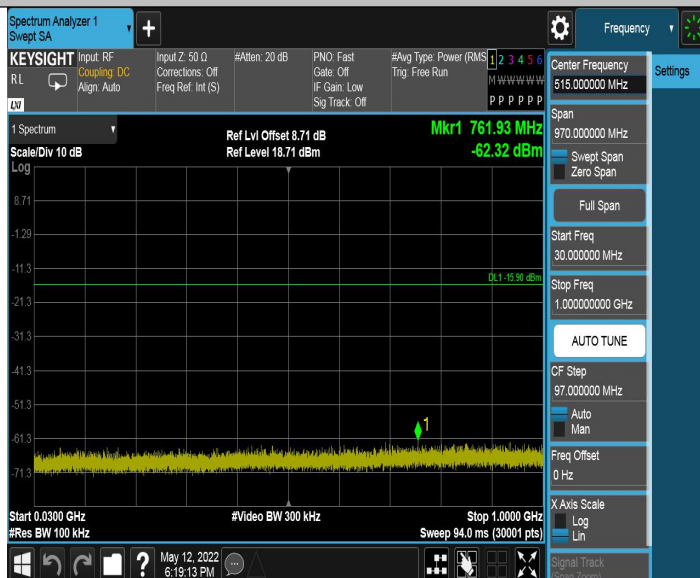


### BLE\_BT5.0(2Mbps)\_Ant1\_2402\_0~Reference



### BLE\_BT5.0(2Mbps)\_Ant1\_2402\_30~1000



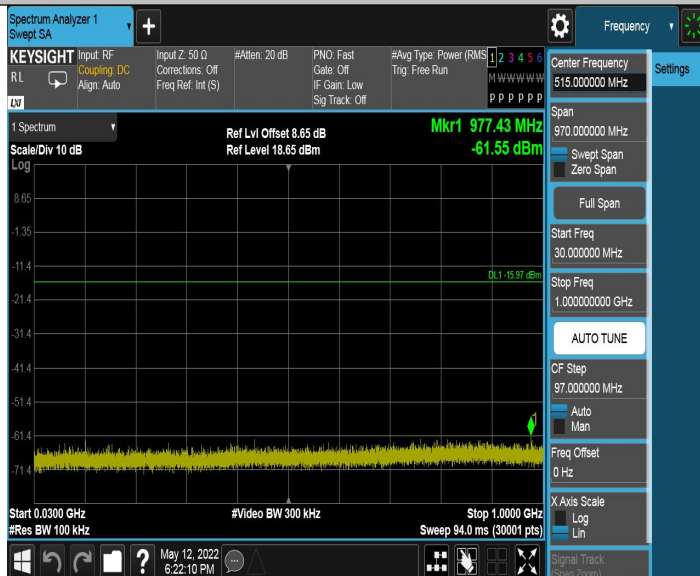
### BLE\_BT5.0(2Mbps)\_Ant1\_2402\_1000~26500



### BLE\_BT5.0(2Mbps)\_Ant1\_2440\_0~Reference



### BLE\_BT5.0(2Mbps)\_Ant1\_2440\_30~1000



### BLE\_BT5.0(2Mbps)\_Ant1\_2440\_1000~26500

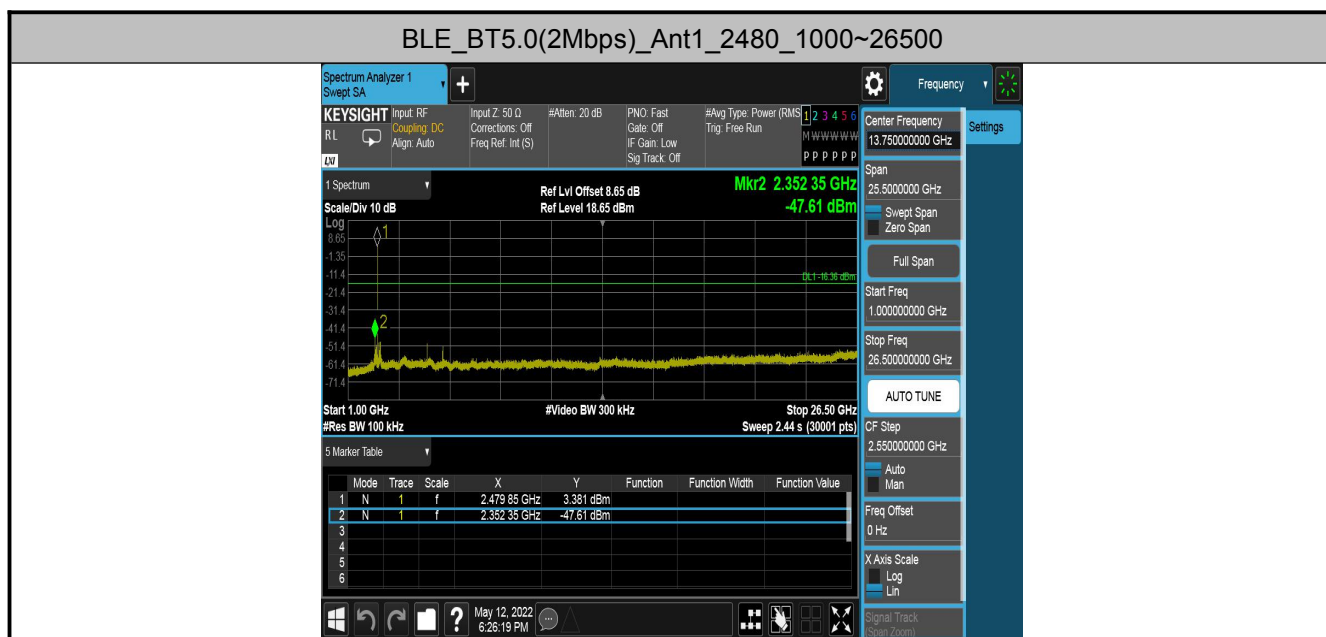


### BLE\_BT5.0(2Mbps)\_Ant1\_2480\_0~Reference



### BLE\_BT5.0(2Mbps)\_Ant1\_2480\_30~1000





## 7.6. Radiated Spurious Emission Measurement

### 7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 |                       |                            |
|----------------------------------------|-----------------------|----------------------------|
| Frequency [MHz]                        | Field Strength [uV/m] | Measured Distance [Meters] |
| 0.009 – 0.490                          | 2400/F (kHz)          | 300                        |
| 0.490 – 1.705                          | 24000/F (kHz)         | 30                         |
| 1.705 - 30                             | 30                    | 30                         |
| 30 - 88                                | 100                   | 3                          |
| 88 - 216                               | 150                   | 3                          |
| 216 - 960                              | 200                   | 3                          |
| Above 960                              | 500                   | 3                          |

### 7.6.2. Test Procedure Used

ANSI C63.10-2013 – Section 6.6.4.3

### 7.6.3. Test Setting

#### Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

- Trace was allowed to stabilize

**Table 1 - RBW as a function of frequency**

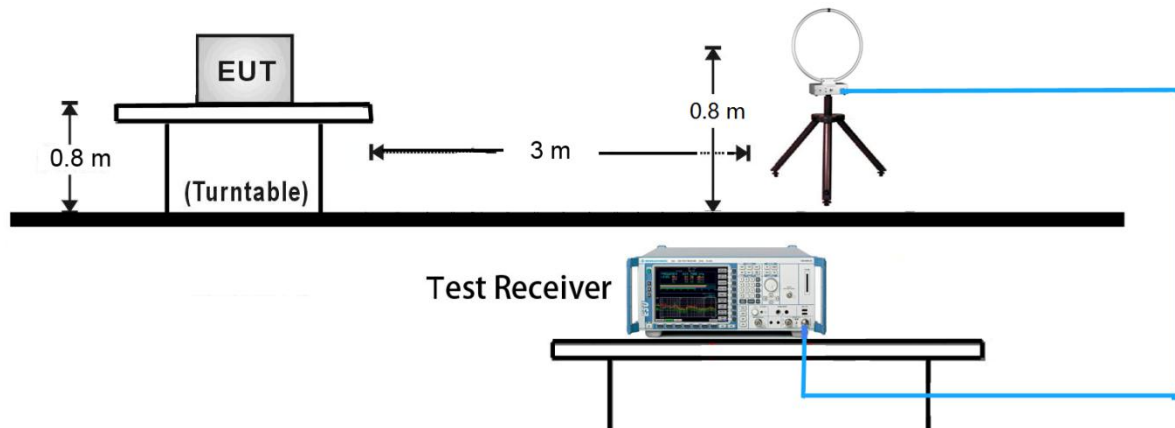
| Frequency     | RBW           |
|---------------|---------------|
| 9 ~ 150 kHz   | 200 ~ 300 Hz  |
| 0.15 ~ 30 MHz | 9 ~ 10 kHz    |
| 30 ~ 1000 MHz | 100 ~ 120 kHz |
| > 1000 MHz    | 1 MHz         |

**Average Field Strength Measurements**

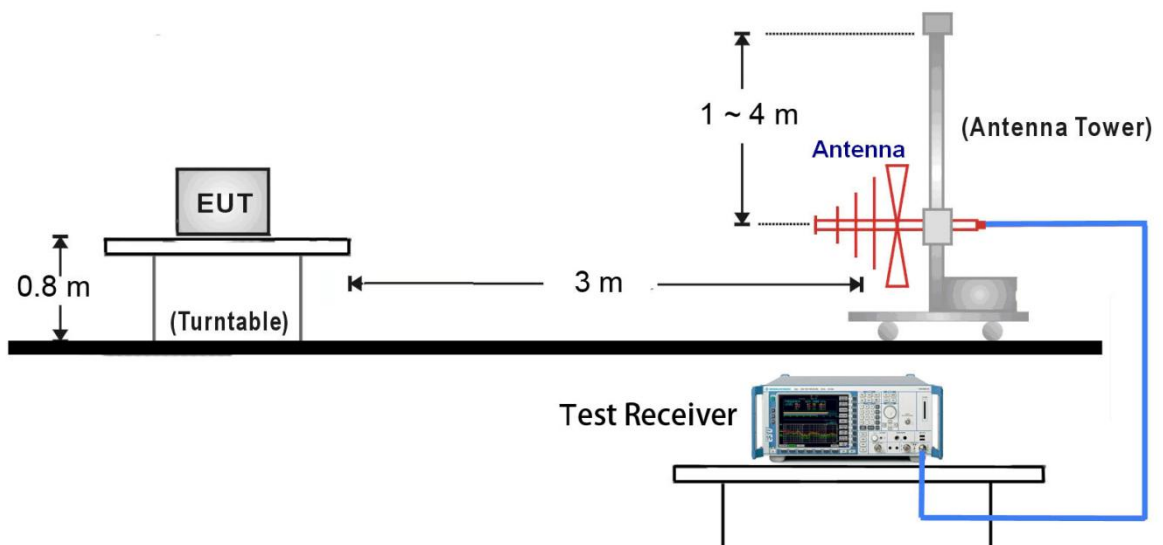
- Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- RBW = 1MHz
- VBW = 3MHz
- Detector = Power Average (RMS)
- Number of sweep point = 2001 (Number of sweep points must be  $\geq 2 \times \text{span} / \text{RBW}$ )
- Sweep time = auto
- Trace (RMS) averaging was performed over at least 100 traces.

#### 7.6.4. Test Setup

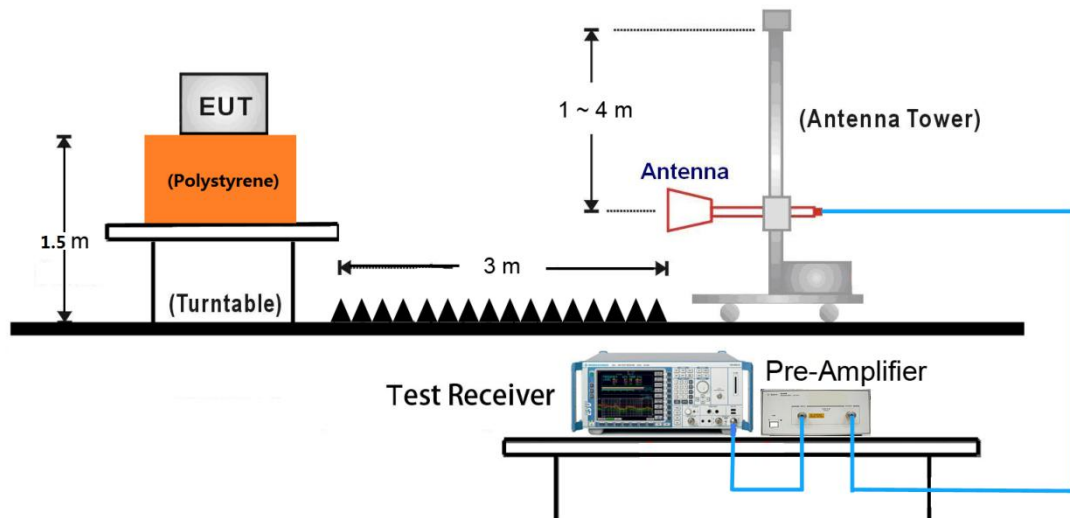
##### 9kHz ~ 30MHz Test Setup:



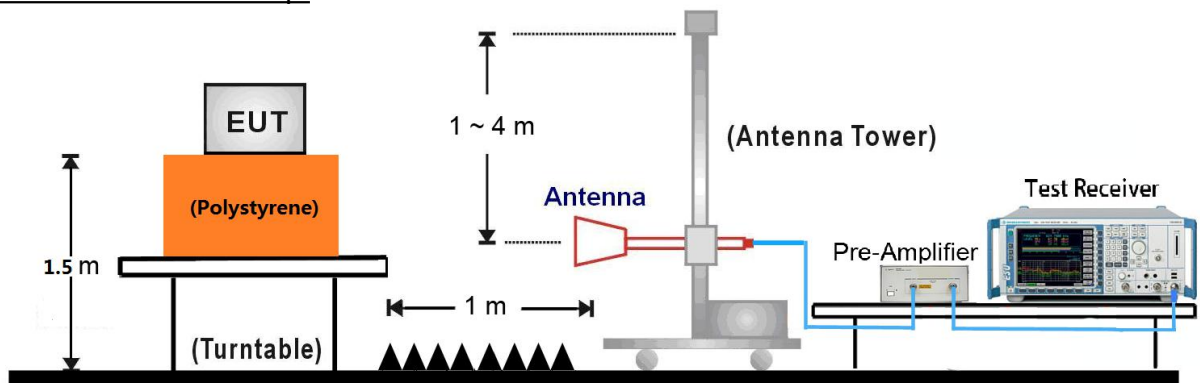
##### 30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



### 7.6.5. Test Result

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(1Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 00                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|      | 4800            | 57.6         | 7.39        | 74             | 16.4        | Peak     | Horizontal   |
|      | 4800            | 44.15        | 7.39        | 54             | 9.85        | AV       | Horizontal   |
| *    | 6455            | 47.99        | 12.21       | 81.86          | 33.87       | Peak     | Horizontal   |
|      | 7205            | 48.24        | 14.84       | 54             | 5.76        | AV       | Horizontal   |
|      | 7205            | 57.02        | 14.84       | 74             | 16.98       | Peak     | Horizontal   |
| *    | 7620            | 50.28        | 14.65       | 81.86          | 31.58       | Peak     | Horizontal   |
|      | 4805            | 48.21        | 7.39        | 74             | 25.79       | Peak     | Vertical     |
| *    | 6840            | 48.28        | 14.17       | 81.86          | 33.58       | Peak     | Vertical     |
| *    | 7205            | 52.88        | 14.84       | 81.86          | 28.98       | Peak     | Vertical     |
|      | 7360            | 50.24        | 14.85       | 74             | 23.76       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (101.86dBμV/m) or 15.209 which is higher.

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(1Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 19                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|      | 4880            | 56.45        | 7.47        | 74             | 17.55       | Peak     | Horizontal   |
|      | 4880            | 46.98        | 7.47        | 54             | 7.02        | AV       | Horizontal   |
| *    | 5765            | 46.16        | 9.87        | 80.32          | 34.16       | Peak     | Horizontal   |
| *    | 6395            | 48.06        | 12.32       | 80.32          | 32.26       | Peak     | Horizontal   |
|      | 7320            | 56.27        | 14.74       | 74             | 17.73       | Peak     | Horizontal   |
|      | 7320            | 46.9         | 14.74       | 54             | 7.1         | AV       | Horizontal   |
|      | 4880            | 47.54        | 7.47        | 74             | 26.46       | Peak     | Vertical     |
|      | 4880            | 38.5         | 7.47        | 54             | 15.5        | AV       | Vertical     |
| *    | 5685            | 46.63        | 9.69        | 80.32          | 33.69       | Peak     | Vertical     |
| *    | 6530            | 48.01        | 12.59       | 80.32          | 32.31       | Peak     | Vertical     |
|      | 7320            | 55.28        | 14.74       | 74             | 18.72       | Peak     | Vertical     |
|      | 7320            | 45.54        | 14.74       | 54             | 8.46        | AV       | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.32dBμV/m) or 15.209 which is higher.

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(1Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 39                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|      | 4960            | 55.85        | 7.58        | 74             | 18.15       | Peak     | Horizontal   |
|      | 4960            | 44.72        | 7.58        | 54             | 9.28        | AV       | Horizontal   |
| *    | 6200            | 47.21        | 11.1        | 79.79          | 32.58       | Peak     | Horizontal   |
| *    | 7110            | 50.18        | 14.64       | 79.79          | 29.61       | Peak     | Horizontal   |
|      | 7440            | 54.07        | 14.66       | 74             | 19.93       | Peak     | Horizontal   |
|      | 7440            | 44.6         | 14.66       | 54             | 9.4         | AV       | Horizontal   |
|      | 4960            | 46.9         | 7.58        | 74             | 27.1        | Peak     | Vertical     |
| *    | 6200            | 46.43        | 11.1        | 79.79          | 33.36       | Peak     | Vertical     |
| *    | 6420            | 48.2         | 12.28       | 79.79          | 31.59       | Peak     | Vertical     |
|      | 7440            | 54.87        | 14.66       | 74             | 19.13       | Peak     | Vertical     |
|      | 7440            | 46.91        | 14.66       | 54             | 7.09        | AV       | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.79dBμV/m) or 15.209 which is higher.

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(2Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 00                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark                                                                                                                                  | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|                                                                                                                                       | 4800            | 57.99        | 7.39        | 74             | 16.01       | Peak     | Horizontal   |
|                                                                                                                                       | 4800            | 44.61        | 7.39        | 54             | 9.39        | AV       | Horizontal   |
| *                                                                                                                                     | 6625            | 48.09        | 82.11       | 74             | 25.91       | Peak     | Horizontal   |
|                                                                                                                                       | 7205            | 57.19        | 14.84       | 74             | 16.81       | Peak     | Horizontal   |
|                                                                                                                                       | 7205            | 47.84        | 14.84       | 54             | 6.16        | AV       | Horizontal   |
| *                                                                                                                                     | 7415            | 50.26        | 82.11       | 74             | 23.74       | Peak     | Horizontal   |
|                                                                                                                                       | 4800            | 49.2         | 7.39        | 74             | 24.8        | Peak     | Vertical     |
| *                                                                                                                                     | 6845            | 48.64        | 82.11       | 74             | 25.36       | Peak     | Vertical     |
| *                                                                                                                                     | 7205            | 52.44        | 82.11       | 74             | 21.56       | Peak     | Vertical     |
|                                                                                                                                       | 7540            | 50.62        | 14.43       | 74             | 23.38       | Peak     | Vertical     |
| Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (102.11dBμV/m) or 15.209 which is higher. |                 |              |             |                |             |          |              |

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(2Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 19                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|      | 4880            | 56.1         | 7.47        | 74             | 17.9        | Peak     | Horizontal   |
|      | 4880            | 46.63        | 7.47        | 54             | 7.37        | AV       | Horizontal   |
| *    | 5950            | 46.86        | 10.21       | 81.35          | 34.49       | Peak     | Horizontal   |
| *    | 6335            | 48.22        | 12          | 81.35          | 33.13       | Peak     | Horizontal   |
|      | 7320            | 55.54        | 14.74       | 74             | 18.46       | Peak     | Horizontal   |
|      | 7320            | 46.3         | 14.74       | 54             | 7.7         | AV       | Horizontal   |
|      | 4880            | 47.59        | 7.47        | 74             | 26.41       | Peak     | Vertical     |
| *    | 6020            | 46.09        | 10.44       | 81.35          | 35.26       | Peak     | Vertical     |
| *    | 6615            | 48.52        | 13.09       | 81.35          | 32.83       | Peak     | Vertical     |
|      | 7320            | 55.23        | 14.74       | 74             | 18.77       | Peak     | Vertical     |
|      | 7320            | 44.9         | 14.74       | 54             | 9.1         | AV       | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (101.35dBμV/m) or 15.209 which is higher.

|               |                                                                                                                                                                             |                |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Test Mode:    | BLE(2Mbps)                                                                                                                                                                  | Test Date:     | 2022-05-11 |
| Test Channel: | 39                                                                                                                                                                          | Test Engineer: | Amos Xia   |
| Remark:       | Average measurement was not performed if peak level lower than average limit.<br>Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                |            |

| Mark | Frequency (MHz) | Level (dBμV) | Factor (dB) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|--------------|-------------|----------------|-------------|----------|--------------|
|      | 4960            | 55.57        | 7.58        | 74             | 18.43       | Peak     | Horizontal   |
|      | 4960            | 46.77        | 7.58        | 54             | 7.23        | AV       | Horizontal   |
| *    | 5605            | 44.85        | 9.63        | 80.66          | 35.81       | Peak     | Horizontal   |
| *    | 6550            | 47.8         | 12.72       | 80.66          | 32.86       | Peak     | Horizontal   |
|      | 7440            | 54.57        | 14.66       | 74             | 19.43       | Peak     | Horizontal   |
|      | 7440            | 45.33        | 14.66       | 54             | 8.67        | AV       | Horizontal   |
|      | 4960            | 46.37        | 7.58        | 74             | 27.63       | Peak     | Vertical     |
| *    | 5950            | 46.35        | 10.21       | 80.66          | 34.31       | Peak     | Vertical     |
| *    | 6615            | 48.18        | 13.09       | 80.66          | 32.48       | Peak     | Vertical     |
|      | 7440            | 54.52        | 14.66       | 74             | 19.48       | Peak     | Vertical     |
|      | 7440            | 45.67        | 14.66       | 54             | 8.33        | AV       | Vertical     |

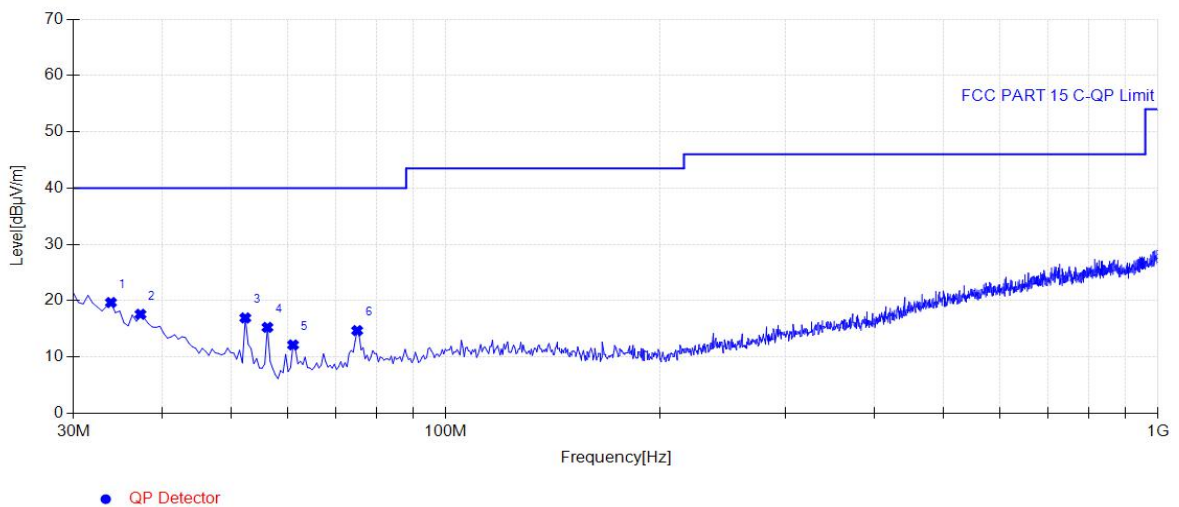
Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.66dBμV/m) or 15.209 which is higher.

## The worst case of Radiated Emission below 1GHz:

### 30MHz – 1GHz Test Data

|              |                              |           |            |
|--------------|------------------------------|-----------|------------|
| EUT:         | E-BIKE                       | Polarity: | Horizontal |
| Model:       | C1                           | SN:       | N/A        |
| Mode:        | Transmit at 2Mbps Channel 00 | Voltage:  | DC 3.3V    |
| Environment: | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia   |

### Test Graph



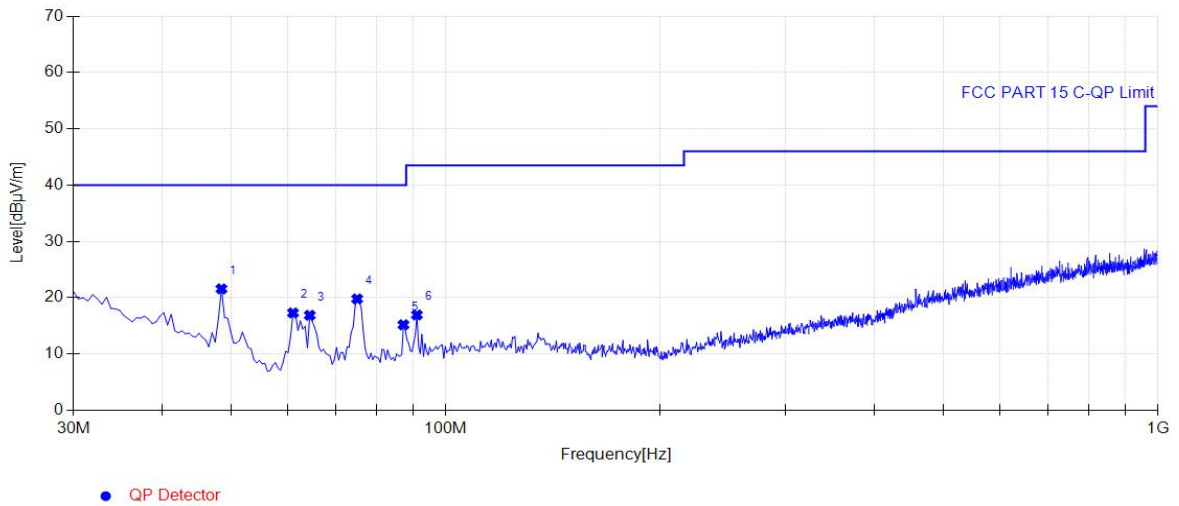
### Final Data List

| NO. | Freq. [MHz] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|-------------|-------------------|-------------------|----------------|-------------|-----------|------------|
| 1   | 33.8800     | 19.67       | 17.75             | 40.00             | 20.33          | 160         | 353       | Horizontal |
| 2   | 37.2750     | 17.58       | 16.02             | 40.00             | 22.42          | 160         | 236       | Horizontal |
| 3   | 52.3100     | 16.93       | 8.89              | 40.00             | 23.07          | 160         | 229       | Horizontal |
| 4   | 56.1900     | 15.26       | 7.84              | 40.00             | 24.74          | 160         | 273       | Horizontal |
| 5   | 61.0400     | 12.14       | 6.99              | 40.00             | 27.86          | 160         | 98        | Horizontal |
| 6   | 75.1050     | 14.68       | 9.14              | 40.00             | 25.32          | 160         | 342       | Horizontal |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

|              |                              |           |          |
|--------------|------------------------------|-----------|----------|
| EUT:         | E-BIKE                       | Polarity: | Vertical |
| Model:       | C1                           | SN:       | N/A      |
| Mode:        | Transmit at 2Mbps Channel 00 | Voltage:  | DC 3.3V  |
| Environment: | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |

### Test Graph



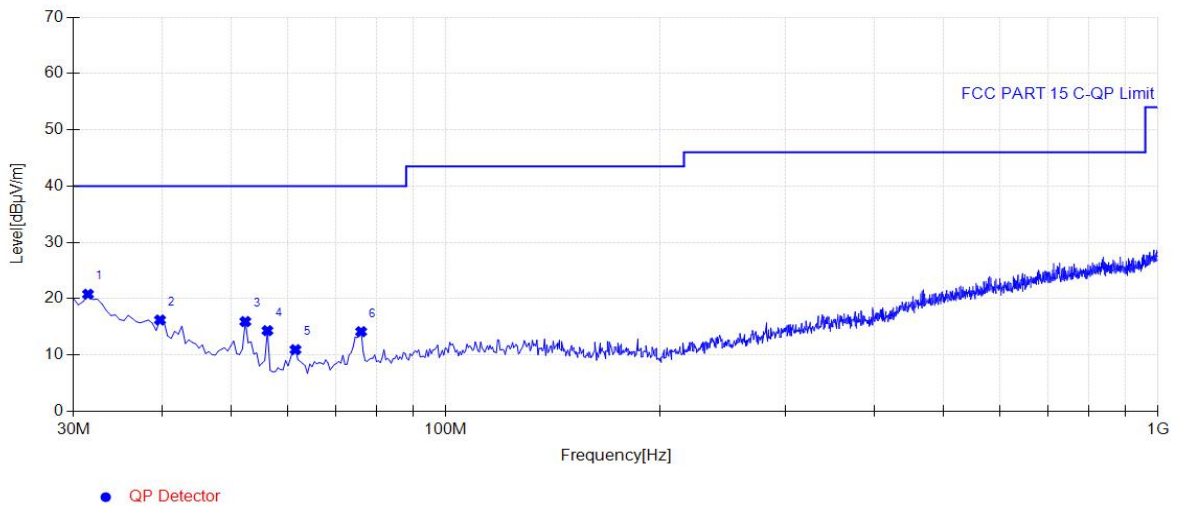
### Final Data List

| NO. | Freq. [MHz] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|-------------|-------------------|-------------------|----------------|-------------|-----------|----------|
| 1   | 48.4300     | 21.56       | 10.32             | 40.00             | 18.44          | 160         | 143       | Vertical |
| 2   | 61.0400     | 17.29       | 6.99              | 40.00             | 22.71          | 160         | 236       | Vertical |
| 3   | 64.4350     | 16.87       | 7.58              | 40.00             | 23.13          | 160         | 92        | Vertical |
| 4   | 75.1050     | 19.78       | 9.14              | 40.00             | 20.22          | 160         | 49        | Vertical |
| 5   | 87.2300     | 15.18       | 9.91              | 40.00             | 24.82          | 160         | 186       | Vertical |
| 6   | 91.1100     | 16.94       | 10.11             | 43.50             | 26.56          | 160         | 34        | Vertical |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

|              |                              |           |            |
|--------------|------------------------------|-----------|------------|
| EUT:         | E-BIKE                       | Polarity: | Horizontal |
| Model:       | C1                           | SN:       | N/A        |
| Mode:        | Transmit at 2Mbps Channel 39 | Voltage:  | DC 3.3V    |
| Environment: | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia   |

### Test Graph



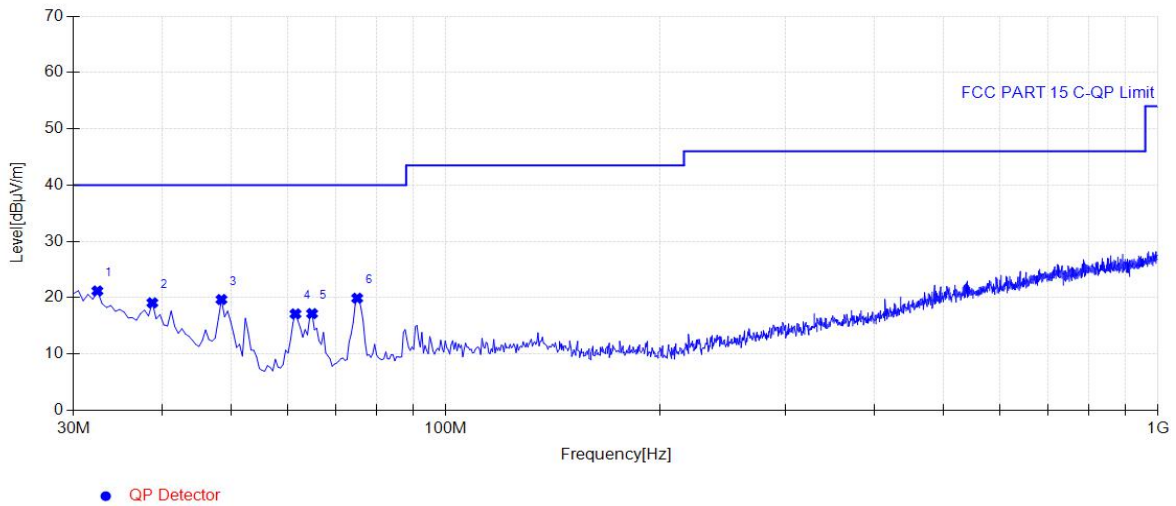
### Final Data List

| NO. | Freq. [MHz] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|-------------|-------------------|-------------------|----------------|-------------|-----------|------------|
| 1   | 31.4550     | 20.79       | 18.97             | 40.00             | 19.21          | 160         | 39        | Horizontal |
| 2   | 39.7000     | 16.21       | 14.78             | 40.00             | 23.79          | 160         | 299       | Horizontal |
| 3   | 52.3100     | 15.93       | 8.89              | 40.00             | 24.07          | 160         | 334       | Horizontal |
| 4   | 56.1900     | 14.32       | 7.84              | 40.00             | 25.68          | 160         | 268       | Horizontal |
| 5   | 61.5250     | 10.94       | 7.08              | 40.00             | 29.06          | 160         | 183       | Horizontal |
| 6   | 76.0750     | 14.14       | 9.26              | 40.00             | 25.86          | 160         | 233       | Horizontal |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

|              |                              |           |          |
|--------------|------------------------------|-----------|----------|
| EUT:         | E-BIKE                       | Polarity: | Vertical |
| Model:       | C1                           | SN:       | N/A      |
| Mode:        | Transmit at 2Mbps Channel 39 | Voltage:  | DC 3.3V  |
| Environment: | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |

### Test Graph



### Final Data List

| NO. | Freq. [MHz] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|-------------|-------------------|-------------------|----------------|-------------|-----------|----------|
| 1   | 32.4250     | 21.19       | 18.48             | 40.00             | 18.81          | 160         | 184       | Vertical |
| 2   | 38.7300     | 19.08       | 15.28             | 40.00             | 20.92          | 160         | 132       | Vertical |
| 3   | 48.4300     | 19.67       | 10.32             | 40.00             | 20.33          | 160         | 206       | Vertical |
| 4   | 61.5250     | 17.12       | 7.08              | 40.00             | 22.88          | 160         | 356       | Vertical |
| 5   | 64.9200     | 17.17       | 7.67              | 40.00             | 22.83          | 160         | 0         | Vertical |
| 6   | 75.1050     | 19.90       | 9.14              | 40.00             | 20.10          | 160         | 90        | Vertical |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

## 7.7. Radiated Restricted Band Edge Measurement

### 7.7.1. Test Limit

#### For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

| Frequency<br>(MHz)         | Frequency<br>(MHz)  | Frequency<br>(MHz) | Frequency<br>(GHz) |
|----------------------------|---------------------|--------------------|--------------------|
| 0.090 - 0.110              | 16.42 - 16.423      | 399.9 - 410        | 4.5 - 5.15         |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614          | 5.35 - 5.46        |
| 2.1735 - 2.1905            | 16.80425 - 16.80475 | 960 - 1240         | 7.25 - 7.75        |
| 4.125 - 4.128              | 25.5 - 25.67        | 1300 - 1427        | 8.25 - 8.5         |
| 4.17725 - 4.17775          | 37.5 - 38.25        | 1435 - 1626.5      | 9.0 - 9.2          |
| 4.20725 - 4.20775          | 73 - 74.6           | 1645.5 - 1646.5    | 9.3 - 9.5          |
| 6.215 - 6.218              | 74.8 - 75.2         | 1660 - 1710        | 10.6 - 12.7        |
| 6.26775 - 6.26825          | 108 - 121.94        | 1718.8 - 1722.2    | 13.25 - 13.4       |
| 6.31175 - 6.31225          | 123 - 138           | 2200 - 2300        | 14.47 - 14.5       |
| 8.291 - 8.294              | 149.9 - 150.05      | 2310 - 2390        | 15.35 - 16.2       |
| 8.362 - 8.366              | 156.52475 - 156.525 | 2483.5 - 2500      | 17.7 - 21.4        |
| 8.37625 - 8.38675          | 156.7 - 156.9       | 2690 - 2900        | 22.01 - 23.12      |
| 8.41425 - 8.41475          | 162.0125 - 167.17   | 3260 - 3267        | 23.6 - 24.0        |
| 12.29 - 12.293             | 167.72 - 173.2      | 3332 - 3339        | 31.2 - 31.8        |
| 12.51975 - 12.52025        | 240 - 285           | 3345.8 - 3358      | 36.43 - 36.5       |
| 12.57675 - 12.57725        | 322 - 335.4         | 3600 - 4400        | ( <sup>2</sup> )   |
| 13.36 - 13.41              | --                  | --                 | --                 |

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 |                          |                               |
|----------------------------------------|--------------------------|-------------------------------|
| Frequency<br>[MHz]                     | Field Strength<br>[uV/m] | Measured Distance<br>[Meters] |
| 0.009 - 0.490                          | 2400/F (kHz)             | 300                           |
| 0.490 - 1.705                          | 24000/F (kHz)            | 30                            |
| 1.705 - 30                             | 30                       | 30                            |
| 30 - 88                                | 100                      | 3                             |
| 88 - 216                               | 150                      | 3                             |
| 216 - 960                              | 200                      | 3                             |
| Above 960                              | 500                      | 3                             |

### **For RSS-Gen Section 8.10 requirement:**

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

| Frequency<br>(MHz)     | Frequency<br>(MHz) | Frequency<br>(GHz) |
|------------------------|--------------------|--------------------|
| 0.009 - 0.110          | 240 - 285          | 9.0 - 9.2          |
| 2.1735 - 2.1905        | 322 - 335.4        | 9.3 - 9.5          |
| 3.020 - 3.026          | 399.9 - 410        | 10.6 - 12.7        |
| 4.125 - 4.128          | 608 - 614          | 13.25 - 13.4       |
| 4.17725 - 4.17775      | 960 - 1427         | 14.47 - 14.5       |
| 4.20725 - 4.20775      | 1435 - 1626.5      | 15.35 - 16.2       |
| 5.677 - 5.683          | 1645.5 - 1646.5    | 17.7 - 21.4        |
| 6.215 - 6.218          | 1660 - 1710        | 22.01 - 23.12      |
| 6.26775 - 6.26825      | 1718.8 -1722.2     | 23.6 - 24.0        |
| 6.31175 - 6.31225      | 2200 - 2300        | 31.2 - 31.8        |
| 8.291 - 8.294          | 2310 -2390         | 36.43 - 36.5       |
| 8.362 - 8.366          | 2655 - 2900        | Above 38.6         |
| 8.37625 - 8.38675      | 3260 - 3267        | --                 |
| 8.41425 - 8.41475      | 3332 -3339         |                    |
| 12.29 - 12.293         | 334.5 - 3358       |                    |
| 12.51975 - 12.52025    | 3500 - 4400        |                    |
| 12.57675 - 12.57725    | 4500 - 5150        |                    |
| 13.36 -13.41           | 5350 - 5460        |                    |
| 16.42 - 16.423         | 7250 - 7750        |                    |
| 16.69475 - 16.69525    | 8025 - 8500        |                    |
| 16.80425 - 16.80475    | --                 |                    |
| 25.5 - 25.67           |                    |                    |
| 37.5 - 38.25           |                    |                    |
| 73 - 74.6              |                    |                    |
| 74.8 - 75.2            |                    |                    |
| 108 - 138              |                    |                    |
| 156.52475 - 156.525225 |                    |                    |
| 156.7 - 156.9          |                    |                    |

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen

must not exceed the limits shown in Table per Section 8.9.

| RSS-Gen Section 8.9 |                          |                               |
|---------------------|--------------------------|-------------------------------|
| Frequency<br>[MHz]  | Field Strength<br>[uV/m] | Measured Distance<br>[Meters] |
| 0.009 - 0.490       | 2400/F (kHz)             | 300                           |
| 0.490 - 1.705       | 24000/F (kHz)            | 30                            |
| 1.705 - 30          | 30                       | 30                            |
| 30 - 88             | 100                      | 3                             |
| 88 - 216            | 150                      | 3                             |
| 216 - 960           | 200                      | 3                             |
| Above 960           | 500                      | 3                             |

#### 7.7.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

#### 7.7.3. Test Setting

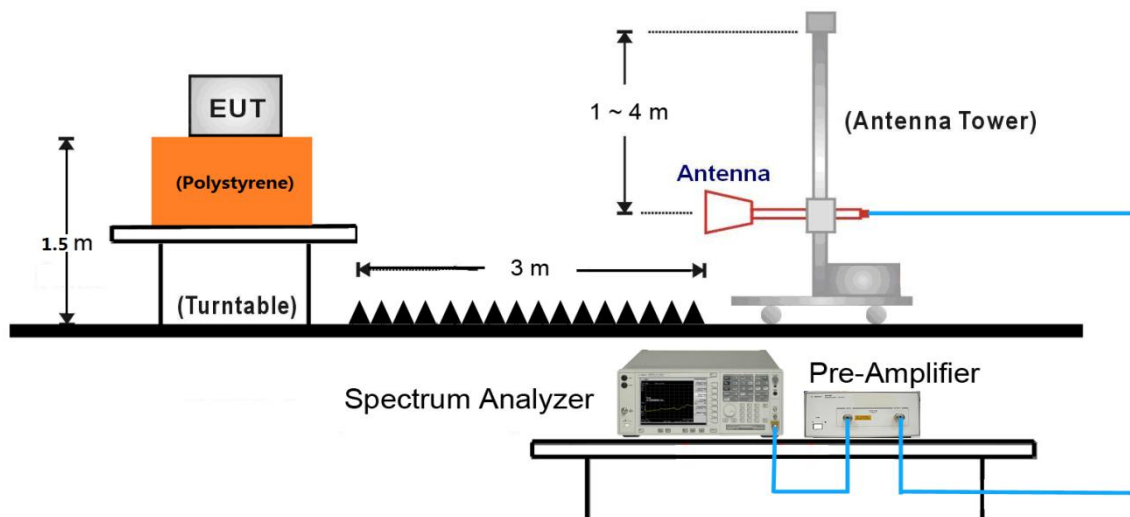
##### Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

### **Average Field Strength Measurements**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Power Average (RMS)
5. Number of sweep point = 2001 (Number of sweep points must be  $\geq 2 \times \text{span} / \text{RBW}$ )
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

#### **7.7.4. Test Setup**



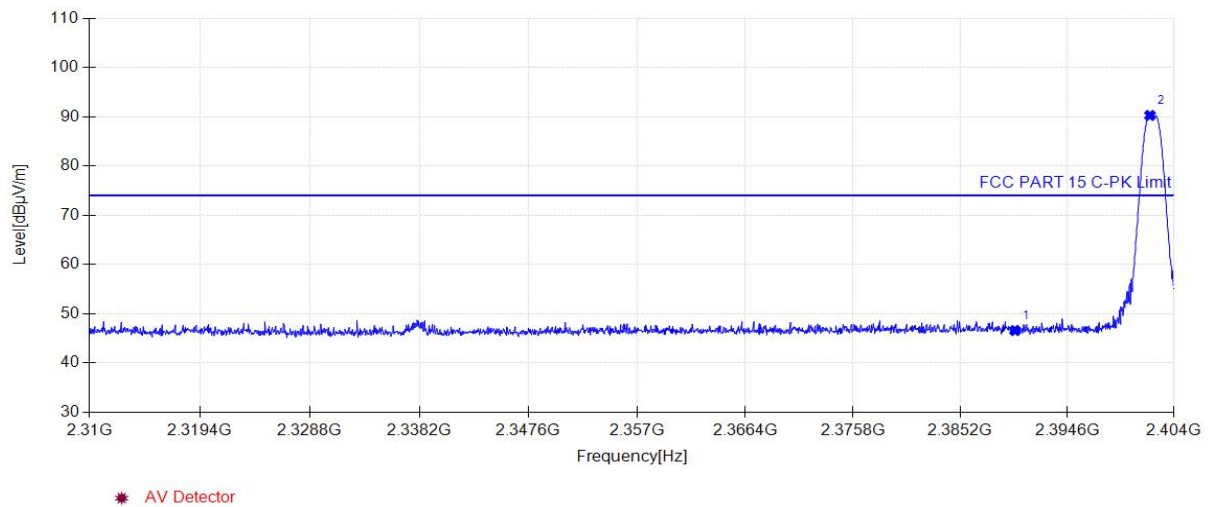
Note: This item was performed with the WIFI antenna connected.

### 7.7.5. Test Result

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 00 |           |          |

Start of Test:2022-05-11 15:41:03

#### Test Graph

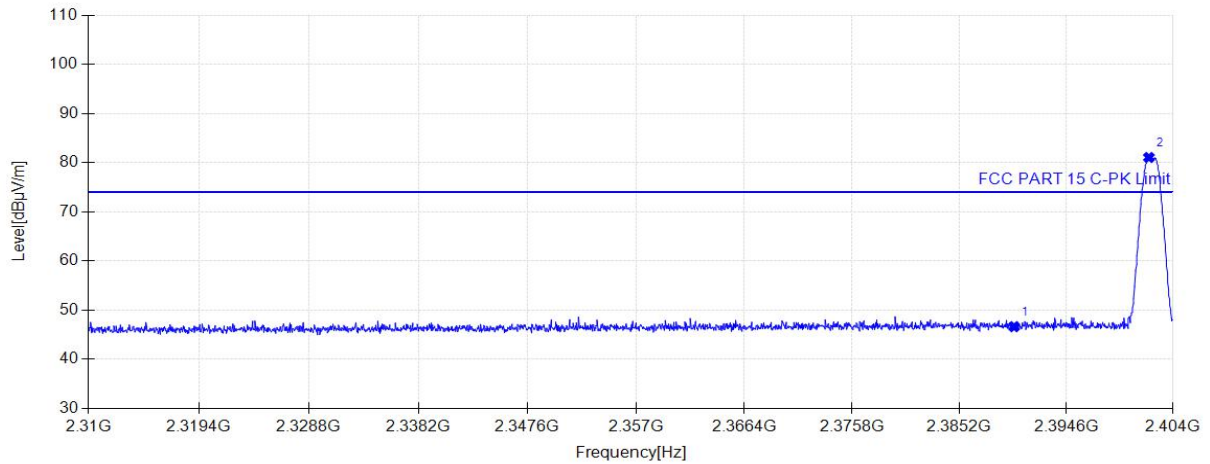


| Suspected Data List |             |                |             |                |             |             |           |            |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1                   | 2390.00     | 46.59          | 34.25       | 74.00          | 27.41       | 160         | 321       | Horizontal |
| 2                   | 2401.88     | 90.26          | 34.31       | 74.00          | -16.26      | 160         | 68        | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 00 |           |          |

Start of Test:2022-05-11 15:41:55

### Test Graph



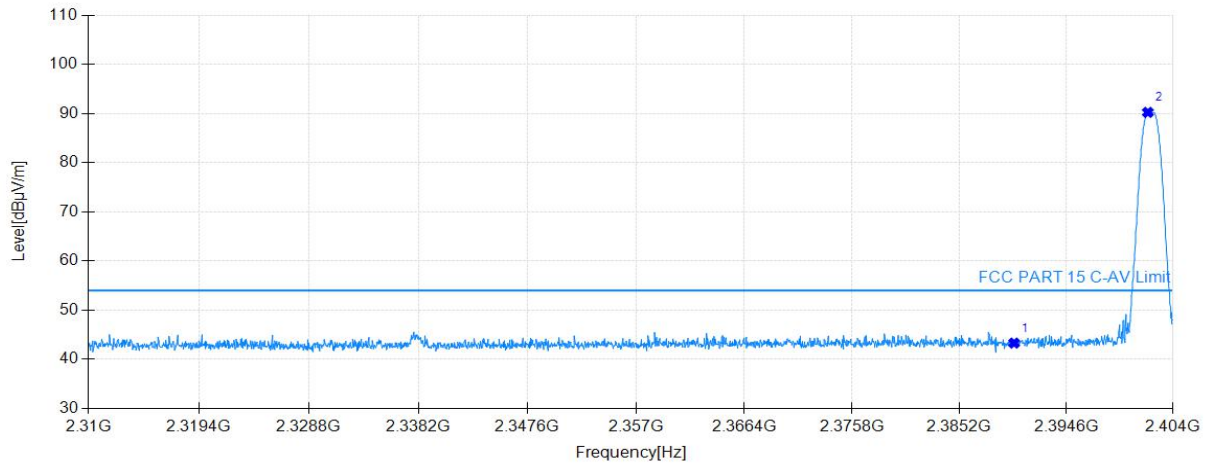
\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2390.00     | 46.63          | 34.25       | 74.00          | 27.37       | 160         | 4         | Vertical |
| 2                   | 2401.88     | 81.05          | 34.31       | 74.00          | -7.05       | 160         | 130       | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 00 |           |          |

Start of Test:2022-05-11 15:43:30

### Test Graph



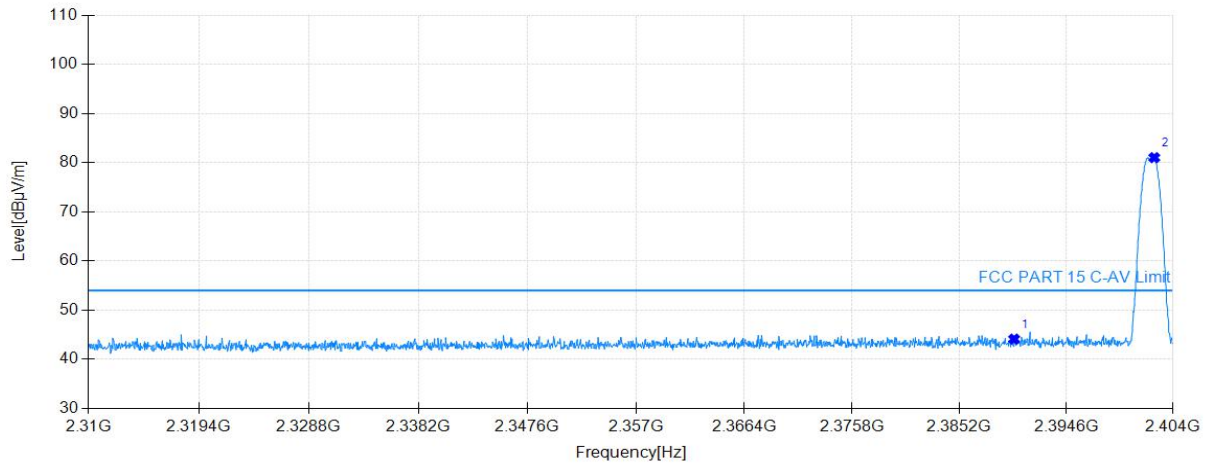
\* AV Detector

| Suspected Data List |                |                   |                |                   |                |                |              |            |
|---------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|--------------|------------|
| NO.                 | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1                   | 2390.00        | 43.30             | 34.25          | 54.00             | 10.70          | 160            | 75           | Horizontal |
| 2                   | 2401.79        | 90.22             | 34.31          | 54.00             | -36.22         | 160            | 60           | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 00 |           |          |

Start of Test:2022-05-11 15:44:22

### Test Graph



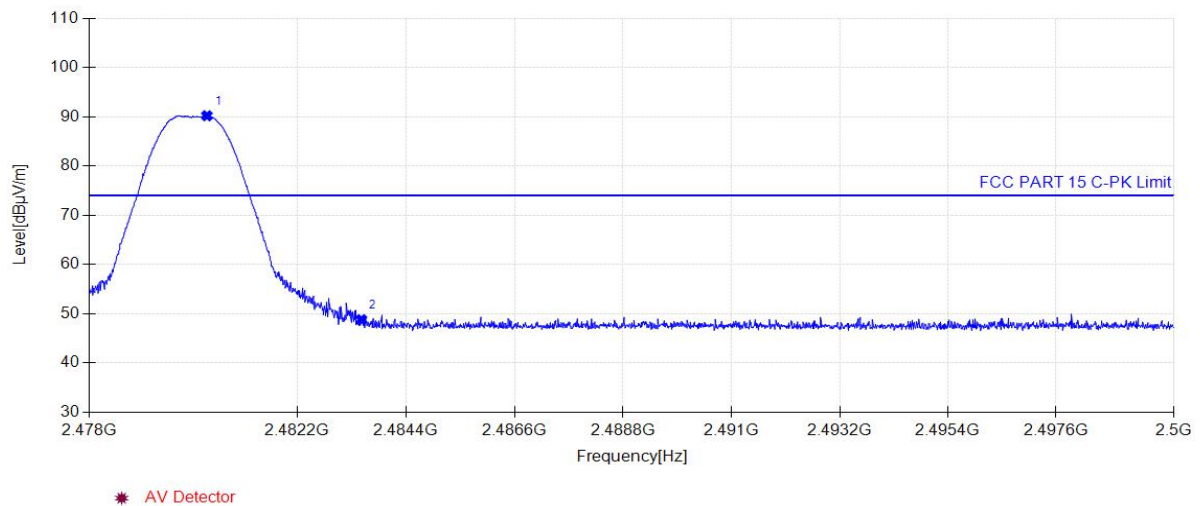
\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2390.00     | 44.10          | 34.25       | 54.00          | 9.90        | 160         | 0         | Vertical |
| 2                   | 2402.35     | 81.01          | 34.32       | 54.00          | -27.01      | 160         | 134       | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 39 |           |          |

Start of Test:2022-05-11 16:01:08

### Test Graph

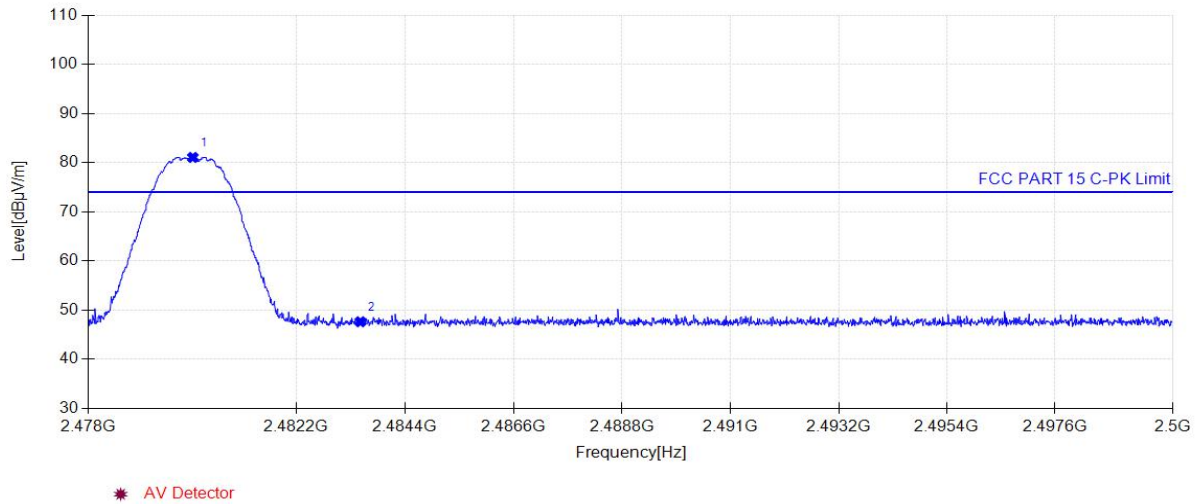


| Suspected Data List |             |                |             |                |             |             |           |            |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1                   | 2480.37     | 90.19          | 34.64       | 74.00          | -16.19      | 160         | 134       | Horizontal |
| 2                   | 2483.50     | 48.80          | 34.65       | 74.00          | 25.20       | 160         | 170       | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 39 |           |          |

Start of Test:2022-05-11 16:02:01

### Test Graph

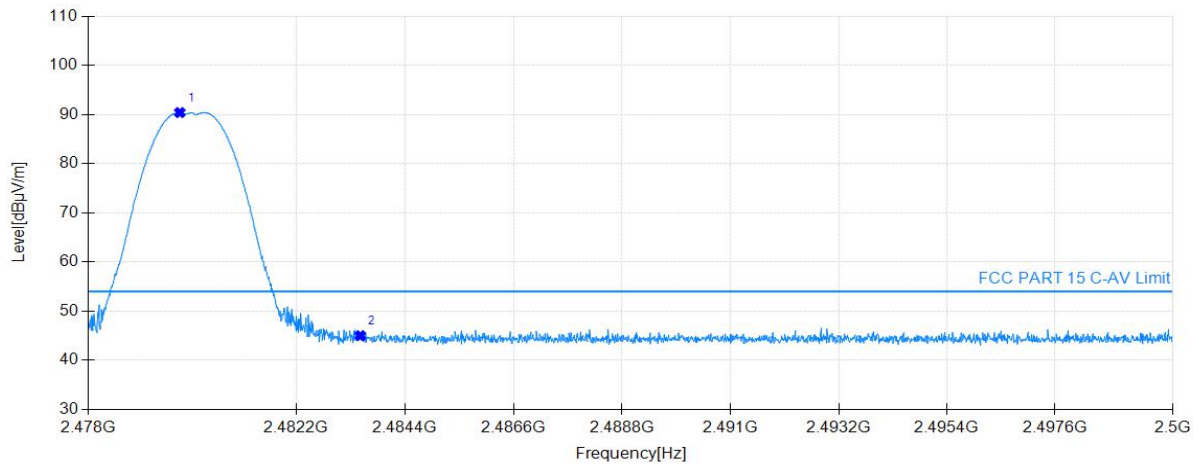


| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2480.11     | 81.06          | 34.64       | 74.00          | -7.06       | 160         | 142       | Vertical |
| 2                   | 2483.50     | 47.63          | 34.65       | 74.00          | 26.37       | 160         | 235       | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 39 |           |          |

Start of Test:2022-05-11 16:03:21

### Test Graph



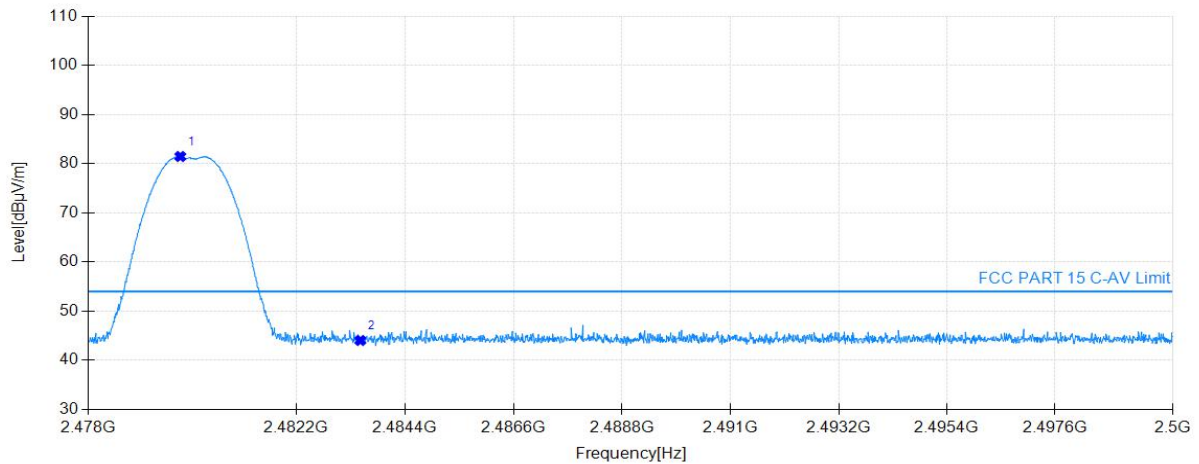
\* AV Detector

| Suspected Data List |                |                   |                |                   |                |                |              |            |
|---------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|--------------|------------|
| NO.                 | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1                   | 2479.84        | 90.38             | 34.64          | 54.00             | -36.38         | 160            | 133          | Horizontal |
| 2                   | 2483.50        | 45.00             | 34.65          | 54.00             | 9.00           | 160            | 140          | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 1Mbps Channel 39 |           |          |

Start of Test:2022-05-11 16:04:14

### Test Graph



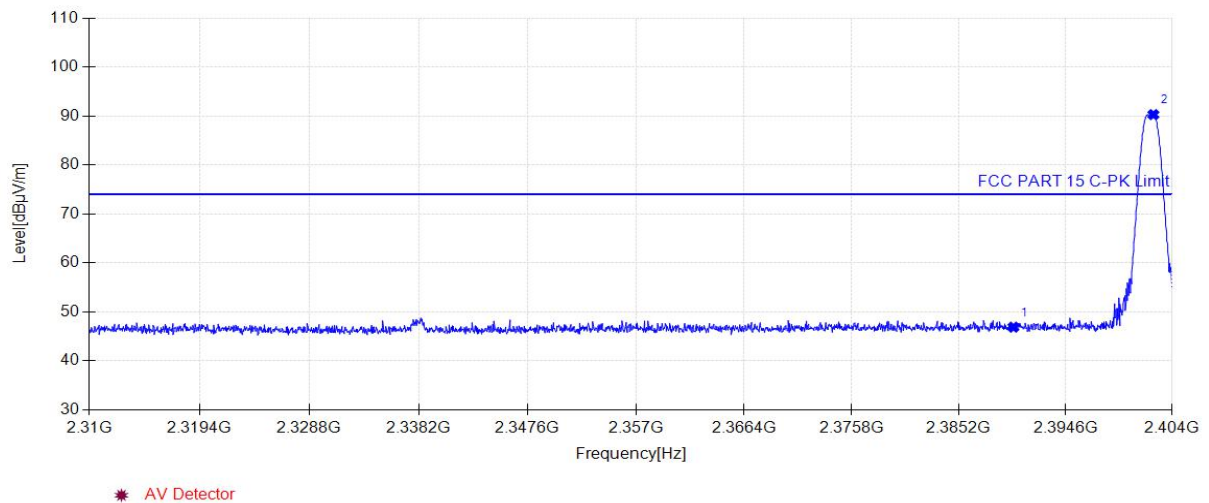
\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2479.85     | 81.45          | 34.64       | 54.00          | -27.45      | 160         | 138       | Vertical |
| 2                   | 2483.50     | 44.03          | 34.65       | 54.00          | 9.97        | 160         | 34        | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 00 |           |          |

Start of Test:2022-05-11 14:52:27

### Test Graph

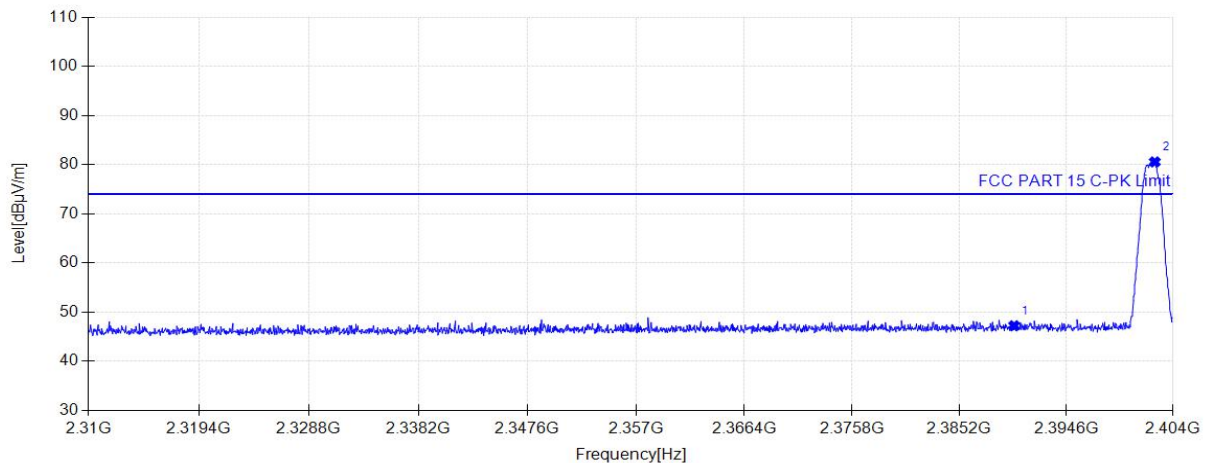


| Suspected Data List |             |                |             |                |             |             |           |            |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1                   | 2390.00     | 46.88          | 34.25       | 74.00          | 27.12       | 160         | 274       | Horizontal |
| 2                   | 2402.35     | 90.27          | 34.32       | 74.00          | -16.27      | 160         | 267       | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 00 |           |          |

Start of Test:2022-05-11 14:53:19

### Test Graph



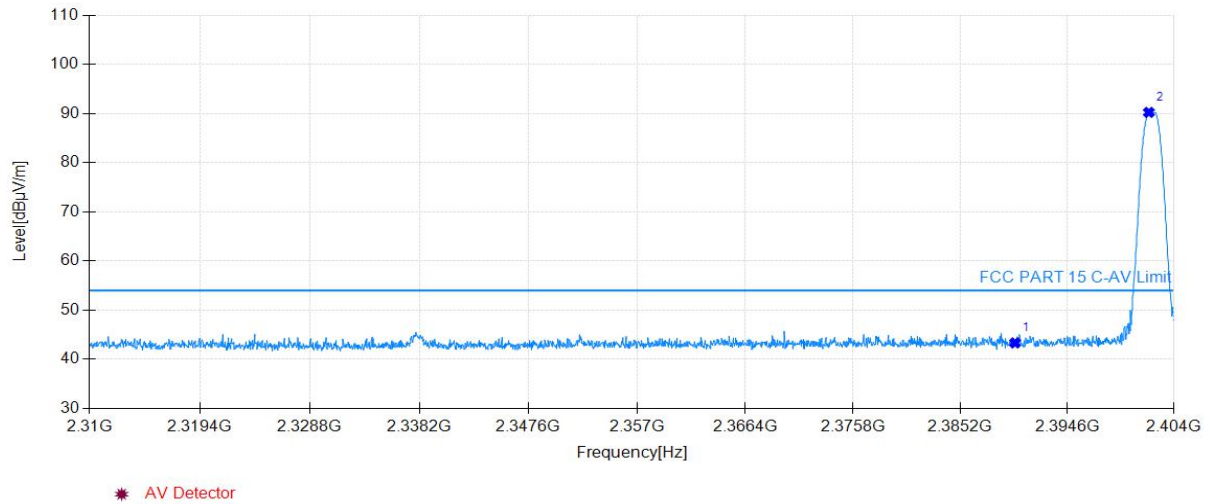
\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2390.00     | 47.23          | 34.25       | 74.00          | 26.77       | 160         | 207       | Vertical |
| 2                   | 2402.40     | 80.55          | 34.32       | 74.00          | -6.55       | 160         | 328       | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 00 |           |          |

Start of Test:2022-05-11 14:54:42

### Test Graph

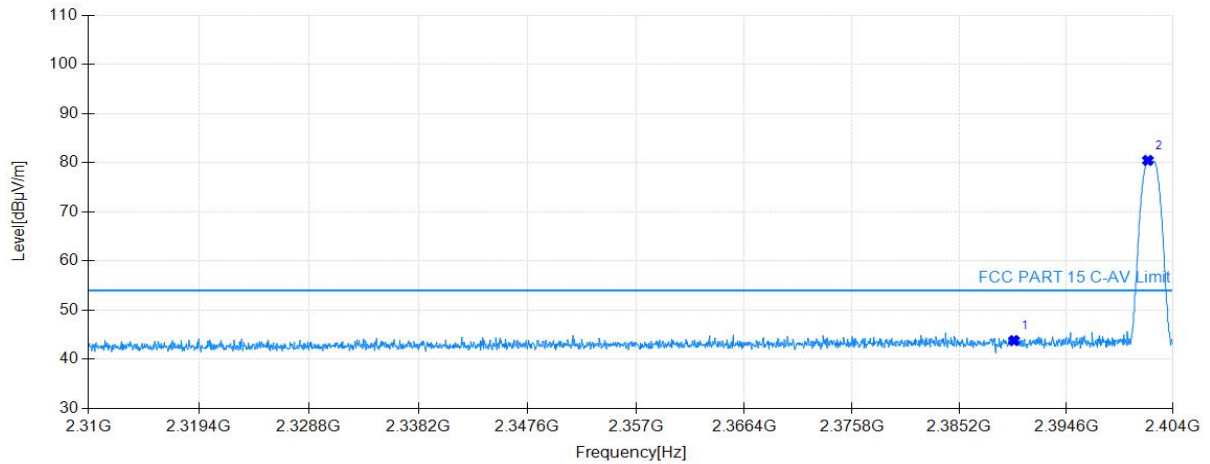


| Suspected Data List |                |                   |                |                   |                |                |              |            |
|---------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|--------------|------------|
| NO.                 | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1                   | 2390.00        | 43.33             | 34.25          | 54.00             | 10.67          | 160            | 74           | Horizontal |
| 2                   | 2401.79        | 90.22             | 34.31          | 54.00             | -36.22         | 160            | 264          | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 00 |           |          |

Start of Test:2022-05-11 14:55:35

### Test Graph



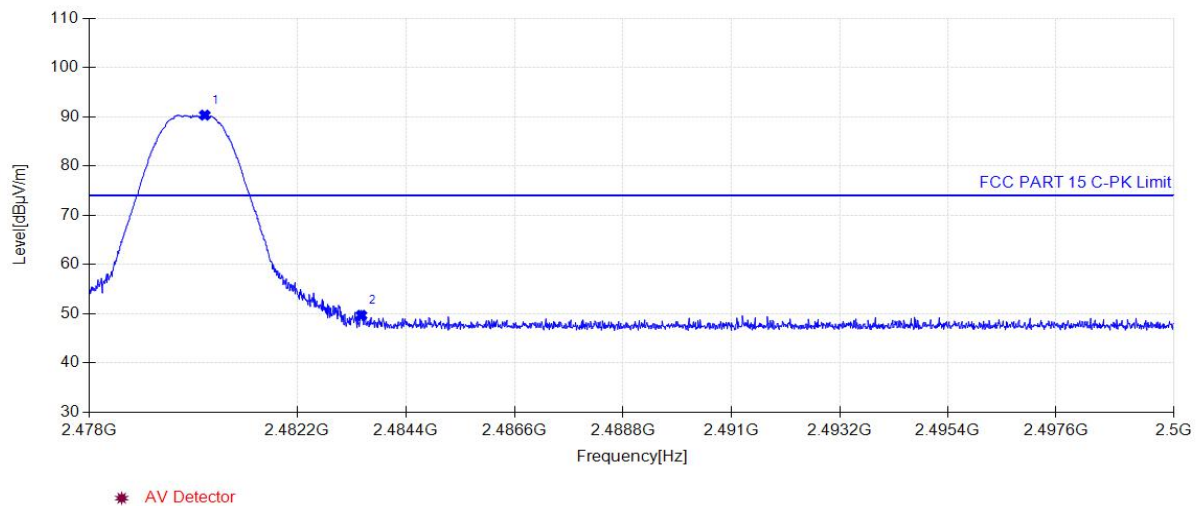
\* AV Detector

| Suspected Data List |                |                   |                |                   |                |                |              |          |
|---------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|--------------|----------|
| NO.                 | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1                   | 2390.00        | 43.80             | 34.25          | 54.00             | 10.20          | 160            | 308          | Vertical |
| 2                   | 2401.79        | 80.45             | 34.31          | 54.00             | -26.45         | 160            | 336          | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 39 |           |          |

Start of Test:2022-05-11 15:10:27

### Test Graph

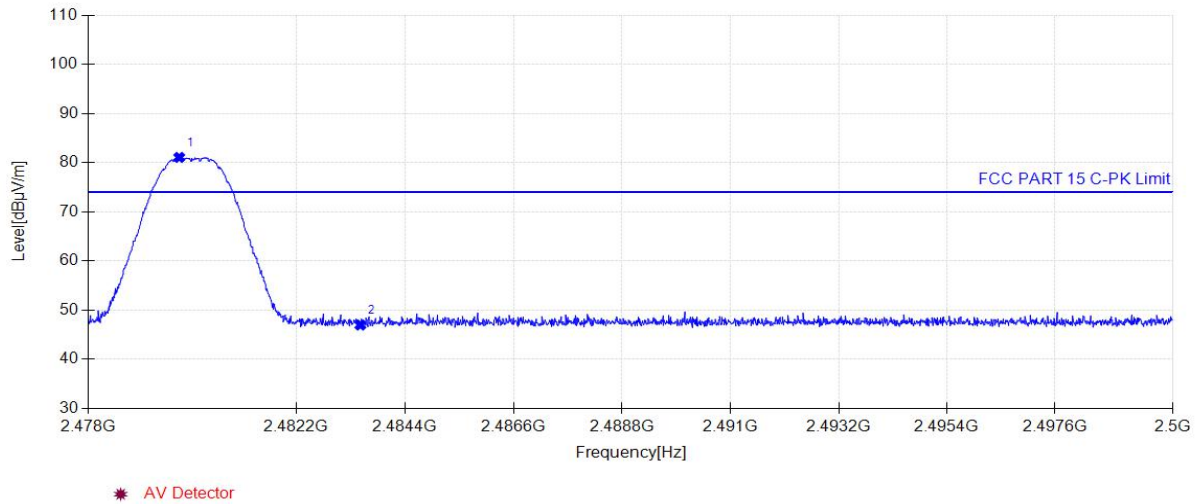


| Suspected Data List |             |                |             |                |             |             |           |            |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1                   | 2480.33     | 90.32          | 34.64       | 74.00          | -16.32      | 160         | 134       | Horizontal |
| 2                   | 2483.50     | 49.67          | 34.65       | 74.00          | 24.33       | 160         | 98        | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 39 |           |          |

Start of Test:2022-05-11 15:11:20

### Test Graph

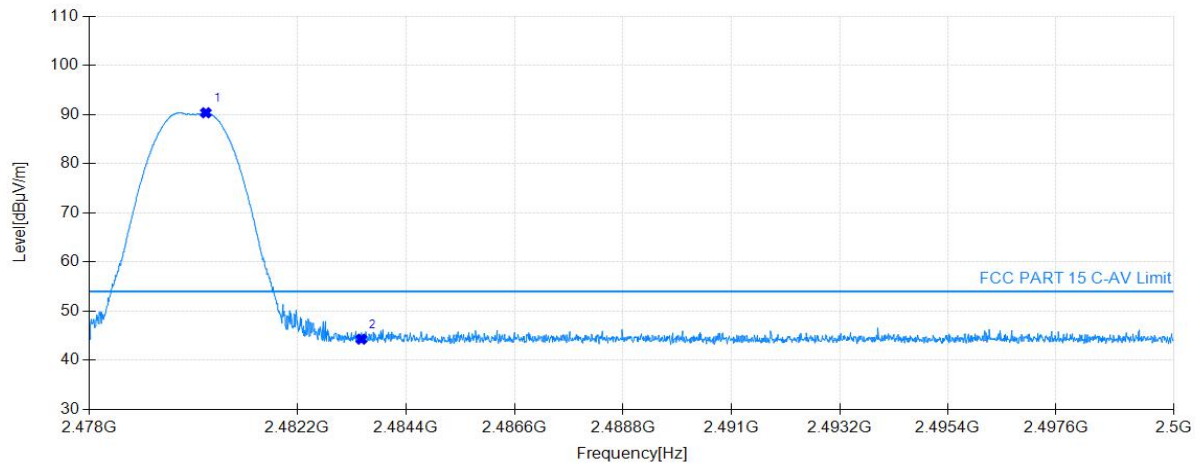


| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2479.83     | 81.06          | 34.64       | 74.00          | -7.06       | 160         | 134       | Vertical |
| 2                   | 2483.50     | 46.97          | 34.65       | 74.00          | 27.03       | 160         | 48        | Vertical |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 39 |           |          |

Start of Test:2022-05-11 15:15:03

### Test Graph



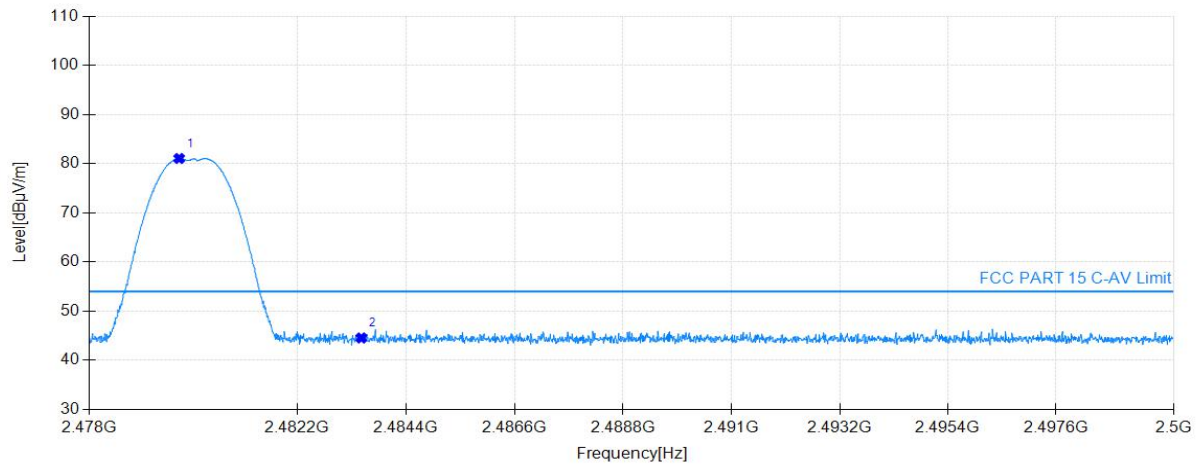
\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |            |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1                   | 2480.35     | 90.34          | 34.64       | 54.00          | -36.34      | 160         | 134       | Horizontal |
| 2                   | 2483.50     | 44.30          | 34.65       | 54.00          | 9.70        | 160         | 110       | Horizontal |

| Project Information |                              |           |          |
|---------------------|------------------------------|-----------|----------|
| EUT:                | E-BIKE                       | Model:    | C1       |
| SN:                 | N/A                          | Voltage:  | DC 3.3V  |
| Environment:        | Temp: 23°C; Humi:54%         | Engineer: | Amos Xia |
| Remark:             | Transmit at 2Mbps Channel 39 |           |          |

Start of Test:2022-05-11 15:15:56

### Test Graph



\* AV Detector

| Suspected Data List |             |                |             |                |             |             |           |          |
|---------------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.                 | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1                   | 2479.81     | 81.05          | 34.64       | 54.00          | -27.05      | 160         | 138       | Vertical |
| 2                   | 2483.50     | 44.54          | 34.65       | 54.00          | 9.46        | 160         | 74        | Vertical |

## 7.8. AC Conducted Emissions Measurement

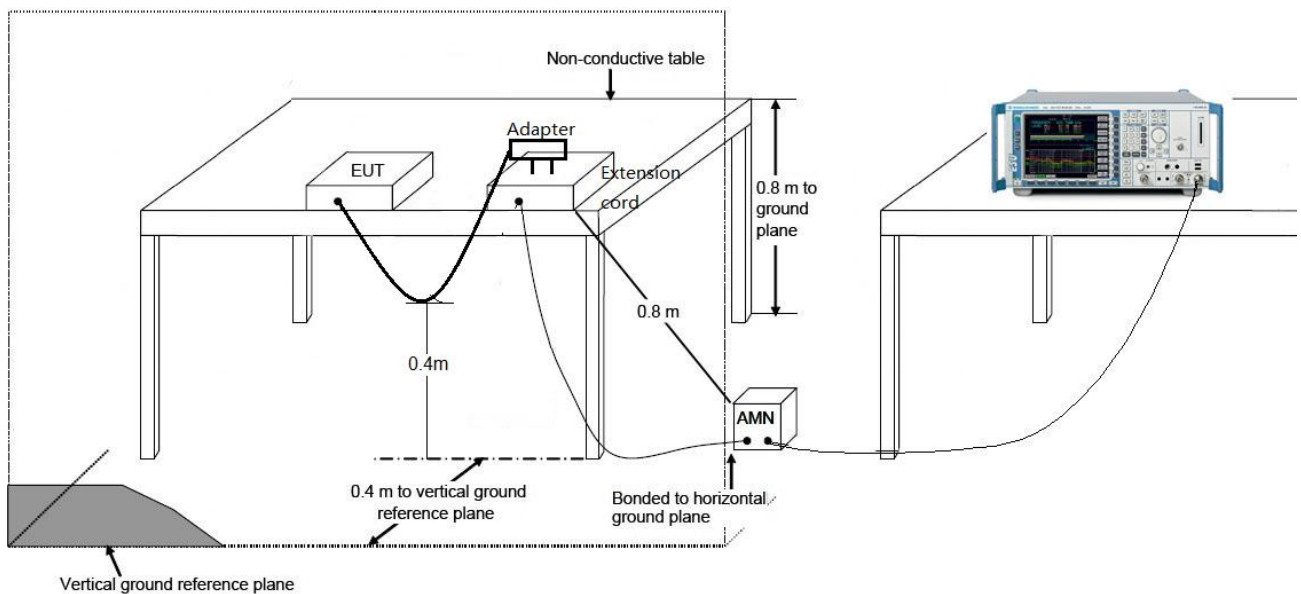
### 7.8.1. Test Limit

| FCC Part 15 Subpart C Paragraph 15.207 Limits |           |           |
|-----------------------------------------------|-----------|-----------|
| Frequency (MHz)                               | QP (dBuV) | AV (dBuV) |
| 0.15 - 0.50                                   | 66 - 56   | 56 - 46   |
| 0.50 - 5.0                                    | 56        | 46        |
| 5.0 - 30                                      | 60        | 50        |

Note 1: The lower limit shall apply at the transition frequencies.

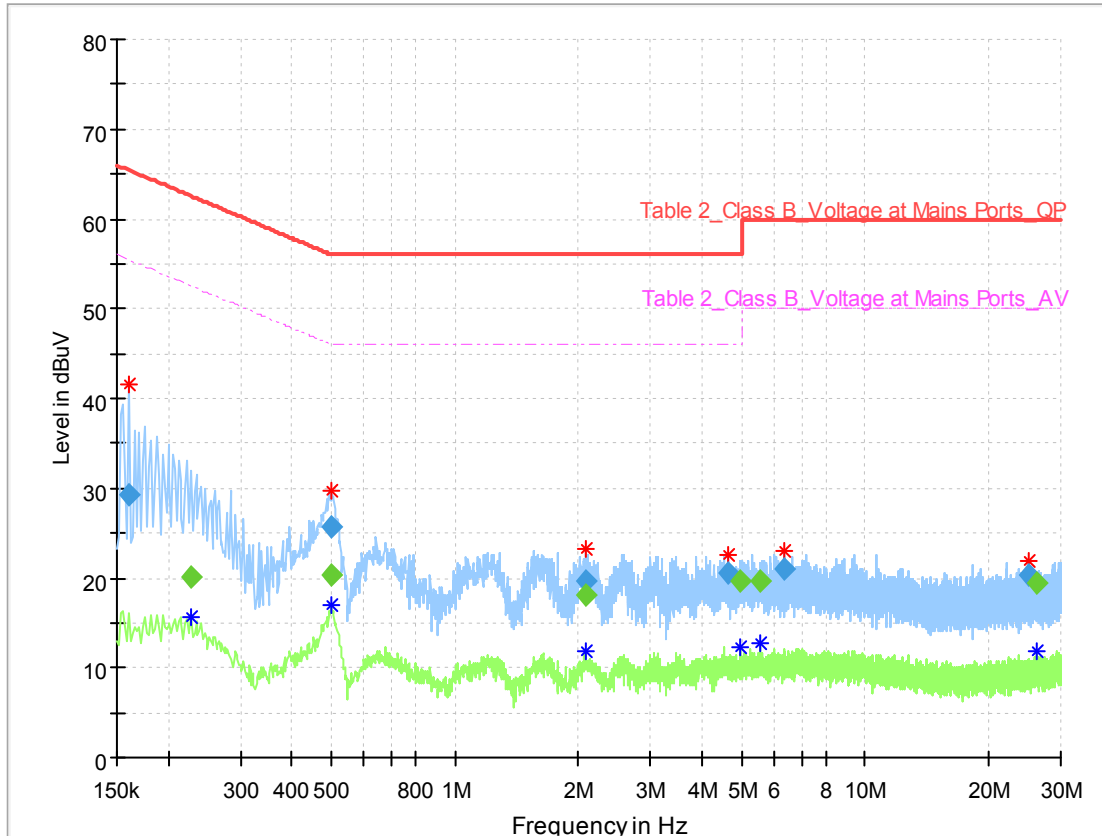
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.8.2. Test Setup



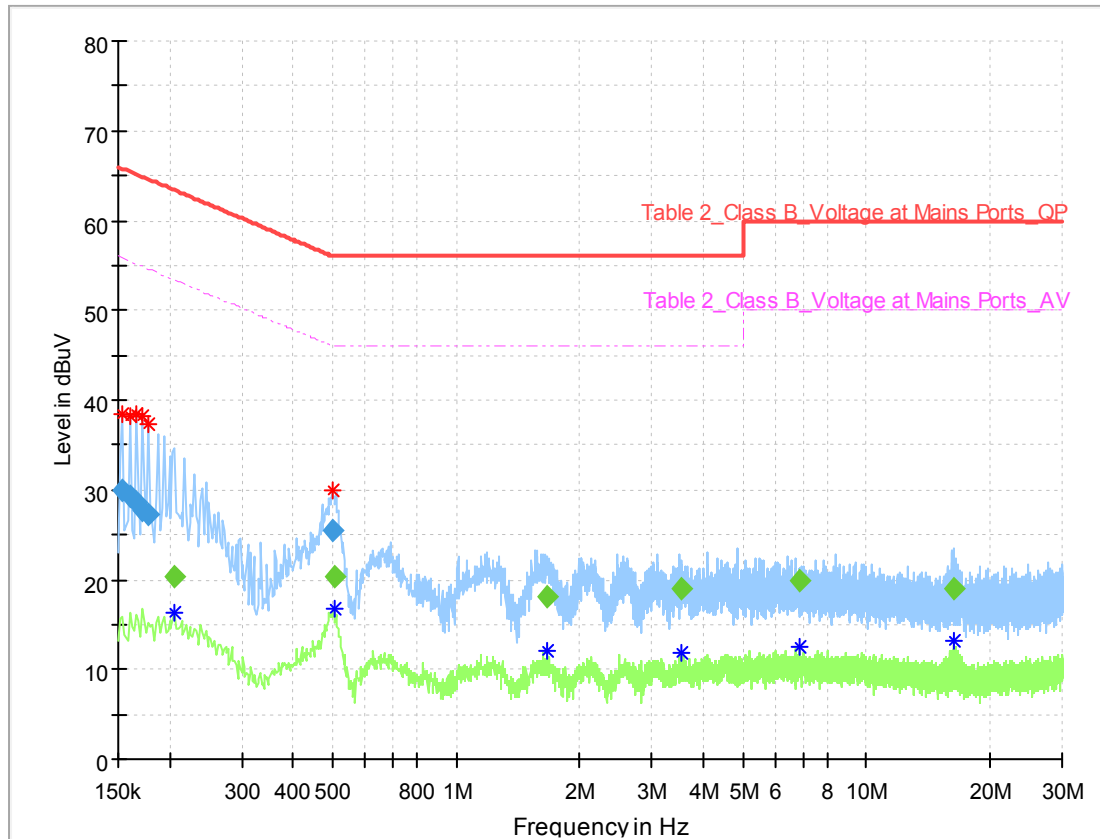
### 7.8.3. Test Result

|              |                              |           |           |
|--------------|------------------------------|-----------|-----------|
| EUT:         | E-BIKE                       | Polarity: | LINE      |
| Model:       | C1                           | Voltage:  | 120V/60Hz |
| Environment: | Temp: 22°C; Humi:52%         | Engineer: | Amos Xia  |
| Remark:      | Transmit at 2Mbps Channel 00 |           |           |



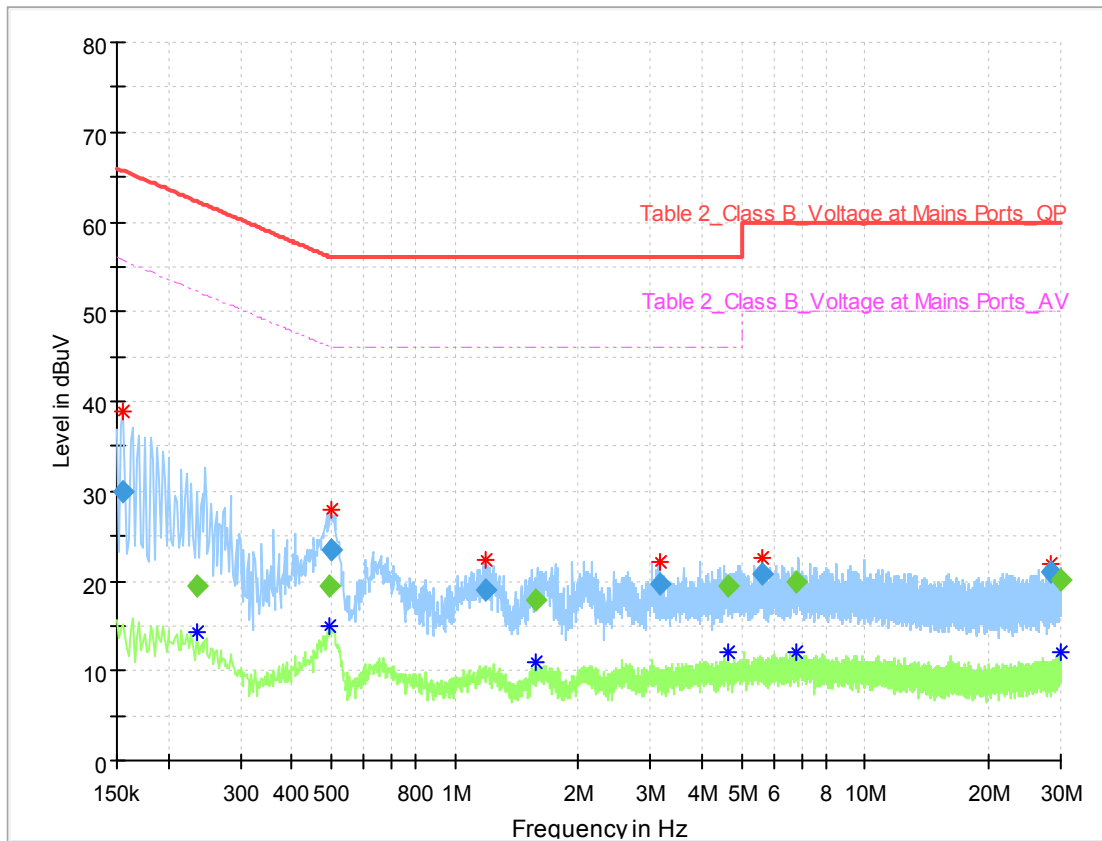
| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|------------|-----------------|------|--------|------------|
| 0.160000        | 29.25            | ---            | 65.46        | 36.21       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.228000        | ---              | 20.08          | 52.52        | 32.45       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.500000        | ---              | 20.24          | 46.00        | 25.76       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.500000        | 25.65            | ---            | 56.00        | 30.35       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 2.080000        | 19.61            | ---            | 56.00        | 36.39       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 2.088000        | ---              | 18.17          | 46.00        | 27.83       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 4.640000        | 20.50            | ---            | 56.00        | 35.50       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 4.978000        | ---              | 19.66          | 46.00        | 26.34       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 5.542000        | ---              | 19.67          | 50.00        | 30.33       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 6.358000        | 21.03            | ---            | 60.00        | 38.97       | 1000.0     | 9.000           | L1   | ON     | 9.7        |
| 25.014000       | 20.22            | ---            | 60.00        | 39.78       | 1000.0     | 9.000           | L1   | ON     | 9.8        |
| 26.314000       | ---              | 19.41          | 50.00        | 30.59       | 1000.0     | 9.000           | L1   | ON     | 9.7        |

|              |                              |           |           |
|--------------|------------------------------|-----------|-----------|
| EUT:         | E-BIKE                       | Polarity: | NEUTRAL   |
| Model:       | C1                           | Voltage:  | 120V/60Hz |
| Environment: | Temp: 22°C; Humi:52%         | Engineer: | Amos Xia  |
| Remark:      | Transmit at 2Mbps Channel 00 |           |           |



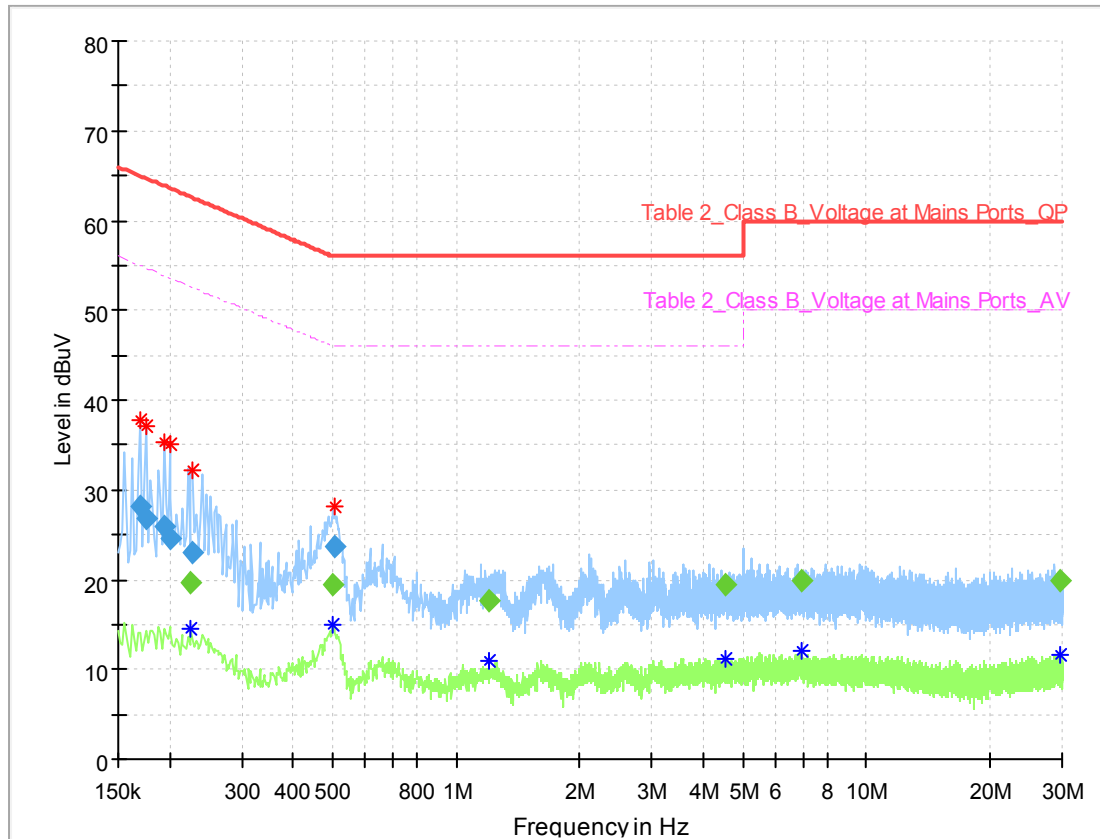
| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|------------|-----------------|------|--------|------------|
| 0.154000        | 29.93            | ---            | 65.78        | 35.86       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.160000        | 29.18            | ---            | 65.46        | 36.29       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.166000        | 28.55            | ---            | 65.16        | 36.61       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.172000        | 27.69            | ---            | 64.86        | 37.17       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.178000        | 27.15            | ---            | 64.58        | 37.42       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.206000        | ---              | 20.40          | 53.37        | 32.97       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.498000        | 25.46            | ---            | 56.03        | 30.57       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.504000        | ---              | 20.26          | 46.00        | 25.74       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 1.668000        | ---              | 18.09          | 46.00        | 27.91       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 3.526000        | ---              | 19.04          | 46.00        | 26.96       | 1000.0     | 9.000           | N    | ON     | 9.6        |
| 6.890000        | ---              | 19.89          | 50.00        | 30.11       | 1000.0     | 9.000           | N    | ON     | 9.7        |
| 16.310000       | ---              | 18.99          | 50.00        | 31.01       | 1000.0     | 9.000           | N    | ON     | 9.8        |

|              |                              |           |           |
|--------------|------------------------------|-----------|-----------|
| EUT:         | E-BIKE                       | Polarity: | LINE      |
| Model:       | C1                           | Voltage:  | 120V/60Hz |
| Environment: | Temp: 22°C; Humi:52%         | Engineer: | Amos Xia  |
| Remark:      | Transmit at 2Mbps Channel 39 |           |           |



| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|------------|-----------------|------|--------|------------|
| 0.156000        | 29.93            | ---            | 65.67        | 35.74       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.234000        | ---              | 19.47          | 52.31        | 32.84       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.494000        | ---              | 19.35          | 46.10        | 26.75       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 0.498000        | 23.54            | ---            | 56.03        | 32.49       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 1.188000        | 18.92            | ---            | 56.00        | 37.08       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 1.568000        | ---              | 17.81          | 46.00        | 28.19       | 1000.0     | 9.000           | L1   | ON     | 9.5        |
| 3.166000        | 19.67            | ---            | 56.00        | 36.33       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 4.650000        | ---              | 19.45          | 46.00        | 26.55       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 5.616000        | 20.72            | ---            | 60.00        | 39.28       | 1000.0     | 9.000           | L1   | ON     | 9.6        |
| 6.764000        | ---              | 19.89          | 50.00        | 30.11       | 1000.0     | 9.000           | L1   | ON     | 9.7        |
| 28.354000       | 20.93            | ---            | 60.00        | 39.07       | 1000.0     | 9.000           | L1   | ON     | 9.7        |
| 29.980000       | ---              | 20.09          | 50.00        | 29.91       | 1000.0     | 9.000           | L1   | ON     | 9.7        |

|              |                              |           |           |
|--------------|------------------------------|-----------|-----------|
| EUT:         | E-BIKE                       | Polarity: | NEUTRAL   |
| Model:       | C1                           | Voltage:  | 120V/60Hz |
| Environment: | Temp: 22°C; Humi:52%         | Engineer: | Amos Xia  |
| Remark:      | Transmit at 2Mbps Channel 39 |           |           |



| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|------------|-----------------|------|--------|------------|
| 0.170000        | 28.08            | ---            | 64.96        | 36.88       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.176000        | 26.73            | ---            | 64.67        | 37.95       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.194000        | 25.84            | ---            | 63.86        | 38.02       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.200000        | 24.64            | ---            | 63.61        | 38.97       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.226000        | ---              | 19.62          | 52.60        | 32.98       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.228000        | 23.00            | ---            | 62.52        | 39.53       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.500000        | ---              | 19.48          | 46.00        | 26.52       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 0.504000        | 23.75            | ---            | 56.00        | 32.25       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 1.204000        | ---              | 17.76          | 46.00        | 28.24       | 1000.0     | 9.000           | N    | ON     | 9.5        |
| 4.536000        | ---              | 19.41          | 46.00        | 26.59       | 1000.0     | 9.000           | N    | ON     | 9.6        |
| 6.912000        | ---              | 19.87          | 50.00        | 30.13       | 1000.0     | 9.000           | N    | ON     | 9.7        |
| 29.678000       | ---              | 19.98          | 50.00        | 30.02       | 1000.0     | 9.000           | N    | ON     | 9.7        |

## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the **E-BIKE** is in compliance with Part 15C of the FCC Rules.

\_\_\_\_\_ The End \_\_\_\_\_