

## EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

USB Input:

BLE-1M-Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2024-06-06\_10.48.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

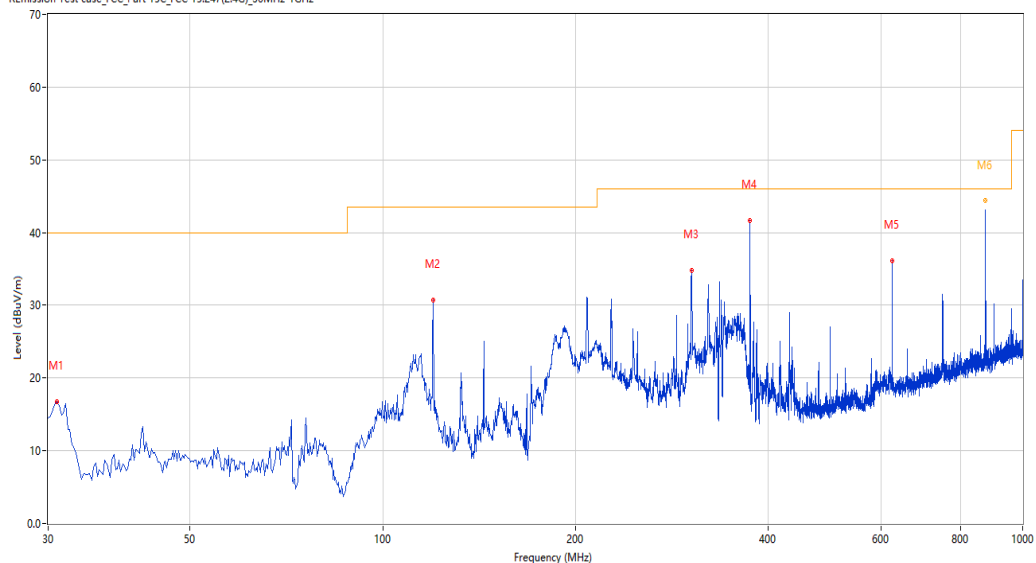
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

R Emission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 30.970          | 16.74            | -28.43      | 40.0           | 23.26       | Peak     | 355.80         | 100         | Horizontal | Pass    |
| 2   | 119.945         | 30.71            | -27.36      | 43.5           | 12.79       | Peak     | 32.40          | 100         | Horizontal | Pass    |
| 3   | 303.957         | 34.81            | -22.68      | 46.0           | 11.19       | Peak     | 114.90         | 100         | Horizontal | Pass    |
| 4   | 374.991         | 41.66            | -20.63      | 46.0           | 4.34        | Peak     | 155.60         | 100         | Horizontal | Pass    |
| 5   | 624.946         | 36.09            | -14.10      | 46.0           | 9.91        | Peak     | 135.90         | 100         | Horizontal | Pass    |
| 6*  | 875.005         | 44.41            | -9.44       | 46.0           | 1.59        | QP       | 238.30         | 100         | Horizontal | Pass    |

## BLE-1M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_10.31.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

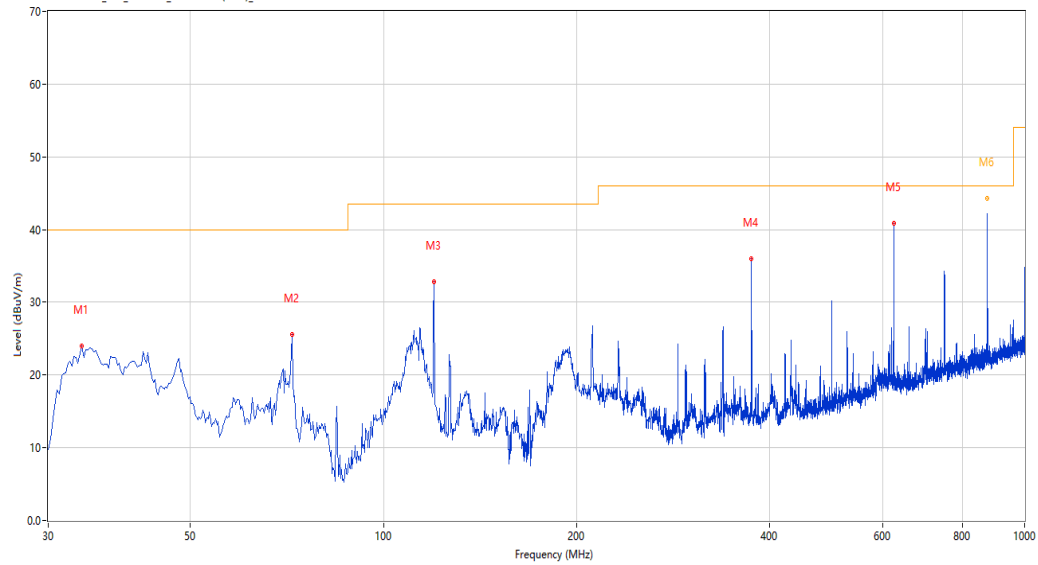
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

R Emission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 33.879          | 23.96            | -27.40      | 40.0           | 16.04       | Peak     | 0.60           | 100         | Vertical | Pass    |
| 2   | 71.942          | 25.54            | -29.48      | 40.0           | 14.46       | Peak     | 326.10         | 100         | Vertical | Pass    |
| 3   | 119.945         | 32.88            | -27.36      | 43.5           | 10.62       | Peak     | 216.80         | 100         | Vertical | Pass    |
| 4   | 374.991         | 36.03            | -20.63      | 46.0           | 9.97        | Peak     | 319.90         | 100         | Vertical | Pass    |
| 5   | 624.946         | 40.82            | -14.10      | 46.0           | 5.18        | Peak     | 2.50           | 100         | Vertical | Pass    |
| 6*  | 875.005         | 44.32            | -9.44       | 46.0           | 1.68        | QP       | 155.60         | 115         | Vertical | Pass    |

## POE Input:

BLE-1M-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-06\_13.20.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

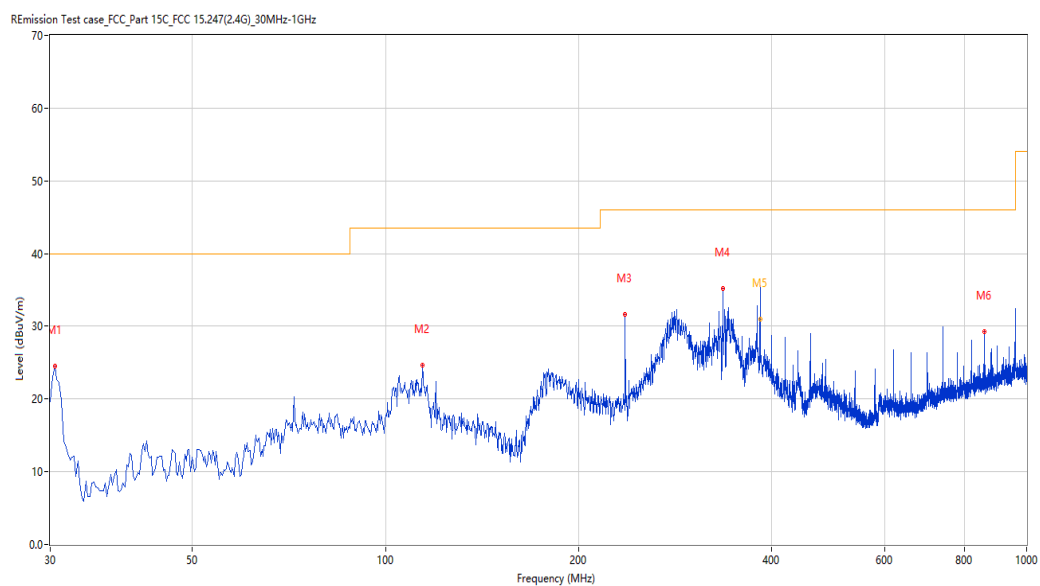
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



## BLE-1M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_13.04.33

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

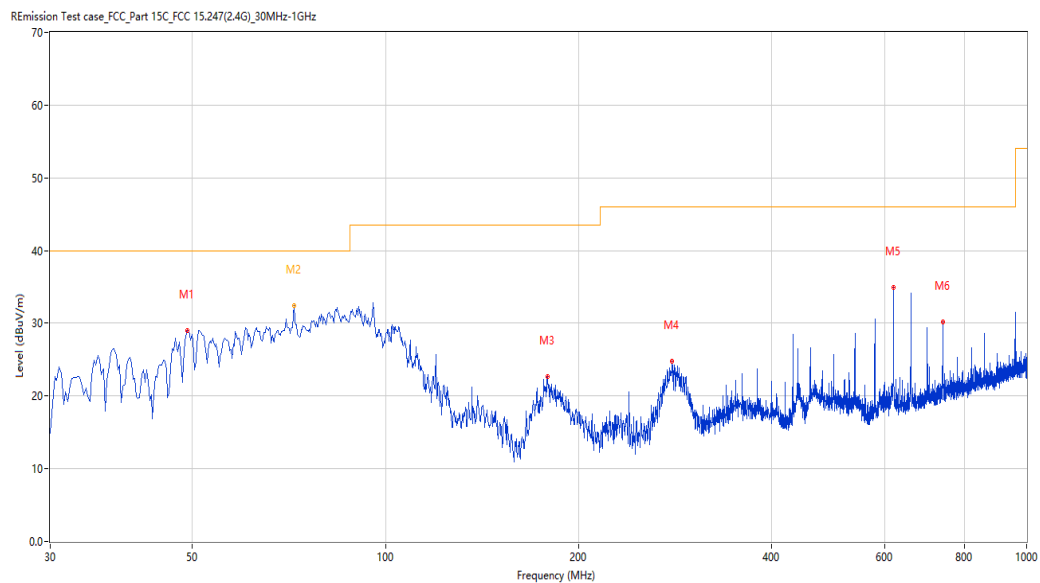
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 49.153          | 29.06            | -23.99      | 40.0           | 10.94       | Peak     | 196.10         | 100         | Vertical | Pass    |
| 2   | 72.006          | 33.99            | -29.48      | 40.0           | 6.01        | Peak     | 360.60         | 100         | Vertical | Pass    |
| 2*  | 72.006          | 32.48            | -29.48      | 40.0           | 7.52        | QP       | 360.60         | 100         | Vertical | Pass    |
| 3   | 178.858         | 22.69            | -27.88      | 43.5           | 20.81       | Peak     | 174.80         | 100         | Vertical | Pass    |
| 4   | 279.955         | 24.73            | -23.02      | 46.0           | 21.27       | Peak     | 324.30         | 100         | Vertical | Pass    |
| 5   | 619.855         | 34.89            | -13.59      | 46.0           | 11.11       | Peak     | 1.30           | 100         | Vertical | Pass    |
| 6   | 739.863         | 30.14            | -12.06      | 46.0           | 15.86       | Peak     | 79.70          | 100         | Vertical | Pass    |

1-18G

BLE-1M-Low channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-05\_14.41.06

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

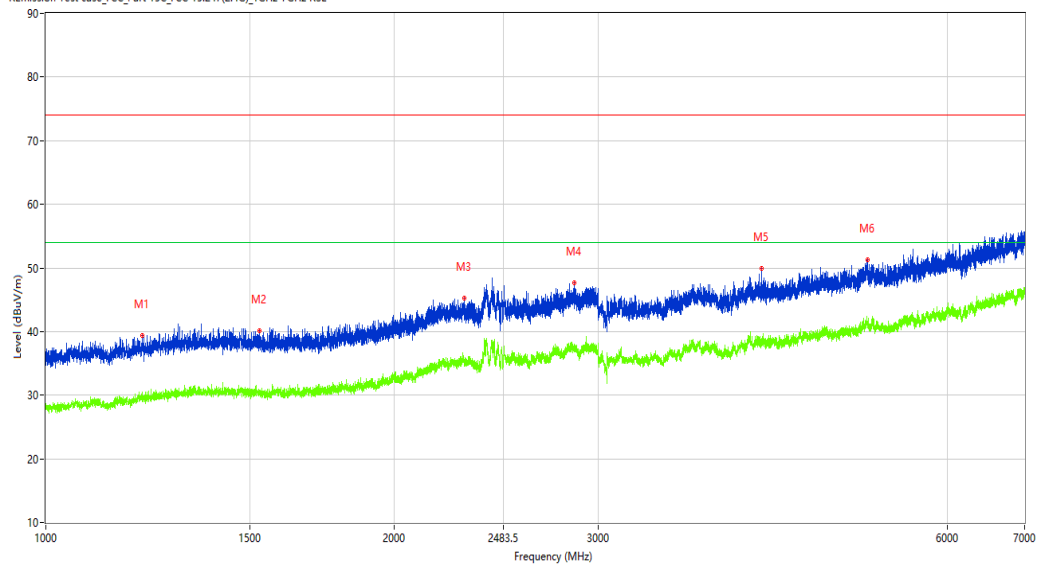
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1210.750        | 39.41            | -13.70      | 74.0           | 34.59       | Peak     | 253.40         | 100         | Horizontal | Pass    |
| 1** | 1210.750        | 29.47            | -13.70      | 54.0           | 24.53       | AV       | 253.40         | 100         | Horizontal | Pass    |
| 2   | 1530.250        | 40.19            | -13.02      | 74.0           | 33.81       | Peak     | 148.10         | 100         | Horizontal | Pass    |
| 2** | 1530.250        | 30.10            | -13.02      | 54.0           | 23.90       | AV       | 148.10         | 100         | Horizontal | Pass    |
| 3   | 2297.500        | 45.20            | -7.45       | 74.0           | 28.80       | Peak     | 148.10         | 100         | Horizontal | Pass    |
| 3** | 2297.500        | 35.13            | -7.45       | 54.0           | 18.87       | AV       | 148.10         | 100         | Horizontal | Pass    |
| 4   | 2857.500        | 47.68            | -4.21       | 74.0           | 26.32       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 4** | 2857.500        | 37.96            | -4.21       | 54.0           | 16.04       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 5   | 4147.500        | 49.97            | -2.02       | 74.0           | 24.03       | Peak     | 56.70          | 100         | Horizontal | Pass    |
| 5** | 4147.500        | 37.98            | -2.02       | 54.0           | 16.02       | AV       | 56.70          | 100         | Horizontal | Pass    |
| 6   | 5122.500        | 51.27            | 0.36        | 74.0           | 22.73       | Peak     | 43.20          | 100         | Horizontal | Pass    |
| 6** | 5122.500        | 41.10            | 0.36        | 54.0           | 12.90       | AV       | 43.20          | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.43.12

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

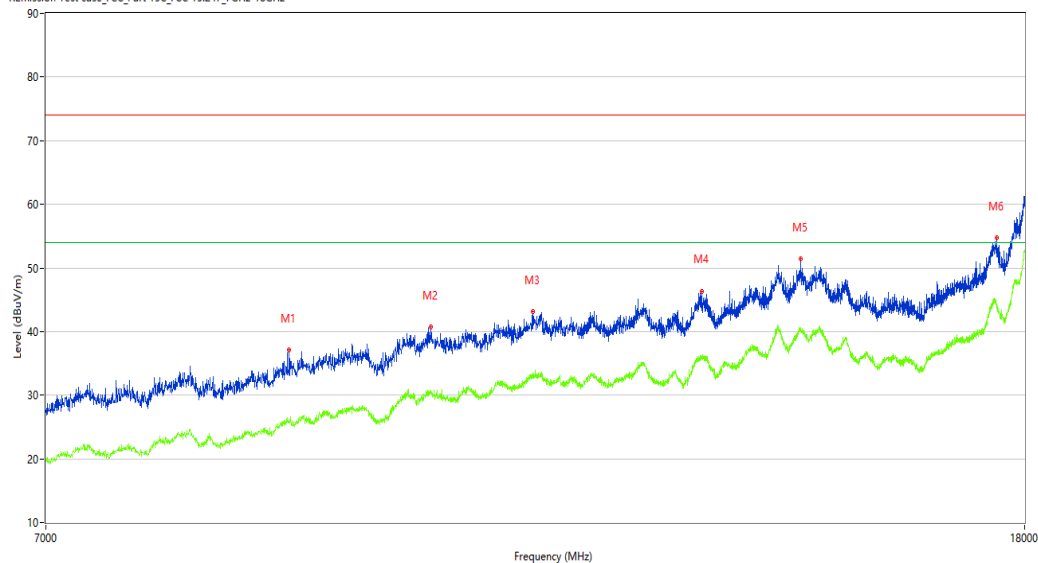
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8853.500        | 37.15            | 4.42        | 74.0           | 36.85       | Peak     | 170.60         | 100         | Horizontal | Pass    |
| 1** | 8853.500        | 25.79            | 4.42        | 54.0           | 28.21       | AV       | 170.60         | 100         | Horizontal | Pass    |
| 2   | 10148.750       | 40.73            | 8.40        | 74.0           | 33.27       | Peak     | 265.80         | 100         | Horizontal | Pass    |
| 2** | 10148.750       | 30.59            | 8.40        | 54.0           | 23.41       | AV       | 265.80         | 100         | Horizontal | Pass    |
| 3   | 11202.000       | 43.10            | 10.46       | 74.0           | 30.90       | Peak     | 265.80         | 100         | Horizontal | Pass    |
| 3** | 11202.000       | 33.52            | 10.46       | 54.0           | 20.48       | AV       | 265.80         | 100         | Horizontal | Pass    |
| 4   | 13179.250       | 46.36            | 13.16       | 74.0           | 27.64       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 4** | 13179.250       | 36.01            | 13.16       | 54.0           | 17.99       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 5   | 14496.500       | 51.38            | 16.84       | 74.0           | 22.62       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 14496.500       | 40.57            | 16.84       | 54.0           | 13.43       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 17524.251       | 54.69            | 20.98       | 74.0           | 19.31       | Peak     | 66.10          | 100         | Horizontal | Pass    |
| 6** | 17524.251       | 44.23            | 20.98       | 54.0           | 9.77        | AV       | 66.10          | 100         | Horizontal | Pass    |

## BLE-1M-Low channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.18.55

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

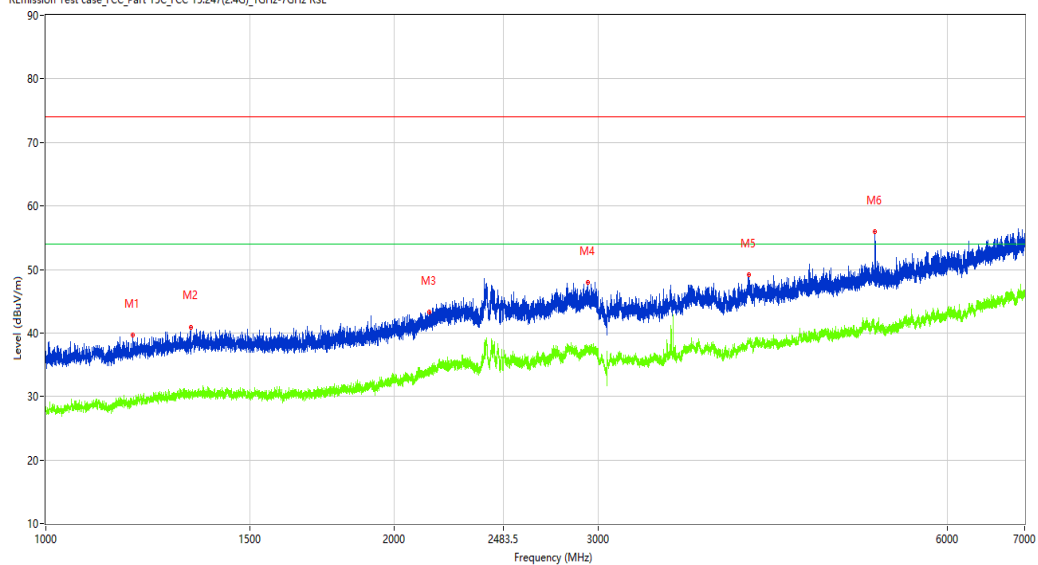
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.750        | 39.62            | -13.72      | 74.0           | 34.38       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 1** | 1188.750        | 28.88            | -13.72      | 54.0           | 25.12       | AV       | 360.00         | 100         | Vertical | Pass    |
| 2   | 1333.250        | 40.96            | -12.92      | 74.0           | 33.04       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 1333.250        | 30.11            | -12.92      | 54.0           | 23.89       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 2141.750        | 43.27            | -9.08       | 74.0           | 30.73       | Peak     | 103.20         | 100         | Vertical | Pass    |
| 3** | 2141.750        | 34.55            | -9.08       | 54.0           | 19.45       | AV       | 103.20         | 100         | Vertical | Pass    |
| 4   | 2935.750        | 47.98            | -4.48       | 74.0           | 26.02       | Peak     | 13.30          | 100         | Vertical | Pass    |
| 4** | 2935.750        | 37.39            | -4.48       | 54.0           | 16.61       | AV       | 13.30          | 100         | Vertical | Pass    |
| 5   | 4048.000        | 49.15            | -1.52       | 74.0           | 24.85       | Peak     | 340.20         | 100         | Vertical | Pass    |
| 5** | 4048.000        | 38.79            | -1.52       | 54.0           | 15.21       | AV       | 340.20         | 100         | Vertical | Pass    |
| 6   | 5197.500        | 55.88            | 0.08        | 74.0           | 18.12       | Peak     | 36.60          | 100         | Vertical | Pass    |
| 6** | 5197.500        | 40.14            | 0.08        | 54.0           | 13.86       | AV       | 36.60          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.38.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

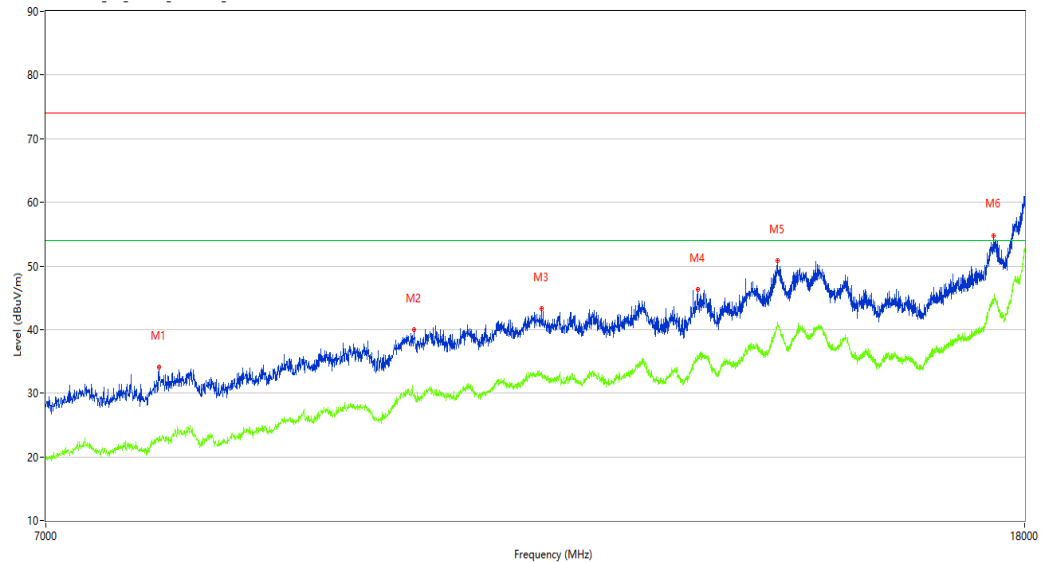
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 7805.750        | 34.09            | 1.96        | 74.0           | 39.91       | Peak     | 279.60         | 100         | Vertical | Pass    |
| 1** | 7805.750        | 22.50            | 1.96        | 54.0           | 31.50       | AV       | 279.60         | 100         | Vertical | Pass    |
| 2   | 9989.250        | 39.96            | 8.44        | 74.0           | 34.04       | Peak     | 238.80         | 100         | Vertical | Pass    |
| 2** | 9989.250        | 29.45            | 8.44        | 54.0           | 24.55       | AV       | 238.80         | 100         | Vertical | Pass    |
| 3   | 11292.750       | 43.22            | 11.49       | 74.0           | 30.78       | Peak     | 238.80         | 100         | Vertical | Pass    |
| 3** | 11292.750       | 33.39            | 11.49       | 54.0           | 20.61       | AV       | 238.80         | 100         | Vertical | Pass    |
| 4   | 13129.750       | 46.28            | 13.04       | 74.0           | 27.72       | Peak     | 343.50         | 100         | Vertical | Pass    |
| 4** | 13129.750       | 35.49            | 13.04       | 54.0           | 18.51       | AV       | 343.50         | 100         | Vertical | Pass    |
| 5   | 14177.500       | 50.80            | 18.32       | 74.0           | 23.20       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 14177.500       | 40.69            | 18.32       | 54.0           | 13.31       | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 17472.000       | 54.67            | 21.44       | 74.0           | 19.33       | Peak     | 187.20         | 100         | Vertical | Pass    |
| 6** | 17472.000       | 44.46            | 21.44       | 54.0           | 9.54        | AV       | 187.20         | 100         | Vertical | Pass    |



## BLE-1M-Middle channel-Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.34.57

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

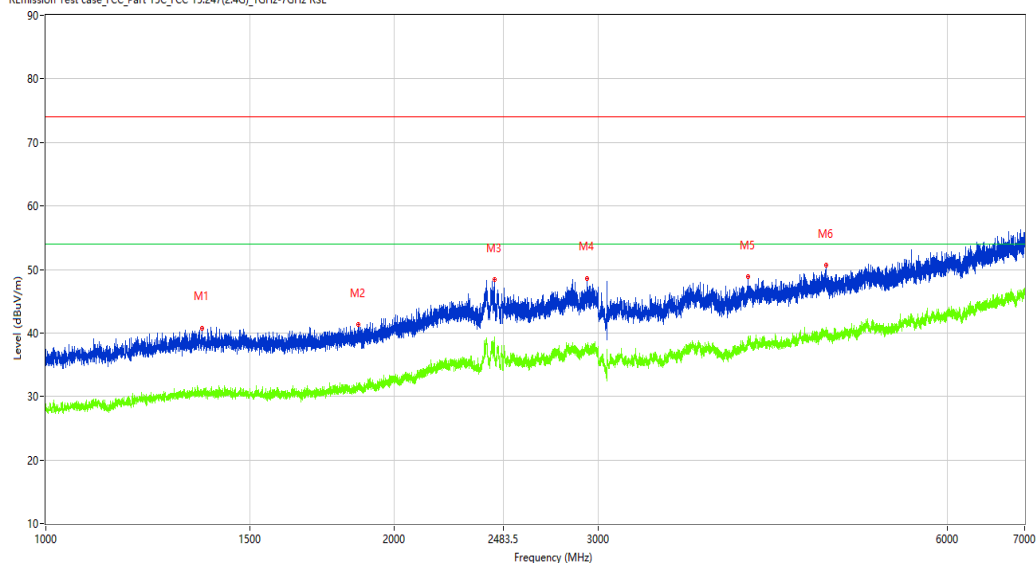
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1363.250        | 40.79            | -12.63      | 74.0           | 33.21       | Peak     | 4.80           | 100         | Horizontal | Pass    |
| 1** | 1363.250        | 30.86            | -12.63      | 54.0           | 23.14       | AV       | 4.80           | 100         | Horizontal | Pass    |
| 2   | 1859.750        | 41.32            | -12.09      | 74.0           | 32.68       | Peak     | 70.20          | 100         | Horizontal | Pass    |
| 2** | 1859.750        | 31.47            | -12.09      | 54.0           | 22.53       | AV       | 70.20          | 100         | Horizontal | Pass    |
| 3   | 2439.250        | 48.38            | -5.46       | 74.0           | 25.62       | Peak     | 214.40         | 100         | Horizontal | Pass    |
| 3** | 2439.250        | 38.13            | -5.46       | 54.0           | 15.87       | AV       | 214.40         | 100         | Horizontal | Pass    |
| 4   | 2931.000        | 48.64            | -4.63       | 74.0           | 25.36       | Peak     | 70.20          | 100         | Horizontal | Pass    |
| 4** | 2931.000        | 38.15            | -4.63       | 54.0           | 15.85       | AV       | 70.20          | 100         | Horizontal | Pass    |
| 5   | 4041.500        | 48.89            | -1.58       | 74.0           | 25.11       | Peak     | 177.50         | 100         | Horizontal | Pass    |
| 5** | 4041.500        | 38.94            | -1.58       | 54.0           | 15.06       | AV       | 177.50         | 100         | Horizontal | Pass    |
| 6   | 4718.000        | 50.65            | -0.88       | 74.0           | 23.35       | Peak     | 151.30         | 100         | Horizontal | Pass    |
| 6** | 4718.000        | 40.08            | -0.88       | 54.0           | 13.92       | AV       | 151.30         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.44.47

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

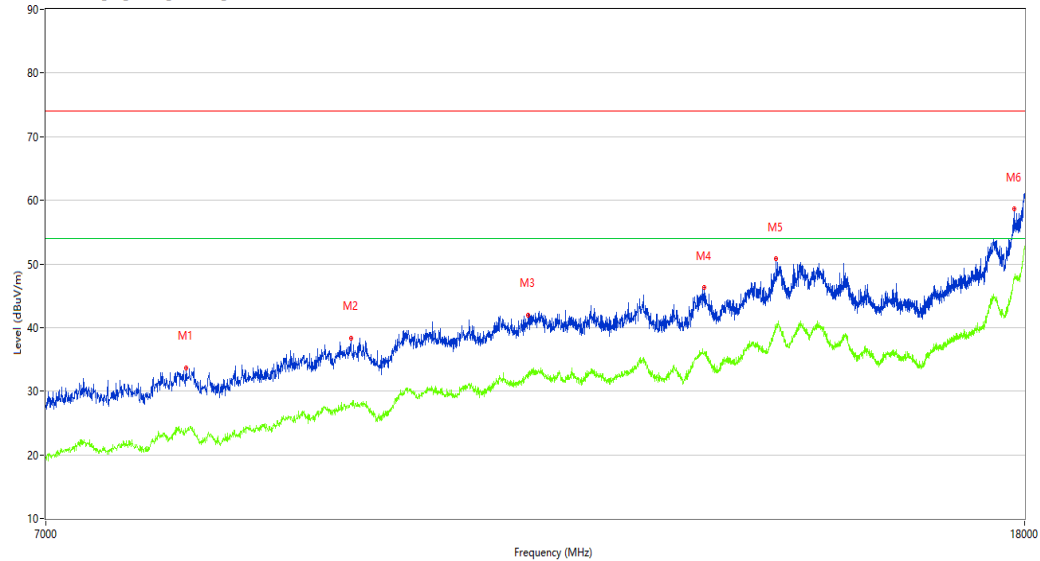
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8017.500        | 33.72            | 3.40        | 74.0           | 40.28       | Peak     | 192.20         | 100         | Horizontal | Pass    |
| 1** | 8017.500        | 23.45            | 3.40        | 54.0           | 30.55       | AV       | 192.20         | 100         | Horizontal | Pass    |
| 2   | 9395.250        | 38.38            | 6.72        | 74.0           | 35.62       | Peak     | 232.30         | 100         | Horizontal | Pass    |
| 2** | 9395.250        | 28.14            | 6.72        | 54.0           | 25.86       | AV       | 232.30         | 100         | Horizontal | Pass    |
| 3   | 11147.000       | 41.99            | 9.95        | 74.0           | 32.01       | Peak     | 41.40          | 100         | Horizontal | Pass    |
| 3** | 11147.000       | 32.63            | 9.95        | 54.0           | 21.37       | AV       | 41.40          | 100         | Horizontal | Pass    |
| 4   | 13217.750       | 46.32            | 13.26       | 74.0           | 27.68       | Peak     | 338.90         | 100         | Horizontal | Pass    |
| 4** | 13217.750       | 35.96            | 13.26       | 54.0           | 18.04       | AV       | 338.90         | 100         | Horizontal | Pass    |
| 5   | 14161.000       | 50.82            | 17.78       | 74.0           | 23.18       | Peak     | 232.30         | 100         | Horizontal | Pass    |
| 5** | 14161.000       | 39.91            | 17.78       | 54.0           | 14.09       | AV       | 232.30         | 100         | Horizontal | Pass    |
| 6   | 17815.751       | 58.70            | 22.88       | 74.0           | 15.30       | Peak     | 192.20         | 100         | Horizontal | Pass    |
| 6** | 17815.751       | 47.94            | 22.88       | 54.0           | 6.06        | AV       | 192.20         | 100         | Horizontal | Pass    |

## BLE-1M-Middle channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.22.35

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

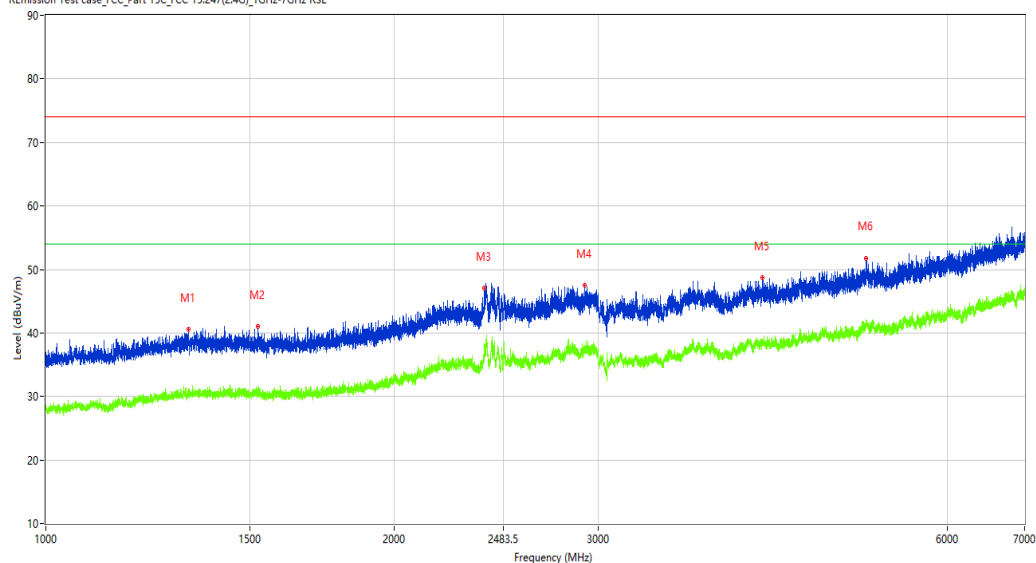
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.000        | 40.61            | -12.95      | 74.0           | 33.39       | Peak     | 81.00          | 100         | Vertical | Pass    |
| 1** | 1329.000        | 31.17            | -12.95      | 54.0           | 22.83       | AV       | 81.00          | 100         | Vertical | Pass    |
| 2   | 1525.250        | 41.02            | -13.03      | 74.0           | 32.98       | Peak     | 1.30           | 100         | Vertical | Pass    |
| 2** | 1525.250        | 30.03            | -13.03      | 54.0           | 23.97       | AV       | 1.30           | 100         | Vertical | Pass    |
| 3   | 2391.500        | 46.99            | -5.22       | 74.0           | 27.01       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 2391.500        | 37.73            | -5.22       | 54.0           | 16.27       | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 2919.750        | 47.46            | -4.57       | 74.0           | 26.54       | Peak     | 13.10          | 100         | Vertical | Pass    |
| 4** | 2919.750        | 37.56            | -4.57       | 54.0           | 16.44       | AV       | 13.10          | 100         | Vertical | Pass    |
| 5   | 4157.000        | 48.75            | -2.06       | 74.0           | 25.25       | Peak     | 336.20         | 100         | Vertical | Pass    |
| 5** | 4157.000        | 38.80            | -2.06       | 54.0           | 15.20       | AV       | 336.20         | 100         | Vertical | Pass    |
| 6   | 5109.500        | 51.79            | 0.40        | 74.0           | 22.21       | Peak     | 218.00         | 100         | Vertical | Pass    |
| 6** | 5109.500        | 41.19            | 0.40        | 54.0           | 12.81       | AV       | 218.00         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.40.07

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

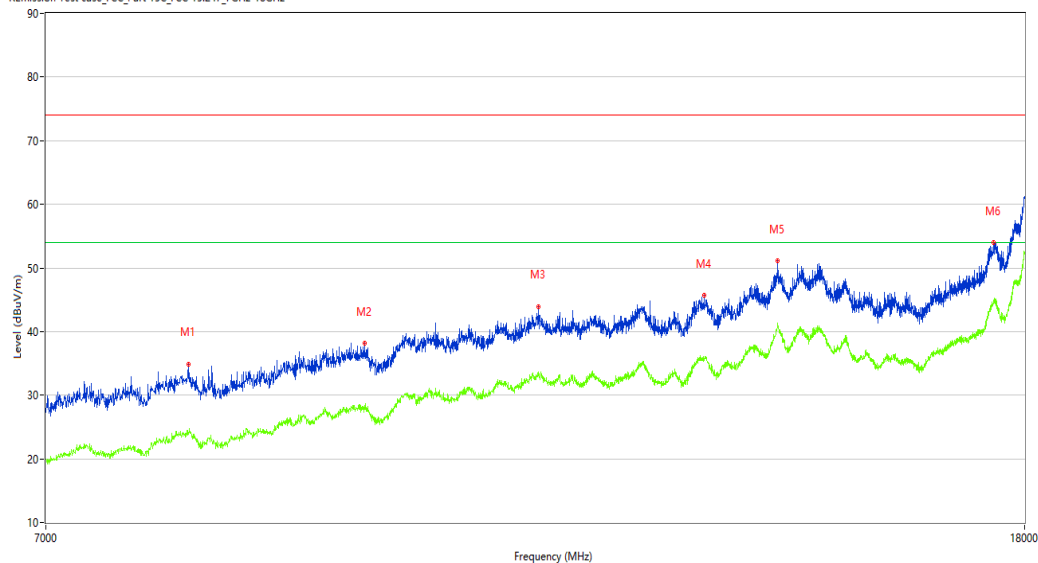
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 8031.250        | 34.92            | 3.63        | 74.0           | 39.08       | Peak     | 293.30         | 100         | Vertical | Pass    |
| 1** | 8031.250        | 23.85            | 3.63        | 54.0           | 30.15       | AV       | 293.30         | 100         | Vertical | Pass    |
| 2   | 9521.750        | 38.20            | 7.20        | 74.0           | 35.80       | Peak     | 149.60         | 100         | Vertical | Pass    |
| 2** | 9521.750        | 27.92            | 7.20        | 54.0           | 26.08       | AV       | 149.60         | 100         | Vertical | Pass    |
| 3   | 11257.000       | 43.95            | 11.14       | 74.0           | 30.05       | Peak     | 306.20         | 100         | Vertical | Pass    |
| 3** | 11257.000       | 33.42            | 11.14       | 54.0           | 20.58       | AV       | 306.20         | 100         | Vertical | Pass    |
| 4   | 13215.000       | 45.76            | 13.25       | 74.0           | 28.24       | Peak     | 49.50          | 100         | Vertical | Pass    |
| 4** | 13215.000       | 35.43            | 13.25       | 54.0           | 18.57       | AV       | 49.50          | 100         | Vertical | Pass    |
| 5   | 14180.250       | 51.16            | 18.41       | 74.0           | 22.84       | Peak     | 1.60           | 100         | Vertical | Pass    |
| 5** | 14180.250       | 41.36            | 18.41       | 54.0           | 12.64       | AV       | 1.60           | 100         | Vertical | Pass    |
| 6   | 17472.000       | 53.93            | 21.44       | 74.0           | 20.07       | Peak     | 318.30         | 100         | Vertical | Pass    |
| 6** | 17472.000       | 44.66            | 21.44       | 54.0           | 9.34        | AV       | 318.30         | 100         | Vertical | Pass    |

## BLE-1M-High channel-Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.30.11

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

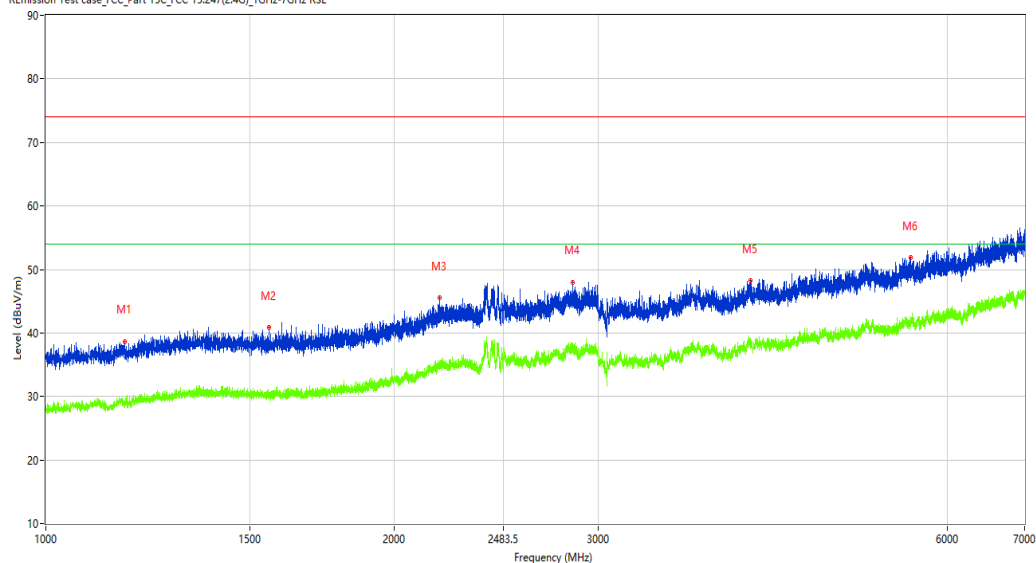
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1170.250        | 38.70            | -13.55      | 74.0           | 35.30       | Peak     | 283.70         | 100         | Horizontal | Pass    |
| 1** | 1170.250        | 28.70            | -13.55      | 54.0           | 25.30       | AV       | 283.70         | 100         | Horizontal | Pass    |
| 2   | 1558.000        | 40.91            | -13.07      | 74.0           | 33.09       | Peak     | 62.50          | 100         | Horizontal | Pass    |
| 2** | 1558.000        | 30.70            | -13.07      | 54.0           | 23.30       | AV       | 62.50          | 100         | Horizontal | Pass    |
| 3   | 2187.000        | 45.50            | -8.13       | 74.0           | 28.50       | Peak     | 75.80          | 100         | Horizontal | Pass    |
| 3** | 2187.000        | 34.90            | -8.13       | 54.0           | 19.10       | AV       | 75.80          | 100         | Horizontal | Pass    |
| 4   | 2852.000        | 48.03            | -4.25       | 74.0           | 25.97       | Peak     | 62.50          | 100         | Horizontal | Pass    |
| 4** | 2852.000        | 37.38            | -4.25       | 54.0           | 16.62       | AV       | 62.50          | 100         | Horizontal | Pass    |
| 5   | 4057.000        | 48.28            | -1.41       | 74.0           | 25.72       | Peak     | 159.60         | 100         | Horizontal | Pass    |
| 5** | 4057.000        | 39.19            | -1.41       | 54.0           | 14.81       | AV       | 159.60         | 100         | Horizontal | Pass    |
| 6   | 5581.500        | 51.84            | 0.51        | 74.0           | 22.16       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 5581.500        | 41.57            | 0.51        | 54.0           | 12.43       | AV       | 360.00         | 100         | Horizontal | Pass    |

## Test result

Project Number: Certification

Test Time: 2024-06-03\_19.46.08

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

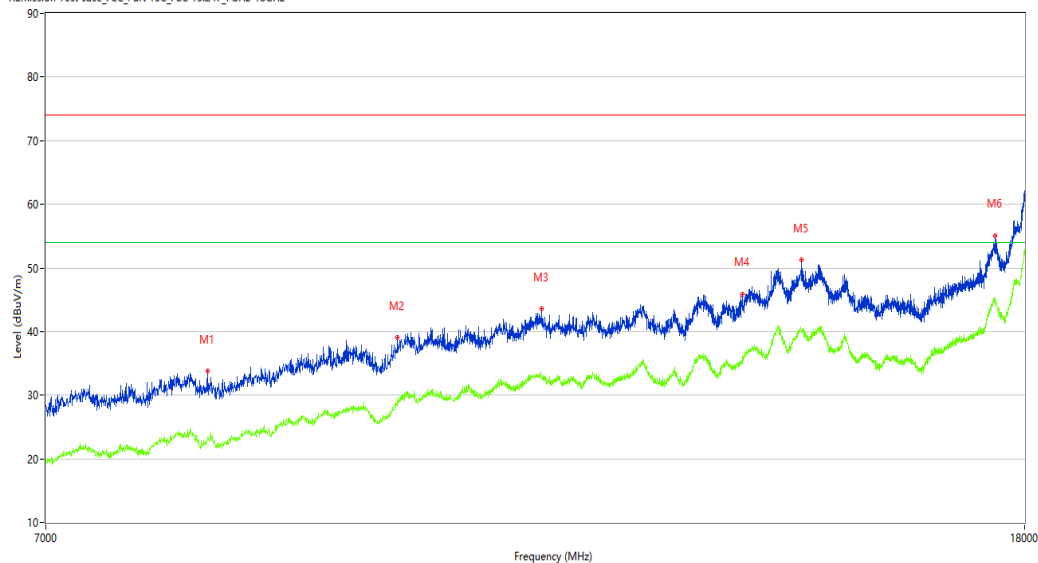
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8182.500        | 33.73            | 2.60        | 74.0           | 40.27       | Peak     | 269.20         | 100         | Horizontal | Pass    |
| 1** | 8182.500        | 23.41            | 2.60        | 54.0           | 30.59       | AV       | 269.20         | 100         | Horizontal | Pass    |
| 2   | 9829.750        | 39.02            | 7.66        | 74.0           | 34.98       | Peak     | 76.70          | 100         | Horizontal | Pass    |
| 2** | 9829.750        | 29.44            | 7.66        | 54.0           | 24.56       | AV       | 76.70          | 100         | Horizontal | Pass    |
| 3   | 11292.750       | 43.59            | 11.49       | 74.0           | 30.41       | Peak     | 39.30          | 100         | Horizontal | Pass    |
| 3** | 11292.750       | 32.57            | 11.49       | 54.0           | 21.43       | AV       | 39.30          | 100         | Horizontal | Pass    |
| 4   | 13707.250       | 45.91            | 13.87       | 74.0           | 28.09       | Peak     | 142.50         | 100         | Horizontal | Pass    |
| 4** | 13707.250       | 36.20            | 13.87       | 54.0           | 17.80       | AV       | 142.50         | 100         | Horizontal | Pass    |
| 5   | 14515.750       | 51.29            | 16.68       | 74.0           | 22.71       | Peak     | 193.10         | 100         | Horizontal | Pass    |
| 5** | 14515.750       | 39.99            | 16.68       | 54.0           | 14.01       | AV       | 193.10         | 100         | Horizontal | Pass    |
| 6   | 17496.750       | 55.04            | 21.54       | 74.0           | 18.96       | Peak     | 76.70          | 100         | Horizontal | Pass    |
| 6** | 17496.750       | 44.92            | 21.54       | 54.0           | 9.08        | AV       | 76.70          | 100         | Horizontal | Pass    |

## BLE-1M-High channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.25.42

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

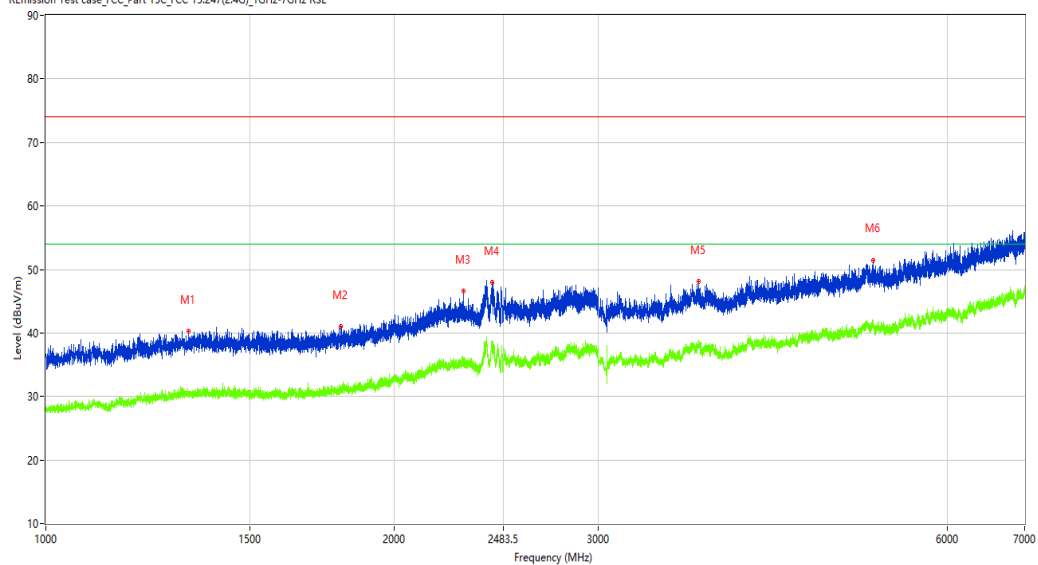
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.000        | 40.32            | -12.96      | 74.0           | 33.68       | Peak     | 294.20         | 100         | Vertical | Pass    |
| 1** | 1327.000        | 30.75            | -12.96      | 54.0           | 23.25       | AV       | 294.20         | 100         | Vertical | Pass    |
| 2   | 1798.500        | 41.07            | -12.49      | 74.0           | 32.93       | Peak     | 178.00         | 100         | Vertical | Pass    |
| 2** | 1798.500        | 30.92            | -12.49      | 54.0           | 23.08       | AV       | 178.00         | 100         | Vertical | Pass    |
| 3   | 2294.000        | 46.55            | -7.53       | 74.0           | 27.45       | Peak     | 239.20         | 100         | Vertical | Pass    |
| 3** | 2294.000        | 35.95            | -7.53       | 54.0           | 18.05       | AV       | 239.20         | 100         | Vertical | Pass    |
| 4   | 2427.000        | 47.95            | -5.20       | 74.0           | 26.05       | Peak     | 73.60          | 100         | Vertical | Pass    |
| 4** | 2427.000        | 38.30            | -5.20       | 54.0           | 15.70       | AV       | 73.60          | 100         | Vertical | Pass    |
| 5   | 3658.500        | 48.06            | -2.25       | 74.0           | 25.94       | Peak     | 359.20         | 100         | Vertical | Pass    |
| 5** | 3658.500        | 37.50            | -2.25       | 54.0           | 16.50       | AV       | 359.20         | 100         | Vertical | Pass    |
| 6   | 5182.500        | 51.48            | 0.25        | 74.0           | 22.52       | Peak     | 273.60         | 100         | Vertical | Pass    |
| 6** | 5182.500        | 41.91            | 0.25        | 54.0           | 12.09       | AV       | 273.60         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.41.36

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

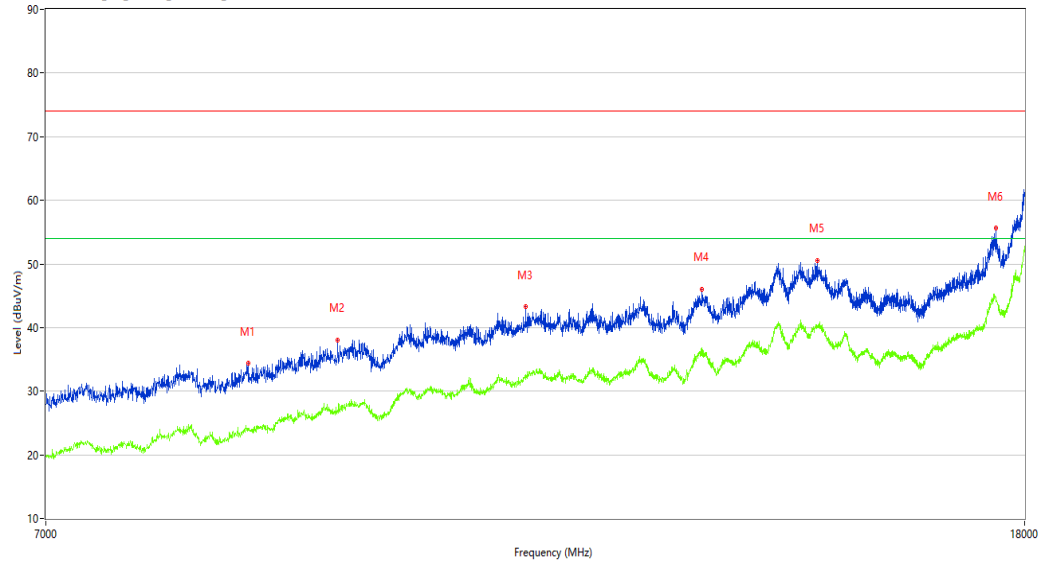
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 8512.500        | 34.38            | 2.92        | 74.0           | 39.62       | Peak     | 258.20         | 100         | Vertical | Pass    |
| 1** | 8512.500        | 24.14            | 2.92        | 54.0           | 29.86       | AV       | 258.20         | 100         | Vertical | Pass    |
| 2   | 9277.000        | 38.07            | 5.51        | 74.0           | 35.93       | Peak     | 3.10           | 100         | Vertical | Pass    |
| 2** | 9277.000        | 26.75            | 5.51        | 54.0           | 27.25       | AV       | 3.10           | 100         | Vertical | Pass    |
| 3   | 11122.250       | 43.23            | 9.74        | 74.0           | 30.77       | Peak     | 215.90         | 100         | Vertical | Pass    |
| 3** | 11122.250       | 31.83            | 9.74        | 54.0           | 22.17       | AV       | 215.90         | 100         | Vertical | Pass    |
| 4   | 13184.750       | 46.07            | 13.17       | 74.0           | 27.93       | Peak     | 351.80         | 100         | Vertical | Pass    |
| 4** | 13184.750       | 36.77            | 13.17       | 54.0           | 17.23       | AV       | 351.80         | 100         | Vertical | Pass    |
| 5   | 14733.000       | 50.60            | 17.62       | 74.0           | 23.40       | Peak     | 338.90         | 100         | Vertical | Pass    |
| 5** | 14733.000       | 40.29            | 17.62       | 54.0           | 13.71       | AV       | 338.90         | 100         | Vertical | Pass    |
| 6   | 17502.251       | 55.58            | 21.43       | 74.0           | 18.42       | Peak     | 258.20         | 100         | Vertical | Pass    |
| 6** | 17502.251       | 44.79            | 21.43       | 54.0           | 9.21        | AV       | 258.20         | 100         | Vertical | Pass    |



BLE-1M-Bandedge -Low channel- Horizontal –TX

## Test result

Project Number: Certification

Test Time: 2024-06-05\_14.59.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

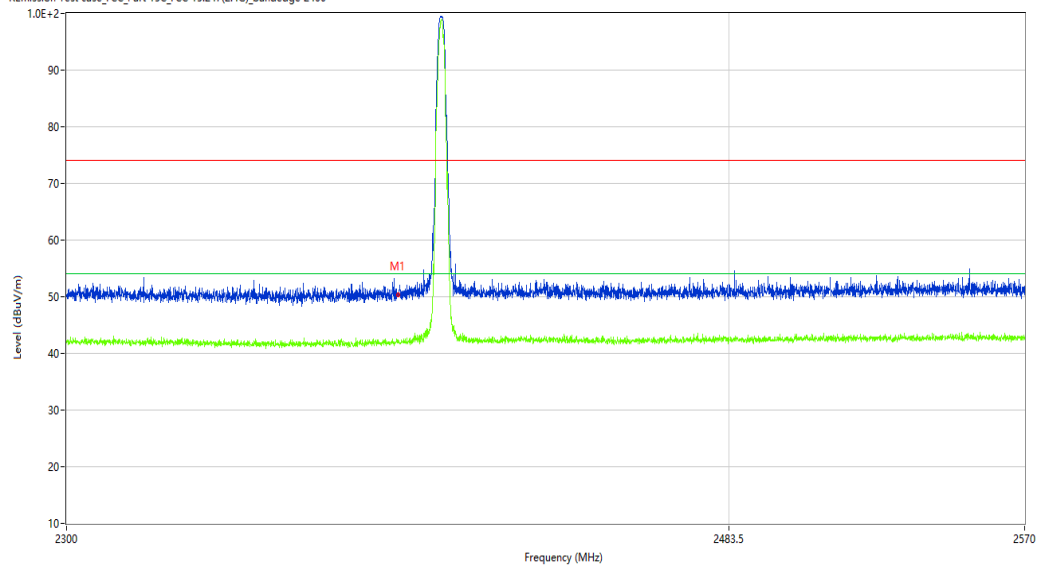
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

Remission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2390.000        | 50.40            | -10.27      | 74.0           | 23.60       | Peak     | 266.44         | 100         | Horizontal | Pass    |
| 1** | 2390.000        | 41.82            | -10.27      | 54.0           | 12.18       | AV       | 266.44         | 100         | Horizontal | Pass    |

## BLE-1M-Bandedge -Low channel- Vertical -TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_13.58.25

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

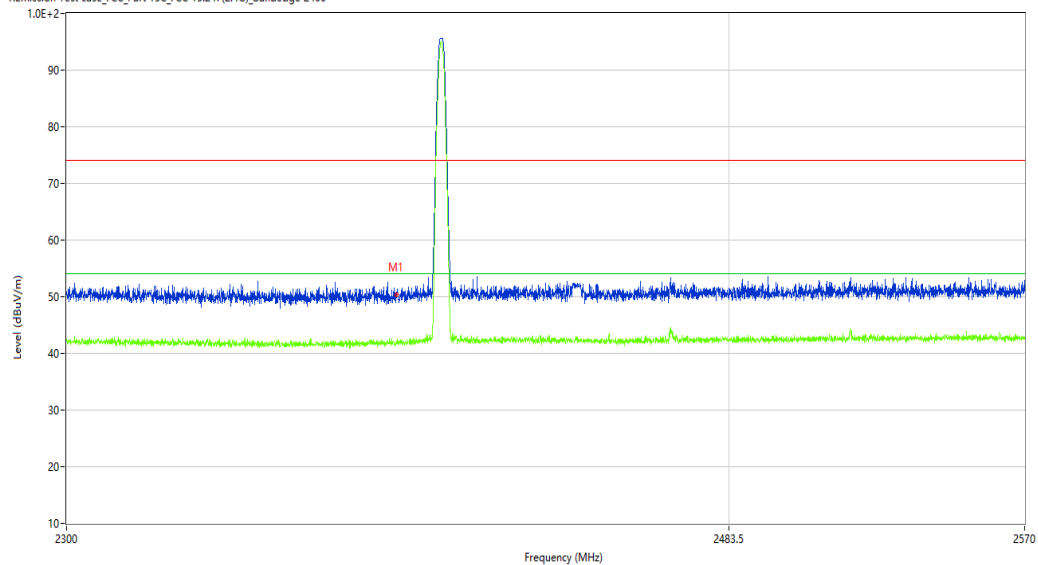
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2390.000        | 50.30            | -10.27      | 74.0           | 23.70       | Peak     | 130.52         | 100         | Vertical | Pass    |
| 1** | 2390.000        | 42.07            | -10.27      | 54.0           | 11.93       | AV       | 130.52         | 100         | Vertical | Pass    |

## BLE-1M-Bandedge -High channel- Horizontal –TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_14.57.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

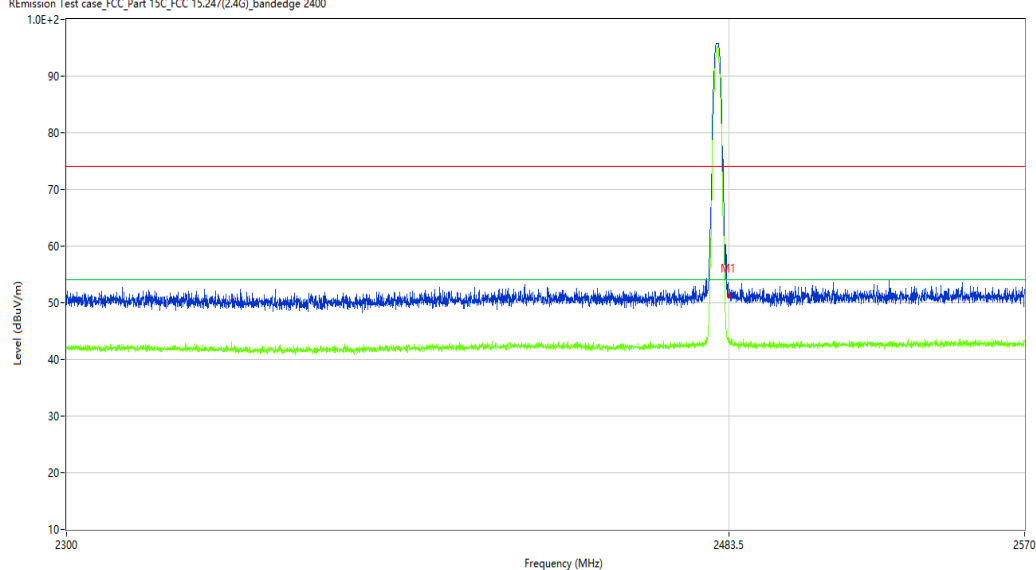
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G) bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.500        | 51.27            | -9.82       | 74.0           | 22.73       | Peak     | 188.44         | 100         | Horizontal | Pass    |
| 1** | 2483.500        | 43.42            | -9.82       | 54.0           | 10.58       | AV       | 188.44         | 100         | Horizontal | Pass    |

## Test result

Project Number: Certification

Test Time: 2024-06-05\_14.01.30

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

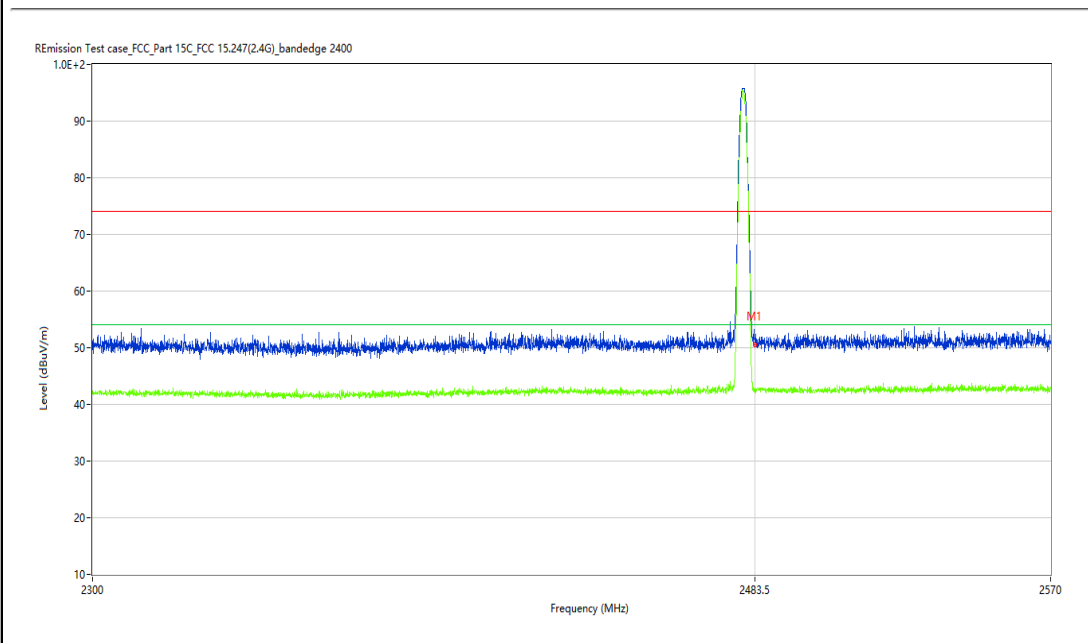
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 50.59            | -9.82       | 74.0           | 23.41       | Peak     | 225.47         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 43.11            | -9.82       | 54.0           | 10.89       | AV       | 225.47         | 100         | Vertical | Pass    |

## USB Input:

BLE-2M-Horizontal-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_10.56.20

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

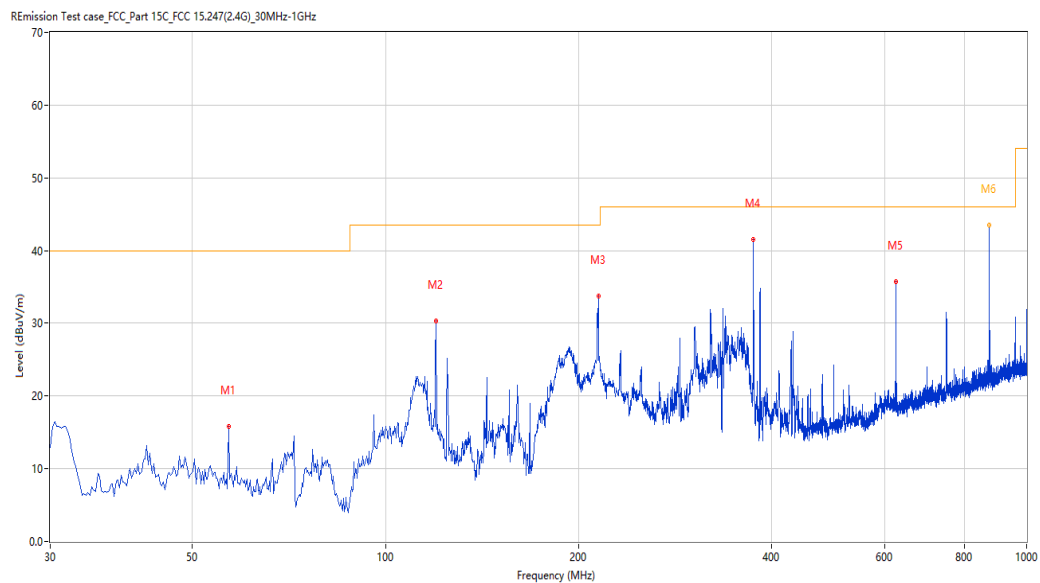
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 56.911          | 15.88            | -24.72      | 40.0           | 24.12       | Peak     | 176.90         | 100         | Horizontal | Pass    |
| 2   | 119.945         | 30.37            | -27.36      | 43.5           | 13.13       | Peak     | 54.30          | 100         | Horizontal | Pass    |
| 3   | 214.739         | 33.72            | -25.50      | 43.5           | 9.78        | Peak     | 334.10         | 100         | Horizontal | Pass    |
| 4   | 374.991         | 41.55            | -20.63      | 46.0           | 4.45        | Peak     | 146.30         | 100         | Horizontal | Pass    |
| 5   | 624.946         | 35.71            | -14.10      | 46.0           | 10.29       | Peak     | 132.80         | 100         | Horizontal | Pass    |
| 6   | 875.005         | 45.55            | -9.44       | 46.0           | 0.45        | Peak     | 233.10         | 100         | Horizontal | Pass    |
| 6*  | 875.005         | 43.53            | -9.44       | 46.0           | 2.47        | QP       | 233.10         | 100         | Horizontal | Pass    |

## BLE-2M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_10.34.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

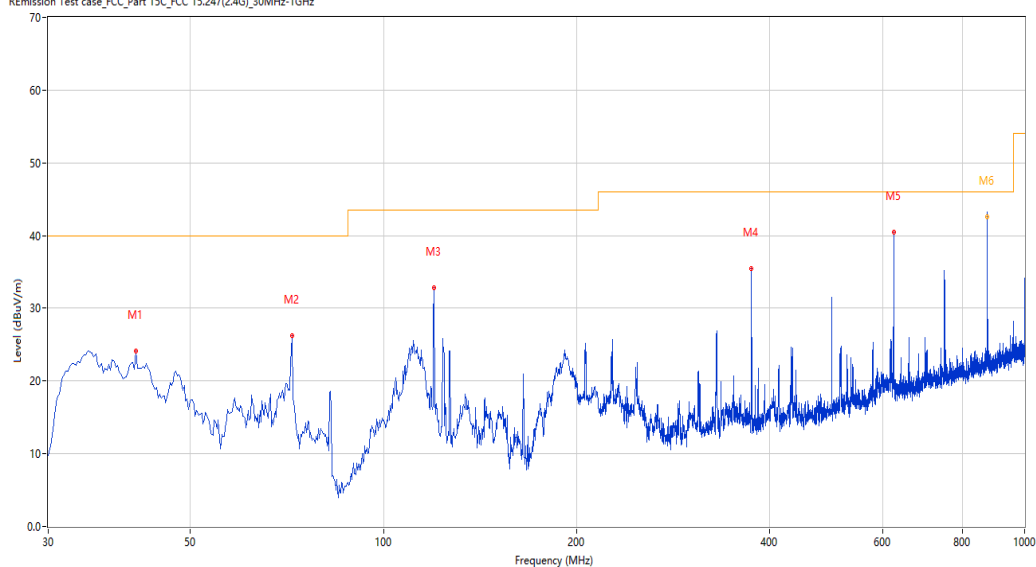
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 41.152          | 24.11            | -25.01      | 40.0           | 15.89       | Peak     | 191.80         | 100         | Vertical | Pass    |
| 2   | 71.942          | 26.27            | -29.48      | 40.0           | 13.73       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3   | 119.945         | 32.77            | -27.36      | 43.5           | 10.73       | Peak     | 343.20         | 100         | Vertical | Pass    |
| 4   | 374.991         | 35.44            | -20.63      | 46.0           | 10.56       | Peak     | 324.40         | 100         | Vertical | Pass    |
| 5   | 624.946         | 40.53            | -14.10      | 46.0           | 5.47        | Peak     | 1.00           | 100         | Vertical | Pass    |
| 6   | 875.005         | 44.79            | -9.44       | 46.0           | 1.21        | Peak     | 58.00          | 136         | Vertical | Pass    |
| 6*  | 875.005         | 42.63            | -9.44       | 46.0           | 3.37        | QP       | 58.00          | 136         | Vertical | Pass    |

## POE Input:

BLE-2M-Horizontal-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_13.23.47

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

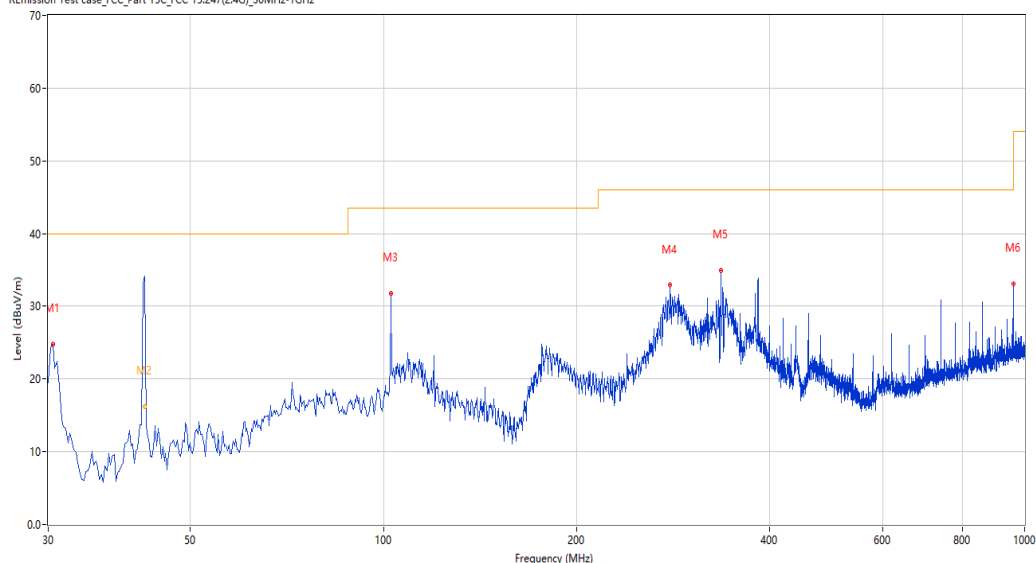
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G) 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 30.485          | 24.77            | -28.57      | 40.0           | 15.23       | Peak     | 310.10         | 100         | Horizontal | Pass    |
| 2   | 42.448          | 19.24            | -24.70      | 40.0           | 20.76       | Peak     | 256.90         | 161         | Horizontal | Pass    |
| 2*  | 42.448          | 16.28            | -24.70      | 40.0           | 23.72       | QP       | 256.90         | 161         | Horizontal | Pass    |
| 3   | 102.732         | 31.74            | -25.50      | 43.5           | 11.76       | Peak     | 115.20         | 100         | Horizontal | Pass    |
| 4   | 279.955         | 32.90            | -23.02      | 46.0           | 13.10       | Peak     | 283.80         | 100         | Horizontal | Pass    |
| 5   | 335.959         | 34.88            | -20.79      | 46.0           | 11.12       | Peak     | 352.70         | 100         | Horizontal | Pass    |
| 6   | 959.513         | 33.15            | -7.59       | 46.0           | 12.85       | Peak     | 277.90         | 100         | Horizontal | Pass    |

## BLE-2M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_13.08.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

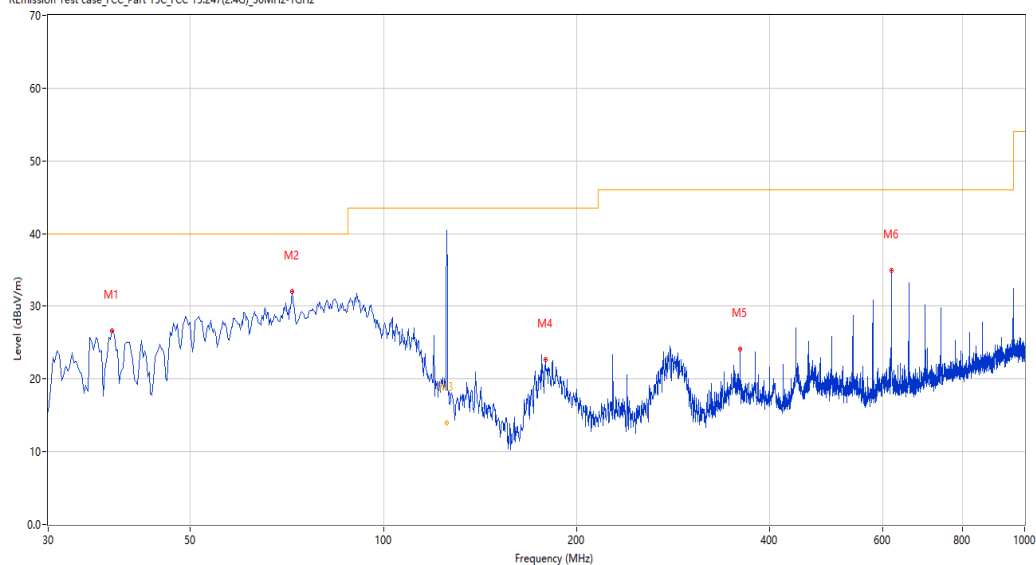
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 37.758          | 26.64            | -26.20      | 40.0           | 13.36       | Peak     | 228.30         | 100         | Vertical | Pass    |
| 2   | 71.942          | 32.01            | -29.48      | 40.0           | 7.99        | Peak     | 354.20         | 100         | Vertical | Pass    |
| 3   | 125.507         | 18.18            | -28.18      | 43.5           | 25.32       | Peak     | 281.60         | 102         | Vertical | Pass    |
| 3*  | 125.507         | 13.96            | -28.18      | 43.5           | 29.54       | QP       | 281.60         | 102         | Vertical | Pass    |
| 4   | 178.858         | 22.62            | -27.88      | 43.5           | 20.88       | Peak     | 200.50         | 100         | Vertical | Pass    |
| 5   | 359.960         | 24.16            | -20.91      | 46.0           | 21.84       | Peak     | 11.50          | 100         | Vertical | Pass    |
| 6   | 619.855         | 34.99            | -13.59      | 46.0           | 11.01       | Peak     | 84.40          | 100         | Vertical | Pass    |



1-18G

BLE-2M-Low channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-05\_14.45.34

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

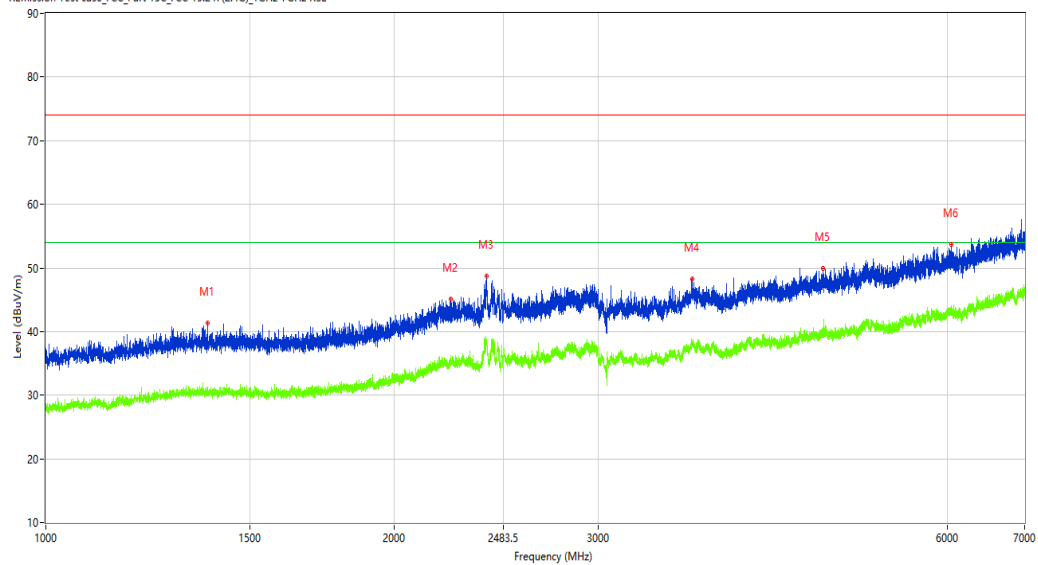
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

R/Emission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1380.250        | 41.38            | -12.80      | 74.0           | 32.62       | Peak     | 29.70          | 100         | Horizontal | Pass    |
| 1** | 1380.250        | 30.42            | -12.80      | 54.0           | 23.58       | AV       | 29.70          | 100         | Horizontal | Pass    |
| 2   | 2238.000        | 45.13            | -8.18       | 74.0           | 28.87       | Peak     | 291.90         | 100         | Horizontal | Pass    |
| 2** | 2238.000        | 34.73            | -8.18       | 54.0           | 19.27       | AV       | 291.90         | 100         | Horizontal | Pass    |
| 3   | 2400.250        | 48.65            | -4.67       | 74.0           | 25.35       | Peak     | 305.20         | 100         | Horizontal | Pass    |
| 3** | 2400.250        | 38.36            | -4.67       | 54.0           | 15.64       | AV       | 305.20         | 100         | Horizontal | Pass    |
| 4   | 3614.500        | 48.31            | -2.50       | 74.0           | 25.69       | Peak     | 137.70         | 100         | Horizontal | Pass    |
| 4** | 3614.500        | 38.49            | -2.50       | 54.0           | 15.51       | AV       | 137.70         | 100         | Horizontal | Pass    |
| 5   | 4691.000        | 49.95            | -0.76       | 74.0           | 24.05       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 4691.000        | 39.97            | -0.76       | 54.0           | 14.03       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 6053.500        | 53.68            | 1.91        | 74.0           | 20.32       | Peak     | 112.30         | 100         | Horizontal | Pass    |
| 6** | 6053.500        | 43.89            | 1.91        | 54.0           | 10.11       | AV       | 112.30         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.47.37

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

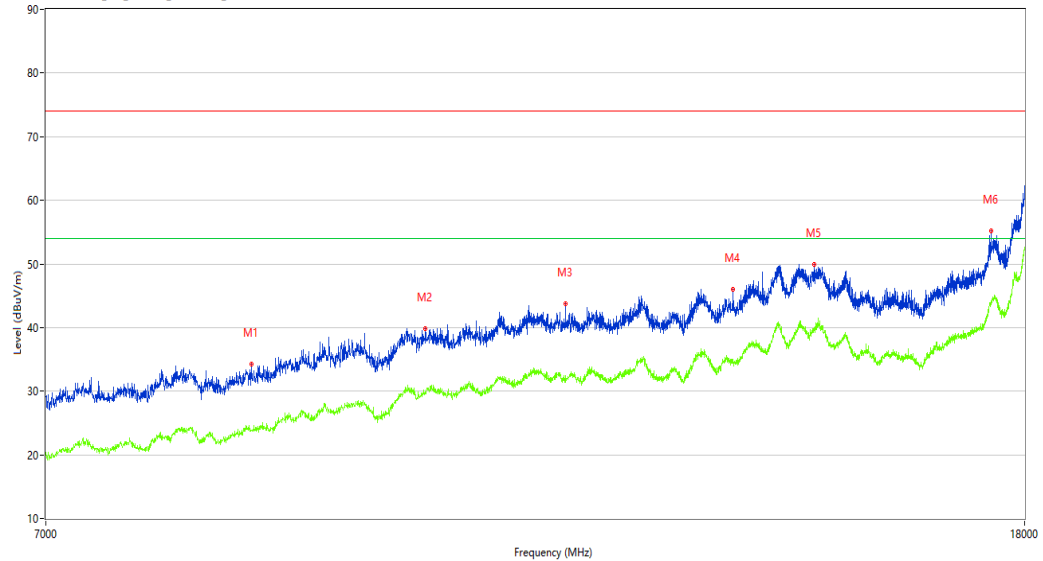
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8534.500        | 34.22            | 2.92        | 74.0           | 39.78       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 8534.500        | 23.90            | 2.92        | 54.0           | 30.10       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 10093.750       | 39.86            | 8.52        | 74.0           | 34.14       | Peak     | 359.60         | 100         | Horizontal | Pass    |
| 2** | 10093.750       | 29.82            | 8.52        | 54.0           | 24.18       | AV       | 359.60         | 100         | Horizontal | Pass    |
| 3   | 11559.500       | 43.79            | 10.78       | 74.0           | 30.21       | Peak     | 16.10          | 100         | Horizontal | Pass    |
| 3** | 11559.500       | 31.86            | 10.78       | 54.0           | 22.14       | AV       | 16.10          | 100         | Horizontal | Pass    |
| 4   | 13589.000       | 46.02            | 13.72       | 74.0           | 27.98       | Peak     | 359.60         | 100         | Horizontal | Pass    |
| 4** | 13589.000       | 34.98            | 13.72       | 54.0           | 19.02       | AV       | 359.60         | 100         | Horizontal | Pass    |
| 5   | 14697.250       | 49.97            | 17.21       | 74.0           | 24.03       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 14697.250       | 40.02            | 17.21       | 54.0           | 13.98       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 17422.500       | 55.27            | 20.38       | 74.0           | 18.73       | Peak     | 259.50         | 100         | Horizontal | Pass    |
| 6** | 17422.500       | 44.21            | 20.38       | 54.0           | 9.79        | AV       | 259.50         | 100         | Horizontal | Pass    |

## BLE-2M-Low channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.11.42

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

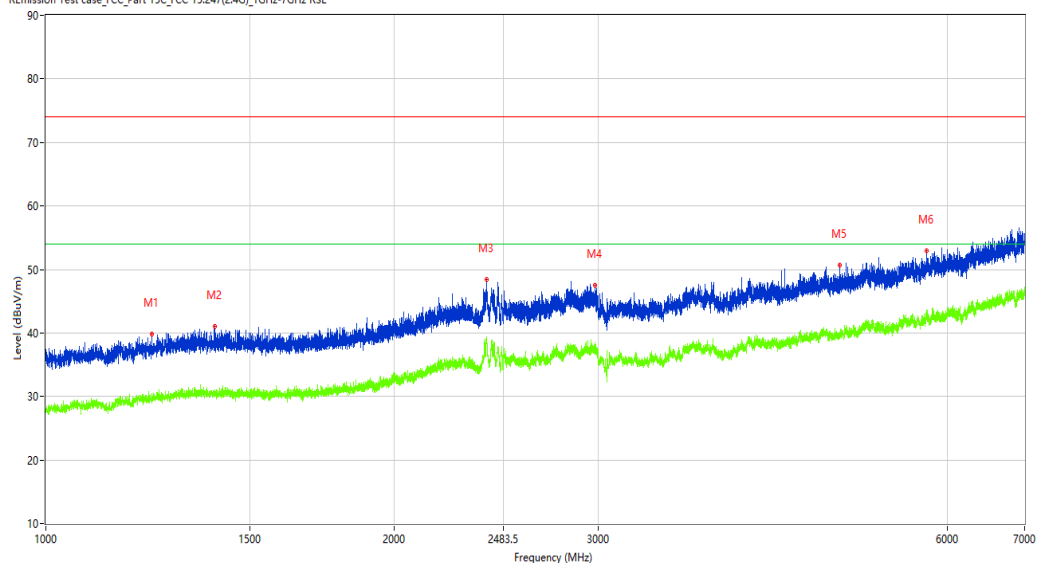
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1234.500        | 39.83            | -13.45      | 74.0           | 34.17       | Peak     | 122.30         | 100         | Vertical | Pass    |
| 1** | 1234.500        | 30.13            | -13.45      | 54.0           | 23.87       | AV       | 122.30         | 100         | Vertical | Pass    |
| 2   | 1400.000        | 41.02            | -12.74      | 74.0           | 32.98       | Peak     | 304.90         | 100         | Vertical | Pass    |
| 2** | 1400.000        | 31.12            | -12.74      | 54.0           | 22.88       | AV       | 304.90         | 100         | Vertical | Pass    |
| 3   | 2401.750        | 48.39            | -4.70       | 74.0           | 25.61       | Peak     | 304.90         | 100         | Vertical | Pass    |
| 3** | 2401.750        | 38.72            | -4.70       | 54.0           | 15.28       | AV       | 304.90         | 100         | Vertical | Pass    |
| 4   | 2978.000        | 47.44            | -3.66       | 74.0           | 26.56       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 4** | 2978.000        | 37.62            | -3.66       | 54.0           | 16.38       | AV       | 360.00         | 100         | Vertical | Pass    |
| 5   | 4846.000        | 50.64            | -0.96       | 74.0           | 23.36       | Peak     | 165.80         | 100         | Vertical | Pass    |
| 5** | 4846.000        | 39.33            | -0.96       | 54.0           | 14.67       | AV       | 165.80         | 100         | Vertical | Pass    |
| 6   | 5763.500        | 52.98            | 1.29        | 74.0           | 21.02       | Peak     | 305.70         | 100         | Vertical | Pass    |
| 6** | 5763.500        | 43.63            | 1.29        | 54.0           | 10.37       | AV       | 305.70         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.52.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

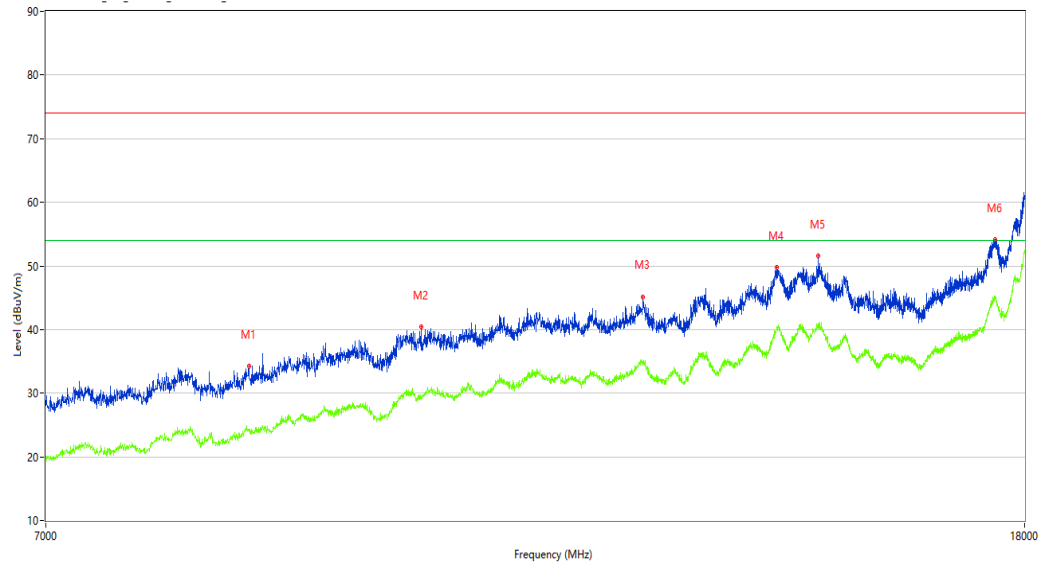
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 8515.250        | 34.23            | 2.92        | 74.0           | 39.77       | Peak     | 265.50         | 100         | Vertical | Pass    |
| 1** | 8515.250        | 24.38            | 2.92        | 54.0           | 29.62       | AV       | 265.50         | 100         | Vertical | Pass    |
| 2   | 10052.500       | 40.41            | 8.36        | 74.0           | 33.59       | Peak     | 163.80         | 100         | Vertical | Pass    |
| 2** | 10052.500       | 29.04            | 8.36        | 54.0           | 24.96       | AV       | 163.80         | 100         | Vertical | Pass    |
| 3   | 12453.250       | 45.16            | 11.89       | 74.0           | 28.84       | Peak     | 163.80         | 100         | Vertical | Pass    |
| 3** | 12453.250       | 34.43            | 11.89       | 54.0           | 19.57       | AV       | 163.80         | 100         | Vertical | Pass    |
| 4   | 14166.500       | 49.70            | 17.96       | 74.0           | 24.30       | Peak     | 265.50         | 100         | Vertical | Pass    |
| 4** | 14166.500       | 40.26            | 17.96       | 54.0           | 13.74       | AV       | 265.50         | 100         | Vertical | Pass    |
| 5   | 14744.001       | 51.51            | 17.75       | 74.0           | 22.49       | Peak     | 110.40         | 100         | Vertical | Pass    |
| 5** | 14744.001       | 41.10            | 17.75       | 54.0           | 12.90       | AV       | 110.40         | 100         | Vertical | Pass    |
| 6   | 17494.000       | 54.10            | 21.58       | 74.0           | 19.90       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 17494.000       | 44.79            | 21.58       | 54.0           | 9.21        | AV       | 360.00         | 100         | Vertical | Pass    |

## BLE-2M-Middle channel-Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.49.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

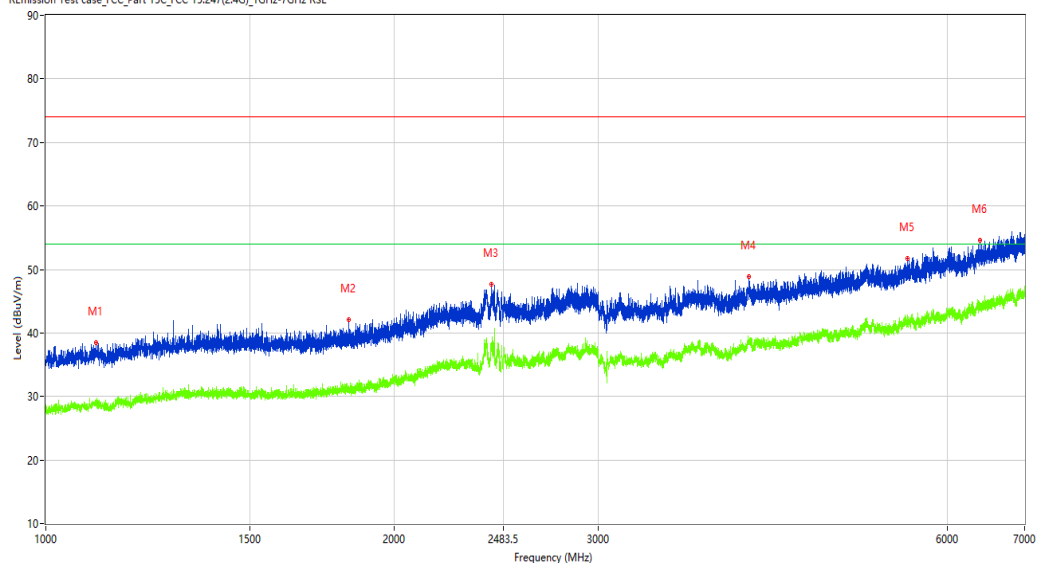
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1104.500        | 38.50            | -14.17      | 74.0           | 35.50       | Peak     | 28.00          | 100         | Horizontal | Pass    |
| 1** | 1104.500        | 29.20            | -14.17      | 54.0           | 24.80       | AV       | 28.00          | 100         | Horizontal | Pass    |
| 2   | 1825.750        | 42.09            | -12.23      | 74.0           | 31.91       | Peak     | 211.80         | 100         | Horizontal | Pass    |
| 2** | 1825.750        | 30.77            | -12.23      | 54.0           | 23.23       | AV       | 211.80         | 100         | Horizontal | Pass    |
| 3   | 2426.250        | 47.61            | -5.19       | 74.0           | 26.39       | Peak     | 236.50         | 100         | Horizontal | Pass    |
| 3** | 2426.250        | 38.37            | -5.19       | 54.0           | 15.63       | AV       | 236.50         | 100         | Horizontal | Pass    |
| 4   | 4043.000        | 48.80            | -1.57       | 74.0           | 25.20       | Peak     | 236.80         | 100         | Horizontal | Pass    |
| 4** | 4043.000        | 38.59            | -1.57       | 54.0           | 15.41       | AV       | 236.80         | 100         | Horizontal | Pass    |
| 5   | 5549.000        | 51.76            | 0.36        | 74.0           | 22.24       | Peak     | 236.80         | 100         | Horizontal | Pass    |
| 5** | 5549.000        | 41.49            | 0.36        | 54.0           | 12.51       | AV       | 236.80         | 100         | Horizontal | Pass    |
| 6   | 6401.500        | 54.52            | 2.71        | 74.0           | 19.48       | Peak     | 223.80         | 100         | Horizontal | Pass    |
| 6** | 6401.500        | 43.97            | 2.71        | 54.0           | 10.03       | AV       | 223.80         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.49.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

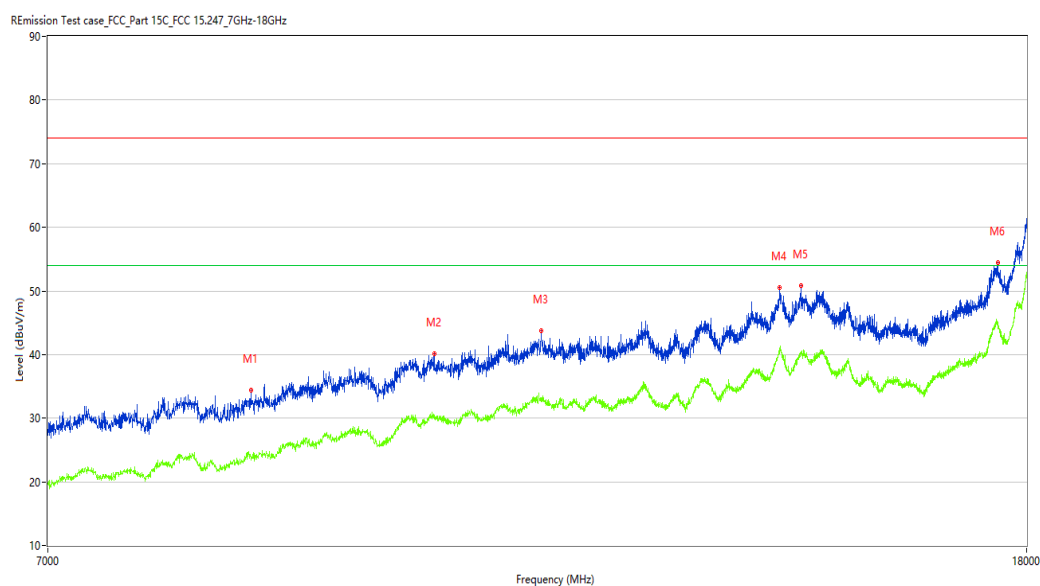
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8515.250        | 34.34            | 2.92        | 74.0           | 39.66       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 8515.250        | 23.96            | 2.92        | 54.0           | 30.04       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 10162.500       | 40.18            | 8.33        | 74.0           | 33.82       | Peak     | 229.90         | 100         | Horizontal | Pass    |
| 2** | 10162.500       | 30.52            | 8.33        | 54.0           | 23.48       | AV       | 229.90         | 100         | Horizontal | Pass    |
| 3   | 11265.250       | 43.70            | 11.25       | 74.0           | 30.30       | Peak     | 229.90         | 100         | Horizontal | Pass    |
| 3** | 11265.250       | 33.19            | 11.25       | 54.0           | 20.81       | AV       | 229.90         | 100         | Horizontal | Pass    |
| 4   | 14185.750       | 50.51            | 18.59       | 74.0           | 23.49       | Peak     | 181.10         | 100         | Horizontal | Pass    |
| 4** | 14185.750       | 40.57            | 18.59       | 54.0           | 13.43       | AV       | 181.10         | 100         | Horizontal | Pass    |
| 5   | 14474.500       | 50.80            | 17.07       | 74.0           | 23.20       | Peak     | 229.90         | 100         | Horizontal | Pass    |
| 5** | 14474.500       | 40.38            | 17.07       | 54.0           | 13.62       | AV       | 229.90         | 100         | Horizontal | Pass    |
| 6   | 17504.999       | 54.48            | 21.37       | 74.0           | 19.52       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 17504.999       | 44.98            | 21.37       | 54.0           | 9.02        | AV       | 360.00         | 100         | Horizontal | Pass    |

## BLE-2M-Middle channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.15.29

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

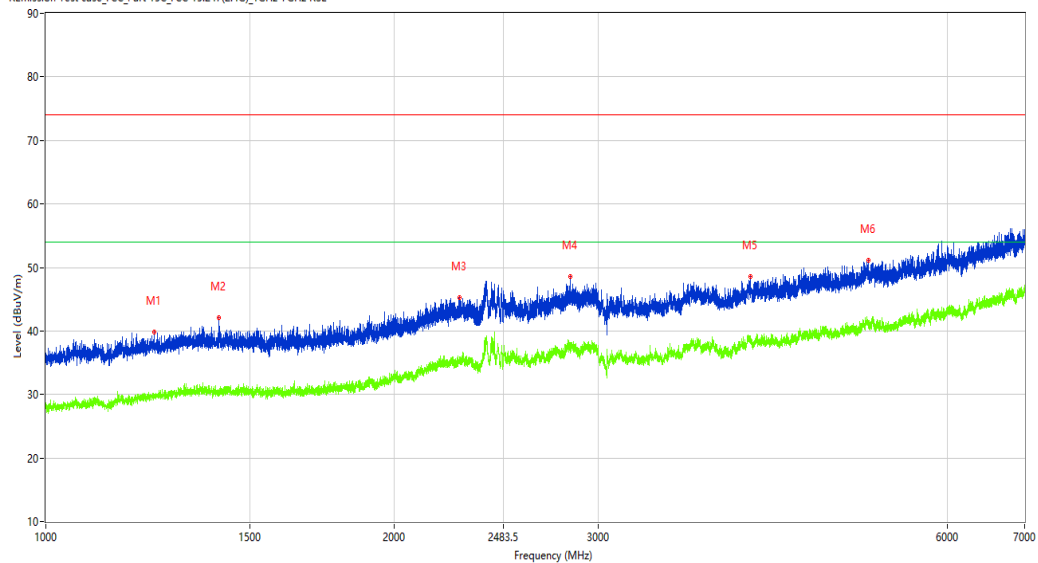
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1240.000        | 39.77            | -13.41      | 74.0           | 34.23       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 1** | 1240.000        | 29.64            | -13.41      | 54.0           | 24.36       | AV       | 360.00         | 100         | Vertical | Pass    |
| 2   | 1411.500        | 42.08            | -12.71      | 74.0           | 31.92       | Peak     | 32.50          | 100         | Vertical | Pass    |
| 2** | 1411.500        | 30.53            | -12.71      | 54.0           | 23.47       | AV       | 32.50          | 100         | Vertical | Pass    |
| 3   | 2275.750        | 45.20            | -7.57       | 74.0           | 28.80       | Peak     | 32.50          | 100         | Vertical | Pass    |
| 3** | 2275.750        | 34.97            | -7.57       | 54.0           | 19.03       | AV       | 32.50          | 100         | Vertical | Pass    |
| 4   | 2838.250        | 48.52            | -4.40       | 74.0           | 25.48       | Peak     | 319.70         | 100         | Vertical | Pass    |
| 4** | 2838.250        | 36.88            | -4.40       | 54.0           | 17.12       | AV       | 319.70         | 100         | Vertical | Pass    |
| 5   | 4056.500        | 48.54            | -1.42       | 74.0           | 25.46       | Peak     | 332.20         | 100         | Vertical | Pass    |
| 5** | 4056.500        | 38.99            | -1.42       | 54.0           | 15.01       | AV       | 332.20         | 100         | Vertical | Pass    |
| 6   | 5128.500        | 51.11            | 0.33        | 74.0           | 22.89       | Peak     | 266.20         | 100         | Vertical | Pass    |
| 6** | 5128.500        | 41.17            | 0.33        | 54.0           | 12.83       | AV       | 266.20         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.53.37

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

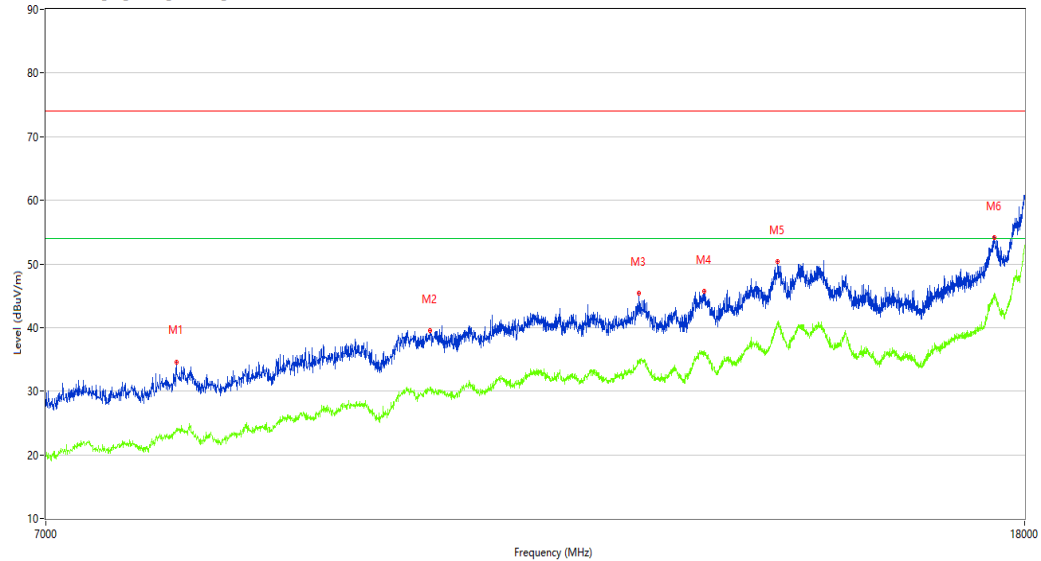
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 7940.500        | 34.62            | 2.59        | 74.0           | 39.38       | Peak     | 147.40         | 100         | Vertical | Pass    |
| 1** | 7940.500        | 23.88            | 2.59        | 54.0           | 30.12       | AV       | 147.40         | 100         | Vertical | Pass    |
| 2   | 10143.250       | 39.54            | 8.43        | 74.0           | 34.46       | Peak     | 239.10         | 100         | Vertical | Pass    |
| 2** | 10143.250       | 30.52            | 8.43        | 54.0           | 23.48       | AV       | 239.10         | 100         | Vertical | Pass    |
| 3   | 12409.250       | 45.34            | 11.81       | 74.0           | 28.66       | Peak     | 239.10         | 100         | Vertical | Pass    |
| 3** | 12409.250       | 34.79            | 11.81       | 54.0           | 19.21       | AV       | 239.10         | 100         | Vertical | Pass    |
| 4   | 13209.500       | 45.77            | 13.23       | 74.0           | 28.23       | Peak     | 147.40         | 100         | Vertical | Pass    |
| 4** | 13209.500       | 36.30            | 13.23       | 54.0           | 17.70       | AV       | 147.40         | 100         | Vertical | Pass    |
| 5   | 14185.750       | 50.40            | 18.59       | 74.0           | 23.60       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 14185.750       | 40.13            | 18.59       | 54.0           | 13.87       | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 17477.501       | 54.14            | 21.57       | 74.0           | 19.86       | Peak     | 279.30         | 100         | Vertical | Pass    |
| 6** | 17477.501       | 44.36            | 21.57       | 54.0           | 9.64        | AV       | 279.30         | 100         | Vertical | Pass    |



## BLE-2M-High channel-Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.52.15

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

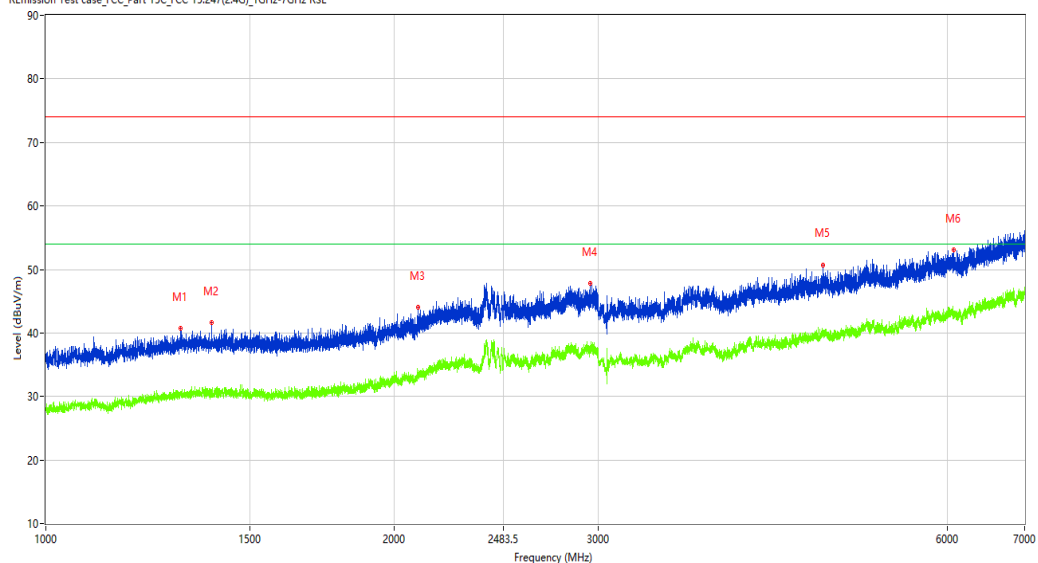
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1306.750        | 40.76            | -12.79      | 74.0           | 33.24       | Peak     | 276.40         | 100         | Horizontal | Pass    |
| 1** | 1306.750        | 30.50            | -12.79      | 54.0           | 23.50       | AV       | 276.40         | 100         | Horizontal | Pass    |
| 2   | 1390.750        | 41.59            | -12.76      | 74.0           | 32.41       | Peak     | 187.50         | 100         | Horizontal | Pass    |
| 2** | 1390.750        | 30.22            | -12.76      | 54.0           | 23.78       | AV       | 187.50         | 100         | Horizontal | Pass    |
| 3   | 2097.500        | 44.09            | -9.41       | 74.0           | 29.91       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 3** | 2097.500        | 33.62            | -9.41       | 54.0           | 20.38       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 4   | 2951.750        | 47.84            | -3.99       | 74.0           | 26.16       | Peak     | 289.70         | 100         | Horizontal | Pass    |
| 4** | 2951.750        | 37.09            | -3.99       | 54.0           | 16.91       | AV       | 289.70         | 100         | Horizontal | Pass    |
| 5   | 4685.500        | 50.73            | -0.82       | 74.0           | 23.27       | Peak     | 238.70         | 100         | Horizontal | Pass    |
| 5** | 4685.500        | 39.92            | -0.82       | 54.0           | 14.08       | AV       | 238.70         | 100         | Horizontal | Pass    |
| 6   | 6082.000        | 53.02            | 1.88        | 74.0           | 20.98       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 6** | 6082.000        | 43.21            | 1.88        | 54.0           | 10.79       | AV       | 0.00           | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.50.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

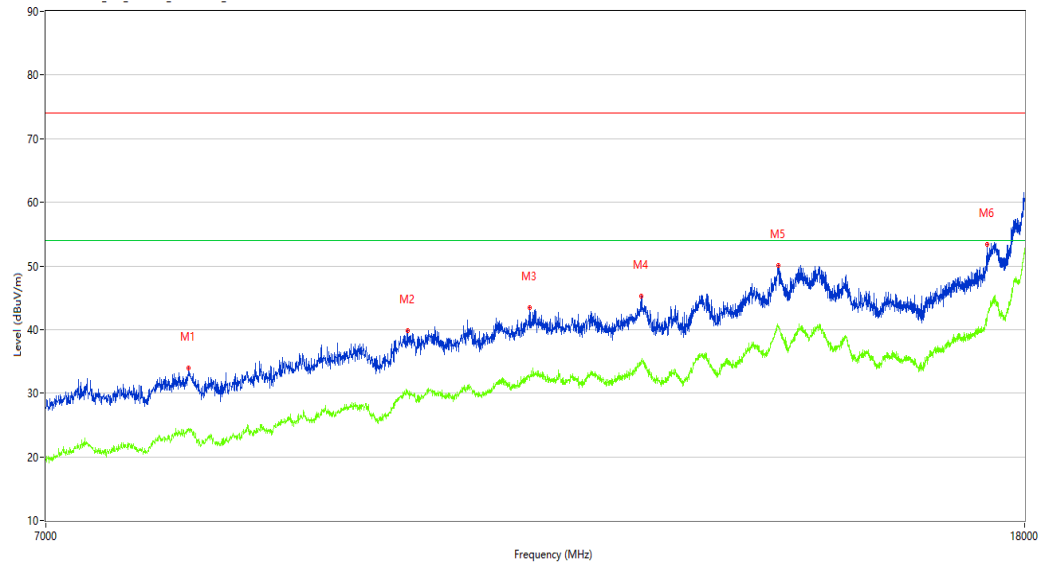
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 8031.250        | 33.89            | 3.63        | 74.0           | 40.11       | Peak     | 134.70         | 100         | Horizontal | Pass    |
| 1** | 8031.250        | 24.49            | 3.63        | 54.0           | 29.51       | AV       | 134.70         | 100         | Horizontal | Pass    |
| 2   | 9928.750        | 39.81            | 8.91        | 74.0           | 34.19       | Peak     | 276.50         | 100         | Horizontal | Pass    |
| 2** | 9928.750        | 30.07            | 8.91        | 54.0           | 23.93       | AV       | 276.50         | 100         | Horizontal | Pass    |
| 3   | 11166.250       | 43.48            | 10.12       | 74.0           | 30.52       | Peak     | 226.10         | 100         | Horizontal | Pass    |
| 3** | 11166.250       | 32.58            | 10.12       | 54.0           | 21.42       | AV       | 226.10         | 100         | Horizontal | Pass    |
| 4   | 12436.750       | 45.25            | 11.85       | 74.0           | 28.75       | Peak     | 327.50         | 100         | Horizontal | Pass    |
| 4** | 12436.750       | 34.61            | 11.85       | 54.0           | 19.39       | AV       | 327.50         | 100         | Horizontal | Pass    |
| 5   | 14191.250       | 50.04            | 18.59       | 74.0           | 23.96       | Peak     | 41.70          | 100         | Horizontal | Pass    |
| 5** | 14191.250       | 40.25            | 18.59       | 54.0           | 13.75       | AV       | 41.70          | 100         | Horizontal | Pass    |
| 6   | 17359.249       | 53.32            | 18.80       | 74.0           | 20.68       | Peak     | 226.10         | 100         | Horizontal | Pass    |
| 6** | 17359.249       | 41.38            | 18.80       | 54.0           | 12.62       | AV       | 226.10         | 100         | Horizontal | Pass    |

## BLE-2M-High channel-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-05\_14.08.29

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

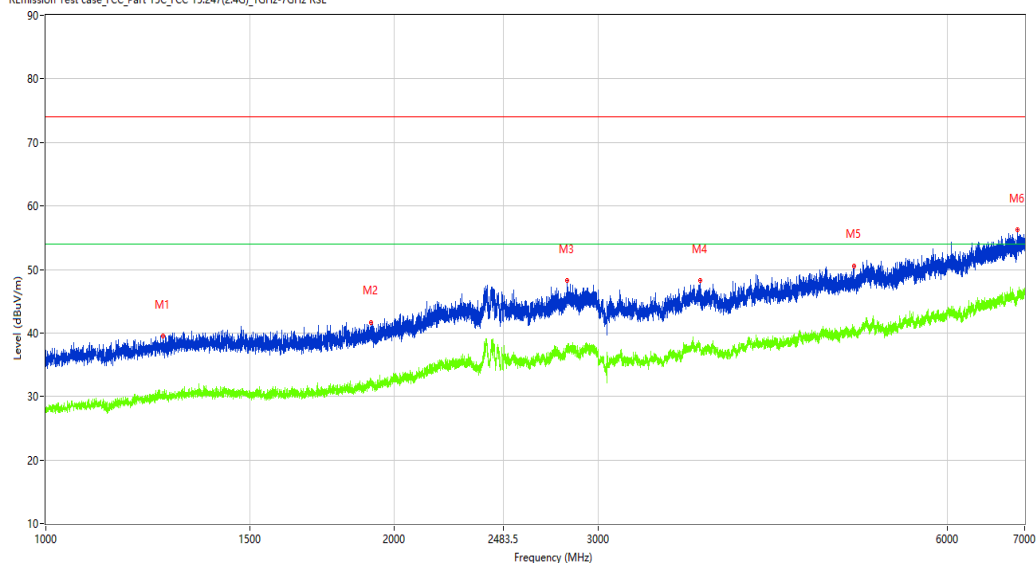
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_1GHz-7GHz RSE



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1263.000        | 39.54            | -13.26      | 74.0           | 34.46       | Peak     | 52.80          | 100         | Vertical | Pass    |
| 1** | 1263.000        | 29.70            | -13.26      | 54.0           | 24.30       | AV       | 52.80          | 100         | Vertical | Pass    |
| 2   | 1907.500        | 41.71            | -11.69      | 74.0           | 32.29       | Peak     | 199.00         | 100         | Vertical | Pass    |
| 2** | 1907.500        | 31.98            | -11.69      | 54.0           | 22.02       | AV       | 199.00         | 100         | Vertical | Pass    |
| 3   | 2818.500        | 48.20            | -4.78       | 74.0           | 25.80       | Peak     | 304.00         | 100         | Vertical | Pass    |
| 3** | 2818.500        | 37.43            | -4.78       | 54.0           | 16.57       | AV       | 304.00         | 100         | Vertical | Pass    |
| 4   | 3675.000        | 48.23            | -2.53       | 74.0           | 25.77       | Peak     | 204.50         | 100         | Vertical | Pass    |
| 4** | 3675.000        | 37.75            | -2.53       | 54.0           | 16.25       | AV       | 204.50         | 100         | Vertical | Pass    |
| 5   | 4987.000        | 50.58            | -0.83       | 74.0           | 23.42       | Peak     | 280.80         | 100         | Vertical | Pass    |
| 5** | 4987.000        | 39.56            | -0.83       | 54.0           | 14.44       | AV       | 280.80         | 100         | Vertical | Pass    |
| 6   | 6904.000        | 56.25            | 4.14        | 74.0           | 17.75       | Peak     | 98.50          | 100         | Vertical | Pass    |
| 6** | 6904.000        | 45.69            | 4.14        | 54.0           | 8.31        | AV       | 98.50          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.55.01

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

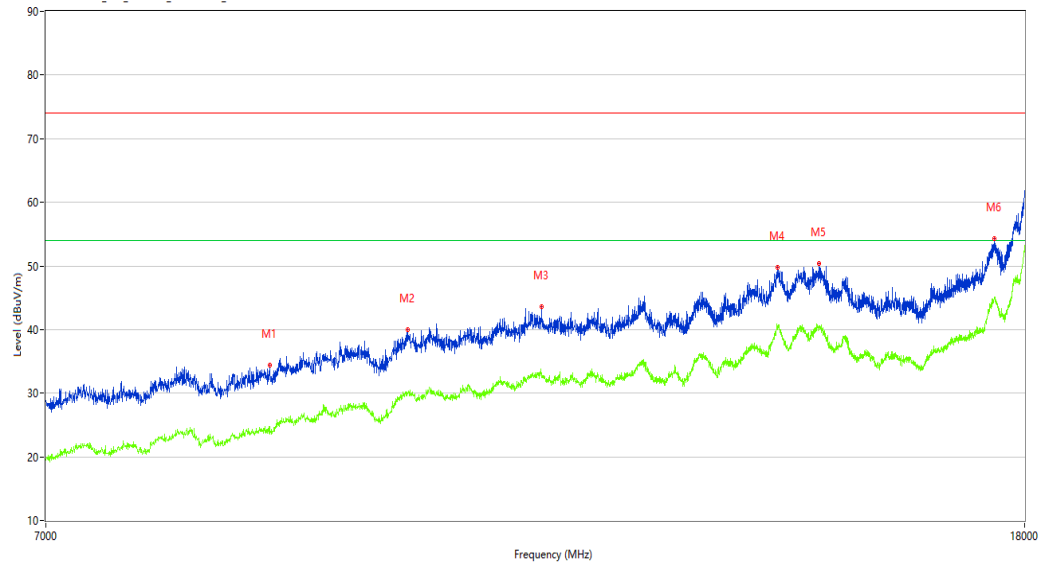
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247\_7GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 8685.750        | 34.41            | 3.75        | 74.0           | 39.59       | Peak     | 296.60         | 100         | Vertical | Pass    |
| 1** | 8685.750        | 24.73            | 3.75        | 54.0           | 29.27       | AV       | 296.60         | 100         | Vertical | Pass    |
| 2   | 9928.750        | 39.98            | 8.91        | 74.0           | 34.02       | Peak     | 244.40         | 100         | Vertical | Pass    |
| 2** | 9928.750        | 30.10            | 8.91        | 54.0           | 23.90       | AV       | 244.40         | 100         | Vertical | Pass    |
| 3   | 11290.000       | 43.60            | 11.51       | 74.0           | 30.40       | Peak     | 50.50          | 100         | Vertical | Pass    |
| 3** | 11290.000       | 32.83            | 11.51       | 54.0           | 21.17       | AV       | 50.50          | 100         | Vertical | Pass    |
| 4   | 14180.250       | 49.79            | 18.41       | 74.0           | 24.21       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 4** | 14180.250       | 40.22            | 18.41       | 54.0           | 13.78       | AV       | 360.00         | 100         | Vertical | Pass    |
| 5   | 14757.750       | 50.32            | 17.91       | 74.0           | 23.68       | Peak     | 151.50         | 100         | Vertical | Pass    |
| 5** | 14757.750       | 40.57            | 17.91       | 54.0           | 13.43       | AV       | 151.50         | 100         | Vertical | Pass    |
| 6   | 17480.249       | 54.22            | 21.63       | 74.0           | 19.78       | Peak     | 102.00         | 100         | Vertical | Pass    |
| 6** | 17480.249       | 44.73            | 21.63       | 54.0           | 9.27        | AV       | 102.00         | 100         | Vertical | Pass    |

## BLE-2M-Bandedge -Low channel- Horizontal –TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_15.06.49

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

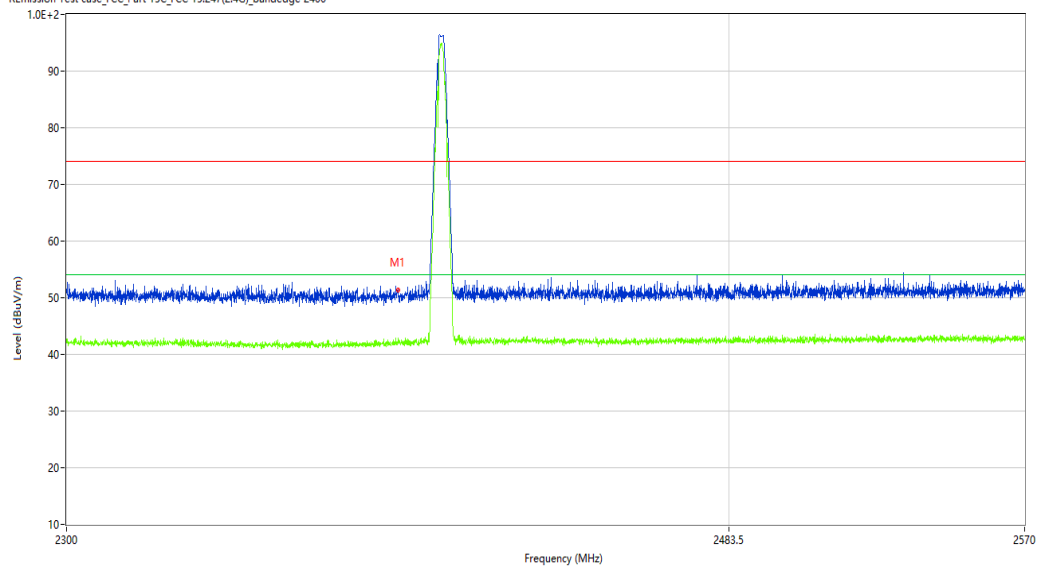
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G) bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2390.000        | 51.28            | -10.27      | 74.0           | 22.72       | Peak     | 17.30          | 100         | Horizontal | Pass    |
| 1** | 2390.000        | 42.04            | -10.27      | 54.0           | 11.96       | AV       | 17.30          | 100         | Horizontal | Pass    |

## BLE-2M-Bandedge -Low channel- Vertical -TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_14.05.36

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

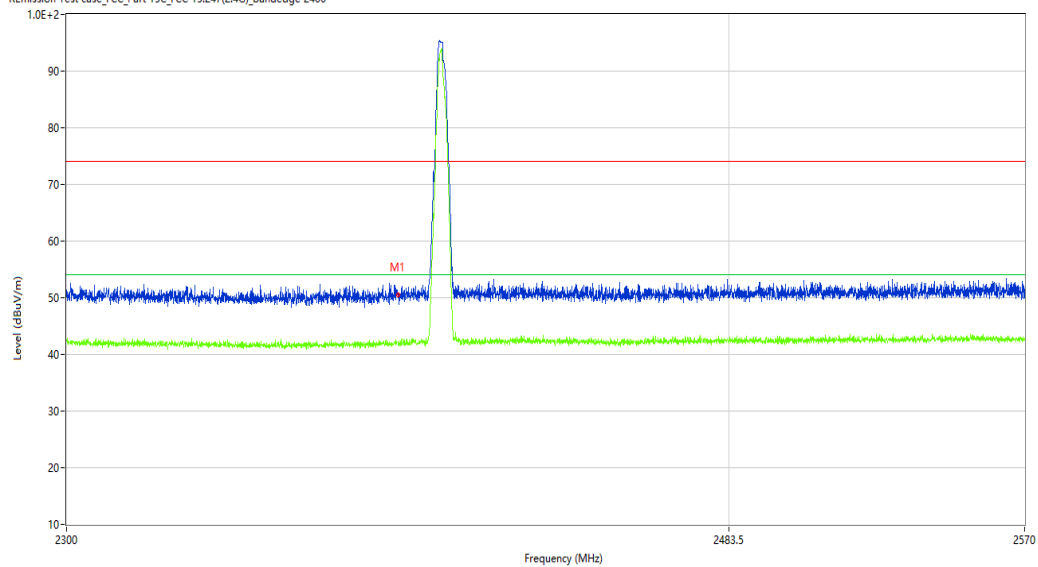
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G)\_bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2390.000        | 50.46            | -10.27      | 74.0           | 23.54       | Peak     | 231.61         | 100         | Vertical | Pass    |
| 1** | 2390.000        | 41.97            | -10.27      | 54.0           | 12.03       | AV       | 231.61         | 100         | Vertical | Pass    |

## BLE-2M-Bandedge -High channel- Horizontal –TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_15.09.23

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

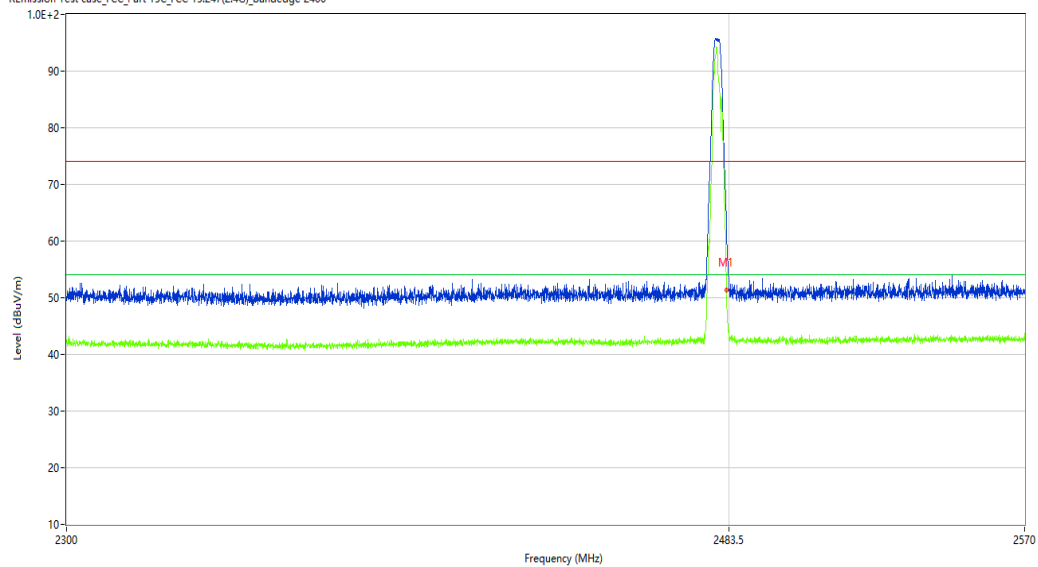
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G) bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.500        | 51.80            | -9.82       | 74.0           | 22.20       | Peak     | 282.79         | 100         | Horizontal | Pass    |
| 1** | 2483.500        | 42.51            | -9.82       | 54.0           | 11.49       | AV       | 282.79         | 100         | Horizontal | Pass    |

## BLE-2M-Bandedge -High channel- Vertical –TX

# Test result

Project Number: Certification

Test Time: 2024-06-05\_14.03.39

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

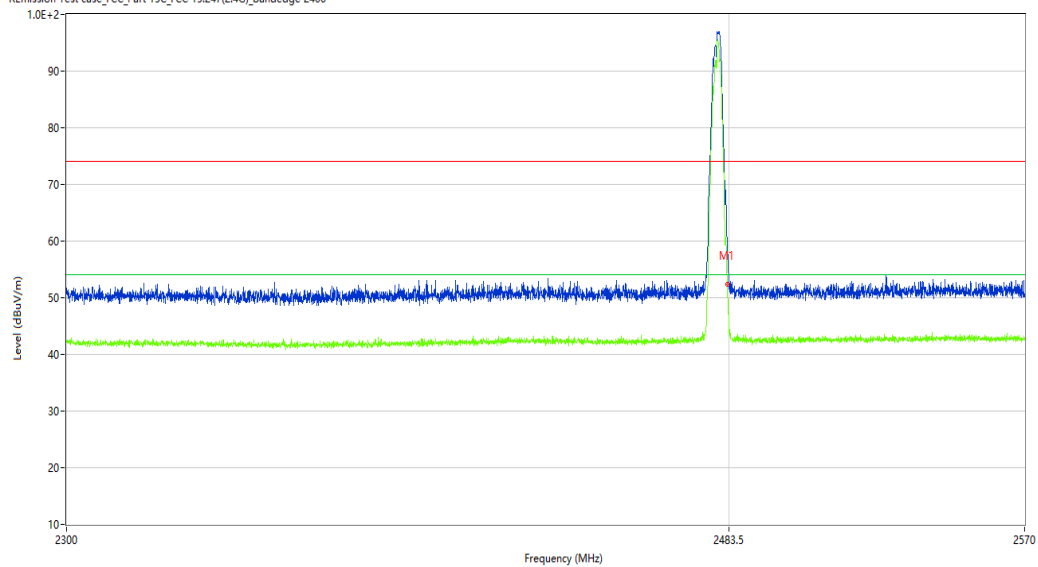
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(2.4G) bandedge 2400



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 52.43            | -9.82       | 74.0           | 21.57       | Peak     | 91.10          | 100         | Vertical | Pass    |
| 1** | 2483.500        | 44.33            | -9.82       | 54.0           | 9.67        | AV       | 91.10          | 100         | Vertical | Pass    |