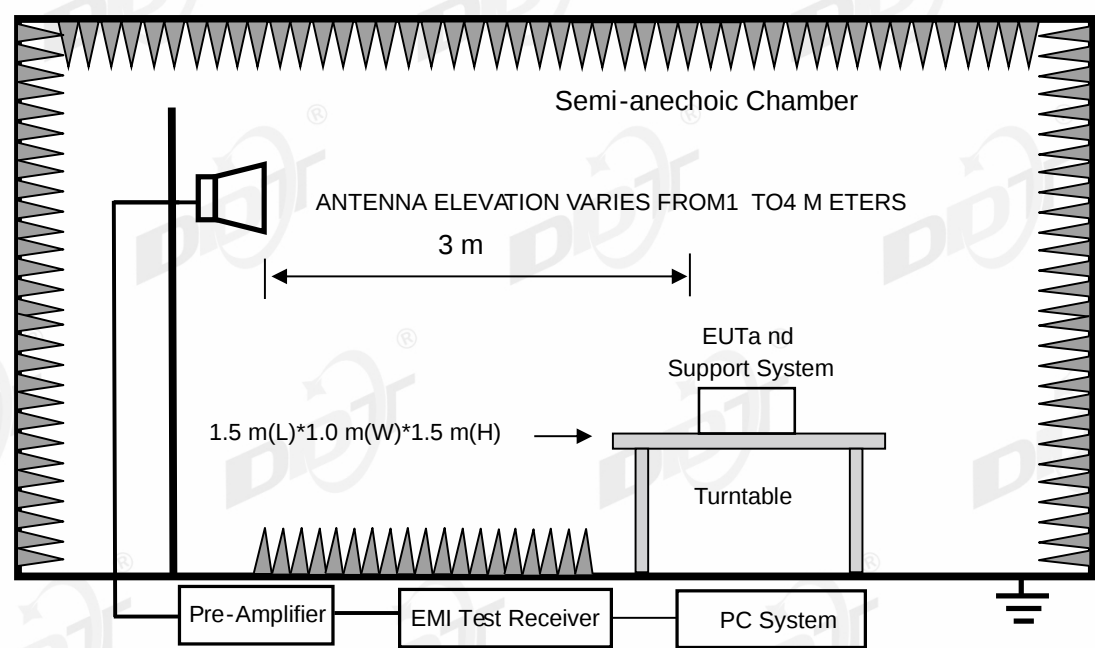
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-10M	DDT-ZC05591	2026/10/10
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-3M	DDT-ZC05590	2026/10/10
RF cable	Zhongke Junchuang	JCTB510-NJW-NJW-0.6M	DDT-ZC04595	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-5M	DDT-ZC03800	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS32-RE (V5.0.0)	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2027/02/27
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2027/02/27
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2027/02/27
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

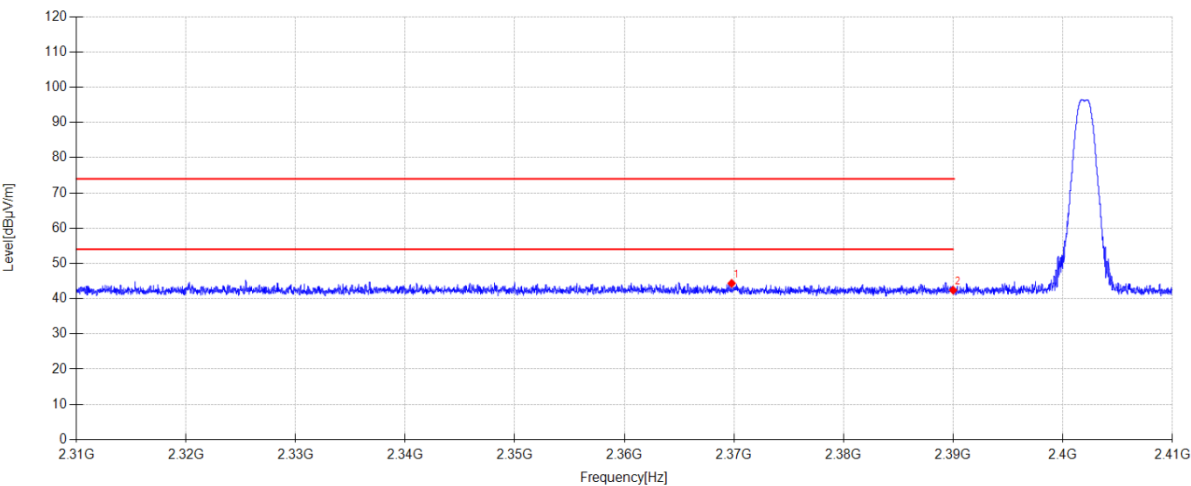
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\19

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2369.790	13.00	27.58	3.75	0.00	44.33	74.00	29.67	PK	Horizontal
2	2390.000	11.17	27.46	3.78	0.00	42.41	74.00	31.59	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

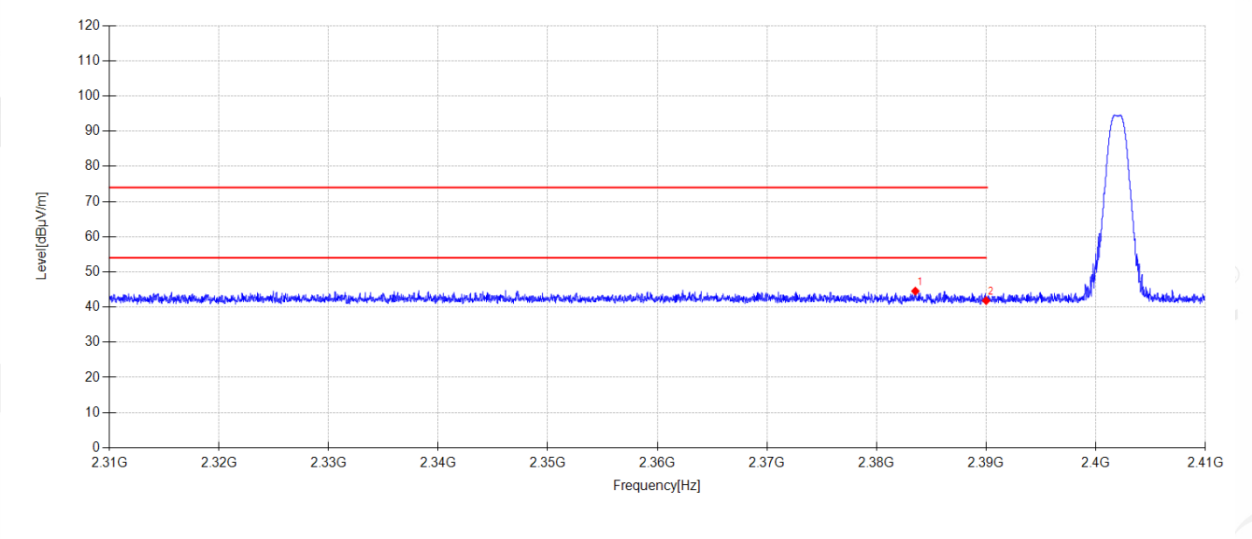
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\20

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.540	13.27	27.50	3.77	0.00	44.54	74.00	29.46	PK	Vertical
2	2390.000	10.59	27.46	3.78	0.00	41.83	74.00	32.17	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

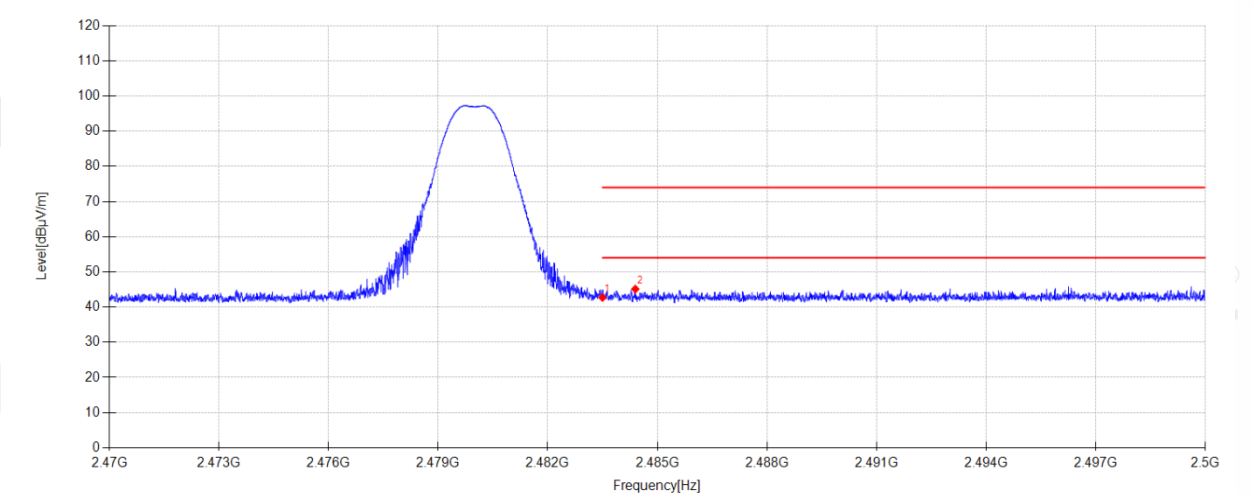
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\17

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.30	27.54	3.88	0.00	42.72	74.00	31.28	PK	Horizontal
2	2484.397	13.70	27.54	3.88	0.00	45.12	74.00	28.88	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

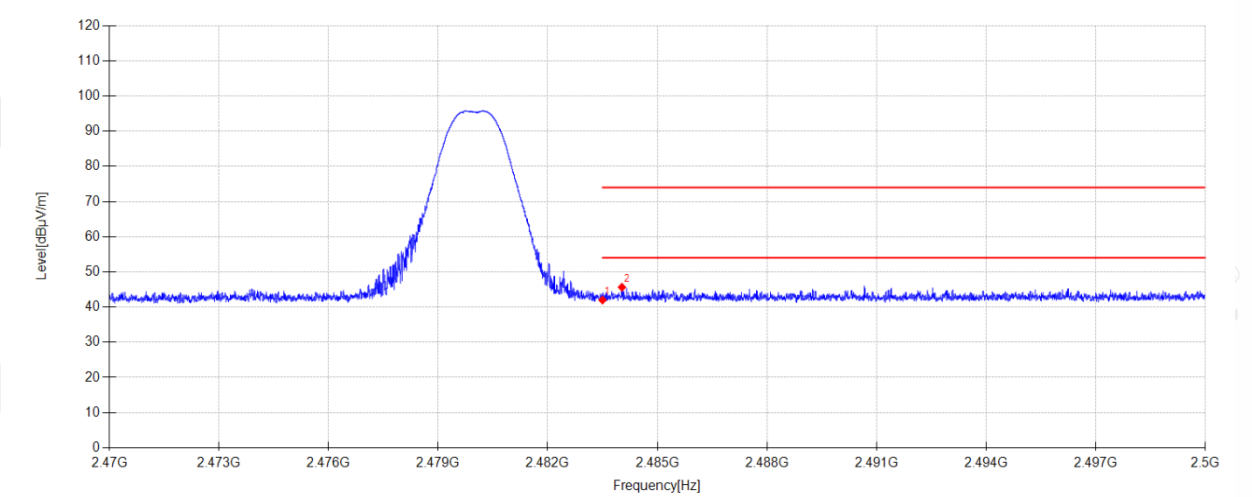
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\18

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	10.58	27.54	3.88	0.00	42.00	74.00	32.00	PK	Vertical
2	2484.031	14.22	27.54	3.88	0.00	45.64	74.00	28.36	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

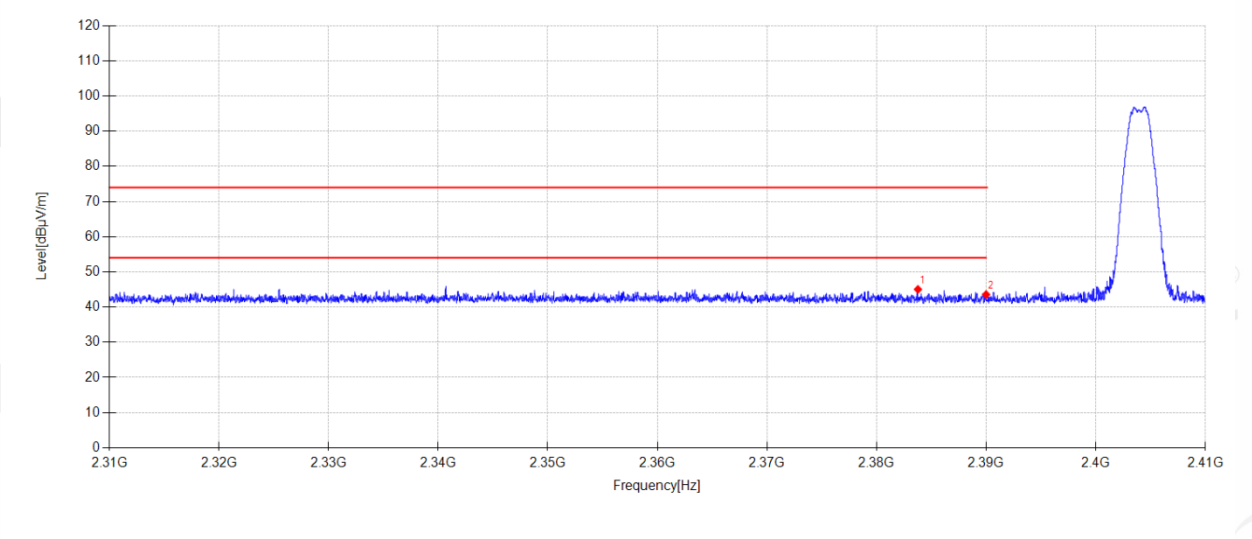
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\13

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.780	13.76	27.50	3.77	0.00	45.03	74.00	28.97	PK	Horizontal
2	2390.000	12.32	27.46	3.78	0.00	43.56	74.00	30.44	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

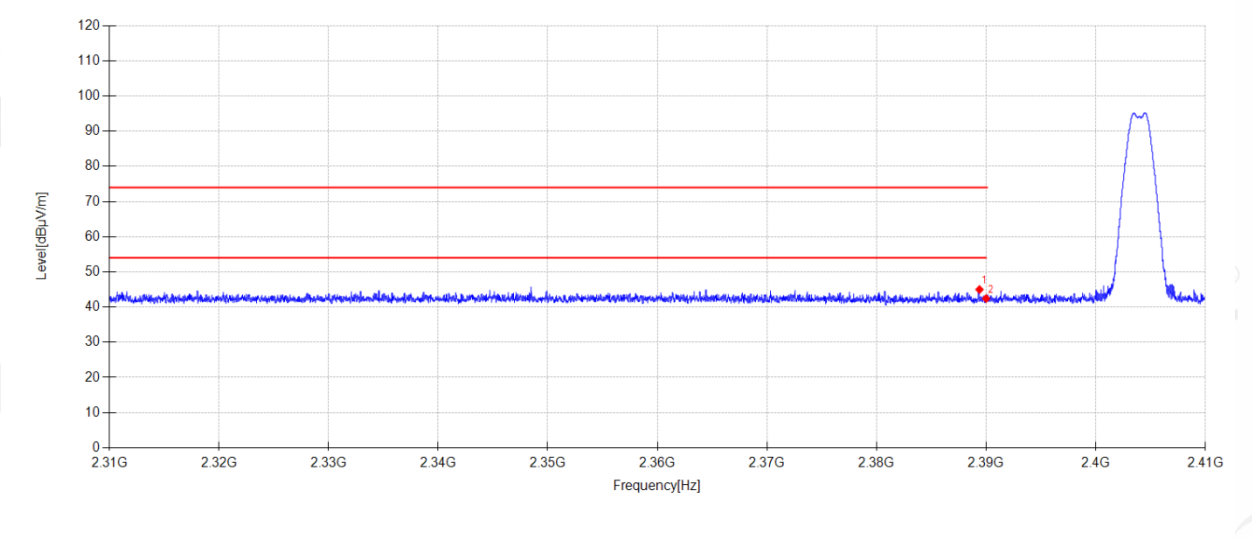
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\14

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.390	13.77	27.46	3.77	0.00	45.00	74.00	29.00	PK	Vertical
2	2390.000	11.20	27.46	3.78	0.00	42.44	74.00	31.56	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

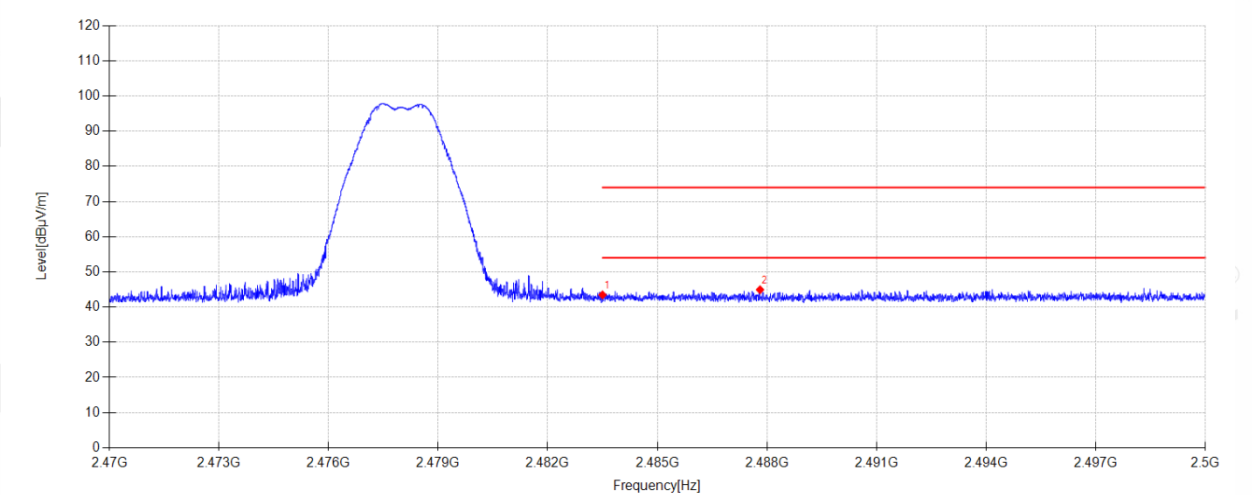
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\15

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	12.05	27.54	3.88	0.00	43.47	74.00	30.53	PK	Horizontal
2	2487.811	13.48	27.58	3.88	0.00	44.94	74.00	29.06	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

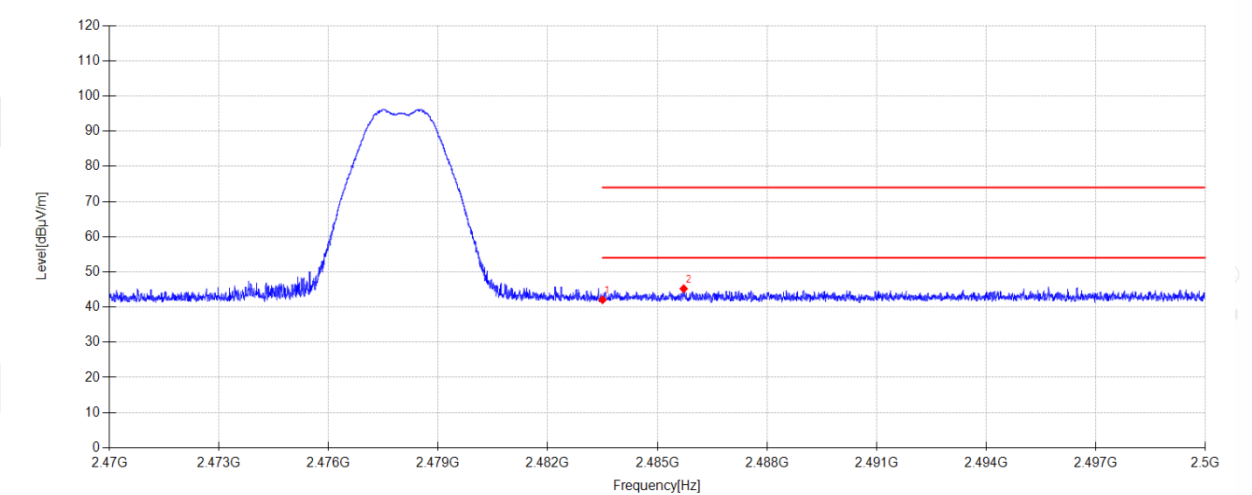
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\16

Memo:

Sample Number: S26052027-001 Left side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	10.65	27.54	3.88	0.00	42.07	74.00	31.93	PK	Vertical
2	2485.723	13.78	27.56	3.88	0.00	45.22	74.00	28.78	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

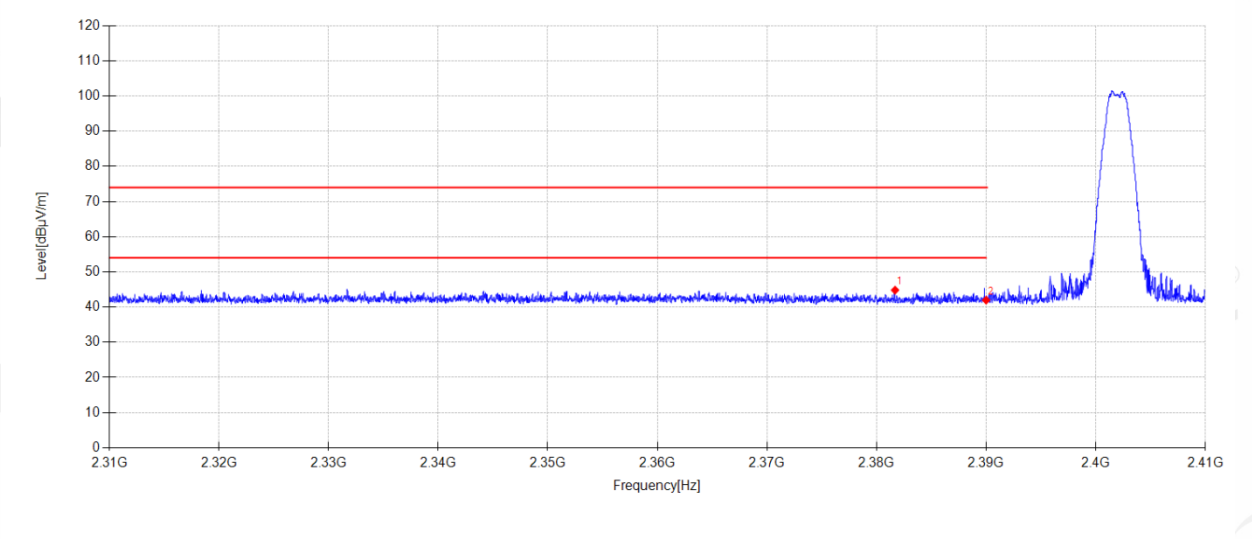
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\39

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2381.690	13.54	27.51	3.77	0.00	44.82	74.00	29.18	PK	Horizontal
2	2390.000	10.73	27.46	3.78	0.00	41.97	74.00	32.03	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

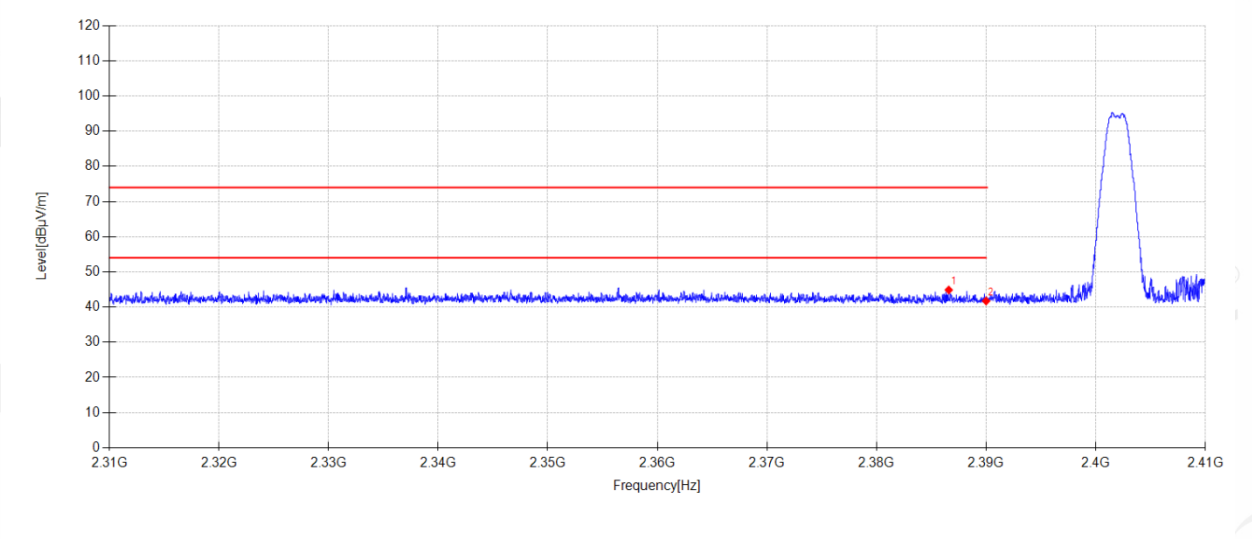
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\40

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2386.590	13.62	27.48	3.77	0.00	44.87	74.00	29.13	PK	Vertical
2	2390.000	10.49	27.46	3.78	0.00	41.73	74.00	32.27	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

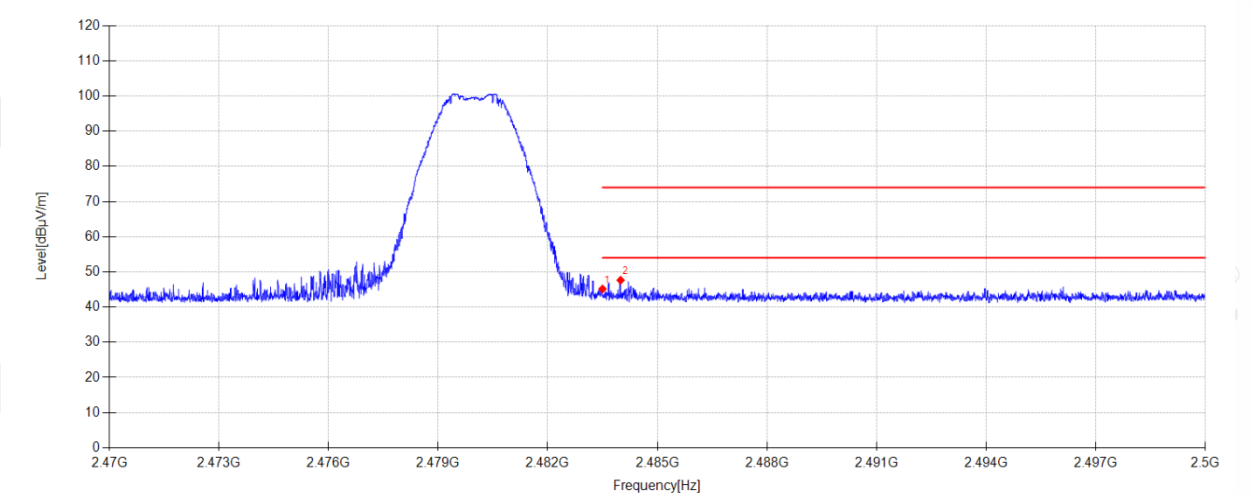
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\37

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	13.73	27.54	3.88	0.00	45.15	74.00	28.85	PK	Horizontal
2	2483.995	16.22	27.54	3.88	0.00	47.64	74.00	26.36	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

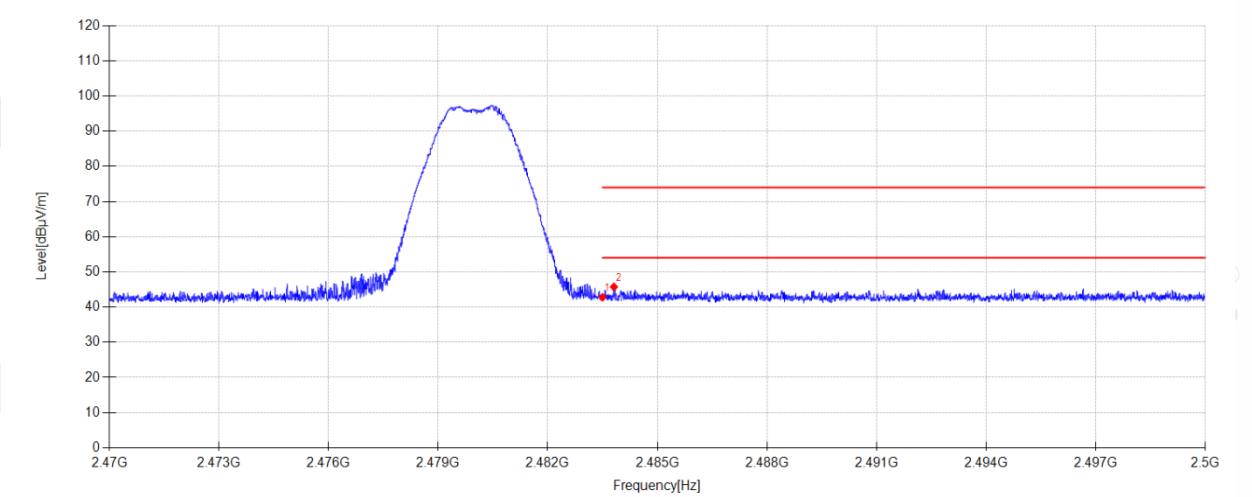
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\38

Memo:

Sample Number: S26052027-001 Right side



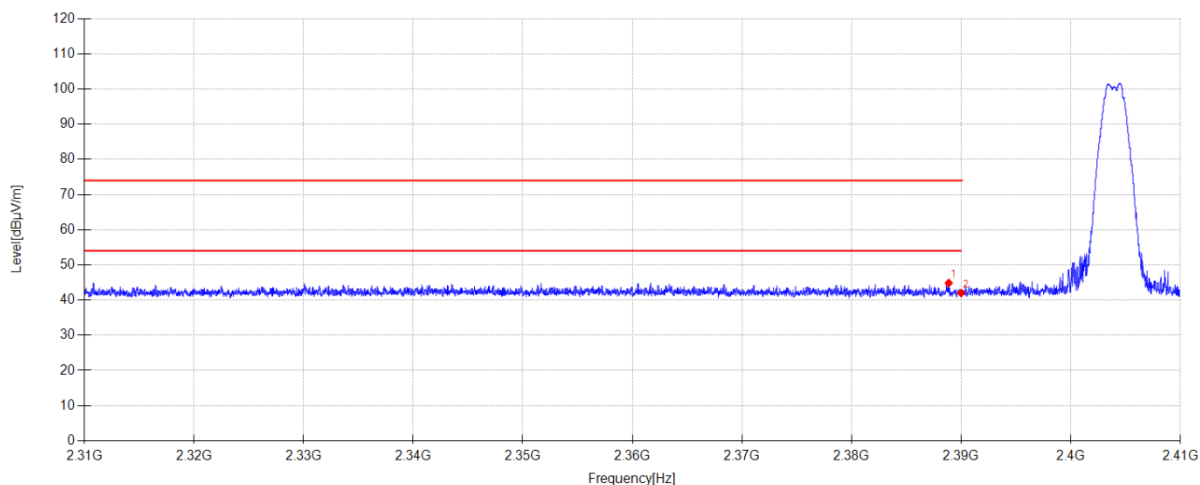
Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.37	27.54	3.88	0.00	42.79	74.00	31.21	PK	Vertical
2	2483.812	14.33	27.54	3.88	0.00	45.75	74.00	28.25	PK	Vertical

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: 2026-06-01 **Tested By:** Cao Jie
Test Mode: TX BLE 2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:22.5°C;Humi:55.6% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\33
Memo: Sample Number: S26052027-001 Right side

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.870	13.62	27.47	3.77	0.00	44.86	74.00	29.14	PK	Horizontal
2	2390.000	10.76	27.46	3.78	0.00	42.00	74.00	32.00	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

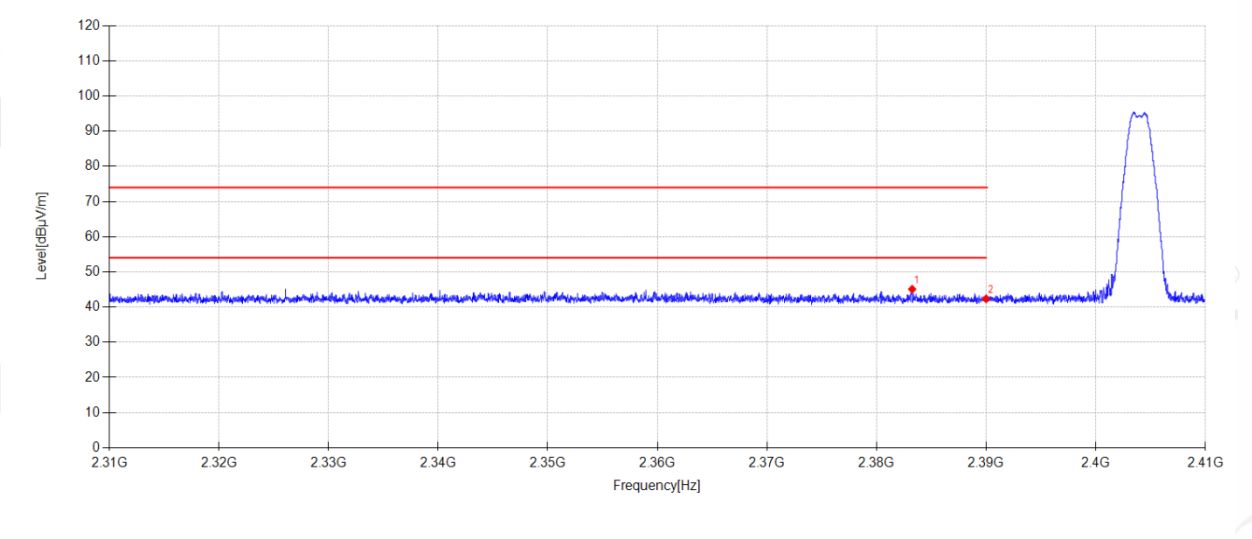
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\34

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.250	13.81	27.50	3.77	0.00	45.08	74.00	28.92	PK	Vertical
2	2390.000	11.10	27.46	3.78	0.00	42.34	74.00	31.66	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

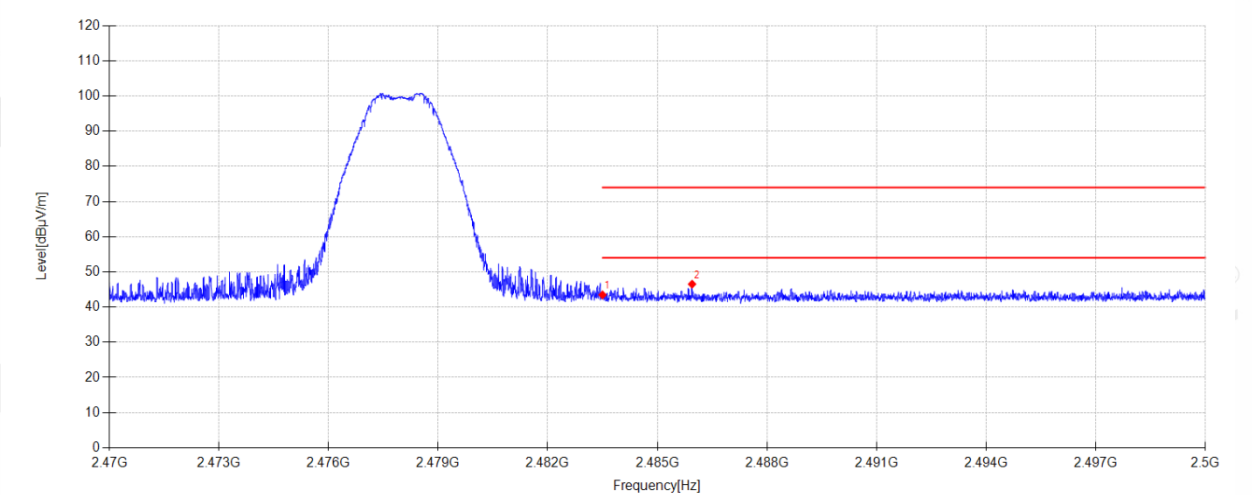
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\35

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	12.05	27.54	3.88	0.00	43.47	74.00	30.53	PK	Horizontal
2	2485.951	15.08	27.56	3.88	0.00	46.52	74.00	27.48	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:

2026-06-01

Tested By:

Cao Jie

Test Mode:

TX BLE 2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:55.6%

Test Site:

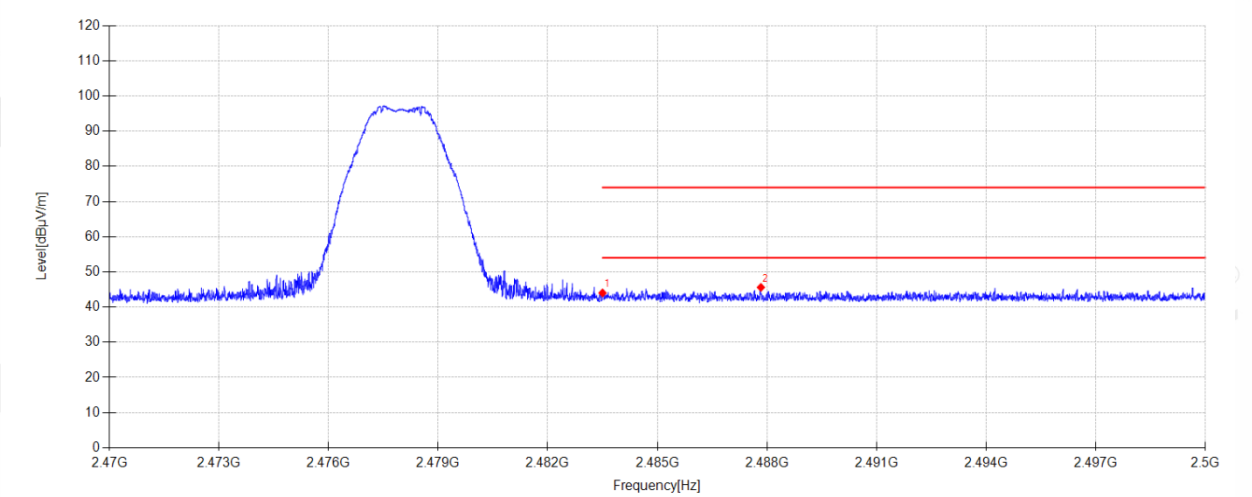
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052027-1E\FCC ABOVE 1G BLE\36

Memo:

Sample Number: S26052027-001 Right side



Suspected Data List										
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	12.60	27.54	3.88	0.00	44.02	74.00	29.98	PK	Vertical
2	2487.835	14.14	27.58	3.88	0.00	45.60	74.00	28.40	PK	Vertical

Note:

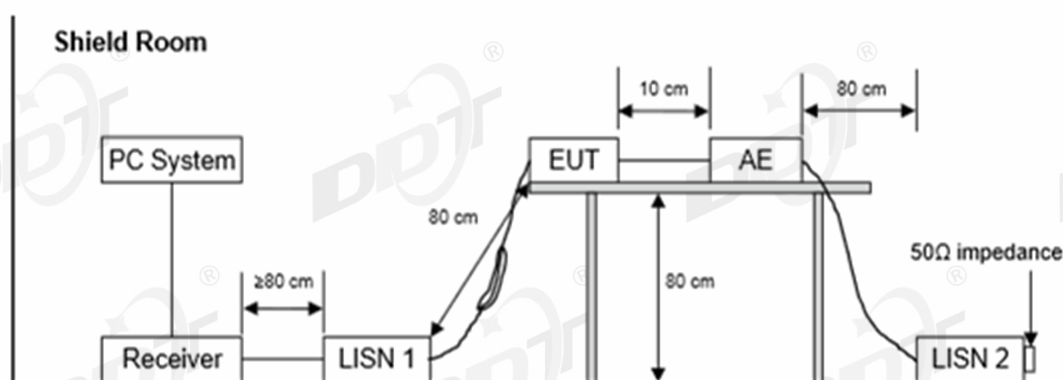
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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	2026/07/06
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	2026/07/06

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level	Average Level
	dB(μV)	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
Adapter	HUAWEI	HW-050450C00	Huawei fast charging-1#/2# venue	Input: 100-240V~50/60Hz, Output: 5V/2A or 4.5V/5A or 5V/4.5A

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.

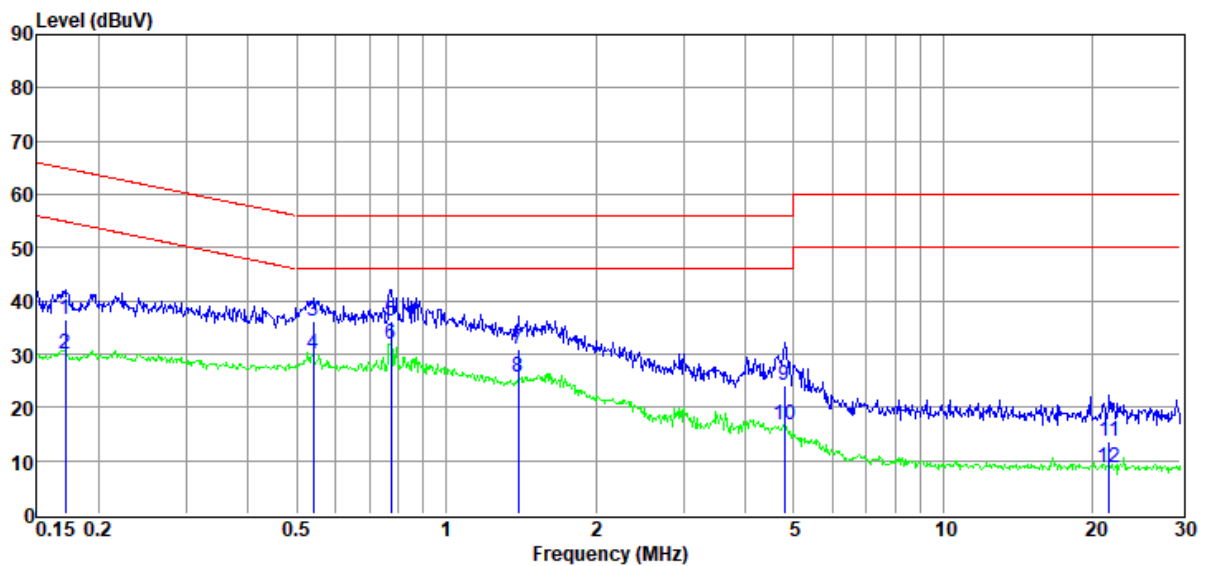
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room D:\2026 report data\Q26052027-1E\0609 CE.EM6
Test Date : 2026-06-09 Tested By : Ling Yisheng
Power Supply : AC 120V/60Hz Test Mode : Tx mode
Condition : Temp:25.1°C,Humi:58.4% ISN : 2025 2# 216/NEUTRAL
Memo : Sample Number: S26052027-001

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	ISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector
1	0.17	16.75	9.49	0.05	10.20	36.49	64.90	28.41	QP
2	0.17	10.14	9.49	0.05	10.20	29.88	54.90	25.02	Average
3	0.54	16.44	9.48	0.08	10.33	36.33	56.00	19.67	QP
4	0.54	10.19	9.48	0.08	10.33	30.08	46.00	15.92	Average
5	0.78	16.30	9.48	0.09	10.37	36.24	56.00	19.76	QP
6	0.78	11.79	9.48	0.09	10.37	31.73	46.00	14.27	Average
7	1.40	10.91	9.49	0.12	10.40	30.92	56.00	25.08	QP
8	1.40	5.53	9.49	0.12	10.40	25.54	46.00	20.46	Average
9	4.80	4.19	9.54	0.18	10.27	24.18	56.00	31.82	QP
10	4.80	-3.32	9.54	0.18	10.27	16.67	46.00	29.33	Average
11	21.60	-7.00	9.94	0.35	10.31	13.60	60.00	46.40	QP
12	21.60	-11.99	9.94	0.35	10.31	8.61	50.00	41.39	Average

Note: 1. Result Level = Read Level + ISN 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: 9 kHz (150 kHz—30 MHz), Step size: 4 kHz, Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2026 report data\Q26052027-1E\0609 CE.EM6

Test Date : 2026-06-09

Tested By : Ling Yisheng

Power Supply : AC 120V/60Hz

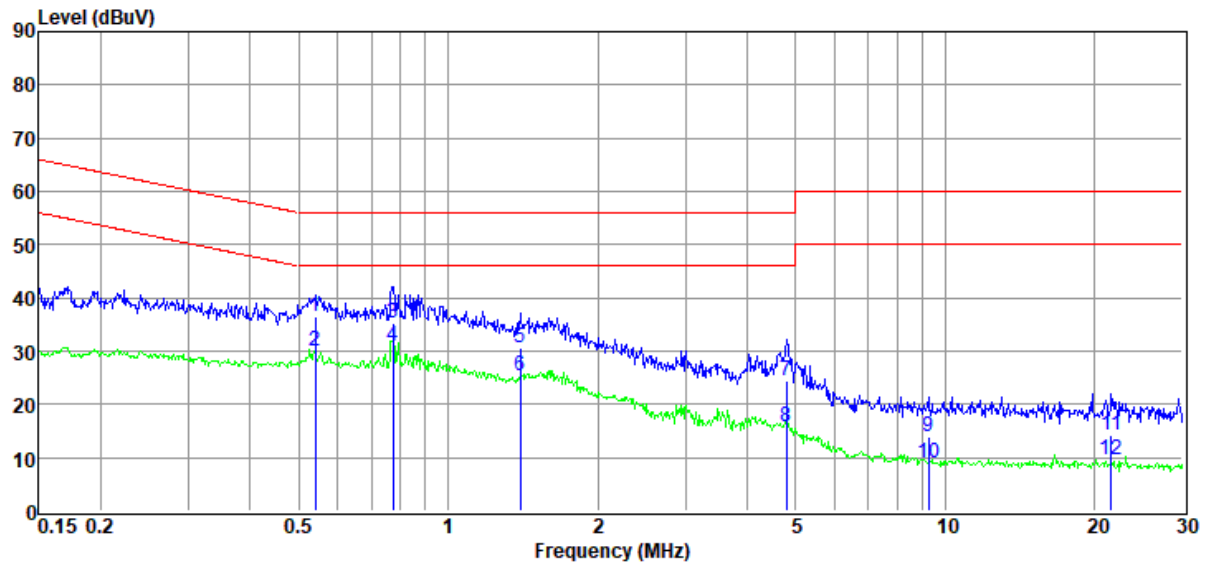
Test Mode : Tx mode

Condition : Temp:25.1°C,Humi:58.4%

ISN : 2025 2# 216/LINE

Memo : Sample Number: S26052027-001

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	ISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector
1	0.54	16.63	9.49	0.08	10.33	36.53	56.00	19.47	QP
2	0.54	10.16	9.49	0.08	10.33	30.06	46.00	15.94	Average
3	0.78	15.29	9.51	0.09	10.37	35.26	56.00	20.74	QP
4	0.78	11.04	9.51	0.09	10.37	31.01	46.00	14.99	Average
5	1.40	10.58	9.50	0.12	10.40	30.60	56.00	25.40	QP
6	1.40	5.26	9.50	0.12	10.40	25.28	46.00	20.72	Average
7	4.80	4.35	9.54	0.18	10.27	24.34	56.00	31.66	QP
8	4.80	-4.07	9.54	0.18	10.27	15.92	46.00	30.08	Average
9	9.25	-6.00	9.57	0.24	10.15	13.96	60.00	46.04	QP
10	9.25	-10.84	9.57	0.24	10.15	9.12	50.00	40.88	Average
11	21.60	-6.10	9.80	0.35	10.31	14.36	60.00	45.64	QP
12	21.60	-10.97	9.80	0.35	10.31	9.49	50.00	40.51	Average

Note: 1. Result Level = Read Level + ISN 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: 9 kHz (150 kHz—30 MHz), Step size: 4 kHz, Scan time: auto.

16. Photos of the EUT

Please refer to DDT-Q26052027-2E appendix I

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