

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

| Frequency band   | RBW     |
|------------------|---------|
| 9 kHz - 150 kHz  | 200 Hz  |
| 150 kHz - 30 MHz | 9 kHz   |
| 30 MHz - 1 GHz   | 120 kHz |

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10 clause 4.1.5.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) For 30 MHz ~ 25 GHz: (Scan with all mode, the worst case is reported)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in worst mode.

## 12.6. Test result

**PASS. (See below detailed test result)**

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-17

Tested By:

Li Xiongbin

Test Mode:

BLE1M 2402MHz TX Mode

Power Supply:

DC 5V

Condition:

Temp:23.4°C;Humi:57.3%

Test Site:

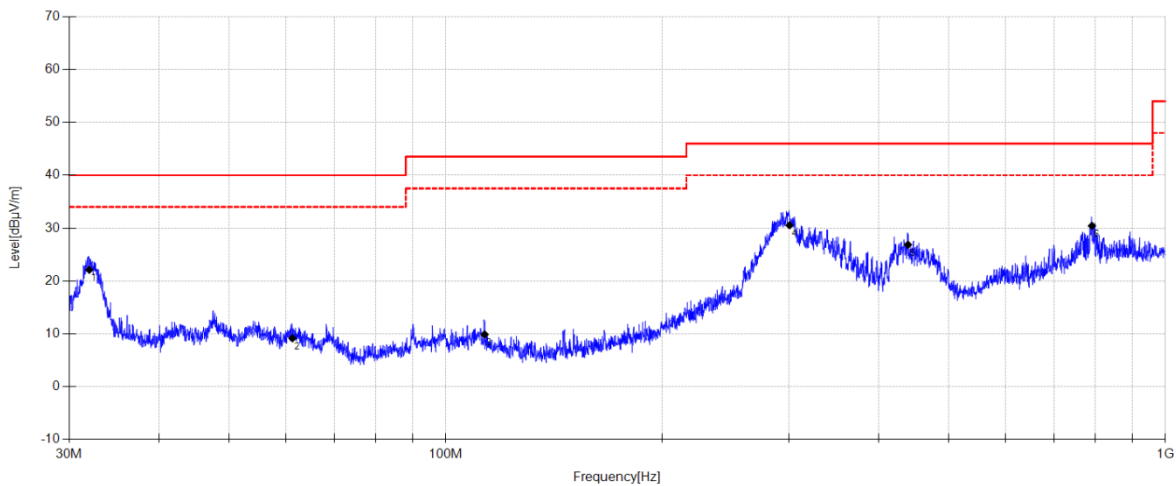
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26060910-2E\FCC Below 1G\1

Memo:

Sample Number:S26060910-003



| Final Data List |             |                  |                     |                 |                 |                |             |          |            |
|-----------------|-------------|------------------|---------------------|-----------------|-----------------|----------------|-------------|----------|------------|
| NO.             | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable Loss [dB] | Result [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1               | 31.977      | 39.73            | 10.89               | 3.81            | 22.13           | 40.00          | 17.87       | QP       | Horizontal |
| 2               | 61.252      | 24.95            | 12.45               | 4.07            | 9.17            | 40.00          | 30.83       | QP       | Horizontal |
| 3               | 113.286     | 26.61            | 11.21               | 4.38            | 9.89            | 43.50          | 33.61       | QP       | Horizontal |
| 4               | 300.440     | 44.03            | 13.63               | 5.28            | 30.54           | 46.00          | 15.46       | QP       | Horizontal |
| 5               | 439.035     | 37.29            | 16.28               | 5.84            | 26.87           | 46.00          | 19.13       | QP       | Horizontal |
| 6               | 790.656     | 35.79            | 20.30               | 6.91            | 30.44           | 46.00          | 15.56       | QP       | Horizontal |

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-17

Tested By:

Li Xiongbín

Test Mode:

BLE1M 2402MHz TX Mode

Power Supply:

DC 5V

Condition:

Temp:23.4°C;Humi:57.3%

Test Site:

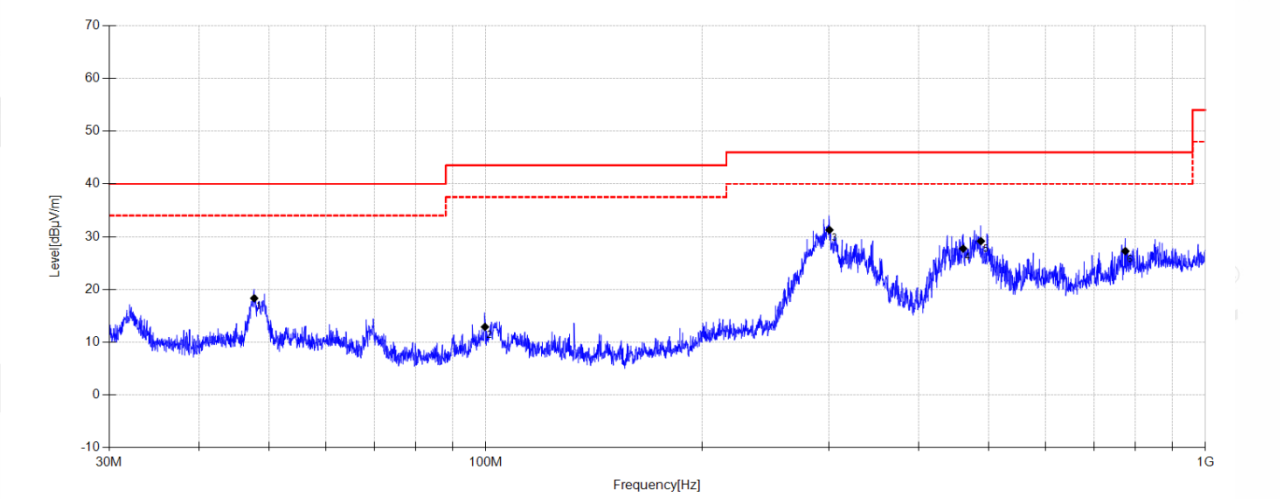
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26060910-2E\FCC Below 1G\2

Memo:

Sample Number:S26060910-003



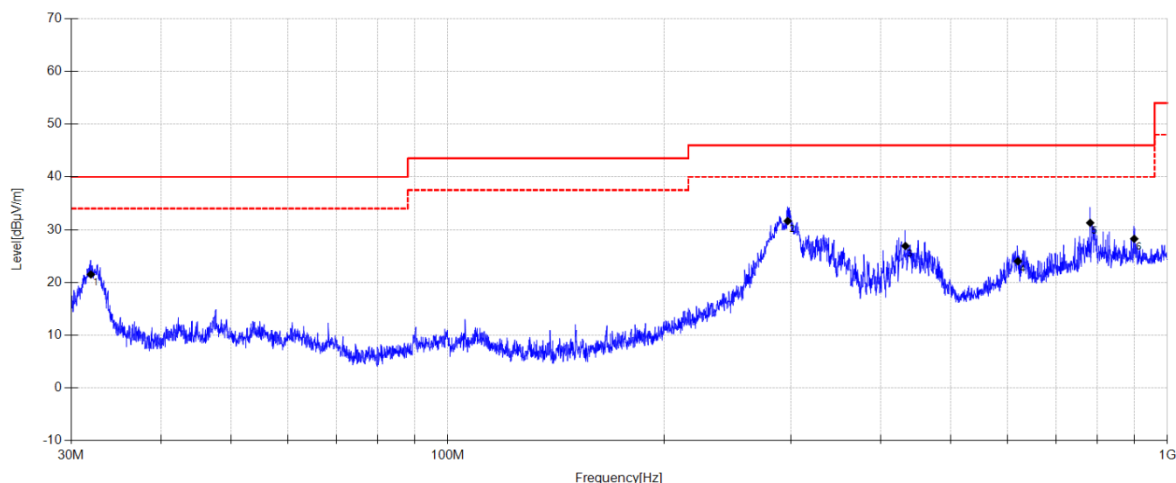
| Final Data List |                |                     |                           |                       |                    |                   |                |          |          |
|-----------------|----------------|---------------------|---------------------------|-----------------------|--------------------|-------------------|----------------|----------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV/m] | Antenna<br>Factor<br>[dB] | Cable<br>Loss<br>[dB] | Result<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Detector | Polarity |
| 1               | 47.688         | 33.4                | 13.26                     | 3.97                  | 18.33              | 40.00             | 21.67          | QP       | Vertical |
| 2               | 99.784         | 29.04               | 11.87                     | 4.30                  | 12.91              | 43.50             | 30.59          | QP       | Vertical |
| 3               | 300.440        | 44.77               | 13.63                     | 5.28                  | 31.28              | 46.00             | 14.72          | QP       | Vertical |
| 4               | 460.799        | 38.2                | 16.20                     | 5.91                  | 27.75              | 46.00             | 18.25          | QP       | Vertical |
| 5               | 487.727        | 39.17               | 16.58                     | 6.00                  | 29.16              | 46.00             | 16.84          | QP       | Vertical |
| 6               | 774.198        | 33.06               | 19.99                     | 6.86                  | 27.26              | 46.00             | 18.74          | QP       | Vertical |

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2026-06-17 **Tested By:** Li Xiongbin  
**Test Mode:** BLE2M 2404MHz TX Mode **Power Supply:** DC 5V  
**Condition:** Temp:23.4°C;Humi:57.3% **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2026 report data\Q26060910-2E\FCC Below 1G\3  
**Memo:** Sample Number:S26060910-003

**Final Data List**

| NO. | Freq.<br>[MHz] | Reading<br>[dBμV/m] | Antenna<br>Factor<br>[dB] | Cable<br>Loss<br>[dB] | Result<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Detector | Polarity   |
|-----|----------------|---------------------|---------------------------|-----------------------|--------------------|-------------------|----------------|----------|------------|
| 1   | 31.932         | 39.15               | 10.86                     | 3.81                  | 21.52              | 40.00             | 18.48          | QP       | Horizontal |
| 2   | 296.880        | 45.36               | 13.41                     | 5.27                  | 31.64              | 46.00             | 14.36          | QP       | Horizontal |
| 3   | 432.618        | 37.61               | 16.01                     | 5.82                  | 26.91              | 46.00             | 19.09          | QP       | Horizontal |
| 4   | 619.899        | 31.47               | 18.99                     | 6.45                  | 24.01              | 46.00             | 21.99          | QP       | Horizontal |
| 5   | 781.287        | 36.74               | 20.29                     | 6.88                  | 31.30              | 46.00             | 14.70          | QP       | Horizontal |
| 6   | 899.535        | 31.21               | 21.85                     | 7.11                  | 28.27              | 46.00             | 17.73          | QP       | Horizontal |

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-17

Tested By:

Li Xiongbín

Test Mode:

BLE2M 2404MHz TX Mode

Power Supply:

DC 5V

Condition:

Temp:23.4°C;Humi:57.3%

Test Site:

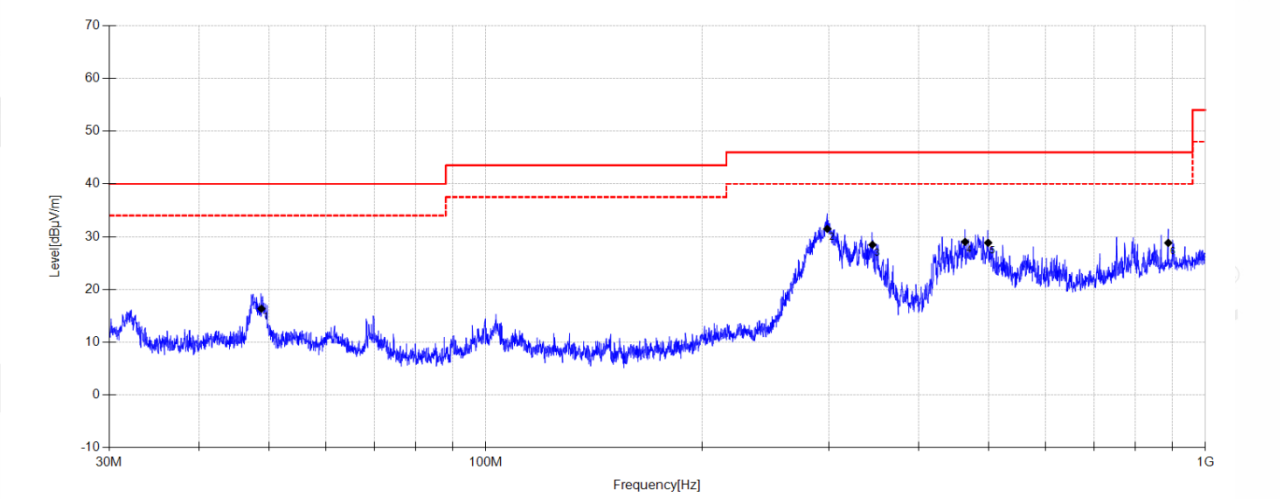
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26060910-2E\FCC Below 1G\4

Memo:

Sample Number:S26060910-003



| Final Data List |             |                  |                     |                 |                 |                |             |          |          |
|-----------------|-------------|------------------|---------------------|-----------------|-----------------|----------------|-------------|----------|----------|
| NO.             | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable Loss [dB] | Result [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1               | 48.804      | 31.17            | 13.52               | 3.97            | 16.36           | 40.00          | 23.64       | QP       | Vertical |
| 2               | 298.340     | 45.11            | 13.50               | 5.27            | 31.48           | 46.00          | 14.52       | QP       | Vertical |
| 3               | 344.701     | 40.68            | 14.76               | 5.47            | 28.47           | 46.00          | 17.53       | QP       | Vertical |
| 4               | 463.716     | 39.46            | 16.20               | 5.92            | 29.02           | 46.00          | 16.98       | QP       | Vertical |
| 5               | 499.144     | 38.25            | 17.16               | 6.04            | 28.85           | 46.00          | 17.15       | QP       | Vertical |
| 6               | 888.254     | 32.14            | 21.57               | 7.09            | 28.83           | 46.00          | 17.17       | QP       | Vertical |

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

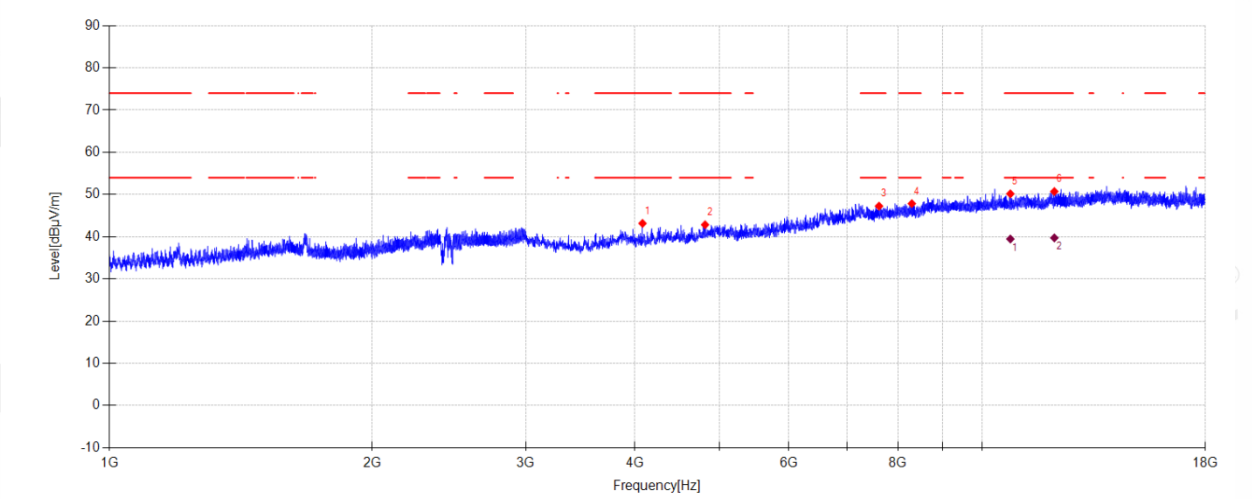
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\15

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 4080.000    | 51.96            | 31.60               | -40.40          | 43.16          | 74.00          | 30.84       | PK       | Horizontal |
| 2                   | 4812.000    | 50.00            | 33.25               | -40.42          | 42.83          | 74.00          | 31.17       | PK       | Horizontal |
| 3                   | 7612.500    | 48.82            | 37.23               | -38.80          | 47.25          | 74.00          | 26.75       | PK       | Horizontal |
| 4                   | 8301.000    | 47.98            | 38.00               | -38.14          | 47.84          | 74.00          | 26.16       | PK       | Horizontal |
| 5                   | 10764.000   | 46.09            | 40.00               | -35.93          | 50.16          | 74.00          | 23.84       | PK       | Horizontal |
| 6                   | 12087.000   | 45.70            | 39.89               | -34.88          | 50.71          | 74.00          | 23.29       | 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               | 10764.000   | 35.39            | 40.00               | -35.93          | 39.46          | 54.00          | 14.54       | AV       | Horizontal |
| 2               | 12087.000   | 34.71            | 39.89               | -34.88          | 39.72          | 54.00          | 14.28       | AV       | Horizontal |

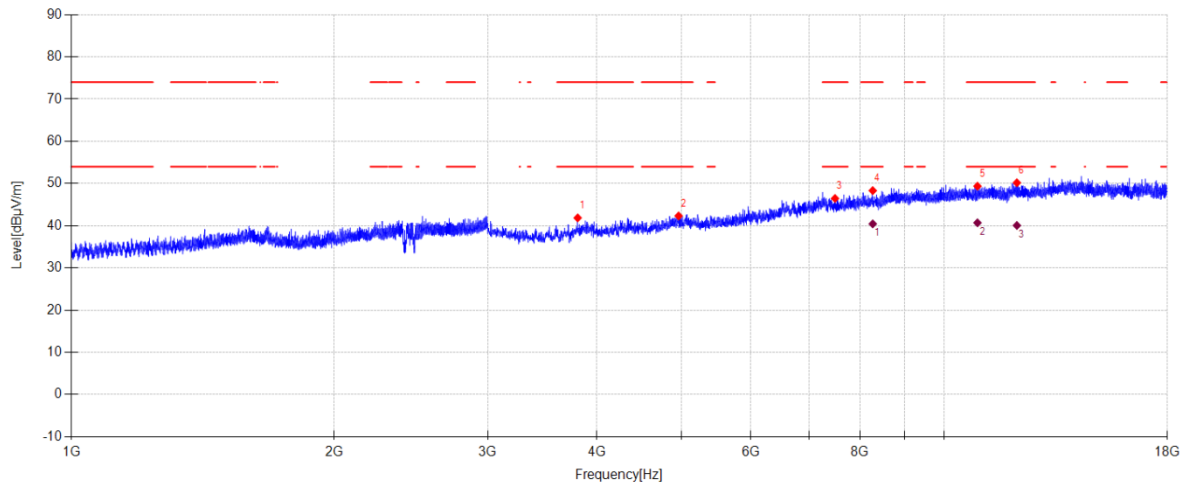
Note:

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:** 2026-06-13 **Tested By:** Cao Jie  
**Test Mode:** TX BLE1M 2480MHz Mode **Power Supply:** DC 3.3V  
**Condition:** Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room  
**File Path:** d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\16  
**Memo:** Sample Number:S26060910-003 Power Setting:10



### 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  | 3801.000    | 50.96            | 31.21               | -40.32          | 41.85          | 74.00          | 32.15       | PK       | Vertical |
| 2  | 4960.500    | 49.10            | 33.74               | -40.52          | 42.32          | 74.00          | 31.68       | PK       | Vertical |
| 3  | 7492.500    | 48.35            | 37.10               | -38.98          | 46.47          | 74.00          | 27.53       | PK       | Vertical |
| 4  | 8277.000    | 48.53            | 37.95               | -38.16          | 48.32          | 74.00          | 25.68       | PK       | Vertical |
| 5  | 10909.500   | 44.87            | 39.88               | -35.38          | 49.37          | 74.00          | 24.63       | PK       | Vertical |
| 6  | 12105.000   | 45.20            | 39.90               | -34.92          | 50.18          | 74.00          | 23.82       | 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  | 8277.000    | 40.65            | 37.95               | -38.16          | 40.44          | 54.00          | 13.56       | AV       | Vertical |
| 2  | 10909.500   | 36.19            | 39.88               | -35.38          | 40.69          | 54.00          | 13.31       | AV       | Vertical |
| 3  | 12105.000   | 35.08            | 39.90               | -34.92          | 40.06          | 54.00          | 13.94       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2440MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

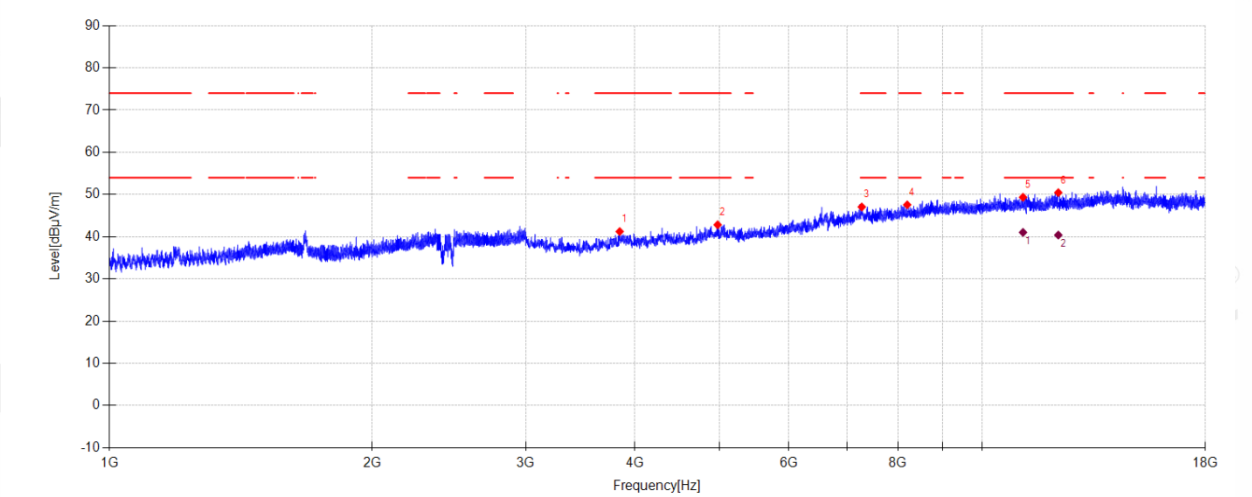
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\17

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 3841.500    | 49.97            | 31.45               | -40.20          | 41.22          | 74.00          | 32.78       | PK       | Horizontal |
| 2                   | 4974.000    | 49.57            | 33.80               | -40.55          | 42.82          | 74.00          | 31.18       | PK       | Horizontal |
| 3                   | 7273.500    | 48.50            | 37.75               | -39.19          | 47.06          | 74.00          | 26.94       | PK       | Horizontal |
| 4                   | 8200.500    | 47.91            | 37.90               | -38.24          | 47.57          | 74.00          | 26.43       | PK       | Horizontal |
| 5                   | 11128.500   | 44.94            | 39.76               | -35.35          | 49.35          | 74.00          | 24.65       | PK       | Horizontal |
| 6                   | 12214.500   | 45.53            | 39.89               | -34.97          | 50.45          | 74.00          | 23.55       | 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               | 11128.500   | 36.62            | 39.76               | -35.35          | 41.03          | 54.00          | 12.97       | AV       | Horizontal |
| 2               | 12214.500   | 35.48            | 39.89               | -34.97          | 40.40          | 54.00          | 13.60       | AV       | Horizontal |

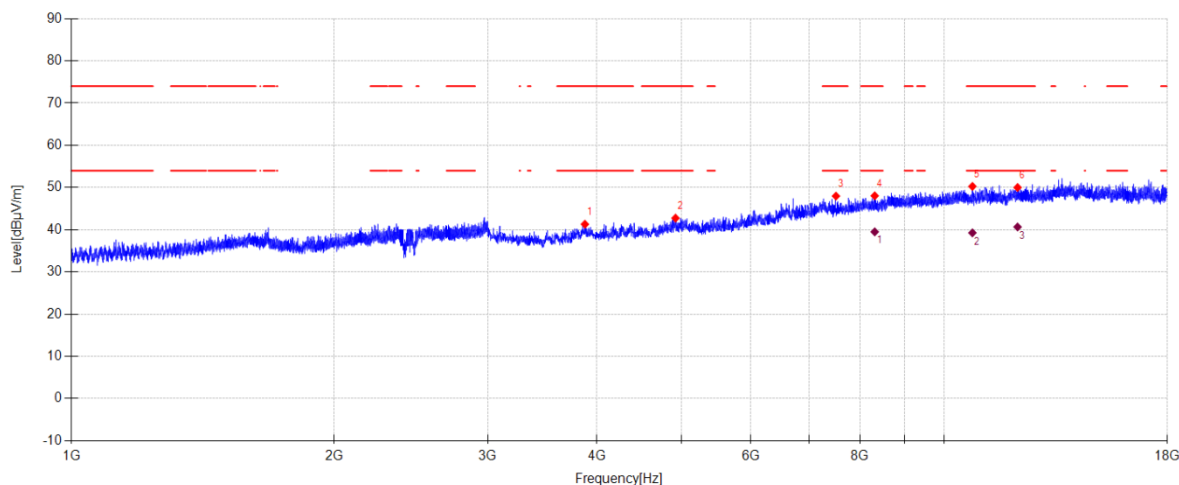
Note:

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:** 2026-06-13 **Tested By:** Cao Jie  
**Test Mode:** TX BLE1M 2440MHz Mode **Power Supply:** DC 3.3V  
**Condition:** Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room  
**File Path:** d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\18  
**Memo:** Sample Number:S26060910-003 Power Setting:10

**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  | 3874.500    | 49.85            | 31.55               | -40.10          | 41.30          | 74.00          | 32.70       | PK       | Vertical |
| 2  | 4920.000    | 49.60            | 33.58               | -40.43          | 42.75          | 74.00          | 31.25       | PK       | Vertical |
| 3  | 7512.000    | 49.84            | 37.10               | -38.97          | 47.97          | 74.00          | 26.03       | PK       | Vertical |
| 4  | 8320.500    | 48.26            | 38.00               | -38.23          | 48.03          | 74.00          | 25.97       | PK       | Vertical |
| 5  | 10765.500   | 46.19            | 40.00               | -35.93          | 50.26          | 74.00          | 23.74       | PK       | Vertical |
| 6  | 12126.000   | 45.03            | 39.90               | -34.93          | 50.00          | 74.00          | 24.00       | PK       | Vertical |

**Final Data List**

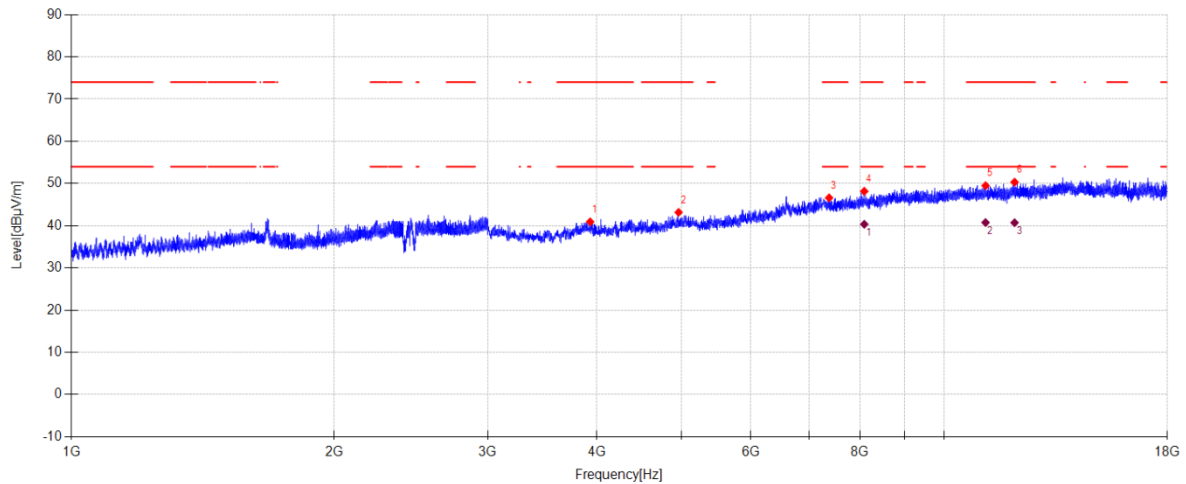
| NO | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|----|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|
| 1  | 8320.500    | 39.72            | 38.00               | -38.23          | 39.49          | 54.00          | 14.51       | AV       | Vertical |
| 2  | 10765.500   | 35.19            | 40.00               | -35.93          | 39.26          | 54.00          | 14.74       | AV       | Vertical |
| 3  | 12126.000   | 35.68            | 39.90               | -34.93          | 40.65          | 54.00          | 13.35       | 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:** 2026-06-13 **Tested By:** Cao Jie  
**Test Mode:** TX BLE1M 2402MHz Mode **Power Supply:** DC 3.3V  
**Condition:** Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room  
**File Path:** d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\19  
**Memo:** Sample Number:S26060910-003 Power Setting:10

**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  | 3928.500    | 49.45            | 31.66               | -40.19          | 40.92          | 74.00          | 33.08       | PK       | Horizontal |
| 2  | 4960.500    | 49.94            | 33.74               | -40.52          | 43.16          | 74.00          | 30.84       | PK       | Horizontal |
| 3  | 7377.000    | 48.25            | 37.29               | -38.93          | 46.61          | 74.00          | 27.39       | PK       | Horizontal |
| 4  | 8094.000    | 48.76            | 37.90               | -38.50          | 48.16          | 74.00          | 25.84       | PK       | Horizontal |
| 5  | 11145.000   | 45.07            | 39.79               | -35.37          | 49.49          | 74.00          | 24.51       | PK       | Horizontal |
| 6  | 12031.500   | 45.21            | 39.83               | -34.72          | 50.32          | 74.00          | 23.68       | PK       | Horizontal |

**Final Data List**

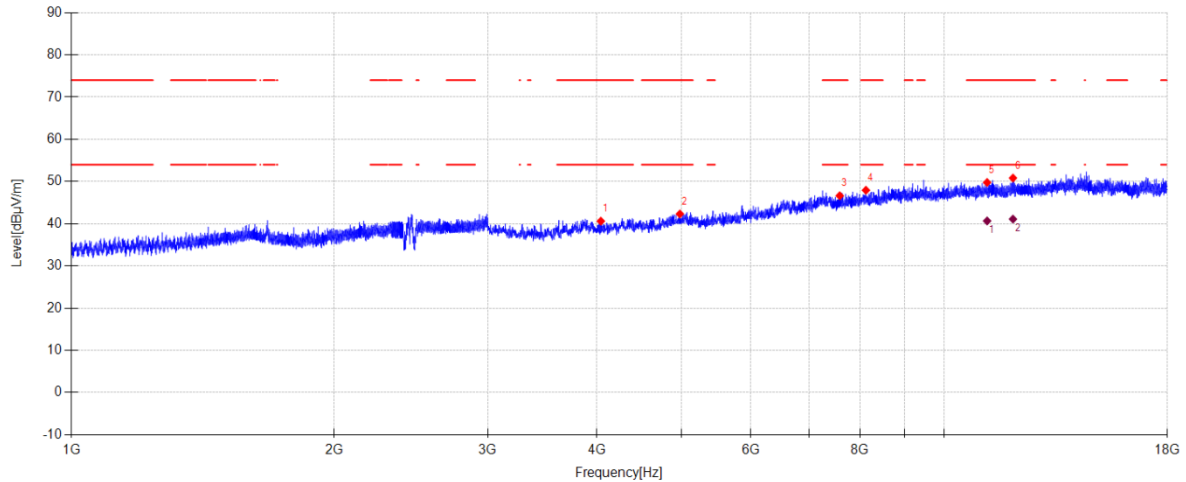
| NO | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|----|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|
| 1  | 8094.000    | 40.94            | 37.90               | -38.50          | 40.34          | 54.00          | 13.66       | AV       | Horizontal |
| 2  | 11145.000   | 36.33            | 39.79               | -35.37          | 40.75          | 54.00          | 13.25       | AV       | Horizontal |
| 3  | 12031.500   | 35.61            | 39.83               | -34.72          | 40.72          | 54.00          | 13.28       | 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:** 2026-06-13 **Tested By:** Cao Jie  
**Test Mode:** TX BLE1M 2402MHz Mode **Power Supply:** DC 3.3V  
**Condition:** Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room  
**File Path:** d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\20  
**Memo:** Sample Number:S26060910-003 Power Setting:10



### 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  | 4041.000    | 49.50            | 31.60               | -40.49          | 40.61          | 74.00          | 33.39       | PK       | Vertical |
| 2  | 4977.000    | 49.05            | 33.81               | -40.55          | 42.31          | 74.00          | 31.69       | PK       | Vertical |
| 3  | 7587.000    | 48.28            | 37.17               | -38.82          | 46.63          | 74.00          | 27.37       | PK       | Vertical |
| 4  | 8130.000    | 48.45            | 37.90               | -38.42          | 47.93          | 74.00          | 26.07       | PK       | Vertical |
| 5  | 11190.000   | 45.30            | 39.88               | -35.41          | 49.77          | 74.00          | 24.23       | PK       | Vertical |
| 6  | 11980.500   | 45.70            | 39.76               | -34.64          | 50.82          | 74.00          | 23.18       | 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  | 11190.000   | 36.19            | 39.88               | -35.41          | 40.66          | 54.00          | 13.34       | AV       | Vertical |
| 2  | 11980.500   | 35.98            | 39.76               | -34.64          | 41.10          | 54.00          | 12.90       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

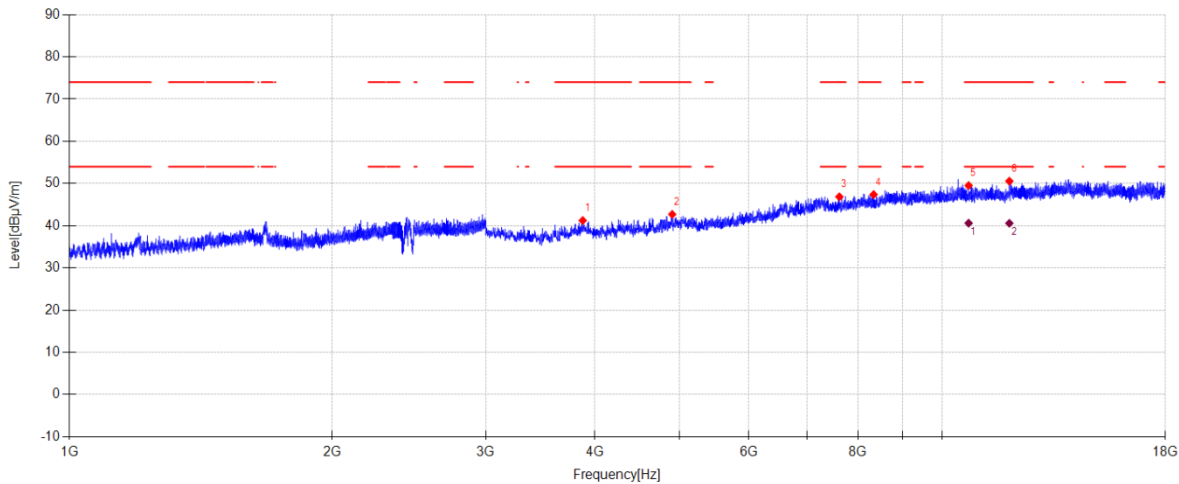
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\21

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 3873.000    | 49.79            | 31.55               | -40.11          | 41.23          | 74.00          | 32.77       | PK       | Horizontal |
| 2                   | 4903.500    | 49.59            | 33.51               | -40.40          | 42.70          | 74.00          | 31.30       | PK       | Horizontal |
| 3                   | 7620.000    | 48.42            | 37.24               | -38.80          | 46.86          | 74.00          | 27.14       | PK       | Horizontal |
| 4                   | 8340.000    | 47.70            | 38.00               | -38.31          | 47.39          | 74.00          | 26.61       | PK       | Horizontal |
| 5                   | 10714.500   | 45.46            | 40.00               | -35.94          | 49.52          | 74.00          | 24.48       | PK       | Horizontal |
| 6                   | 11929.500   | 45.57            | 39.66               | -34.67          | 50.56          | 74.00          | 23.44       | 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               | 10714.500   | 36.54            | 40.00               | -35.94          | 40.60          | 54.00          | 13.40       | AV       | Horizontal |
| 2               | 11929.500   | 35.59            | 39.66               | -34.67          | 40.58          | 54.00          | 13.42       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

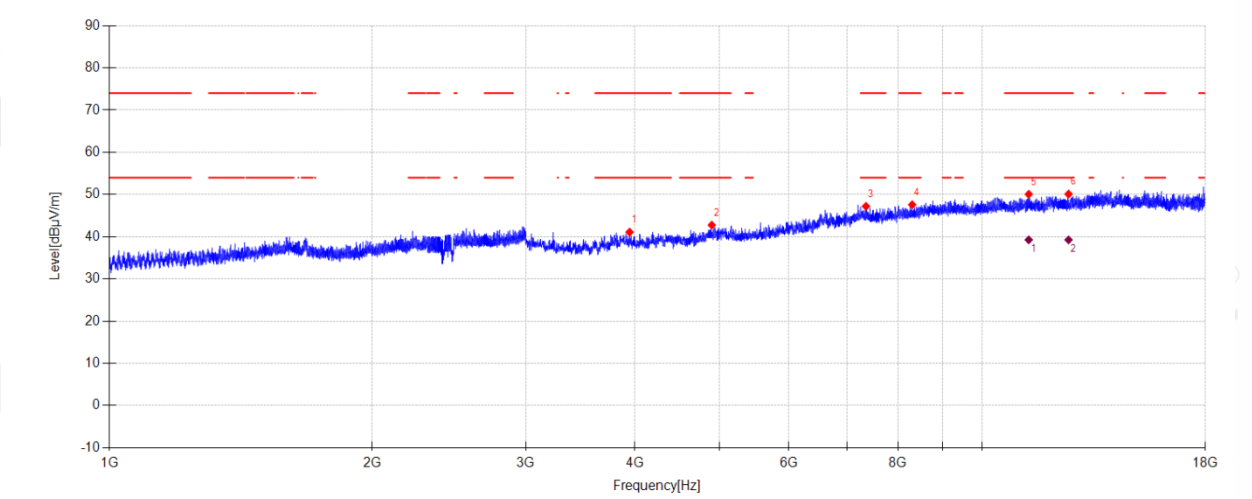
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\22

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 3943.500    | 49.67            | 31.69               | -40.27          | 41.09          | 74.00          | 32.91       | PK       | Vertical |
| 2                   | 4897.500    | 49.65            | 33.50               | -40.39          | 42.76          | 74.00          | 31.24       | PK       | Vertical |
| 3                   | 7354.500    | 48.80            | 37.38               | -38.98          | 47.20          | 74.00          | 26.80       | PK       | Vertical |
| 4                   | 8308.500    | 47.76            | 38.00               | -38.18          | 47.58          | 74.00          | 26.42       | PK       | Vertical |
| 5                   | 11298.000   | 45.49            | 40.00               | -35.43          | 50.06          | 74.00          | 23.94       | PK       | Vertical |
| 6                   | 12549.000   | 45.26            | 39.90               | -35.06          | 50.10          | 74.00          | 23.90       | 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               | 11298.000   | 34.69            | 40.00               | -35.43          | 39.26          | 54.00          | 14.74       | AV       | Vertical |
| 2               | 12549.000   | 34.42            | 39.90               | -35.06          | 39.26          | 54.00          | 14.74       | AV       | Vertical |

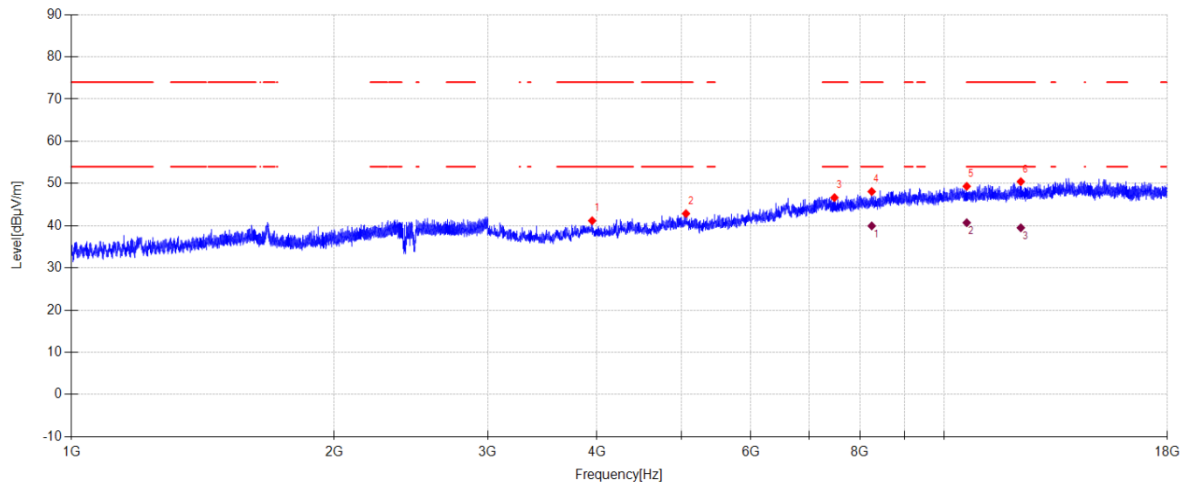
Note:

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:** 2026-06-13 **Tested By:** Cao Jie  
**Test Mode:** TX BLE2M 2440MHz Mode **Power Supply:** DC 3.3V  
**Condition:** Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room  
**File Path:** d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\23  
**Memo:** Sample Number:S26060910-003 Power Setting:10



### Suspected Data List

| NO | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|----|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|
| 1  | 3949.500    | 49.78            | 31.70               | -40.30          | 41.18          | 74.00          | 32.82       | PK       | Horizontal |
| 2  | 5058.000    | 49.17            | 34.00               | -40.30          | 42.87          | 74.00          | 31.13       | PK       | Horizontal |
| 3  | 7482.000    | 48.53            | 37.10               | -38.97          | 46.66          | 74.00          | 27.34       | PK       | Horizontal |
| 4  | 8254.500    | 48.37            | 37.91               | -38.19          | 48.09          | 74.00          | 25.91       | PK       | Horizontal |
| 5  | 10605.000   | 45.36            | 39.81               | -35.84          | 49.33          | 74.00          | 24.67       | PK       | Horizontal |
| 6  | 12231.000   | 45.55            | 39.87               | -34.97          | 50.45          | 74.00          | 23.55       | 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  | 8254.500    | 40.23            | 37.91               | -38.19          | 39.95          | 54.00          | 14.05       | AV       | Horizontal |
| 2  | 10605.000   | 36.74            | 39.81               | -35.84          | 40.71          | 54.00          | 13.29       | AV       | Horizontal |
| 3  | 12231.000   | 34.61            | 39.87               | -34.97          | 39.51          | 54.00          | 14.49       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2440MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

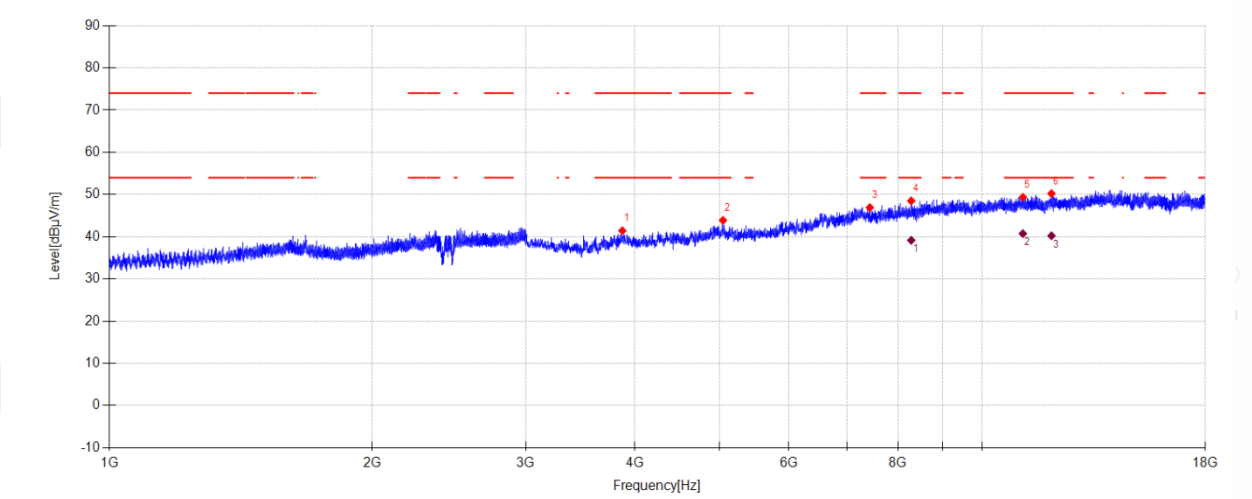
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\24

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 49.99            | 31.54               | -40.12          | 41.41          | 74.00          | 32.59       | PK       | Vertical |
| 2                   | 5044.500    | 50.26            | 33.99               | -40.37          | 43.88          | 74.00          | 30.12       | PK       | Vertical |
| 3                   | 7429.500    | 48.68            | 37.14               | -38.91          | 46.91          | 74.00          | 27.09       | PK       | Vertical |
| 4                   | 8287.500    | 48.66            | 37.98               | -38.15          | 48.49          | 74.00          | 25.51       | PK       | Vertical |
| 5                   | 11124.000   | 44.94            | 39.75               | -35.34          | 49.35          | 74.00          | 24.65       | PK       | Vertical |
| 6                   | 11997.000   | 45.06            | 39.79               | -34.63          | 50.22          | 74.00          | 23.78       | 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               | 8287.500    | 39.32            | 37.98               | -38.15          | 39.15          | 54.00          | 14.85       | AV       | Vertical |
| 2               | 11124.000   | 36.32            | 39.75               | -35.34          | 40.73          | 54.00          | 13.27       | AV       | Vertical |
| 3               | 11997.000   | 35.06            | 39.79               | -34.63          | 40.22          | 54.00          | 13.78       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

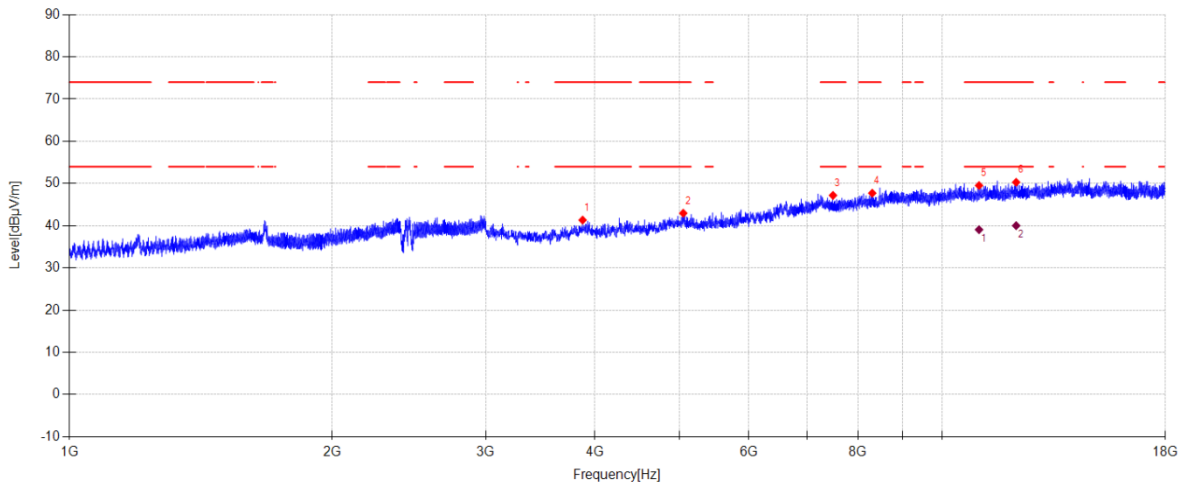
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\25

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 3871.500    | 49.91            | 31.54               | -40.11          | 41.34          | 74.00          | 32.66       | PK       | Horizontal |
| 2                   | 5047.500    | 49.32            | 34.00               | -40.36          | 42.96          | 74.00          | 31.04       | PK       | Horizontal |
| 3                   | 7492.500    | 49.06            | 37.10               | -38.98          | 47.18          | 74.00          | 26.82       | PK       | Horizontal |
| 4                   | 8310.000    | 47.90            | 38.00               | -38.18          | 47.72          | 74.00          | 26.28       | PK       | Horizontal |
| 5                   | 11013.000   | 44.98            | 39.70               | -35.16          | 49.52          | 74.00          | 24.48       | PK       | Horizontal |
| 6                   | 12145.500   | 45.34            | 39.90               | -34.94          | 50.30          | 74.00          | 23.70       | 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               | 11013.000   | 34.53            | 39.70               | -35.16          | 39.07          | 54.00          | 14.93       | AV       | Horizontal |
| 2               | 12145.500   | 35.06            | 39.90               | -34.94          | 40.02          | 54.00          | 13.98       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

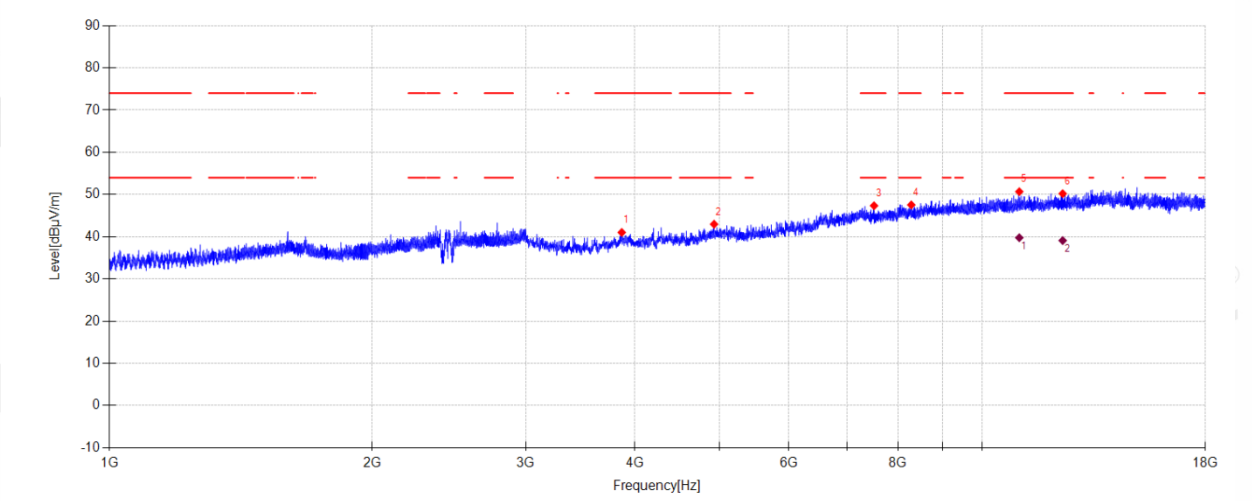
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\26

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 49.63            | 31.53               | -40.14          | 41.02          | 74.00          | 32.98       | PK       | Vertical |
| 2                   | 4927.500    | 49.80            | 33.61               | -40.45          | 42.96          | 74.00          | 31.04       | PK       | Vertical |
| 3                   | 7513.500    | 49.20            | 37.10               | -38.96          | 47.34          | 74.00          | 26.66       | PK       | Vertical |
| 4                   | 8289.000    | 47.71            | 37.98               | -38.15          | 47.54          | 74.00          | 26.46       | PK       | Vertical |
| 5                   | 11020.500   | 46.16            | 39.70               | -35.18          | 50.68          | 74.00          | 23.32       | PK       | Vertical |
| 6                   | 12357.000   | 45.38            | 39.74               | -34.92          | 50.20          | 74.00          | 23.80       | 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               | 11020.500   | 35.24            | 39.70               | -35.18          | 39.76          | 54.00          | 14.24       | AV       | Vertical |
| 2               | 12357.000   | 34.27            | 39.74               | -34.92          | 39.09          | 54.00          | 14.91       | AV       | Vertical |

Note:

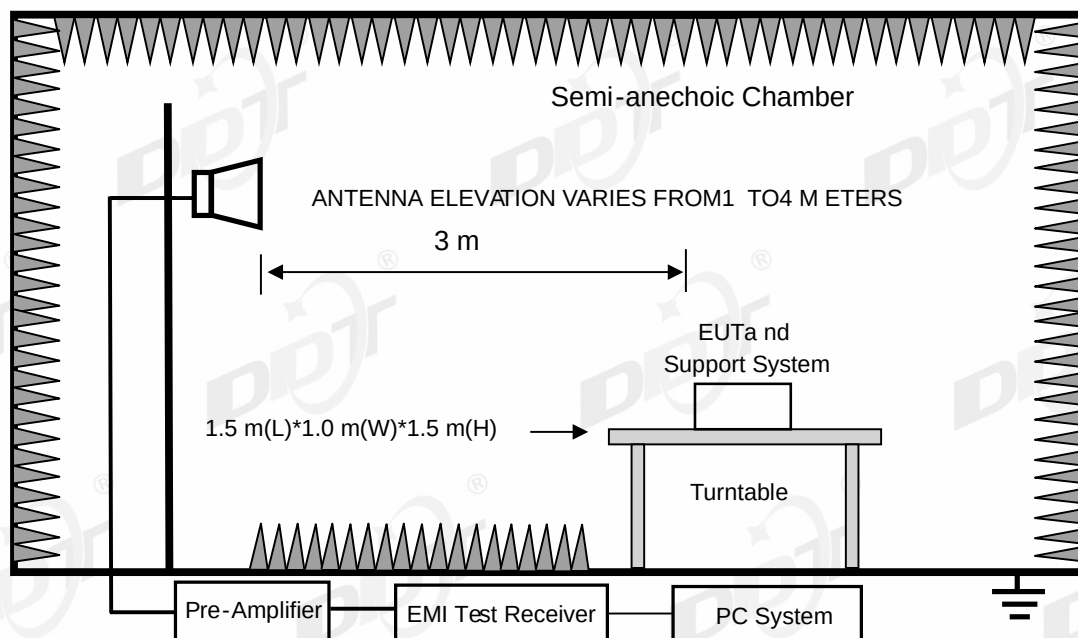
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

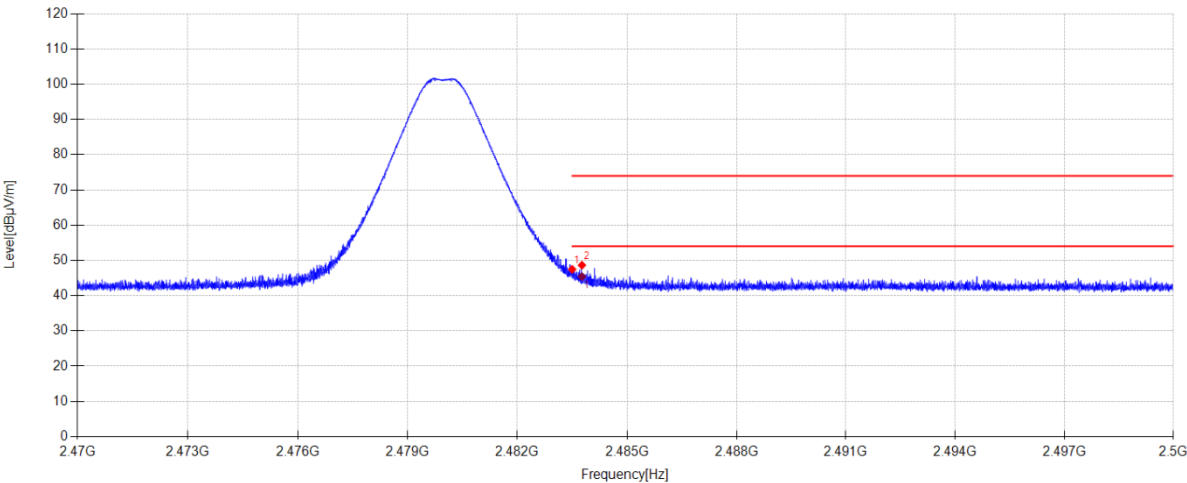
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\27

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 47.58           | 28.60               | -28.72          | 47.46          | 74.00          | 26.54       | PK       | Horizontal |
| 2                   | 2483.767    | 48.75           | 28.60               | -28.72          | 48.63          | 74.00          | 25.37       | PK       | Horizontal |

| Final Data List |             |                  |                     |                 |                |                |             |          |            |
|-----------------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|
| NO              | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1               | 2483.767    | 45.52            | 28.60               | -28.72          | 45.40          | 54.00          | 8.60        | AV       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

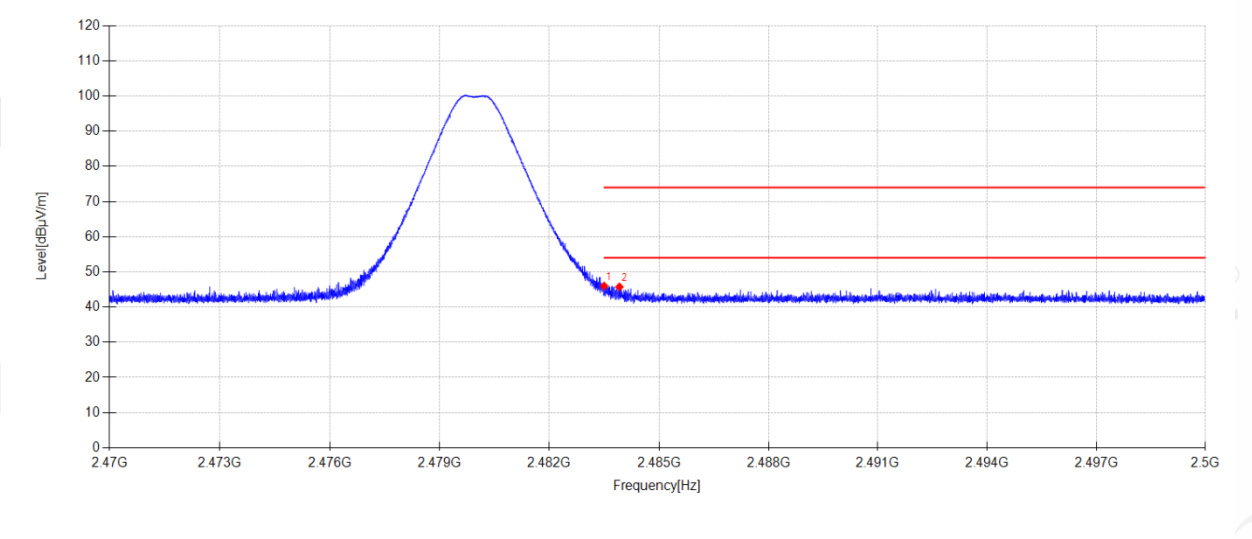
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\28

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 46.10           | 28.60               | -28.72          | 45.98          | 74.00          | 28.02       | PK       | Vertical |
| 2                   | 2483.917    | 45.87           | 28.60               | -28.72          | 45.75          | 74.00          | 28.25       | PK       | Vertical |

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

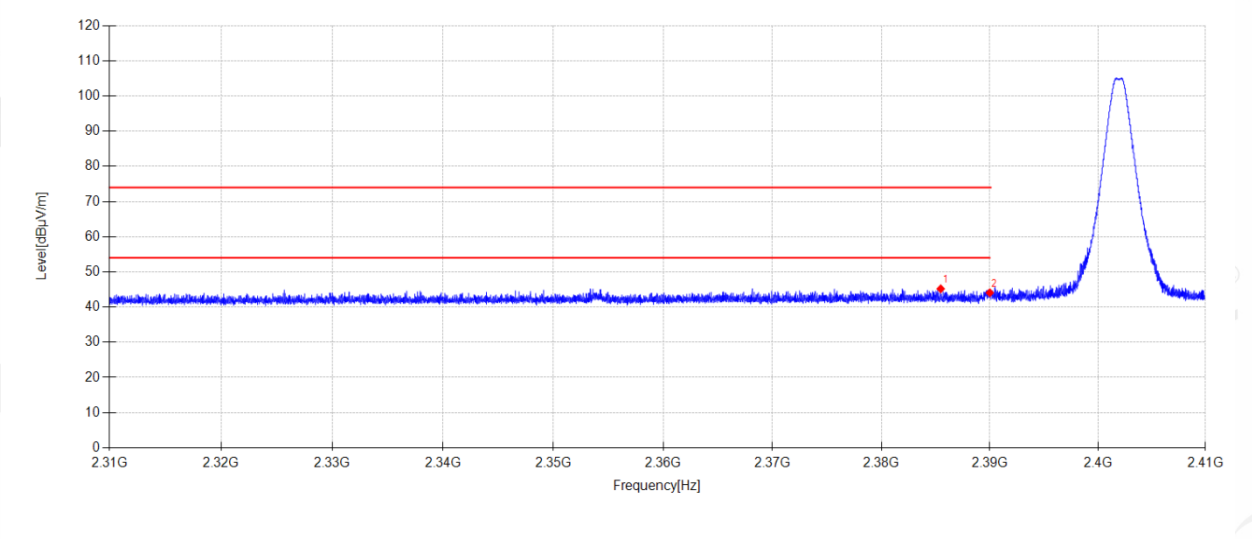
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\29

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 2385.470    | 45.66           | 28.17               | -28.64          | 45.19          | 74.00          | 28.81       | PK       | Horizontal |
| 2                   | 2390.000    | 44.53           | 28.18               | -28.63          | 44.08          | 74.00          | 29.92       | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

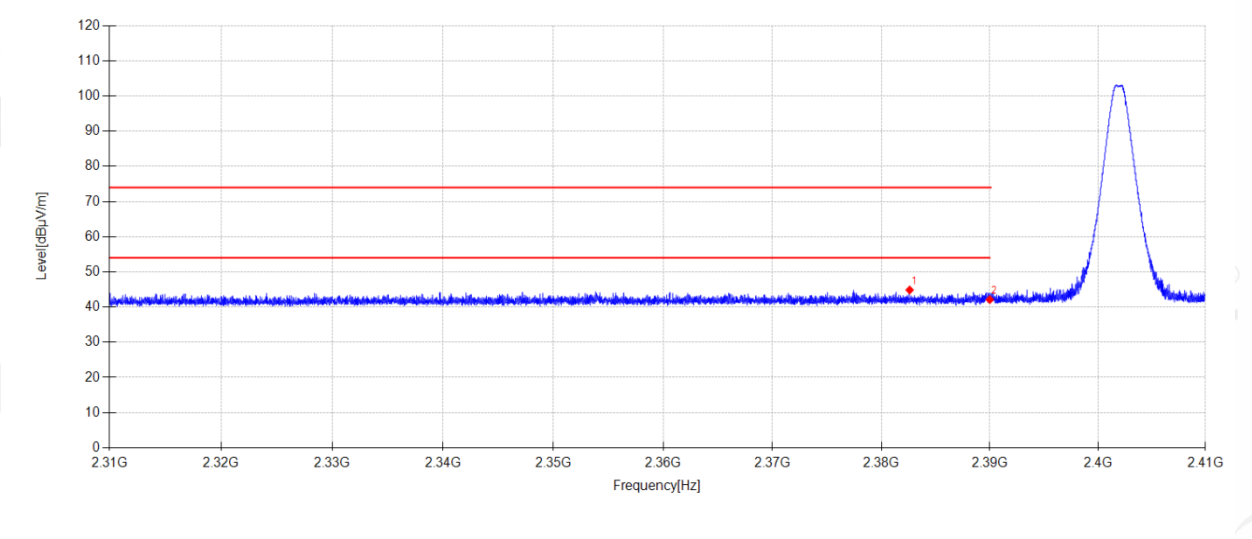
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\30

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 2382.600    | 45.34           | 28.17               | -28.65          | 44.86          | 74.00          | 29.14       | PK       | Vertical |
| 2                   | 2390.000    | 42.56           | 28.18               | -28.63          | 42.11          | 74.00          | 31.89       | PK       | Vertical |

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

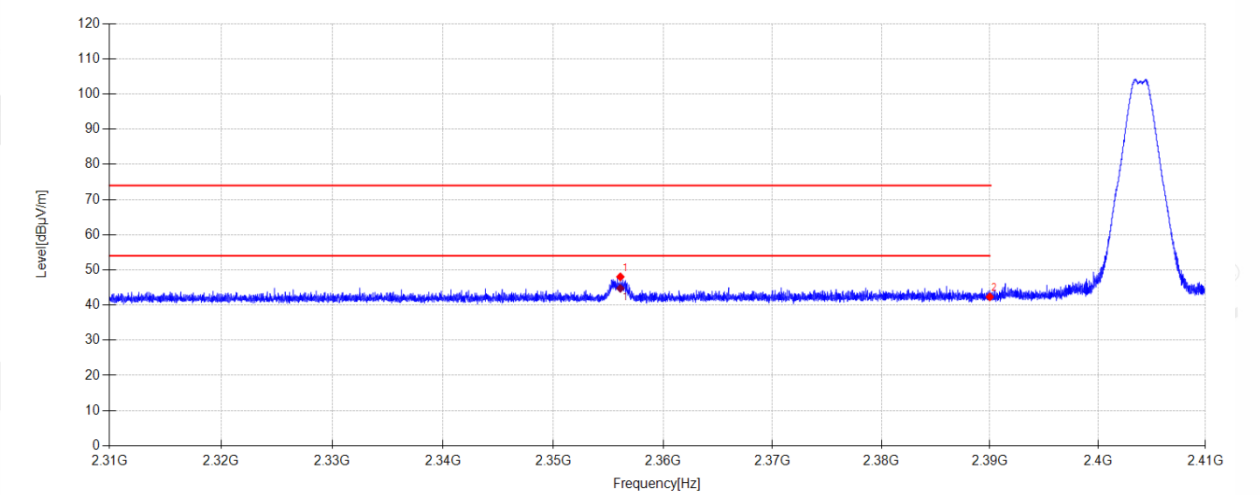
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\31

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 2356.100    | 48.63           | 28.11               | -28.71          | 48.03          | 74.00          | 25.97       | PK       | Horizontal |
| 2                   | 2390.000    | 42.78           | 28.18               | -28.63          | 42.33          | 74.00          | 31.67       | 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               | 2356.100    | 45.35            | 28.11               | -28.71          | 44.75          | 54.00          | 9.25        | 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:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

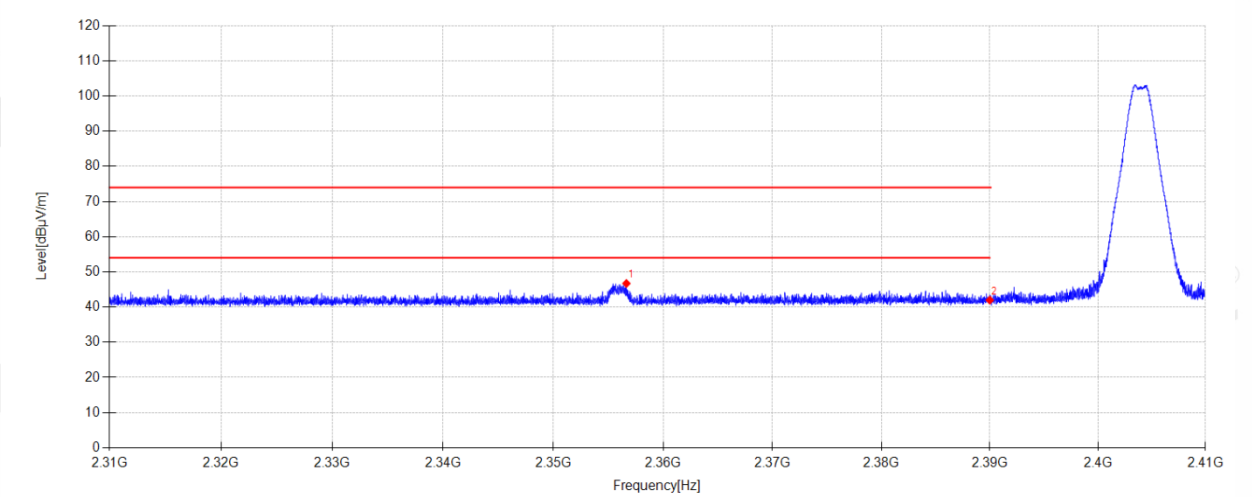
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\32

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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                   | 2356.650    | 47.32           | 28.11               | -28.71          | 46.72          | 74.00          | 27.28       | PK       | Vertical |
| 2                   | 2390.000    | 42.42           | 28.18               | -28.63          | 41.97          | 74.00          | 32.03       | PK       | Vertical |

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

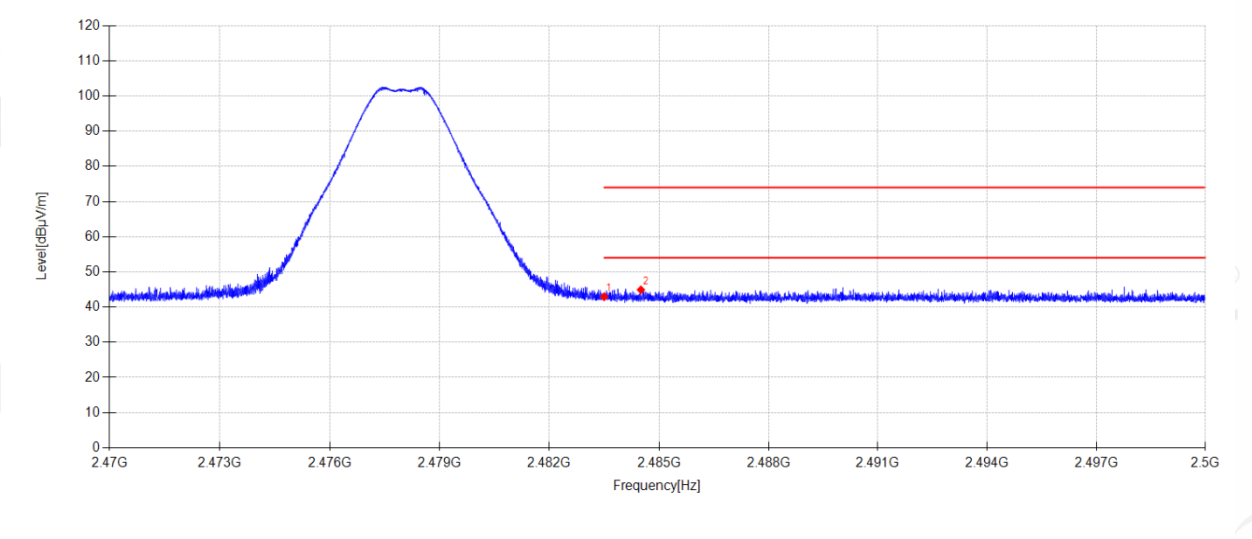
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\33

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 43.08           | 28.60               | -28.72          | 42.96          | 74.00          | 31.04       | PK       | Horizontal |
| 2                   | 2484.505    | 45.02           | 28.61               | -28.72          | 44.91          | 74.00          | 29.09       | PK       | Horizontal |

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

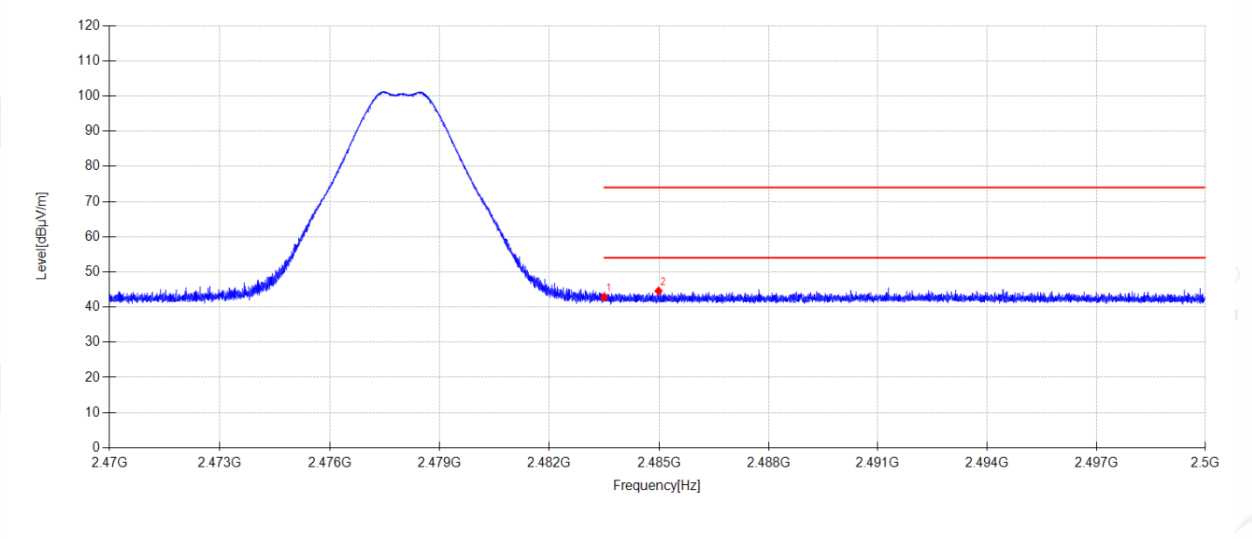
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G BLE\34

Memo:

Sample Number:S26060910-003 Power Setting:10



| 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    | 42.94           | 28.60               | -28.72          | 42.82          | 74.00          | 31.18       | PK       | Vertical |
| 2                   | 2484.988    | 44.68           | 28.61               | -28.72          | 44.57          | 74.00          | 29.43       | PK       | Vertical |

Note:

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

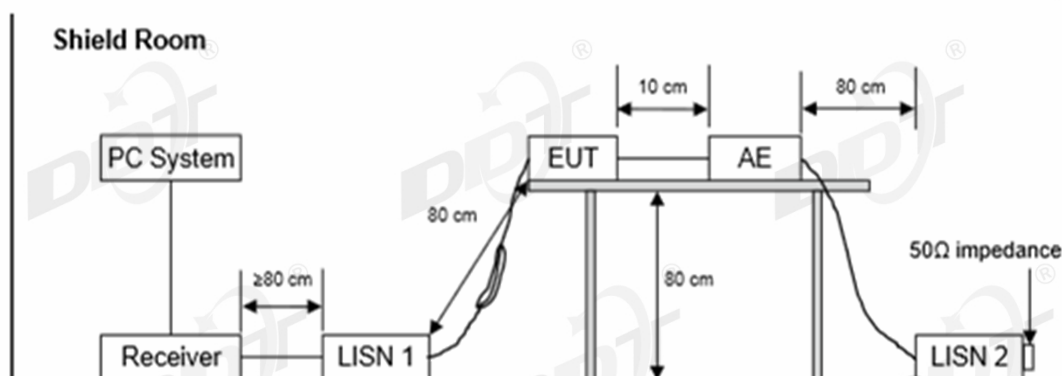
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 14. Power Line Conducted Emissions

### 14.1. Test equipment

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

### 14.2. Block diagram of test setup



### 14.3. Limits

| Frequency       | Quasi-Peak Level<br>dB(μV) | Average Level<br>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.

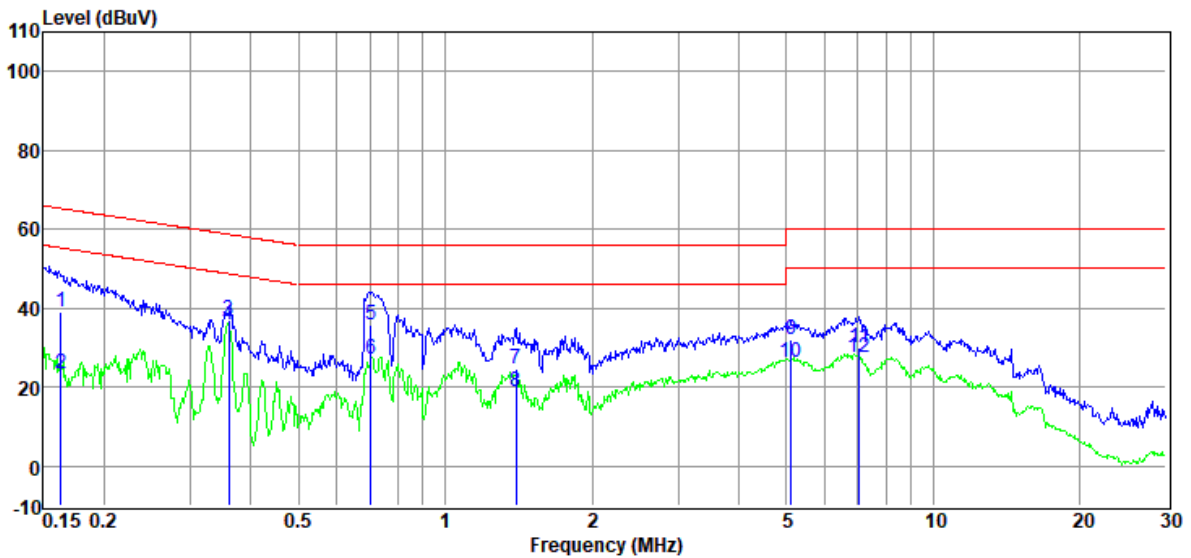
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

## 14.7. Test data

## TR-4-E-010 Conducted Emission Test Result

**Test Site** : DDT 1# Shield Room **D:\2026 CE Report Data\Q26060910\Q26060910.EM6**  
**Test Date** : 2026-06-17 **Tested By** : Li guilin  
**Power Supply** : AC 120V/60Hz **Test Mode** : TX BLE 1M 2402MHz  
**Condition** : TEMP:23.7°C, RH:63.7% **LISN** : 2025 1# 216/NEUTRAL  
**Memo** : S26060910

Data: 2



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Limiter<br>Factor<br>(dB) | Result<br>Level<br>(dBμV) | Limit<br>Line<br>(dBμV) | Margin<br>(dB) | Detector | Phase   |
|----------------|----------------|-------------------------|------------------------|-----------------------|------------------------------------|---------------------------|-------------------------|----------------|----------|---------|
| 1              | 0.16           | 19.40                   | 9.71                   | 0.05                  | 9.89                               | 39.05                     | 65.30                   | 26.25          | QP       | NEUTRAL |
| 2              | 0.16           | 3.84                    | 9.71                   | 0.05                  | 9.89                               | 23.49                     | 55.30                   | 31.81          | Average  | NEUTRAL |
| 3              | 0.36           | 17.17                   | 9.90                   | 0.07                  | 9.89                               | 37.03                     | 58.74                   | 21.71          | QP       | NEUTRAL |
| 4              | 0.36           | 15.87                   | 9.90                   | 0.07                  | 9.89                               | 35.73                     | 48.74                   | 13.01          | Average  | NEUTRAL |
| 5              | 0.70           | 15.92                   | 9.92                   | 0.12                  | 9.89                               | 35.85                     | 56.00                   | 20.15          | QP       | NEUTRAL |
| 6              | 0.70           | 7.17                    | 9.92                   | 0.12                  | 9.89                               | 27.10                     | 46.00                   | 18.90          | Average  | NEUTRAL |
| 7              | 1.40           | 4.62                    | 9.85                   | 0.16                  | 9.90                               | 24.53                     | 56.00                   | 31.47          | QP       | NEUTRAL |
| 8              | 1.40           | -1.02                   | 9.85                   | 0.16                  | 9.90                               | 18.89                     | 46.00                   | 27.11          | Average  | NEUTRAL |
| 9              | 5.11           | 12.09                   | 9.87                   | 0.19                  | 9.86                               | 32.01                     | 60.00                   | 27.99          | QP       | NEUTRAL |
| 10             | 5.11           | 6.27                    | 9.87                   | 0.19                  | 9.86                               | 26.19                     | 50.00                   | 23.81          | Average  | NEUTRAL |
| 11             | 7.06           | 10.13                   | 9.87                   | 0.22                  | 9.85                               | 30.07                     | 60.00                   | 29.93          | QP       | NEUTRAL |
| 12             | 7.06           | 7.52                    | 9.87                   | 0.22                  | 9.85                               | 27.46                     | 50.00                   | 22.54          | 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\Q26060910\Q26060910.EM6

Test Date : 2026-06-17

Tested By : Li guilin

Power Supply : AC 120V/60Hz

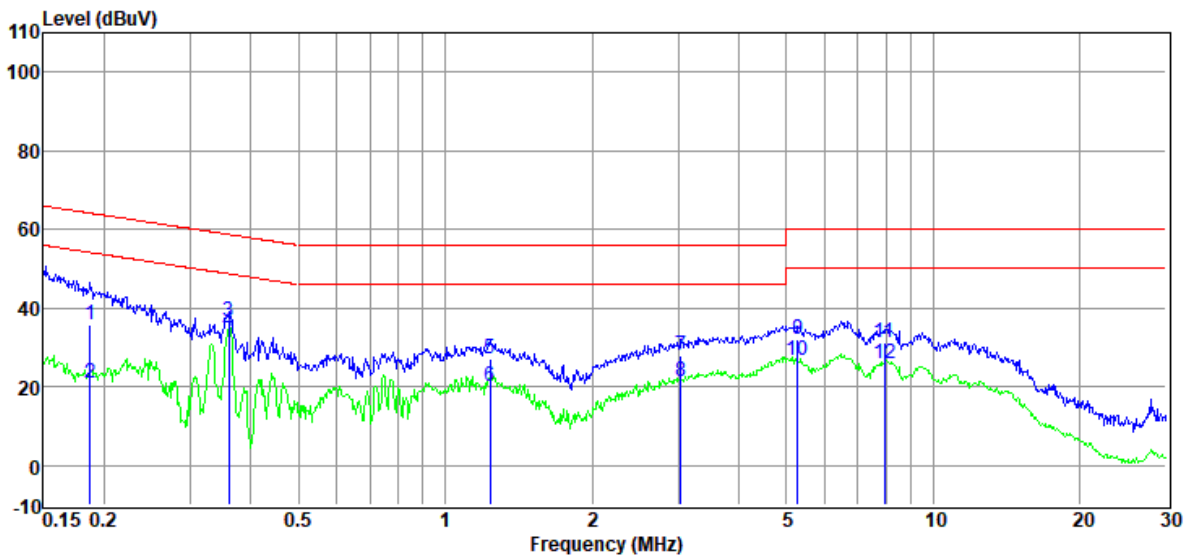
Test Mode : TX BLE 1M 2402MHz

Condition : TEMP:23.7°C, RH:63.7%

LISN : 2025 1# 216/LINE

Memo : S26060910

Data: 4



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Limiter<br>Factor<br>(dB) | Result<br>Level<br>(dBμV) | Limit<br>Line<br>(dBμV) | Margin<br>(dB) | Detector | Phase |
|----------------|----------------|-------------------------|------------------------|-----------------------|------------------------------------|---------------------------|-------------------------|----------------|----------|-------|
| 1              | 0.19           | 15.98                   | 9.83                   | 0.06                  | 9.89                               | 35.76                     | 64.15                   | 28.39          | QP       | LINE  |
| 2              | 0.19           | 1.13                    | 9.83                   | 0.06                  | 9.89                               | 20.91                     | 54.15                   | 33.24          | Average  | LINE  |
| 3              | 0.36           | 16.88                   | 9.67                   | 0.07                  | 9.89                               | 36.51                     | 58.74                   | 22.23          | QP       | LINE  |
| 4              | 0.36           | 14.55                   | 9.67                   | 0.07                  | 9.89                               | 34.18                     | 48.74                   | 14.56          | Average  | LINE  |
| 5              | 1.24           | 7.09                    | 9.92                   | 0.16                  | 9.90                               | 27.07                     | 56.00                   | 28.93          | QP       | LINE  |
| 6              | 1.24           | 0.02                    | 9.92                   | 0.16                  | 9.90                               | 20.00                     | 46.00                   | 26.00          | Average  | LINE  |
| 7              | 3.04           | 7.92                    | 9.92                   | 0.18                  | 9.88                               | 27.90                     | 56.00                   | 28.10          | QP       | LINE  |
| 8              | 3.04           | 1.36                    | 9.92                   | 0.18                  | 9.88                               | 21.34                     | 46.00                   | 24.66          | Average  | LINE  |
| 9              | 5.28           | 11.98                   | 9.96                   | 0.20                  | 9.86                               | 32.00                     | 60.00                   | 28.00          | QP       | LINE  |
| 10             | 5.28           | 6.48                    | 9.96                   | 0.20                  | 9.86                               | 26.50                     | 50.00                   | 23.50          | Average  | LINE  |
| 11             | 7.94           | 11.24                   | 10.02                  | 0.24                  | 9.84                               | 31.34                     | 60.00                   | 28.66          | QP       | LINE  |
| 12             | 7.94           | 5.94                    | 10.02                  | 0.24                  | 9.84                               | 26.04                     | 50.00                   | 23.96          | 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-Q26060910-1E appendix I

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