

## 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\_11.07.30

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

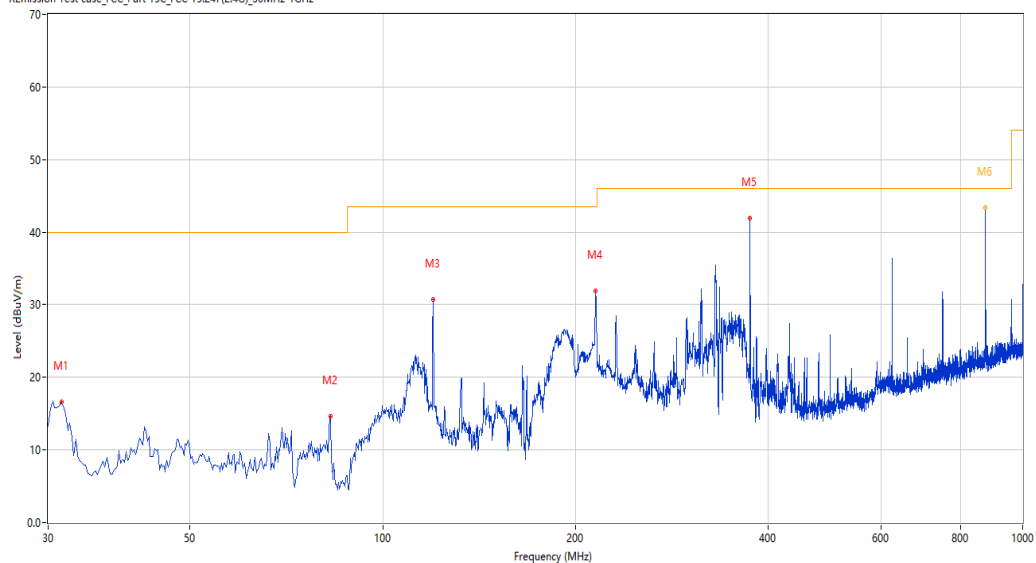
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 31.455          | 16.56            | -28.26      | 40.0           | 23.44       | Peak     | 319.70         | 100         | Horizontal | Pass    |
| 2   | 82.852          | 14.59            | -30.21      | 40.0           | 25.41       | Peak     | 0.20           | 100         | Horizontal | Pass    |
| 3   | 119.945         | 30.74            | -27.36      | 43.5           | 12.76       | Peak     | 332.40         | 100         | Horizontal | Pass    |
| 4   | 214.739         | 31.88            | -25.50      | 43.5           | 11.62       | Peak     | 345.00         | 100         | Horizontal | Pass    |
| 5   | 374.991         | 41.87            | -20.63      | 46.0           | 4.13        | Peak     | 154.80         | 100         | Horizontal | Pass    |
| 6   | 875.005         | 45.46            | -9.44       | 46.0           | 0.54        | Peak     | 229.90         | 100         | Horizontal | Pass    |
| 6*  | 875.005         | 43.36            | -9.44       | 46.0           | 2.64        | QP       | 229.90         | 100         | Horizontal | Pass    |

## BLE-1M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_11.17.30

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

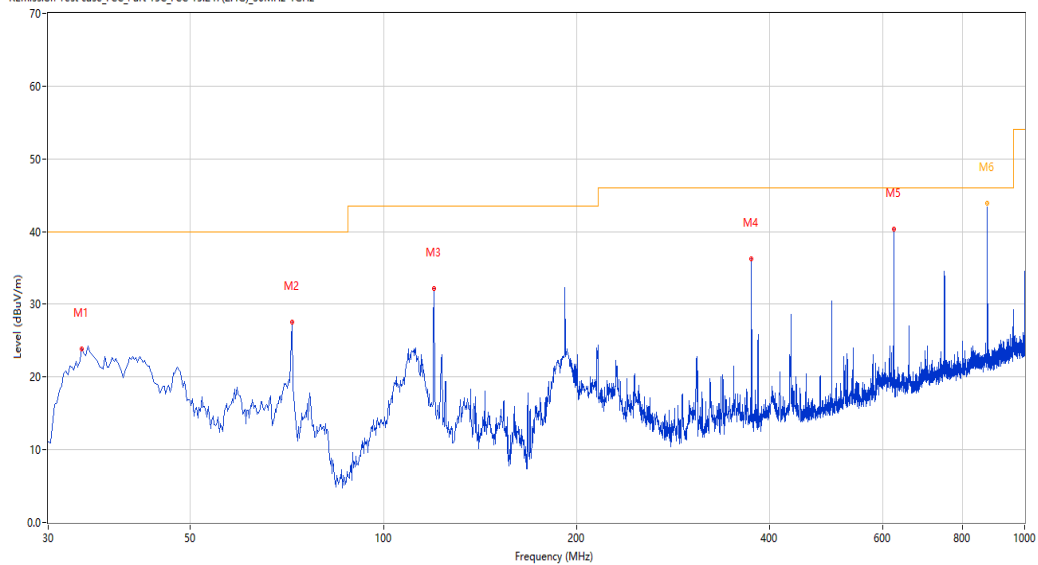
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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   | 33.879          | 23.81            | -27.40      | 40.0           | 16.19       | Peak     | 86.80          | 100         | Vertical | Pass    |
| 2   | 71.942          | 27.51            | -29.48      | 40.0           | 12.49       | Peak     | 86.80          | 100         | Vertical | Pass    |
| 3   | 119.945         | 32.21            | -27.36      | 43.5           | 11.29       | Peak     | 232.80         | 100         | Vertical | Pass    |
| 4   | 374.991         | 36.20            | -20.63      | 46.0           | 9.80        | Peak     | 316.20         | 100         | Vertical | Pass    |
| 5   | 624.946         | 40.12            | -14.10      | 46.0           | 5.88        | Peak     | 352.10         | 100         | Vertical | Pass    |
| 6   | 875.005         | 45.76            | -9.44       | 46.0           | 0.24        | Peak     | 151.90         | 118         | Vertical | Pass    |
| 6*  | 875.005         | 43.93            | -9.44       | 46.0           | 2.07        | QP       | 151.90         | 118         | Vertical | Pass    |

## POE Input:

BLE-1M-Horizontal-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_13.36.16

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

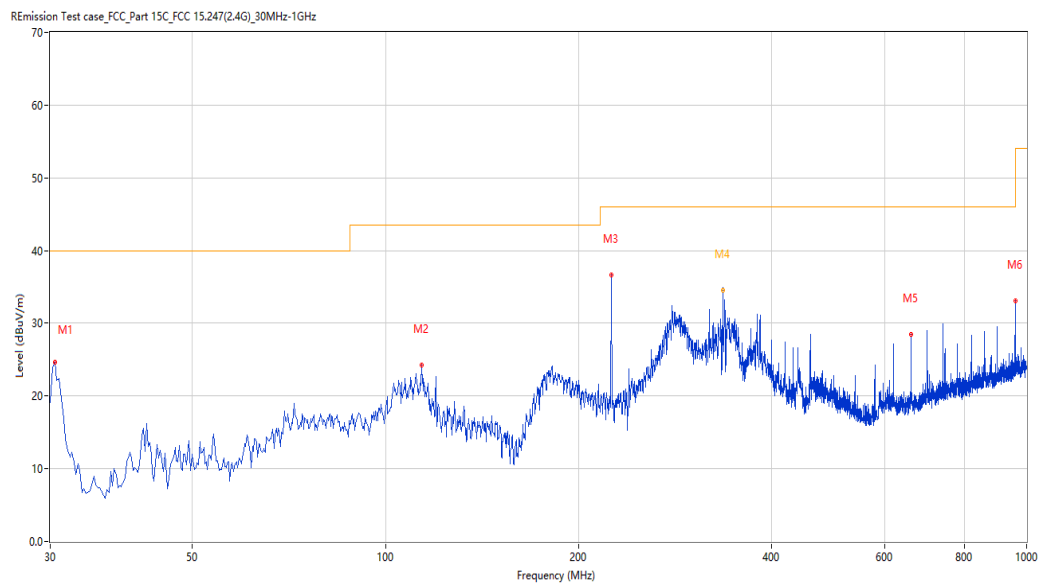
Work Addition: TX

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   | 30.485          | 24.64            | -28.57      | 40.0           | 15.36       | Peak     | 350.10         | 100         | Horizontal | Pass    |
| 2   | 113.884         | 24.26            | -26.41      | 43.5           | 19.24       | Peak     | 135.80         | 100         | Horizontal | Pass    |
| 3   | 224.921         | 36.60            | -24.85      | 46.0           | 9.40        | Peak     | 226.00         | 100         | Horizontal | Pass    |
| 4   | 336.000         | 37.07            | -20.79      | 46.0           | 8.93        | Peak     | 344.90         | 100         | Horizontal | Pass    |
| 4*  | 336.000         | 34.59            | -20.79      | 46.0           | 11.41       | QP       | 344.90         | 100         | Horizontal | Pass    |
| 5   | 659.858         | 28.46            | -13.84      | 46.0           | 17.54       | Peak     | 288.10         | 100         | Horizontal | Pass    |
| 6   | 959.513         | 33.04            | -7.59       | 46.0           | 12.96       | Peak     | 24.90          | 100         | Horizontal | Pass    |

## BLE-1M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_11.30.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

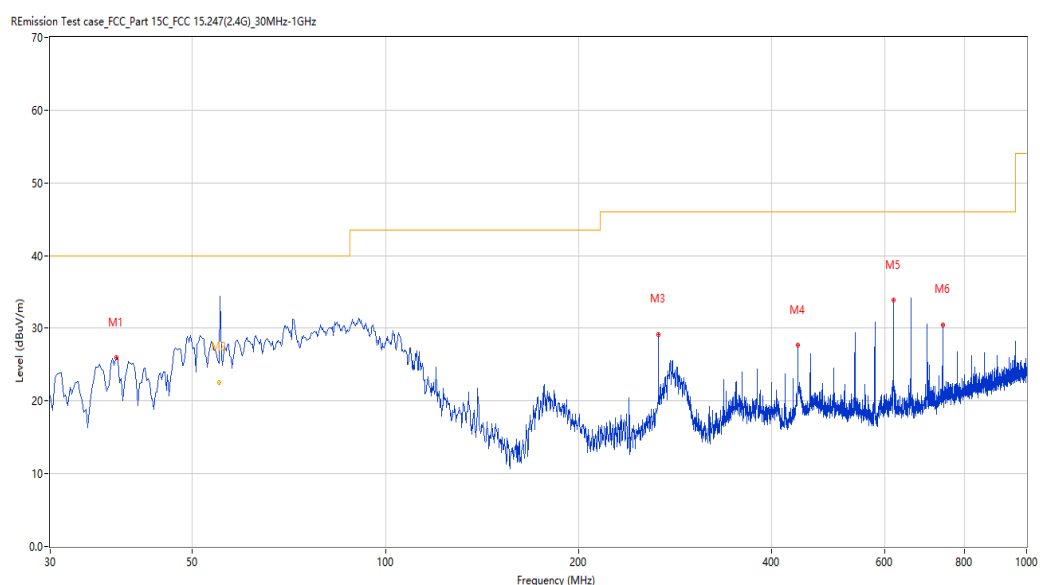
Work Addition: TX

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   | 38.001          | 25.90            | -26.11      | 40.0           | 14.10       | Peak     | 176.20         | 100         | Vertical | Pass    |
| 2   | 55.107          | 25.26            | -24.46      | 40.0           | 14.74       | Peak     | 34.20          | 102         | Vertical | Pass    |
| 2*  | 55.107          | 22.55            | -24.46      | 40.0           | 17.45       | QP       | 34.20          | 102         | Vertical | Pass    |
| 3   | 266.378         | 29.12            | -23.53      | 46.0           | 16.88       | Peak     | 43.40          | 100         | Vertical | Pass    |
| 4   | 439.965         | 27.62            | -18.78      | 46.0           | 18.38       | Peak     | 356.60         | 100         | Vertical | Pass    |
| 5   | 619.855         | 33.84            | -13.59      | 46.0           | 12.16       | Peak     | 32.30          | 100         | Vertical | Pass    |
| 6   | 739.863         | 30.50            | -12.06      | 46.0           | 15.50       | Peak     | 97.50          | 100         | Vertical | Pass    |

1-18G

BLE-1M-Low channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-05\_10.41.45

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

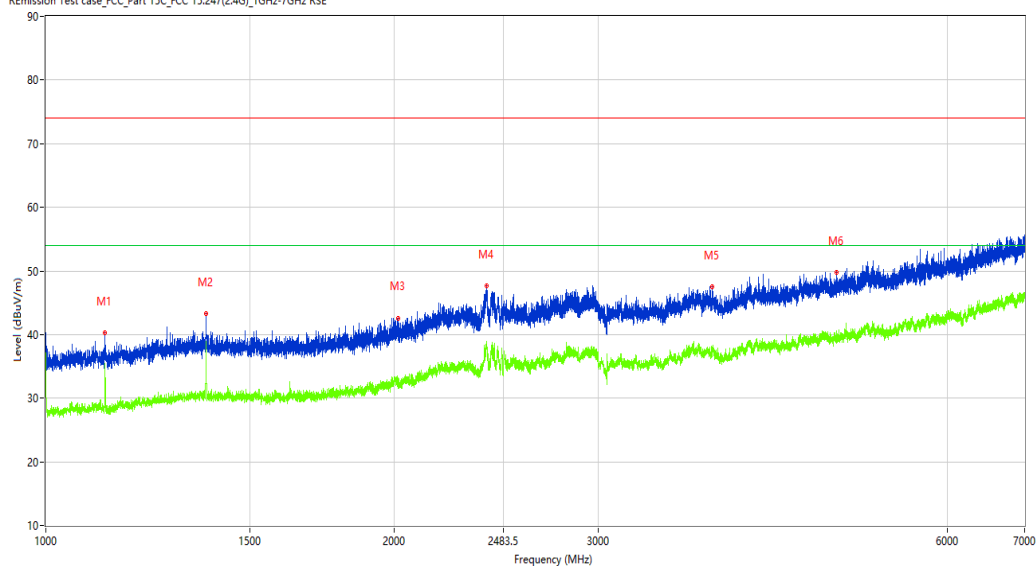
Temp.(oC): 24

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   | 1124.750        | 40.24            | -14.27      | 74.0           | 33.76       | Peak     | 309.90         | 100         | Horizontal | Pass    |
| 1** | 1124.750        | 35.51            | -14.27      | 54.0           | 18.49       | AV       | 309.90         | 100         | Horizontal | Pass    |
| 2   | 1375.000        | 43.31            | -12.81      | 74.0           | 30.69       | Peak     | 228.80         | 100         | Horizontal | Pass    |
| 2** | 1375.000        | 38.95            | -12.81      | 54.0           | 15.05       | AV       | 228.80         | 100         | Horizontal | Pass    |
| 3   | 2016.000        | 42.59            | -10.76      | 74.0           | 31.41       | Peak     | 199.70         | 100         | Horizontal | Pass    |
| 3** | 2016.000        | 32.03            | -10.76      | 54.0           | 21.97       | AV       | 199.70         | 100         | Horizontal | Pass    |
| 4   | 2400.250        | 47.61            | -4.67       | 74.0           | 26.39       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 4** | 2400.250        | 38.63            | -4.67       | 54.0           | 15.37       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 5   | 3763.000        | 47.51            | -2.50       | 74.0           | 26.49       | Peak     | 171.30         | 100         | Horizontal | Pass    |
| 5** | 3763.000        | 37.17            | -2.50       | 54.0           | 16.83       | AV       | 171.30         | 100         | Horizontal | Pass    |
| 6   | 4816.000        | 49.80            | -1.30       | 74.0           | 24.20       | Peak     | 359.60         | 100         | Horizontal | Pass    |
| 6** | 4816.000        | 38.87            | -1.30       | 54.0           | 15.13       | AV       | 359.60         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.20.47

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

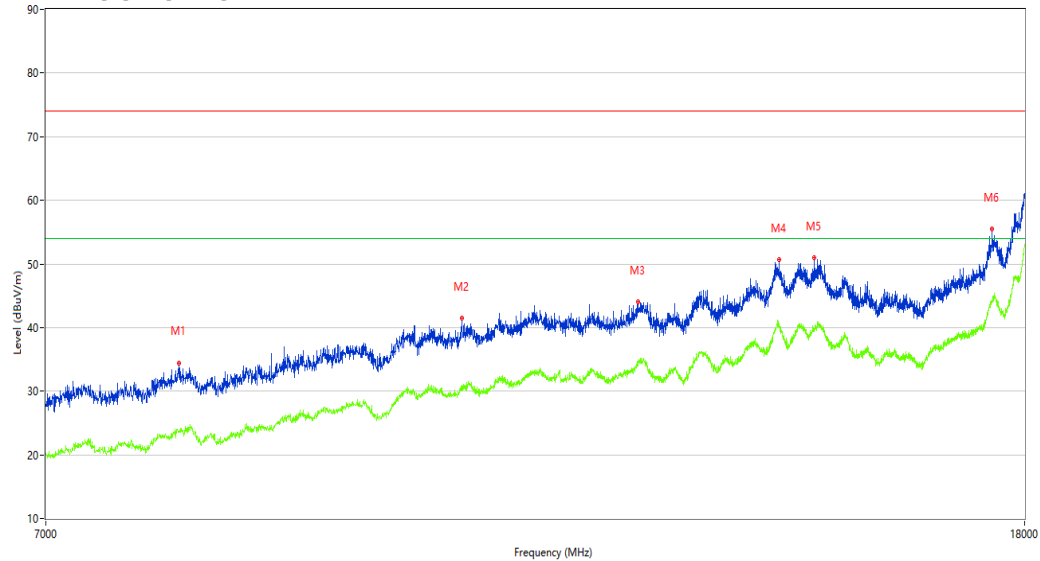
Temp.(oC): 24

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   | 7957.000        | 34.47            | 2.75        | 74.0           | 39.53       | Peak     | 48.90          | 100         | Horizontal | Pass    |
| 1** | 7957.000        | 23.76            | 2.75        | 54.0           | 30.24       | AV       | 48.90          | 100         | Horizontal | Pass    |
| 2   | 10456.750       | 41.51            | 8.77        | 74.0           | 32.49       | Peak     | 75.50          | 100         | Horizontal | Pass    |
| 2** | 10456.750       | 30.89            | 8.77        | 54.0           | 23.11       | AV       | 75.50          | 100         | Horizontal | Pass    |
| 3   | 12392.750       | 44.00            | 11.76       | 74.0           | 30.00       | Peak     | 1.30           | 100         | Horizontal | Pass    |
| 3** | 12392.750       | 34.02            | 11.76       | 54.0           | 19.98       | AV       | 1.30           | 100         | Horizontal | Pass    |
| 4   | 14205.000       | 50.65            | 18.30       | 74.0           | 23.35       | Peak     | 270.10         | 100         | Horizontal | Pass    |
| 4** | 14205.000       | 40.48            | 18.30       | 54.0           | 13.52       | AV       | 270.10         | 100         | Horizontal | Pass    |
| 5   | 14697.250       | 50.96            | 17.21       | 74.0           | 23.04       | Peak     | 176.80         | 100         | Horizontal | Pass    |
| 5** | 14697.250       | 39.83            | 17.21       | 54.0           | 14.17       | AV       | 176.80         | 100         | Horizontal | Pass    |
| 6   | 17439.001       | 55.44            | 20.70       | 74.0           | 18.56       | Peak     | 176.80         | 100         | Horizontal | Pass    |
| 6** | 17439.001       | 43.94            | 20.70       | 54.0           | 10.06       | AV       | 176.80         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.34.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

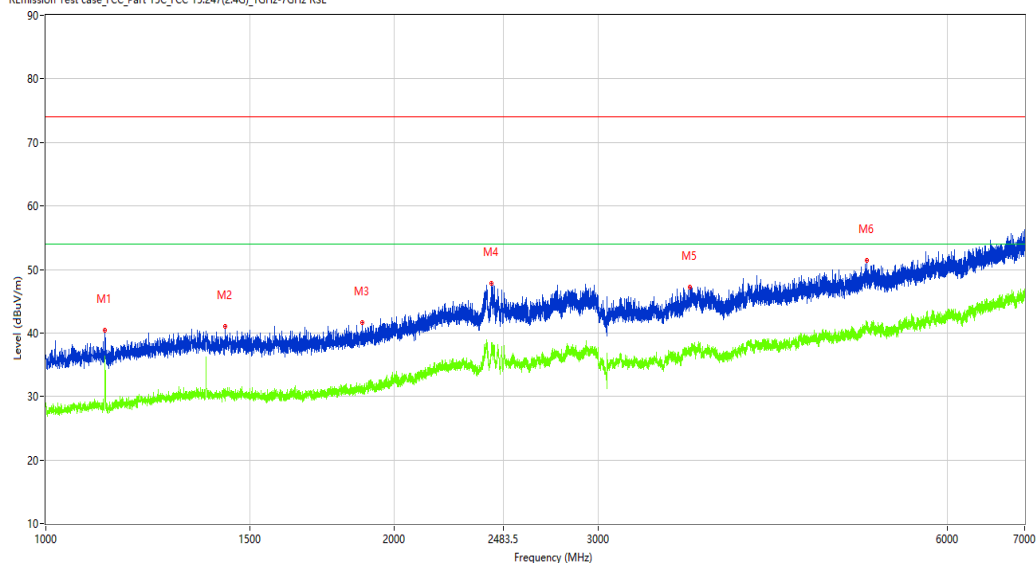
Temp.(oC): 24

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   | 1124.750        | 40.37            | -14.27      | 74.0           | 33.63       | Peak     | 218.10         | 100         | Vertical | Pass    |
| 1** | 1124.750        | 36.30            | -14.27      | 54.0           | 17.70       | AV       | 218.10         | 100         | Vertical | Pass    |
| 2   | 1429.250        | 41.05            | -12.57      | 74.0           | 32.95       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 1429.250        | 30.89            | -12.57      | 54.0           | 23.11       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 1874.500        | 41.63            | -11.91      | 74.0           | 32.37       | Peak     | 25.60          | 100         | Vertical | Pass    |
| 3** | 1874.500        | 31.65            | -11.91      | 54.0           | 22.35       | AV       | 25.60          | 100         | Vertical | Pass    |
| 4   | 2426.000        | 47.85            | -5.18       | 74.0           | 26.15       | Peak     | 232.90         | 100         | Vertical | Pass    |
| 4** | 2426.000        | 37.68            | -5.18       | 54.0           | 16.32       | AV       | 232.90         | 100         | Vertical | Pass    |
| 5   | 3598.000        | 47.18            | -2.86       | 74.0           | 26.82       | Peak     | 71.80          | 100         | Vertical | Pass    |
| 5** | 3598.000        | 36.76            | -2.86       | 54.0           | 17.24       | AV       | 71.80          | 100         | Vertical | Pass    |
| 6   | 5111.000        | 51.37            | 0.40        | 74.0           | 22.63       | Peak     | 99.00          | 100         | Vertical | Pass    |
| 6** | 5111.000        | 40.89            | 0.40        | 54.0           | 13.11       | AV       | 99.00          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.15.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

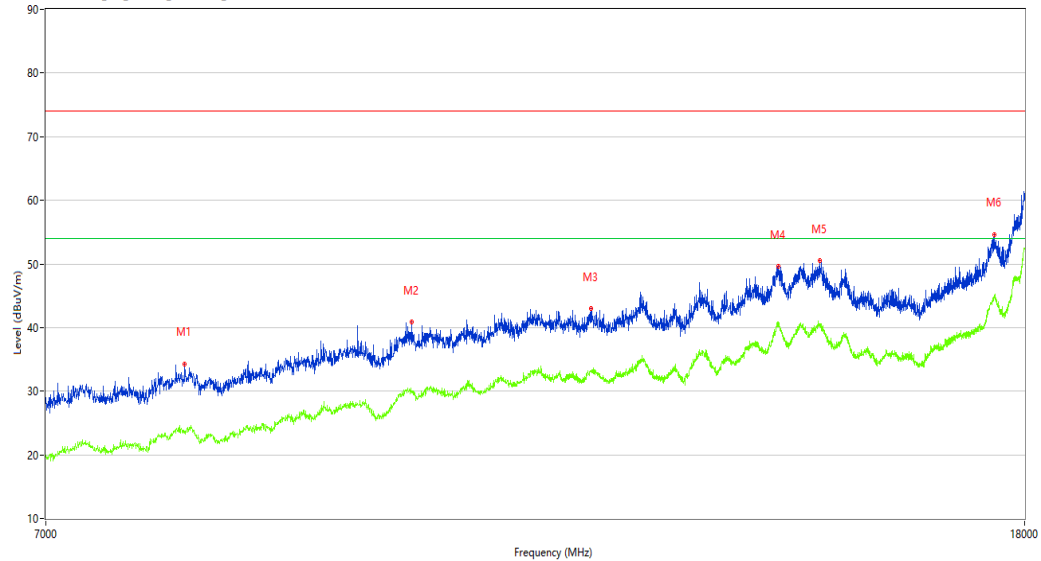
Temp.(oC): 24

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   | 8003.750        | 34.32            | 3.17        | 74.0           | 39.68       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 1** | 8003.750        | 23.45            | 3.17        | 54.0           | 30.55       | AV       | 0.00           | 100         | Vertical | Pass    |
| 2   | 9964.500        | 40.89            | 8.65        | 74.0           | 33.11       | Peak     | 29.10          | 100         | Vertical | Pass    |
| 2** | 9964.500        | 29.77            | 8.65        | 54.0           | 24.23       | AV       | 29.10          | 100         | Vertical | Pass    |
| 3   | 11845.500       | 43.02            | 11.11       | 74.0           | 30.98       | Peak     | 187.30         | 100         | Vertical | Pass    |
| 3** | 11845.500       | 33.01            | 11.11       | 54.0           | 20.99       | AV       | 187.30         | 100         | Vertical | Pass    |
| 4   | 14188.500       | 49.57            | 18.65       | 74.0           | 24.43       | Peak     | 338.10         | 100         | Vertical | Pass    |
| 4** | 14188.500       | 40.89            | 18.65       | 54.0           | 13.11       | AV       | 338.10         | 100         | Vertical | Pass    |
| 5   | 14766.000       | 50.51            | 17.95       | 74.0           | 23.49       | Peak     | 261.80         | 100         | Vertical | Pass    |
| 5** | 14766.000       | 40.55            | 17.95       | 54.0           | 13.45       | AV       | 261.80         | 100         | Vertical | Pass    |
| 6   | 17477.501       | 54.54            | 21.57       | 74.0           | 19.46       | Peak     | 83.50          | 100         | Vertical | Pass    |
| 6** | 17477.501       | 45.10            | 21.57       | 54.0           | 8.90        | AV       | 83.50          | 100         | Vertical | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.45.04

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

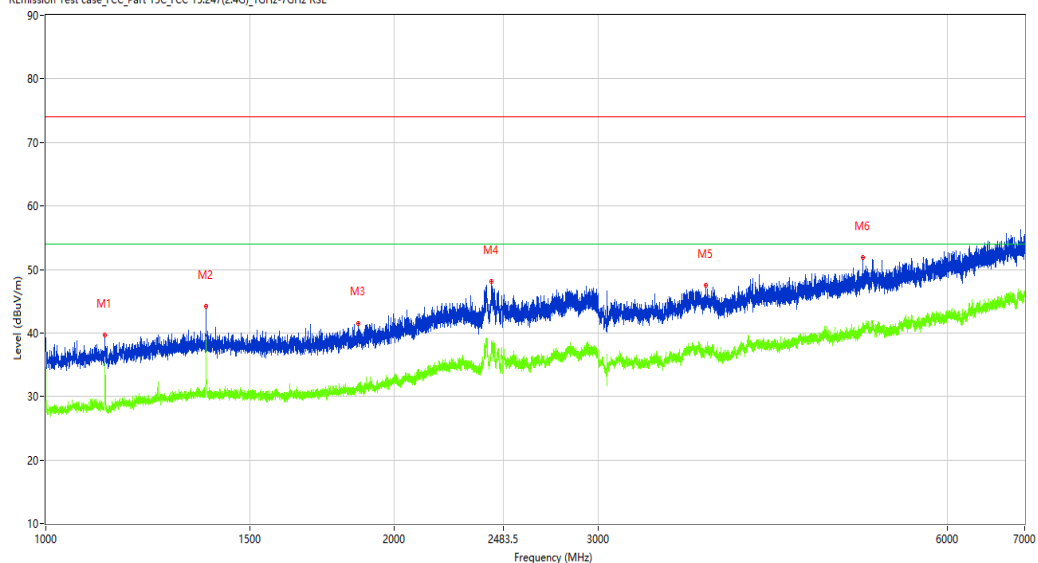
Temp.(oC): 24

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   | 1125.000        | 39.73            | -14.28      | 74.0           | 34.27       | Peak     | 35.10          | 100         | Horizontal | Pass    |
| 1** | 1125.000        | 35.19            | -14.28      | 54.0           | 18.81       | AV       | 35.10          | 100         | Horizontal | Pass    |
| 2   | 1375.250        | 44.21            | -12.81      | 74.0           | 29.79       | Peak     | 229.20         | 100         | Horizontal | Pass    |
| 2** | 1375.250        | 37.92            | -12.81      | 54.0           | 16.08       | AV       | 229.20         | 100         | Horizontal | Pass    |
| 3   | 1861.250        | 41.55            | -12.07      | 74.0           | 32.45       | Peak     | 49.00          | 100         | Horizontal | Pass    |
| 3** | 1861.250        | 31.85            | -12.07      | 54.0           | 22.15       | AV       | 49.00          | 100         | Horizontal | Pass    |
| 4   | 2426.750        | 48.13            | -5.20       | 74.0           | 25.87       | Peak     | 267.80         | 100         | Horizontal | Pass    |
| 4** | 2426.750        | 38.84            | -5.20       | 54.0           | 15.16       | AV       | 267.80         | 100         | Horizontal | Pass    |
| 5   | 3714.500        | 47.46            | -2.70       | 74.0           | 26.54       | Peak     | 33.60          | 100         | Horizontal | Pass    |
| 5** | 3714.500        | 37.31            | -2.70       | 54.0           | 16.69       | AV       | 33.60          | 100         | Horizontal | Pass    |
| 6   | 5074.000        | 51.89            | 0.06        | 74.0           | 22.11       | Peak     | 126.50         | 100         | Horizontal | Pass    |
| 6** | 5074.000        | 41.31            | 0.06        | 54.0           | 12.69       | AV       | 126.50         | 100         | Horizontal | Pass    |

## Test result

Project Number: Certification

Test Time: 2024-06-03\_19.22.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

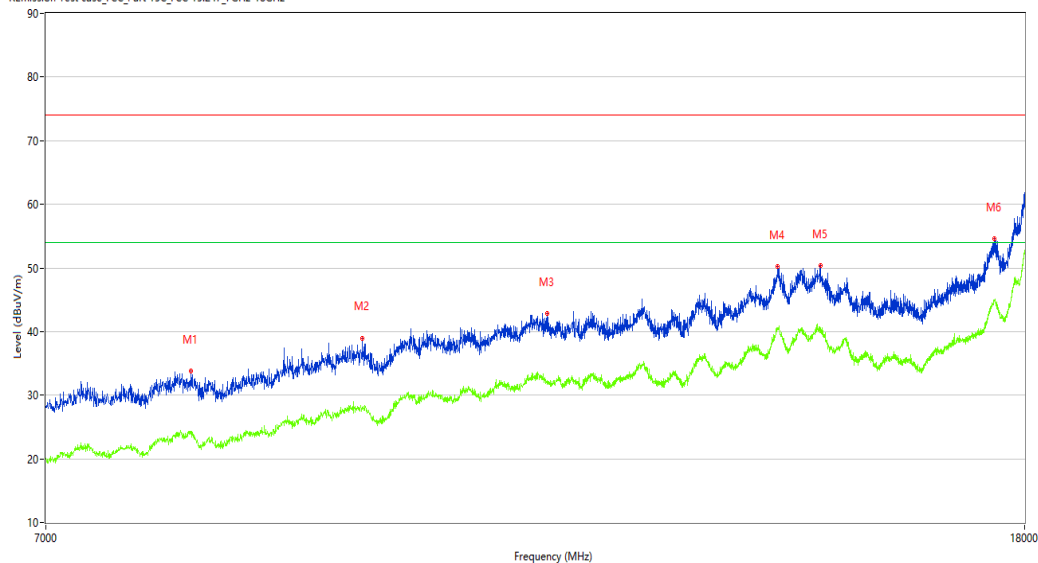
Temp.(oC): 24

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   | 8050.500        | 33.76            | 3.79        | 74.0           | 40.24       | Peak     | 315.20         | 100         | Horizontal | Pass    |
| 1** | 8050.500        | 24.25            | 3.79        | 54.0           | 29.75       | AV       | 315.20         | 100         | Horizontal | Pass    |
| 2   | 9499.750        | 38.98            | 7.02        | 74.0           | 35.02       | Peak     | 356.30         | 100         | Horizontal | Pass    |
| 2** | 9499.750        | 27.78            | 7.02        | 54.0           | 26.22       | AV       | 356.30         | 100         | Horizontal | Pass    |
| 3   | 11356.000       | 42.84            | 11.02       | 74.0           | 31.16       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 3** | 11356.000       | 31.70            | 11.02       | 54.0           | 22.30       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 4   | 14183.000       | 50.21            | 18.50       | 74.0           | 23.79       | Peak     | 263.60         | 100         | Horizontal | Pass    |
| 4** | 14183.000       | 40.66            | 18.50       | 54.0           | 13.34       | AV       | 263.60         | 100         | Horizontal | Pass    |
| 5   | 14785.250       | 50.39            | 17.68       | 74.0           | 23.61       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 14785.250       | 40.60            | 17.68       | 54.0           | 13.40       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 17483.000       | 54.59            | 21.70       | 74.0           | 19.41       | Peak     | 211.40         | 100         | Horizontal | Pass    |
| 6** | 17483.000       | 44.85            | 21.70       | 54.0           | 9.15        | AV       | 211.40         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.32.03

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

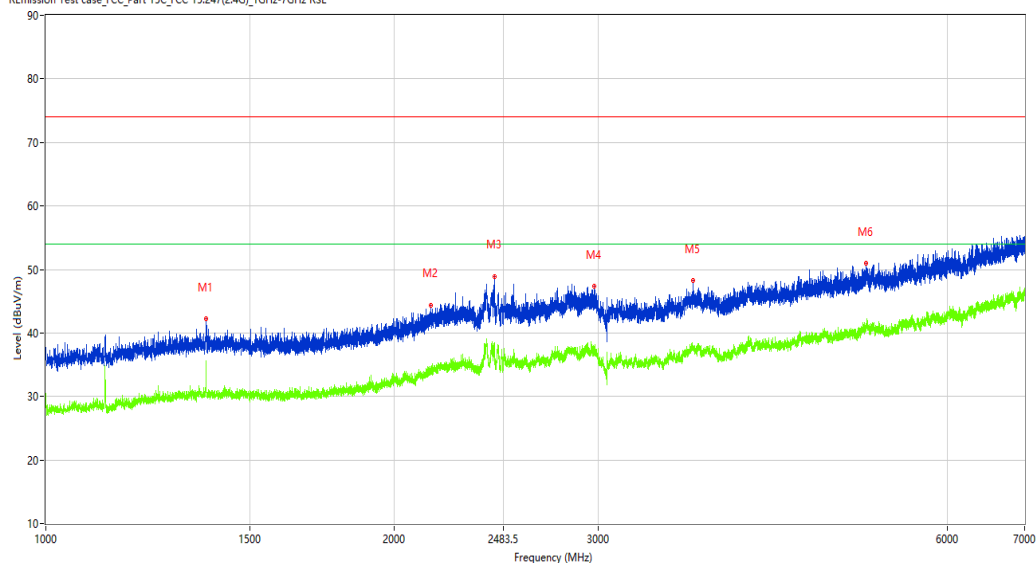
Test Standard: FCC

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   | 1374.500        | 42.24            | -12.80      | 74.0           | 31.76       | Peak     | 199.20         | 100         | Vertical | Pass    |
| 1** | 1374.500        | 33.76            | -12.80      | 54.0           | 20.24       | AV       | 199.20         | 100         | Vertical | Pass    |
| 2   | 2148.500        | 44.41            | -8.94       | 74.0           | 29.59       | Peak     | 251.10         | 100         | Vertical | Pass    |
| 2** | 2148.500        | 34.07            | -8.94       | 54.0           | 19.93       | AV       | 251.10         | 100         | Vertical | Pass    |
| 3   | 2439.500        | 48.94            | -5.46       | 74.0           | 25.06       | Peak     | 70.50          | 100         | Vertical | Pass    |
| 3** | 2439.500        | 38.02            | -5.46       | 54.0           | 15.98       | AV       | 70.50          | 100         | Vertical | Pass    |
| 4   | 2973.500        | 47.38            | -3.69       | 74.0           | 26.62       | Peak     | 251.10         | 100         | Vertical | Pass    |
| 4** | 2973.500        | 36.86            | -3.69       | 54.0           | 17.14       | AV       | 251.10         | 100         | Vertical | Pass    |
| 5   | 3620.500        | 48.19            | -2.33       | 74.0           | 25.81       | Peak     | 304.10         | 100         | Vertical | Pass    |
| 5** | 3620.500        | 37.97            | -2.33       | 54.0           | 16.03       | AV       | 304.10         | 100         | Vertical | Pass    |
| 6   | 5110.500        | 50.96            | 0.40        | 74.0           | 23.04       | Peak     | 173.50         | 100         | Vertical | Pass    |
| 6** | 5110.500        | 41.34            | 0.40        | 54.0           | 12.66       | AV       | 173.50         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.17.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

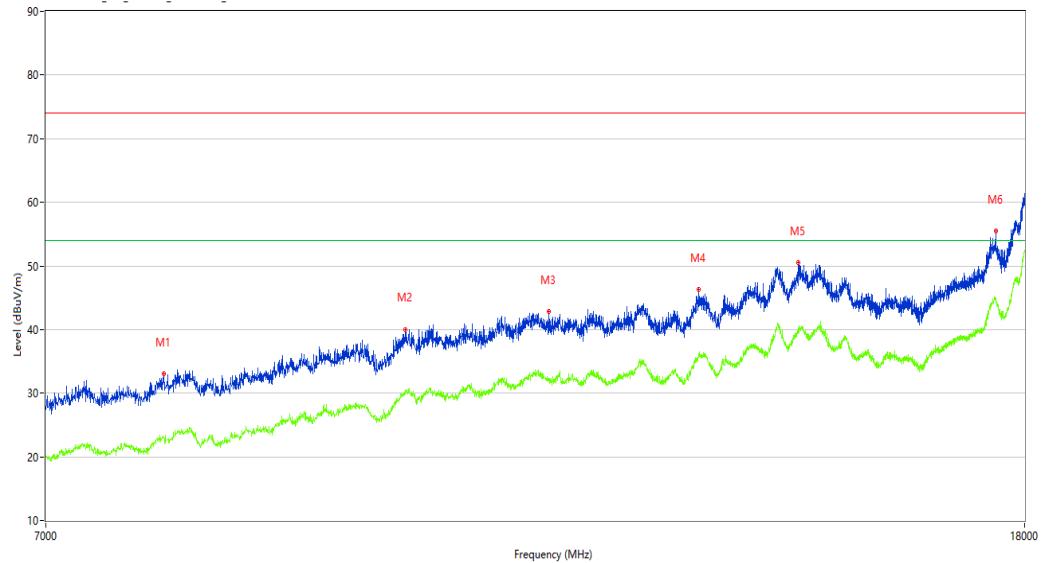
Temp.(oC): 24

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   | 7841.500        | 33.08            | 1.85        | 74.0           | 40.92       | Peak     | 270.20         | 100         | Vertical | Pass    |
| 1** | 7841.500        | 22.91            | 1.85        | 54.0           | 31.09       | AV       | 270.20         | 100         | Vertical | Pass    |
| 2   | 9904.000        | 40.05            | 8.81        | 74.0           | 33.95       | Peak     | 8.80           | 100         | Vertical | Pass    |
| 2** | 9904.000        | 30.48            | 8.81        | 54.0           | 23.52       | AV       | 8.80           | 100         | Vertical | Pass    |
| 3   | 11375.250       | 42.84            | 10.87       | 74.0           | 31.16       | Peak     | 72.20          | 100         | Vertical | Pass    |
| 3** | 11375.250       | 32.37            | 10.87       | 54.0           | 21.63       | AV       | 72.20          | 100         | Vertical | Pass    |
| 4   | 13146.250       | 46.33            | 13.09       | 74.0           | 27.67       | Peak     | 320.40         | 100         | Vertical | Pass    |
| 4** | 13146.250       | 36.01            | 13.09       | 54.0           | 17.99       | AV       | 320.40         | 100         | Vertical | Pass    |
| 5   | 14471.750       | 50.51            | 17.07       | 74.0           | 23.49       | Peak     | 270.20         | 100         | Vertical | Pass    |
| 5** | 14471.750       | 40.31            | 17.07       | 54.0           | 13.69       | AV       | 270.20         | 100         | Vertical | Pass    |
| 6   | 17504.999       | 55.50            | 21.37       | 74.0           | 18.50       | Peak     | 72.20          | 100         | Vertical | Pass    |
| 6** | 17504.999       | 45.02            | 21.37       | 54.0           | 8.98        | AV       | 72.20          | 100         | Vertical | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.47.20

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

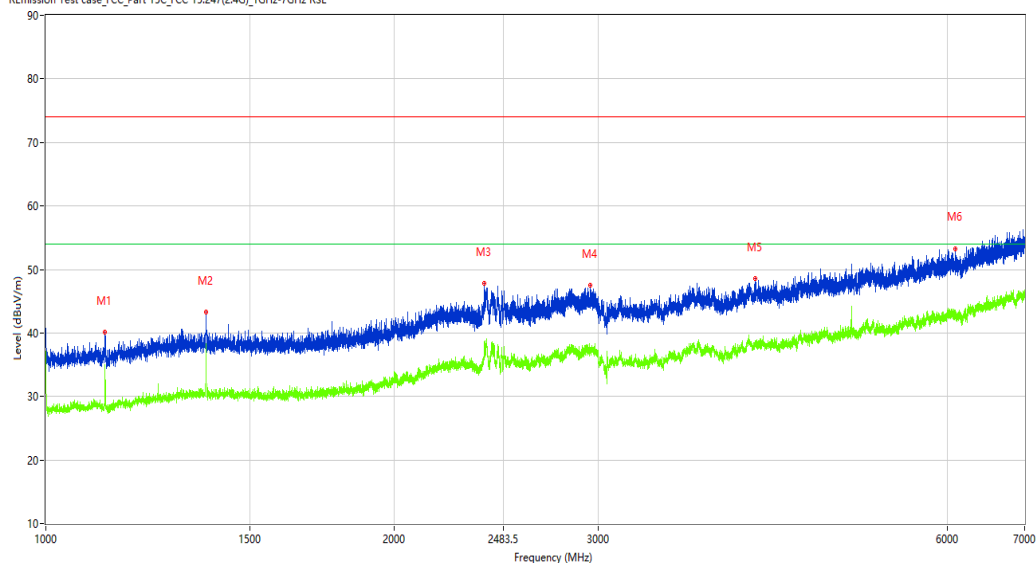
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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   | 1125.000        | 40.21            | -14.28      | 74.0           | 33.79       | Peak     | 227.10         | 100         | Horizontal | Pass    |
| 1** | 1125.000        | 34.90            | -14.28      | 54.0           | 19.10       | AV       | 227.10         | 100         | Horizontal | Pass    |
| 2   | 1374.500        | 43.32            | -12.80      | 74.0           | 30.68       | Peak     | 227.10         | 100         | Horizontal | Pass    |
| 2** | 1374.500        | 36.48            | -12.80      | 54.0           | 17.52       | AV       | 227.10         | 100         | Horizontal | Pass    |
| 3   | 2392.000        | 47.80            | -4.45       | 74.0           | 26.20       | Peak     | 118.40         | 100         | Horizontal | Pass    |
| 3** | 2392.000        | 38.23            | -4.45       | 54.0           | 15.77       | AV       | 118.40         | 100         | Horizontal | Pass    |
| 4   | 2952.500        | 47.46            | -3.97       | 74.0           | 26.54       | Peak     | 10.60          | 100         | Horizontal | Pass    |
| 4** | 2952.500        | 36.87            | -3.97       | 54.0           | 17.13       | AV       | 10.60          | 100         | Horizontal | Pass    |
| 5   | 4095.500        | 48.61            | -1.43       | 74.0           | 25.39       | Peak     | 359.40         | 100         | Horizontal | Pass    |
| 5** | 4095.500        | 37.85            | -1.43       | 54.0           | 16.15       | AV       | 359.40         | 100         | Horizontal | Pass    |
| 6   | 6100.000        | 53.30            | 1.72        | 74.0           | 20.70       | Peak     | 278.80         | 100         | Horizontal | Pass    |
| 6** | 6100.000        | 42.93            | 1.72        | 54.0           | 11.07       | AV       | 278.80         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.24.10

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

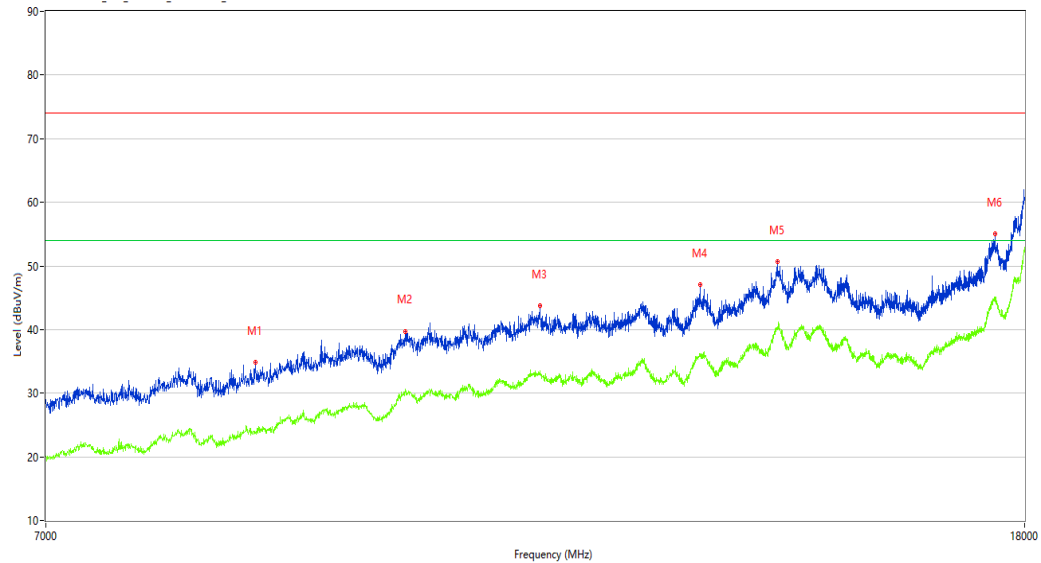
Temp.(oC): 24

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   | 8567.500        | 34.87            | 3.15        | 74.0           | 39.13       | Peak     | 125.80         | 100         | Horizontal | Pass    |
| 1** | 8567.500        | 23.83            | 3.15        | 54.0           | 30.17       | AV       | 125.80         | 100         | Horizontal | Pass    |
| 2   | 9901.250        | 39.74            | 8.77        | 74.0           | 34.26       | Peak     | 231.80         | 100         | Horizontal | Pass    |
| 2** | 9901.250        | 30.61            | 8.77        | 54.0           | 23.39       | AV       | 231.80         | 100         | Horizontal | Pass    |
| 3   | 11273.500       | 43.72            | 11.37       | 74.0           | 30.28       | Peak     | 231.80         | 100         | Horizontal | Pass    |
| 3** | 11273.500       | 33.02            | 11.37       | 54.0           | 20.98       | AV       | 231.80         | 100         | Horizontal | Pass    |
| 4   | 13157.250       | 47.00            | 13.12       | 74.0           | 27.00       | Peak     | 125.80         | 100         | Horizontal | Pass    |
| 4** | 13157.250       | 36.12            | 13.12       | 54.0           | 17.88       | AV       | 125.80         | 100         | Horizontal | Pass    |
| 5   | 14177.500       | 50.71            | 18.32       | 74.0           | 23.29       | Peak     | 332.80         | 100         | Horizontal | Pass    |
| 5** | 14177.500       | 40.02            | 18.32       | 54.0           | 13.98       | AV       | 332.80         | 100         | Horizontal | Pass    |
| 6   | 17488.501       | 54.99            | 21.68       | 74.0           | 19.01       | Peak     | 346.40         | 100         | Horizontal | Pass    |
| 6** | 17488.501       | 45.10            | 21.68       | 54.0           | 8.90        | AV       | 346.40         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.37.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

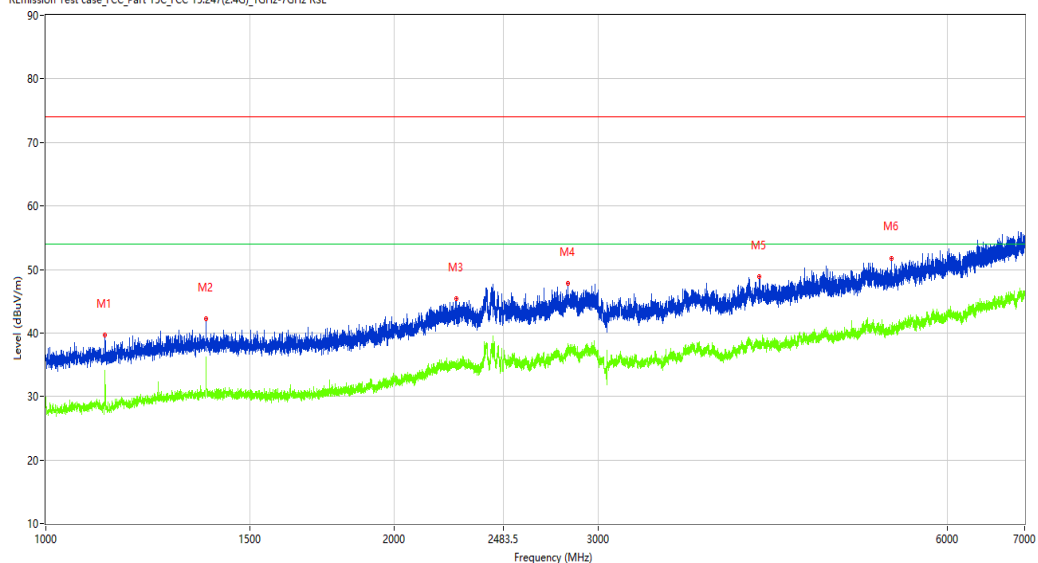
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(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   | 1125.250        | 39.71            | -14.28      | 74.0           | 34.29       | Peak     | 187.00         | 100         | Vertical | Pass    |
| 1** | 1125.250        | 32.96            | -14.28      | 54.0           | 21.04       | AV       | 187.00         | 100         | Vertical | Pass    |
| 2   | 1375.000        | 42.19            | -12.81      | 74.0           | 31.81       | Peak     | 256.50         | 100         | Vertical | Pass    |
| 2** | 1375.000        | 36.11            | -12.81      | 54.0           | 17.89       | AV       | 256.50         | 100         | Vertical | Pass    |
| 3   | 2262.500        | 45.38            | -7.26       | 74.0           | 28.62       | Peak     | 94.00          | 100         | Vertical | Pass    |
| 3** | 2262.500        | 34.09            | -7.26       | 54.0           | 19.91       | AV       | 94.00          | 100         | Vertical | Pass    |
| 4   | 2823.000        | 47.84            | -4.70       | 74.0           | 26.16       | Peak     | 0.90           | 100         | Vertical | Pass    |
| 4** | 2823.000        | 37.51            | -4.70       | 54.0           | 16.49       | AV       | 0.90           | 100         | Vertical | Pass    |
| 5   | 4132.500        | 48.85            | -2.01       | 74.0           | 25.15       | Peak     | 254.70         | 100         | Vertical | Pass    |
| 5** | 4132.500        | 37.89            | -2.01       | 54.0           | 16.11       | AV       | 254.70         | 100         | Vertical | Pass    |
| 6   | 5370.500        | 51.79            | -0.41       | 74.0           | 22.21       | Peak     | 295.40         | 100         | Vertical | Pass    |
| 6** | 5370.500        | 40.56            | -0.41       | 54.0           | 13.44       | AV       | 295.40         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.19.18

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

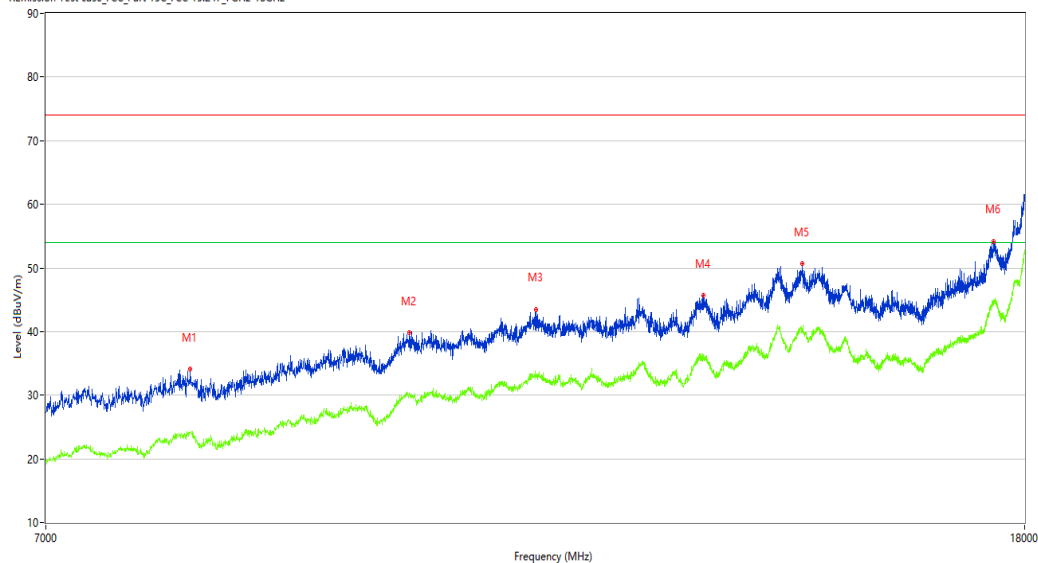
Temp.(oC): 24

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   | 8047.750        | 34.14            | 3.85        | 74.0           | 39.86       | Peak     | 100.90         | 100         | Vertical | Pass    |
| 1** | 8047.750        | 24.07            | 3.85        | 54.0           | 29.93       | AV       | 100.90         | 100         | Vertical | Pass    |
| 2   | 9937.000        | 39.83            | 8.85        | 74.0           | 34.17       | Peak     | 185.90         | 100         | Vertical | Pass    |
| 2** | 9937.000        | 30.12            | 8.85        | 54.0           | 23.88       | AV       | 185.90         | 100         | Vertical | Pass    |
| 3   | 11237.750       | 43.52            | 10.89       | 74.0           | 30.48       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 11237.750       | 33.24            | 10.89       | 54.0           | 20.76       | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 13206.750       | 45.67            | 13.22       | 74.0           | 28.33       | Peak     | 149.70         | 100         | Vertical | Pass    |
| 4** | 13206.750       | 36.39            | 13.22       | 54.0           | 17.61       | AV       | 149.70         | 100         | Vertical | Pass    |
| 5   | 14524.000       | 50.70            | 16.62       | 74.0           | 23.30       | Peak     | 149.70         | 100         | Vertical | Pass    |
| 5** | 14524.000       | 40.41            | 16.62       | 54.0           | 13.59       | AV       | 149.70         | 100         | Vertical | Pass    |
| 6   | 17469.250       | 54.19            | 21.37       | 74.0           | 19.81       | Peak     | 280.90         | 100         | Vertical | Pass    |
| 6** | 17469.250       | 44.49            | 21.37       | 54.0           | 9.51        | AV       | 280.90         | 100         | Vertical | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_11.18.16

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

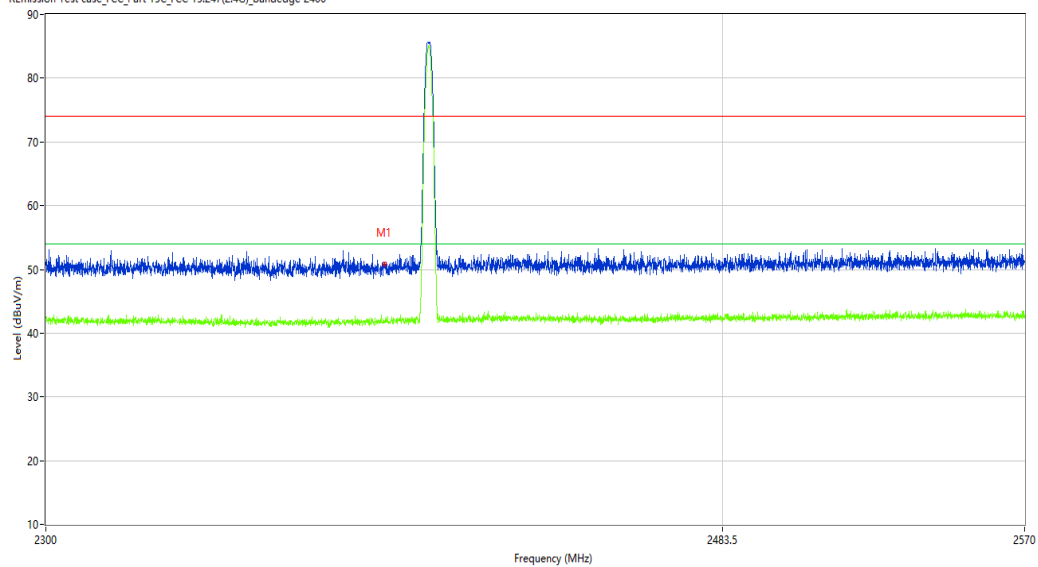
Test Standard: FCC

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        | 50.63            | -10.27      | 74.0           | 23.37       | Peak     | 119.91         | 100         | Horizontal | Pass    |
| 1** | 2390.000        | 41.68            | -10.27      | 54.0           | 12.32       | AV       | 119.91         | 100         | Horizontal | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.15.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

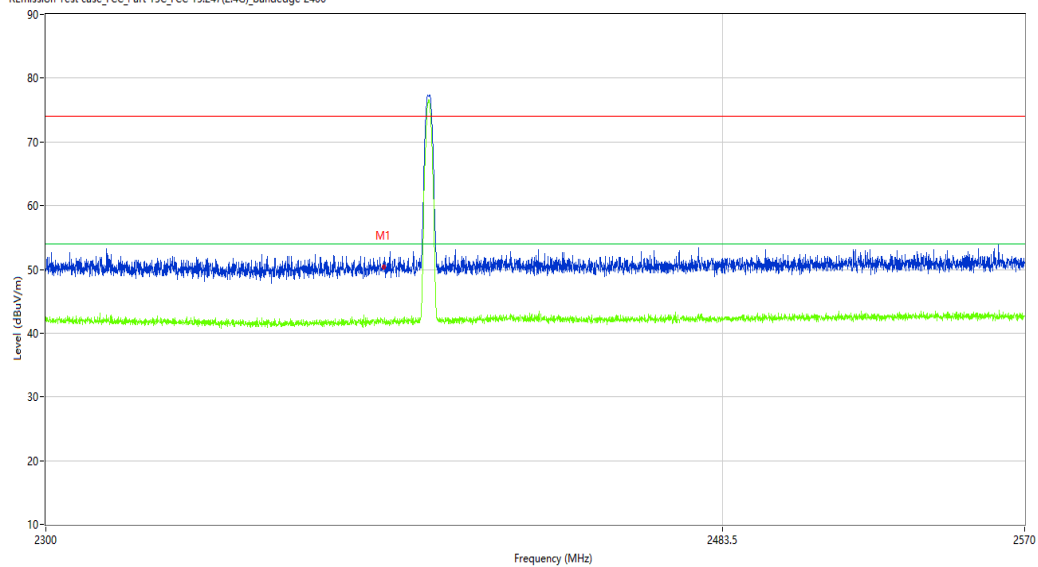
Temp.(oC): 24

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        | 50.33            | -10.27      | 74.0           | 23.67       | Peak     | 133.38         | 100         | Vertical | Pass    |
| 1** | 2390.000        | 42.16            | -10.27      | 54.0           | 11.84       | AV       | 133.38         | 100         | Vertical | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_11.20.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

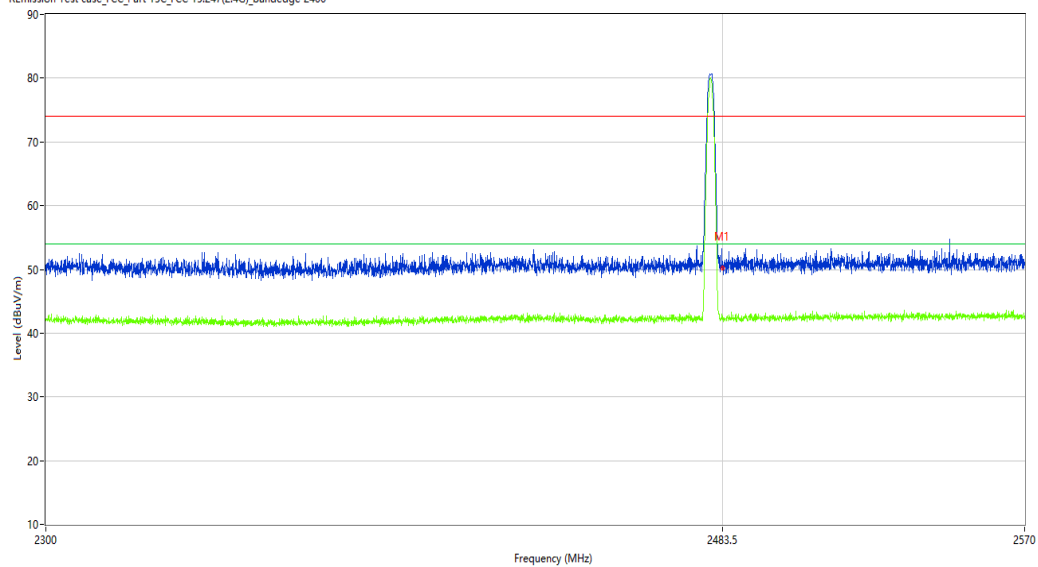
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(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        | 50.20            | -9.82       | 74.0           | 23.80       | Peak     | 183.81         | 100         | Horizontal | Pass    |
| 1** | 2483.500        | 42.40            | -9.82       | 54.0           | 11.60       | AV       | 183.81         | 100         | Horizontal | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.19.16

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

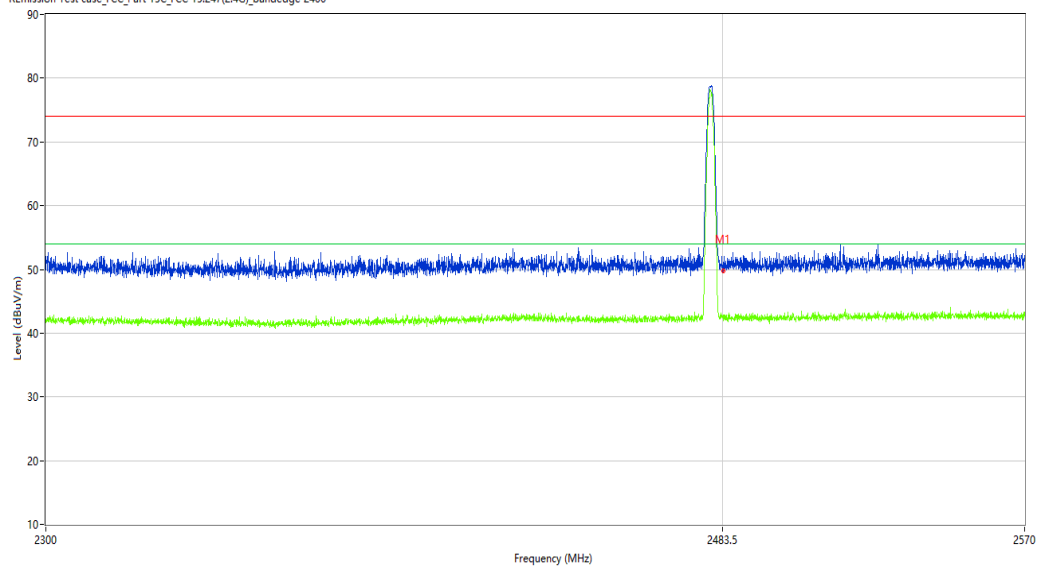
Temp.(oC): 24

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        | 49.85            | -9.82       | 74.0           | 24.15       | Peak     | 155.96         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 42.46            | -9.82       | 54.0           | 11.54       | AV       | 155.96         | 100         | Vertical | Pass    |

## USB Input:

BLE-2M-Horizontal-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_11.11.35

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

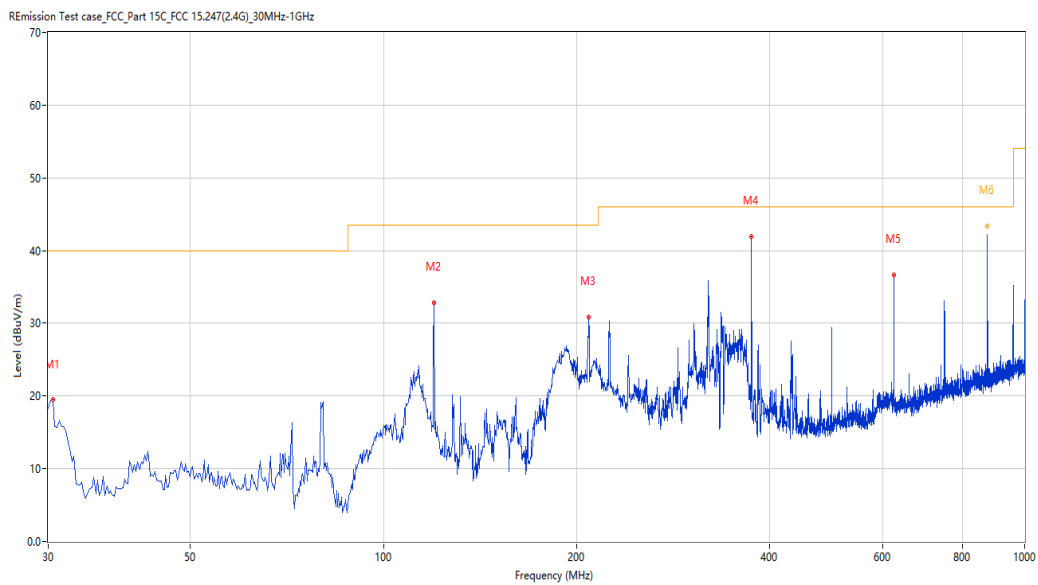
Work Addition: TX

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   | 30.485          | 19.45            | -28.57      | 40.0           | 20.55       | Peak     | 95.70          | 100         | Horizontal | Pass    |
| 2   | 119.945         | 32.84            | -27.36      | 43.5           | 10.66       | Peak     | 33.70          | 100         | Horizontal | Pass    |
| 3   | 209.163         | 30.83            | -25.64      | 43.5           | 12.67       | Peak     | 338.50         | 100         | Horizontal | Pass    |
| 4   | 374.991         | 41.98            | -20.63      | 46.0           | 4.02        | Peak     | 158.70         | 100         | Horizontal | Pass    |
| 5   | 624.946         | 36.61            | -14.10      | 46.0           | 9.39        | Peak     | 137.10         | 100         | Horizontal | Pass    |
| 6   | 875.005         | 45.40            | -9.44       | 46.0           | 0.60        | Peak     | 237.80         | 101         | Horizontal | Pass    |
| 6*  | 875.005         | 43.39            | -9.44       | 46.0           | 2.61        | QP       | 237.80         | 101         | Horizontal | Pass    |

## BLE-2M-Vertical-TX

### Test result

Project Number: Certification

Test Time: 2024-06-06\_10.15.09

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

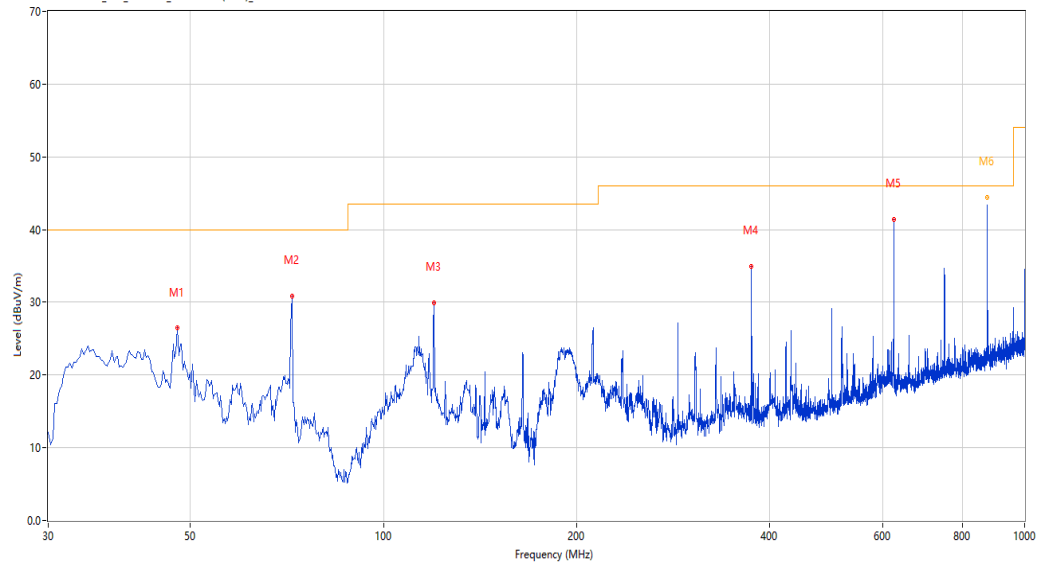
Temp.(oC): 24

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   | 47.698          | 26.43            | -24.08      | 40.0           | 13.57       | Peak     | 7.10           | 100         | Vertical | Pass    |
| 2   | 71.942          | 30.89            | -29.48      | 40.0           | 9.11        | Peak     | 169.90         | 100         | Vertical | Pass    |
| 3   | 119.945         | 29.99            | -27.36      | 43.5           | 13.51       | Peak     | 28.10          | 100         | Vertical | Pass    |
| 4   | 374.991         | 34.93            | -20.63      | 46.0           | 11.07       | Peak     | 321.80         | 100         | Vertical | Pass    |
| 5   | 624.946         | 41.42            | -14.10      | 46.0           | 4.58        | Peak     | 347.10         | 100         | Vertical | Pass    |
| 6*  | 875.005         | 44.44            | -9.44       | 46.0           | 1.56        | QP       | 153.50         | 117         | Vertical | Pass    |

## POE Input:

BLE-2M-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-06\_13.39.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

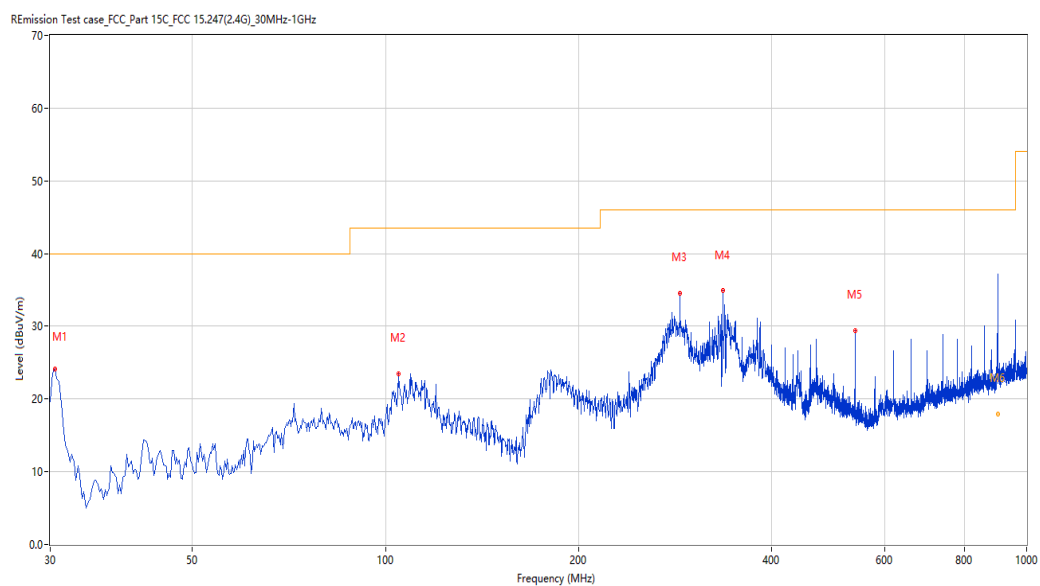
Work Addition: TX

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   | 30.485          | 24.11            | -28.57      | 40.0           | 15.89       | Peak     | 1.80           | 100         | Horizontal | Pass    |
| 2   | 104.671         | 23.44            | -25.49      | 43.5           | 20.06       | Peak     | 76.50          | 100         | Horizontal | Pass    |
| 3   | 287.956         | 34.56            | -22.62      | 46.0           | 11.44       | Peak     | 176.50         | 100         | Horizontal | Pass    |
| 4   | 335.959         | 34.88            | -20.79      | 46.0           | 11.12       | Peak     | 357.50         | 100         | Horizontal | Pass    |
| 5   | 540.092         | 29.38            | -16.22      | 46.0           | 16.62       | Peak     | 66.60          | 100         | Horizontal | Pass    |
| 6   | 902.543         | 24.40            | -9.01       | 46.0           | 21.60       | Peak     | 179.00         | 192         | Horizontal | Pass    |
| 6*  | 902.543         | 17.97            | -9.01       | 46.0           | 28.03       | QP       | 179.00         | 192         | Horizontal | Pass    |

## BLE-2M-Vertical-TX

# Test result

Project Number: Certification

Test Time: 2024-06-06\_11.35.38

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

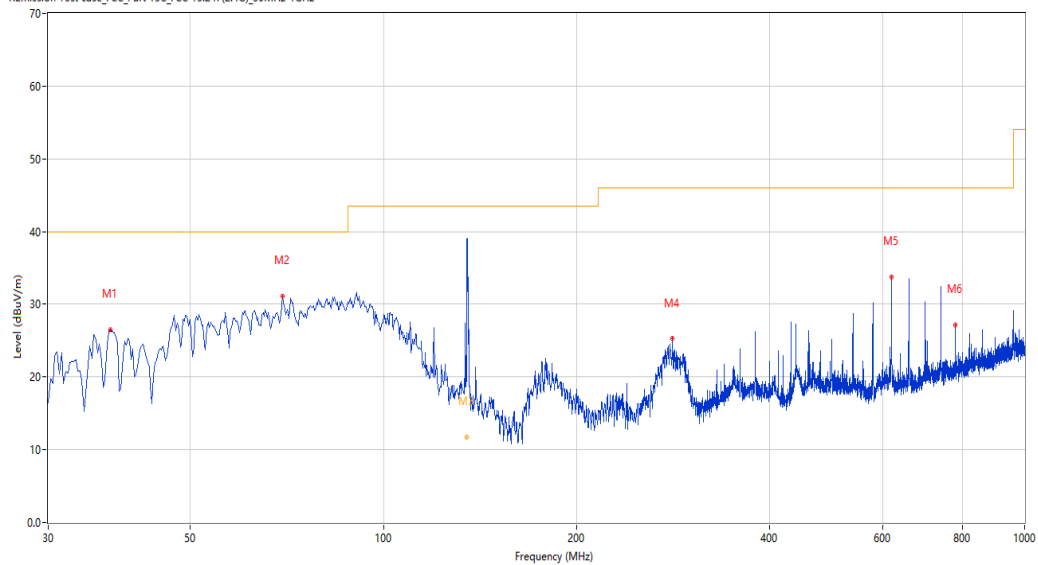
Temp.(oC): 24

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   | 37.516          | 26.51            | -26.29      | 40.0           | 13.49       | Peak     | 253.30         | 100         | Vertical | Pass    |
| 2   | 69.518          | 31.10            | -28.51      | 40.0           | 8.90        | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3   | 134.820         | 16.58            | -28.90      | 43.5           | 26.92       | Peak     | 29.80          | 150         | Vertical | Pass    |
| 3*  | 134.820         | 11.75            | -28.90      | 43.5           | 31.75       | QP       | 29.80          | 150         | Vertical | Pass    |
| 4   | 282.137         | 25.25            | -22.98      | 46.0           | 20.75       | Peak     | 23.40          | 100         | Vertical | Pass    |
| 5   | 619.855         | 33.71            | -13.59      | 46.0           | 12.29       | Peak     | 2.20           | 100         | Vertical | Pass    |
| 6   | 779.865         | 27.21            | -11.33      | 46.0           | 18.79       | Peak     | 248.10         | 100         | Vertical | Pass    |

1-18G

BLE-2M-Low channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2024-06-05\_10.50.10

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

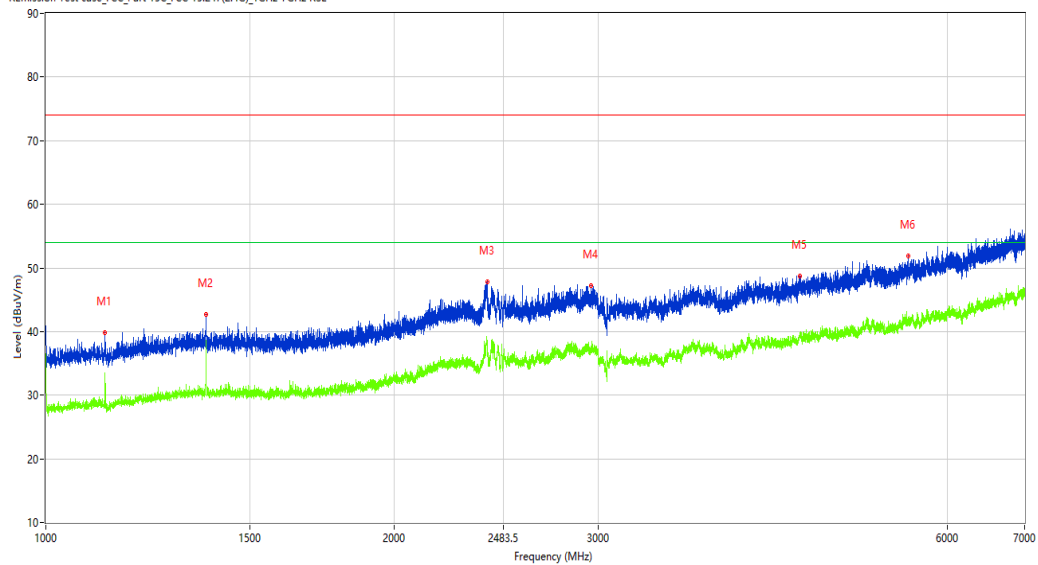
Temp.(oC): 24

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   | 1125.000        | 39.86            | -14.28      | 74.0           | 34.14       | Peak     | 198.50         | 100         | Horizontal | Pass    |
| 1** | 1125.000        | 33.48            | -14.28      | 54.0           | 20.52       | AV       | 198.50         | 100         | Horizontal | Pass    |
| 2   | 1375.000        | 42.73            | -12.81      | 74.0           | 31.27       | Peak     | 292.20         | 100         | Horizontal | Pass    |
| 2** | 1375.000        | 38.57            | -12.81      | 54.0           | 15.43       | AV       | 292.20         | 100         | Horizontal | Pass    |
| 3   | 2404.250        | 47.81            | -4.76       | 74.0           | 26.19       | Peak     | 213.40         | 100         | Horizontal | Pass    |
| 3** | 2404.250        | 37.51            | -4.76       | 54.0           | 16.49       | AV       | 213.40         | 100         | Horizontal | Pass    |
| 4   | 2954.500        | 47.15            | -3.91       | 74.0           | 26.85       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 4** | 2954.500        | 37.13            | -3.91       | 54.0           | 16.87       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 5   | 4477.500        | 48.76            | -1.44       | 74.0           | 25.24       | Peak     | 35.10          | 100         | Horizontal | Pass    |
| 5** | 4477.500        | 39.17            | -1.44       | 54.0           | 14.83       | AV       | 35.10          | 100         | Horizontal | Pass    |
| 6   | 5556.000        | 51.91            | 0.32        | 74.0           | 22.09       | Peak     | 347.40         | 100         | Horizontal | Pass    |
| 6** | 5556.000        | 42.03            | 0.32        | 54.0           | 11.97       | AV       | 347.40         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.25.42

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

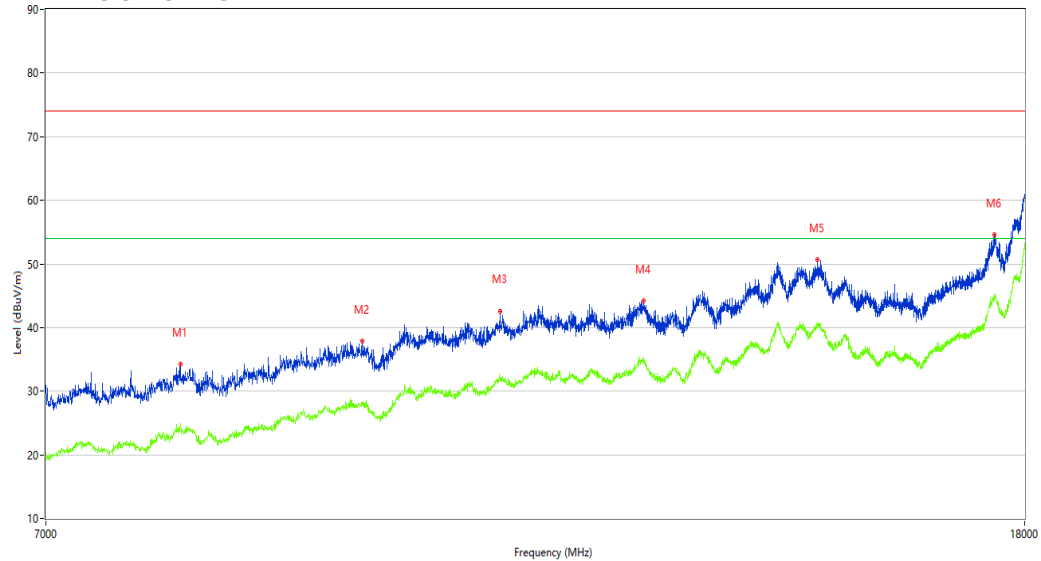
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 7970.750        | 34.23            | 2.86        | 74.0           | 39.77       | Peak     | 40.00          | 100         | Horizontal | Pass    |
| 1** | 7970.750        | 24.99            | 2.86        | 54.0           | 29.01       | AV       | 40.00          | 100         | Horizontal | Pass    |
| 2   | 9497.000        | 37.90            | 7.00        | 74.0           | 36.10       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 9497.000        | 28.38            | 7.00        | 54.0           | 25.62       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 10852.750       | 42.61            | 10.20       | 74.0           | 31.39       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 3** | 10852.750       | 32.19            | 10.20       | 54.0           | 21.81       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 4   | 12467.000       | 44.22            | 11.90       | 74.0           | 29.78       | Peak     | 248.90         | 100         | Horizontal | Pass    |
| 4** | 12467.000       | 34.58            | 11.90       | 54.0           | 19.42       | AV       | 248.90         | 100         | Horizontal | Pass    |
| 5   | 14738.500       | 50.66            | 17.68       | 74.0           | 23.34       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 14738.500       | 40.60            | 17.68       | 54.0           | 13.40       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 17483.000       | 54.61            | 21.70       | 74.0           | 19.39       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 17483.000       | 44.92            | 21.70       | 54.0           | 9.08        | AV       | 360.00         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.29.37

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

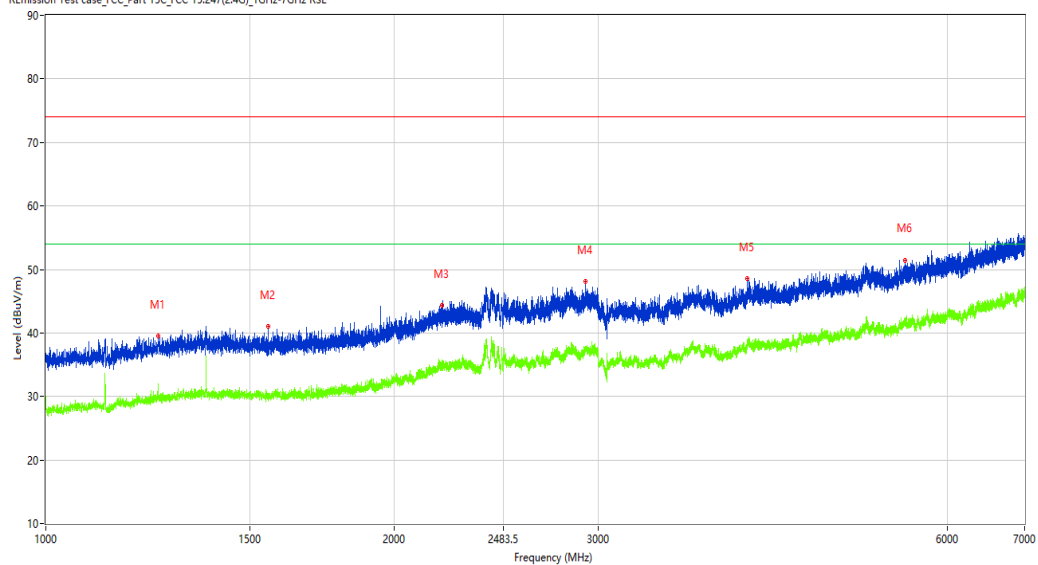
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case\_FCC\_Part 15C\_FCC 15.247(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   | 1249.750        | 39.46            | -13.36      | 74.0           | 34.54       | Peak     | 175.50         | 100         | Vertical | Pass    |
| 1** | 1249.750        | 30.96            | -13.36      | 54.0           | 23.04       | AV       | 175.50         | 100         | Vertical | Pass    |
| 2   | 1555.250        | 41.05            | -13.10      | 74.0           | 32.95       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 1555.250        | 30.45            | -13.10      | 54.0           | 23.55       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 2196.750        | 44.37            | -7.96       | 74.0           | 29.63       | Peak     | 346.90         | 100         | Vertical | Pass    |
| 3** | 2196.750        | 35.19            | -7.96       | 54.0           | 18.81       | AV       | 346.90         | 100         | Vertical | Pass    |
| 4   | 2924.250        | 48.06            | -4.63       | 74.0           | 25.94       | Peak     | 66.70          | 100         | Vertical | Pass    |
| 4** | 2924.250        | 37.30            | -4.63       | 54.0           | 16.70       | AV       | 66.70          | 100         | Vertical | Pass    |
| 5   | 4033.500        | 48.59            | -1.60       | 74.0           | 25.41       | Peak     | 64.50          | 100         | Vertical | Pass    |
| 5** | 4033.500        | 38.01            | -1.60       | 54.0           | 15.99       | AV       | 64.50          | 100         | Vertical | Pass    |
| 6   | 5521.000        | 51.50            | 0.50        | 74.0           | 22.50       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 6** | 5521.000        | 41.06            | 0.50        | 54.0           | 12.94       | AV       | 0.00           | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.30.52

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

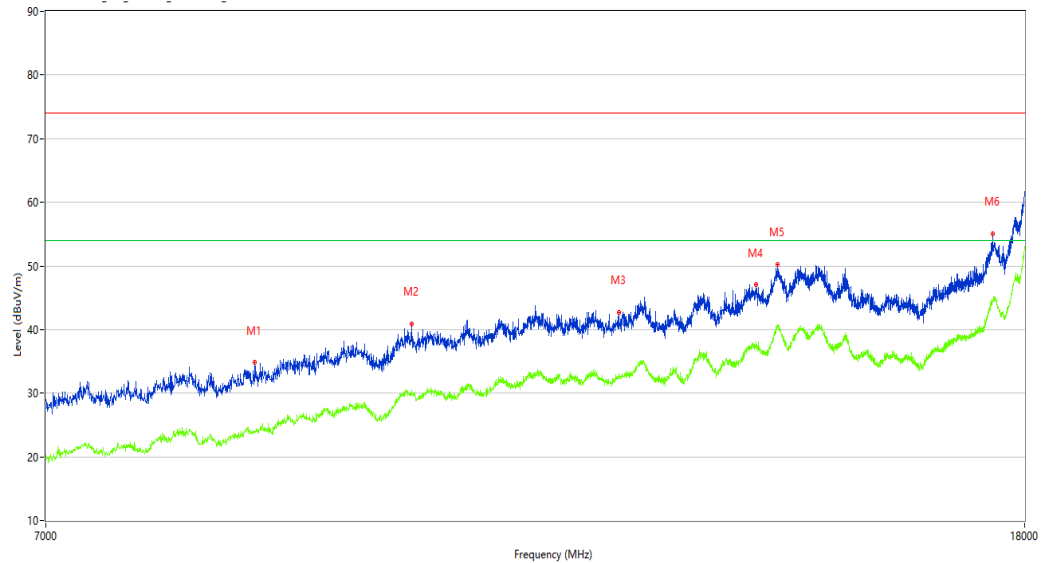
Temp.(oC): 24

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   | 8564.750        | 34.85            | 3.12        | 74.0           | 39.15       | Peak     | 200.60         | 100         | Vertical | Pass    |
| 1** | 8564.750        | 24.07            | 3.12        | 54.0           | 29.93       | AV       | 200.60         | 100         | Vertical | Pass    |
| 2   | 9961.750        | 40.96            | 8.67        | 74.0           | 33.04       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 9961.750        | 30.45            | 8.67        | 54.0           | 23.55       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 12170.000       | 42.76            | 10.74       | 74.0           | 31.24       | Peak     | 265.80         | 100         | Vertical | Pass    |
| 3** | 12170.000       | 32.72            | 10.74       | 54.0           | 21.28       | AV       | 265.80         | 100         | Vertical | Pass    |
| 4   | 13891.500       | 47.08            | 14.46       | 74.0           | 26.92       | Peak     | 321.70         | 100         | Vertical | Pass    |
| 4** | 13891.500       | 37.15            | 14.46       | 54.0           | 16.85       | AV       | 321.70         | 100         | Vertical | Pass    |
| 5   | 14185.750       | 50.29            | 18.59       | 74.0           | 23.71       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 14185.750       | 40.57            | 18.59       | 54.0           | 13.43       | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 17458.250       | 54.98            | 21.11       | 74.0           | 19.02       | Peak     | 214.80         | 100         | Vertical | Pass    |
| 6** | 17458.250       | 44.45            | 21.11       | 54.0           | 9.55        | AV       | 214.80         | 100         | Vertical | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.52.59

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

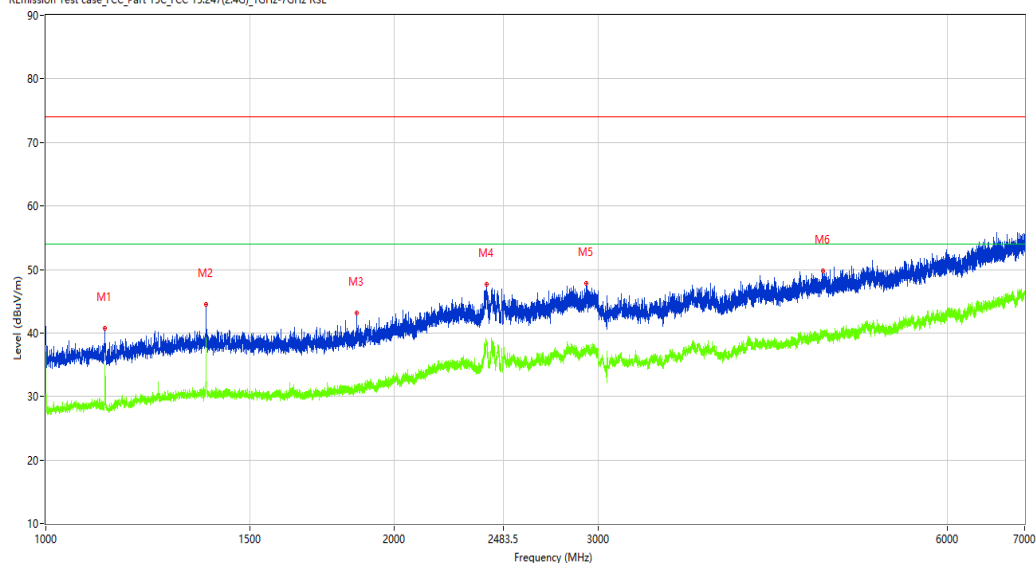
Test Standard: FCC

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   | 1125.000        | 40.68            | -14.28      | 74.0           | 33.32       | Peak     | 39.80          | 100         | Horizontal | Pass    |
| 1** | 1125.000        | 34.95            | -14.28      | 54.0           | 19.05       | AV       | 39.80          | 100         | Horizontal | Pass    |
| 2   | 1375.250        | 44.47            | -12.81      | 74.0           | 29.53       | Peak     | 233.50         | 100         | Horizontal | Pass    |
| 2** | 1375.250        | 38.52            | -12.81      | 54.0           | 15.48       | AV       | 233.50         | 100         | Horizontal | Pass    |
| 3   | 1854.750        | 43.11            | -12.15      | 74.0           | 30.89       | Peak     | 207.20         | 100         | Horizontal | Pass    |
| 3** | 1854.750        | 30.75            | -12.15      | 54.0           | 23.25       | AV       | 207.20         | 100         | Horizontal | Pass    |
| 4   | 2401.250        | 47.61            | -4.69       | 74.0           | 26.39       | Peak     | 284.80         | 100         | Horizontal | Pass    |
| 4** | 2401.250        | 38.56            | -4.69       | 54.0           | 15.44       | AV       | 284.80         | 100         | Horizontal | Pass    |
| 5   | 2927.250        | 47.83            | -4.67       | 74.0           | 26.17       | Peak     | 26.50          | 100         | Horizontal | Pass    |
| 5** | 2927.250        | 37.74            | -4.67       | 54.0           | 16.26       | AV       | 26.50          | 100         | Horizontal | Pass    |
| 6   | 4689.500        | 49.77            | -0.78       | 74.0           | 24.23       | Peak     | 73.10          | 100         | Horizontal | Pass    |
| 6** | 4689.500        | 39.81            | -0.78       | 54.0           | 14.19       | AV       | 73.10          | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.27.35

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        | 34.18            | 2.92        | 74.0           | 39.82       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 8515.250        | 23.97            | 2.92        | 54.0           | 30.03       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 10129.500       | 40.88            | 8.53        | 74.0           | 33.12       | Peak     | 95.40          | 100         | Horizontal | Pass    |
| 2** | 10129.500       | 30.24            | 8.53        | 54.0           | 23.76       | AV       | 95.40          | 100         | Horizontal | Pass    |
| 3   | 11576.001       | 43.32            | 10.66       | 74.0           | 30.68       | Peak     | 202.10         | 100         | Horizontal | Pass    |
| 3** | 11576.001       | 32.30            | 10.66       | 54.0           | 21.70       | AV       | 202.10         | 100         | Horizontal | Pass    |
| 4   | 13179.250       | 45.79            | 13.16       | 74.0           | 28.21       | Peak     | 95.40          | 100         | Horizontal | Pass    |
| 4** | 13179.250       | 35.91            | 13.16       | 54.0           | 18.09       | AV       | 95.40          | 100         | Horizontal | Pass    |
| 5   | 14779.750       | 51.14            | 17.76       | 74.0           | 22.86       | Peak     | 54.30          | 100         | Horizontal | Pass    |
| 5** | 14779.750       | 40.39            | 17.76       | 54.0           | 13.61       | AV       | 54.30          | 100         | Horizontal | Pass    |
| 6   | 17444.499       | 55.16            | 20.81       | 74.0           | 18.84       | Peak     | 229.00         | 100         | Horizontal | Pass    |
| 6** | 17444.499       | 43.97            | 20.81       | 54.0           | 10.03       | AV       | 229.00         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.27.26

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

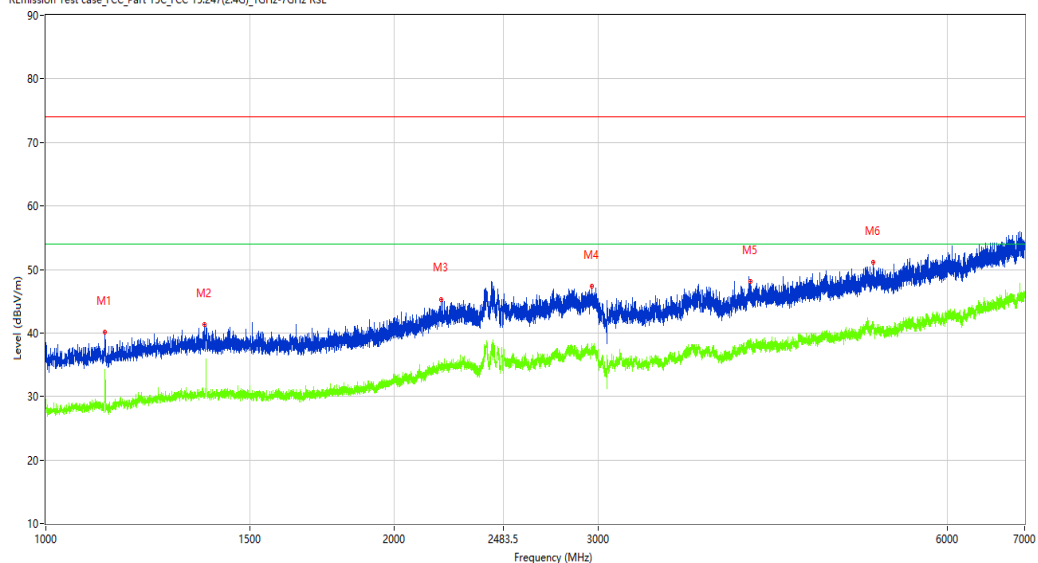
Test Standard: FCC

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   | 1125.250        | 40.07            | -14.28      | 74.0           | 33.93       | Peak     | 214.50         | 100         | Vertical | Pass    |
| 1** | 1125.250        | 33.46            | -14.28      | 54.0           | 20.54       | AV       | 214.50         | 100         | Vertical | Pass    |
| 2   | 1371.000        | 41.27            | -12.75      | 74.0           | 32.73       | Peak     | 46.80          | 100         | Vertical | Pass    |
| 2** | 1371.000        | 30.49            | -12.75      | 54.0           | 23.51       | AV       | 46.80          | 100         | Vertical | Pass    |
| 3   | 2194.250        | 45.32            | -7.96       | 74.0           | 28.68       | Peak     | 86.30          | 100         | Vertical | Pass    |
| 3** | 2194.250        | 34.64            | -7.96       | 54.0           | 19.36       | AV       | 86.30          | 100         | Vertical | Pass    |
| 4   | 2963.000        | 47.30            | -3.77       | 74.0           | 26.70       | Peak     | 110.70         | 100         | Vertical | Pass    |
| 4** | 2963.000        | 37.21            | -3.77       | 54.0           | 16.79       | AV       | 110.70         | 100         | Vertical | Pass    |
| 5   | 4059.000        | 48.12            | -1.39       | 74.0           | 25.88       | Peak     | 161.80         | 100         | Vertical | Pass    |
| 5** | 4059.000        | 39.01            | -1.39       | 54.0           | 14.99       | AV       | 161.80         | 100         | Vertical | Pass    |
| 6   | 5177.000        | 51.17            | 0.25        | 74.0           | 22.83       | Peak     | 161.80         | 100         | Vertical | Pass    |
| 6** | 5177.000        | 41.79            | 0.25        | 54.0           | 12.21       | AV       | 161.80         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.34.58

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

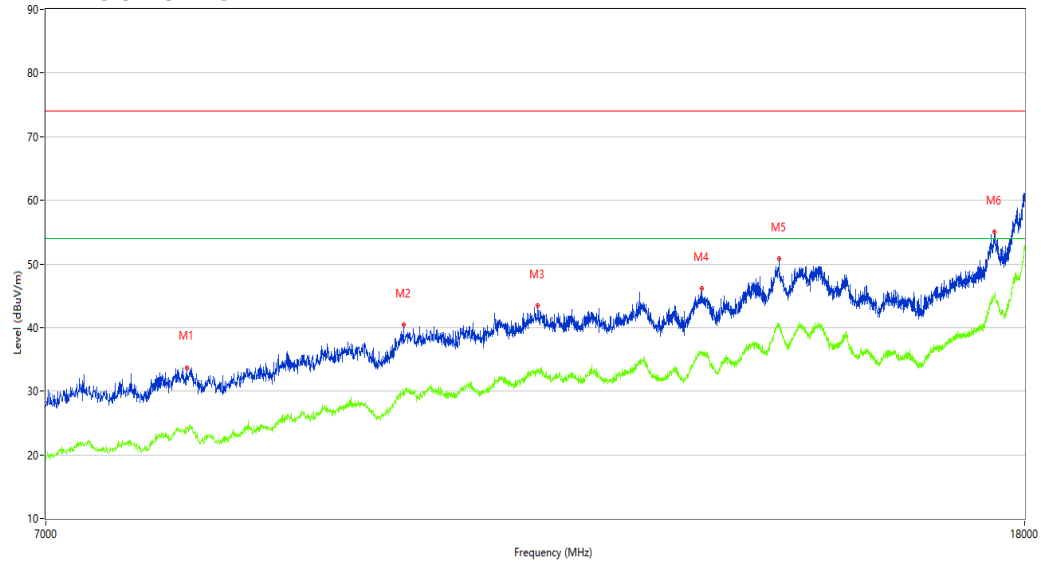
Temp.(oC): 24

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   | 8020.250        | 33.71            | 3.45        | 74.0           | 40.29       | Peak     | 81.30          | 100         | Vertical | Pass    |
| 1** | 8020.250        | 23.74            | 3.45        | 54.0           | 30.26       | AV       | 81.30          | 100         | Vertical | Pass    |
| 2   | 9887.500        | 40.40            | 8.55        | 74.0           | 33.60       | Peak     | 81.30          | 100         | Vertical | Pass    |
| 2** | 9887.500        | 29.52            | 8.55        | 54.0           | 24.48       | AV       | 81.30          | 100         | Vertical | Pass    |
| 3   | 11254.250       | 43.49            | 11.10       | 74.0           | 30.51       | Peak     | 120.80         | 100         | Vertical | Pass    |
| 3** | 11254.250       | 33.08            | 11.10       | 54.0           | 20.92       | AV       | 120.80         | 100         | Vertical | Pass    |
| 4   | 13182.000       | 46.18            | 13.17       | 74.0           | 27.82       | Peak     | 210.50         | 100         | Vertical | Pass    |
| 4** | 13182.000       | 35.78            | 13.17       | 54.0           | 18.22       | AV       | 210.50         | 100         | Vertical | Pass    |
| 5   | 14205.000       | 50.77            | 18.30       | 74.0           | 23.23       | Peak     | 120.80         | 100         | Vertical | Pass    |
| 5** | 14205.000       | 40.53            | 18.30       | 54.0           | 13.47       | AV       | 120.80         | 100         | Vertical | Pass    |
| 6   | 17483.000       | 55.01            | 21.70       | 74.0           | 18.99       | Peak     | 120.80         | 100         | Vertical | Pass    |
| 6** | 17483.000       | 45.07            | 21.70       | 54.0           | 8.93        | AV       | 120.80         | 100         | Vertical | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.55.40

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

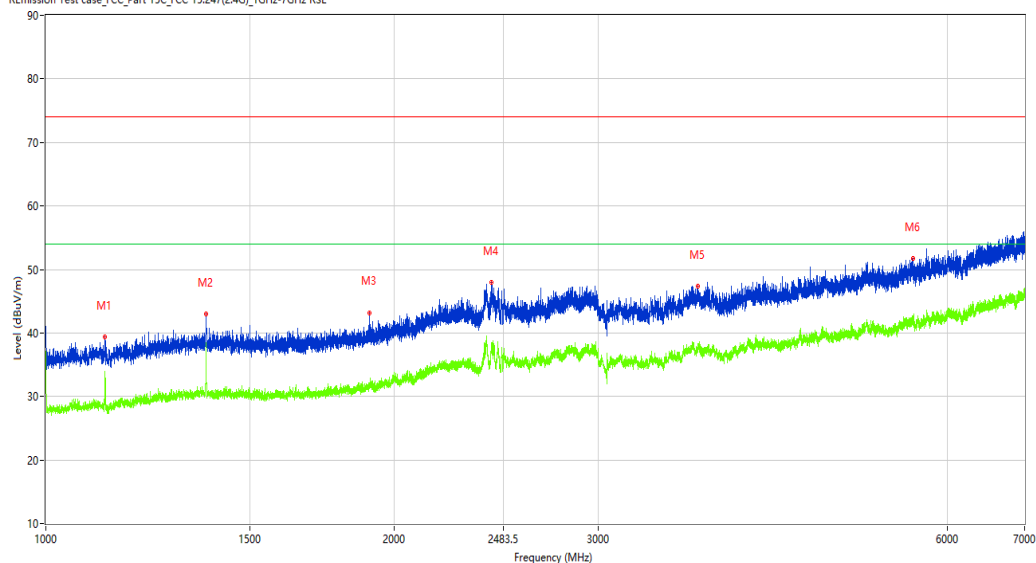
Test Standard: FCC

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   | 1125.250        | 39.30            | -14.28      | 74.0           | 34.70       | Peak     | 226.80         | 100         | Horizontal | Pass    |
| 1** | 1125.250        | 34.00            | -14.28      | 54.0           | 20.00       | AV       | 226.80         | 100         | Horizontal | Pass    |
| 2   | 1374.750        | 43.01            | -12.81      | 74.0           | 30.99       | Peak     | 226.80         | 100         | Horizontal | Pass    |
| 2** | 1374.750        | 38.38            | -12.81      | 54.0           | 15.62       | AV       | 226.80         | 100         | Horizontal | Pass    |
| 3   | 1903.500        | 43.20            | -11.72      | 74.0           | 30.80       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 3** | 1903.500        | 31.72            | -11.72      | 54.0           | 22.28       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 4   | 2426.250        | 48.00            | -5.19       | 74.0           | 26.00       | Peak     | 137.10         | 100         | Horizontal | Pass    |
| 4** | 2426.250        | 37.71            | -5.19       | 54.0           | 16.29       | AV       | 137.10         | 100         | Horizontal | Pass    |
| 5   | 3654.500        | 47.37            | -2.22       | 74.0           | 26.63       | Peak     | 75.90          | 100         | Horizontal | Pass    |
| 5** | 3654.500        | 38.18            | -2.22       | 54.0           | 15.82       | AV       | 75.90          | 100         | Horizontal | Pass    |
| 6   | 5605.000        | 51.76            | 0.78        | 74.0           | 22.24       | Peak     | 37.30          | 100         | Horizontal | Pass    |
| 6** | 5605.000        | 41.48            | 0.78        | 54.0           | 12.52       | AV       | 37.30          | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.29.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

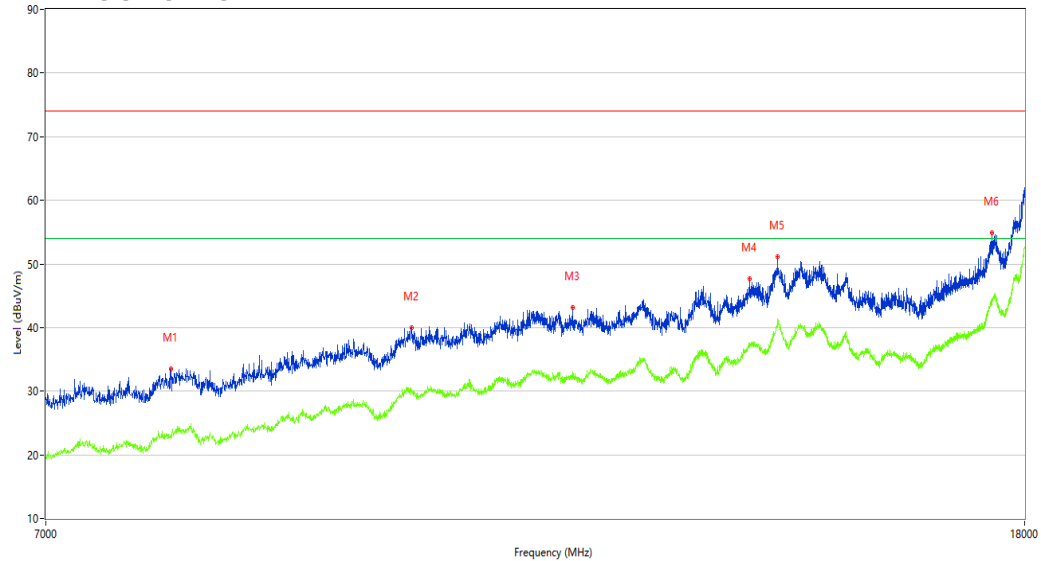
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 7896.500        | 33.53            | 1.92        | 74.0           | 40.47       | Peak     | 314.80         | 100         | Horizontal | Pass    |
| 1** | 7896.500        | 22.90            | 1.92        | 54.0           | 31.10       | AV       | 314.80         | 100         | Horizontal | Pass    |
| 2   | 9967.250        | 39.93            | 8.63        | 74.0           | 34.07       | Peak     | 359.70         | 100         | Horizontal | Pass    |
| 2** | 9967.250        | 29.85            | 8.63        | 54.0           | 24.15       | AV       | 359.70         | 100         | Horizontal | Pass    |
| 3   | 11636.500       | 43.13            | 10.37       | 74.0           | 30.87       | Peak     | 263.20         | 100         | Horizontal | Pass    |
| 3** | 11636.500       | 33.07            | 10.37       | 54.0           | 20.93       | AV       | 263.20         | 100         | Horizontal | Pass    |
| 4   | 13806.250       | 47.63            | 13.99       | 74.0           | 26.37       | Peak     | 158.10         | 100         | Horizontal | Pass    |
| 4** | 13806.250       | 37.12            | 13.99       | 54.0           | 16.88       | AV       | 158.10         | 100         | Horizontal | Pass    |
| 5   | 14180.250       | 51.15            | 18.41       | 74.0           | 22.85       | Peak     | 105.80         | 100         | Horizontal | Pass    |
| 5** | 14180.250       | 41.34            | 18.41       | 54.0           | 12.66       | AV       | 105.80         | 100         | Horizontal | Pass    |
| 6   | 17447.250       | 54.88            | 20.86       | 74.0           | 19.12       | Peak     | 359.70         | 100         | Horizontal | Pass    |
| 6** | 17447.250       | 43.94            | 20.86       | 54.0           | 10.06       | AV       | 359.70         | 100         | Horizontal | Pass    |

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

### Test result

Project Number: Certification

Test Time: 2024-06-05\_10.24.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

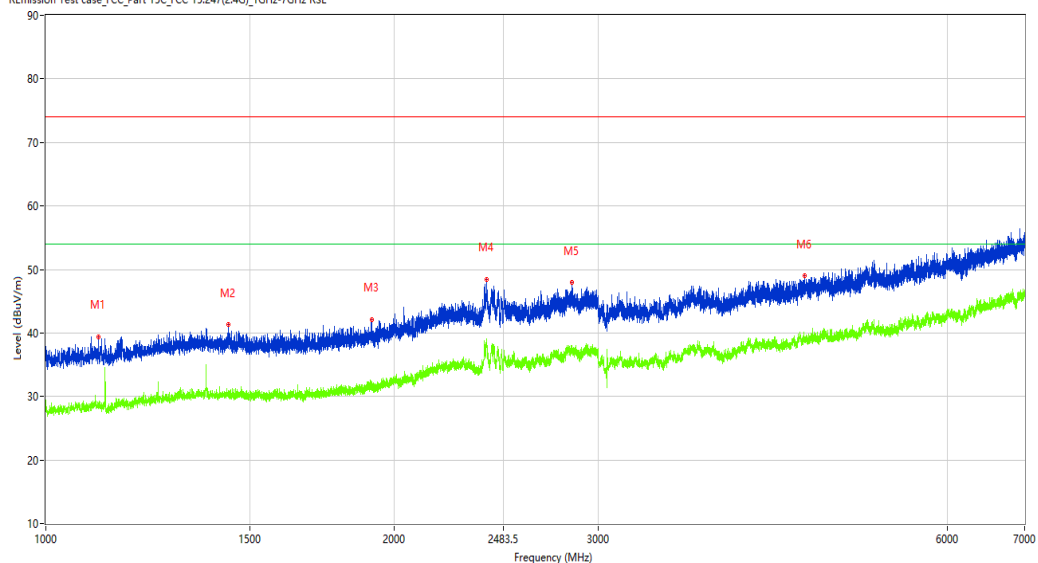
Test Standard: FCC

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   | 1110.500        | 39.44            | -14.12      | 74.0           | 34.56       | Peak     | 98.00          | 100         | Vertical | Pass    |
| 1** | 1110.500        | 28.63            | -14.12      | 54.0           | 25.37       | AV       | 98.00          | 100         | Vertical | Pass    |
| 2   | 1436.500        | 41.36            | -12.65      | 74.0           | 32.64       | Peak     | 292.90         | 100         | Vertical | Pass    |
| 2** | 1436.500        | 30.58            | -12.65      | 54.0           | 23.42       | AV       | 292.90         | 100         | Vertical | Pass    |
| 3   | 1912.000        | 42.17            | -11.64      | 74.0           | 31.83       | Peak     | 173.40         | 100         | Vertical | Pass    |
| 3** | 1912.000        | 31.59            | -11.64      | 54.0           | 22.41       | AV       | 173.40         | 100         | Vertical | Pass    |
| 4   | 2403.250        | 48.47            | -4.73       | 74.0           | 25.53       | Peak     | 111.00         | 100         | Vertical | Pass    |
| 4** | 2403.250        | 37.95            | -4.73       | 54.0           | 16.05       | AV       | 111.00         | 100         | Vertical | Pass    |
| 5   | 2844.000        | 47.92            | -4.29       | 74.0           | 26.08       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 2844.000        | 36.95            | -4.29       | 54.0           | 17.05       | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 4523.000        | 49.00            | -0.95       | 74.0           | 25.00       | Peak     | 359.00         | 100         | Vertical | Pass    |
| 6** | 4523.000        | 39.01            | -0.95       | 54.0           | 14.99       | AV       | 359.00         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2024-06-03\_19.36.26

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

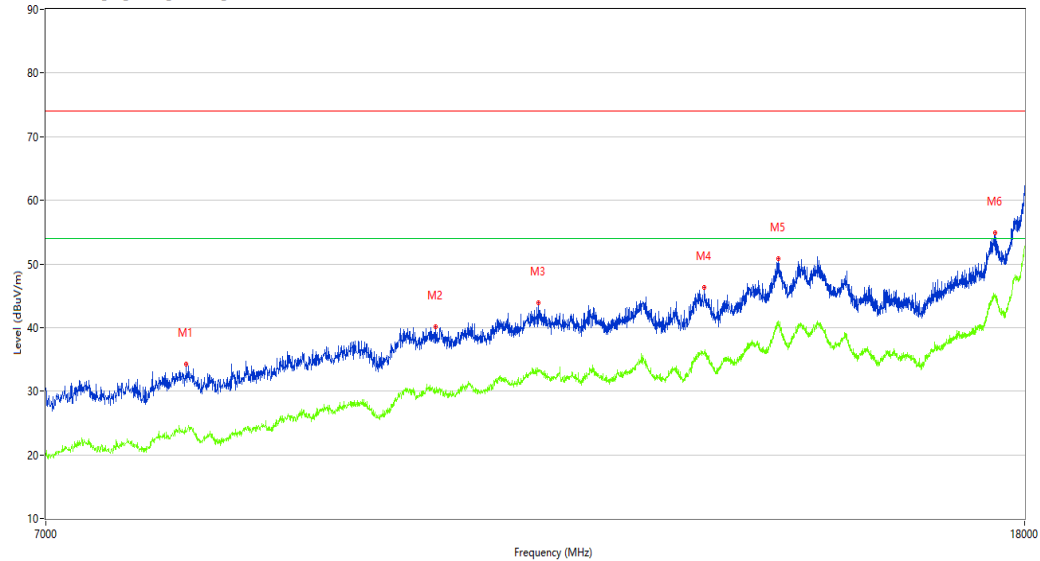
Temp.(oC): 24

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   | 8014.750        | 34.25            | 3.36        | 74.0           | 39.75       | Peak     | 101.30         | 100         | Vertical | Pass    |
| 1** | 8014.750        | 23.59            | 3.36        | 54.0           | 30.41       | AV       | 101.30         | 100         | Vertical | Pass    |
| 2   | 10195.500       | 40.15            | 8.30        | 74.0           | 33.85       | Peak     | 190.00         | 100         | Vertical | Pass    |
| 2** | 10195.500       | 30.03            | 8.30        | 54.0           | 23.97       | AV       | 190.00         | 100         | Vertical | Pass    |
| 3   | 11262.500       | 43.91            | 11.22       | 74.0           | 30.09       | Peak     | 28.40          | 100         | Vertical | Pass    |
| 3** | 11262.500       | 33.19            | 11.22       | 54.0           | 20.81       | AV       | 28.40          | 100         | Vertical | Pass    |
| 4   | 13217.750       | 46.26            | 13.26       | 74.0           | 27.74       | Peak     | 190.00         | 100         | Vertical | Pass    |
| 4** | 13217.750       | 36.18            | 13.26       | 54.0           | 17.82       | AV       | 190.00         | 100         | Vertical | Pass    |
| 5   | 14188.500       | 50.85            | 18.65       | 74.0           | 23.15       | Peak     | 28.40          | 100         | Vertical | Pass    |
| 5** | 14188.500       | 41.06            | 18.65       | 54.0           | 12.94       | AV       | 28.40          | 100         | Vertical | Pass    |
| 6   | 17496.750       | 54.92            | 21.54       | 74.0           | 19.08       | Peak     | 101.30         | 100         | Vertical | Pass    |
| 6** | 17496.750       | 44.68            | 21.54       | 54.0           | 9.32        | AV       | 101.30         | 100         | Vertical | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.59.49

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

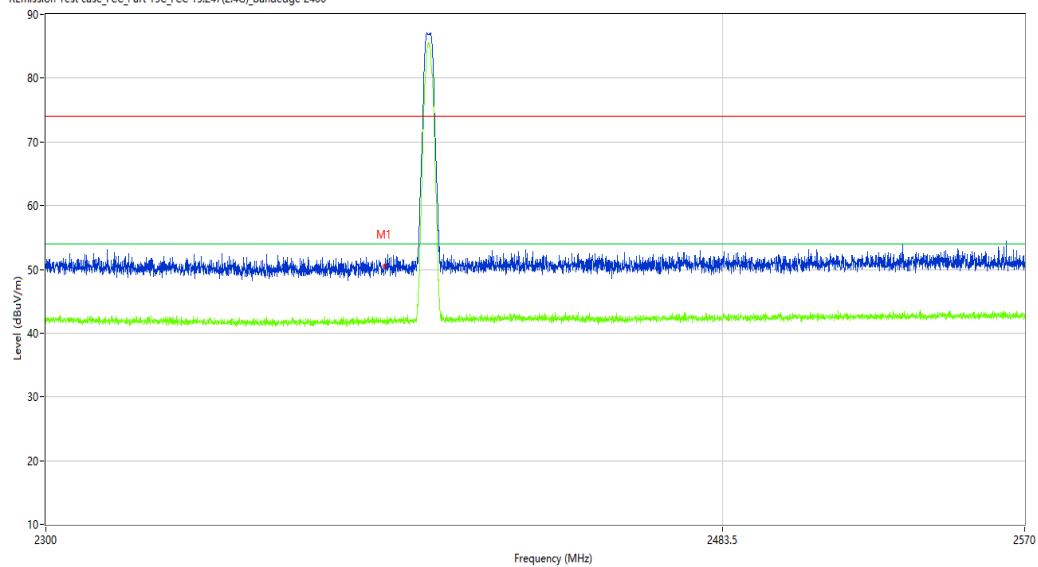
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

R Emission 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        | 50.56            | -10.27      | 74.0           | 23.44       | Peak     | 100.50         | 100         | Horizontal | Pass    |
| 1** | 2390.000        | 42.03            | -10.27      | 54.0           | 11.97       | AV       | 100.50         | 100         | Horizontal | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.21.02

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

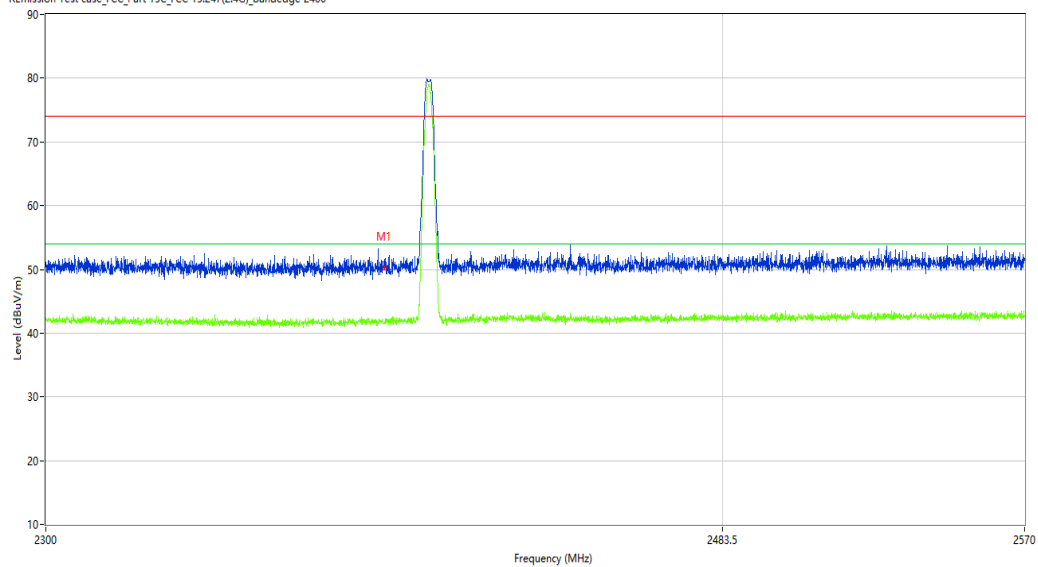
Temp.(oC): 24

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        | 50.18            | -10.27      | 74.0           | 23.82       | Peak     | 321.30         | 100         | Vertical | Pass    |
| 1** | 2390.000        | 41.53            | -10.27      | 54.0           | 12.47       | AV       | 321.30         | 100         | Vertical | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.57.53

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

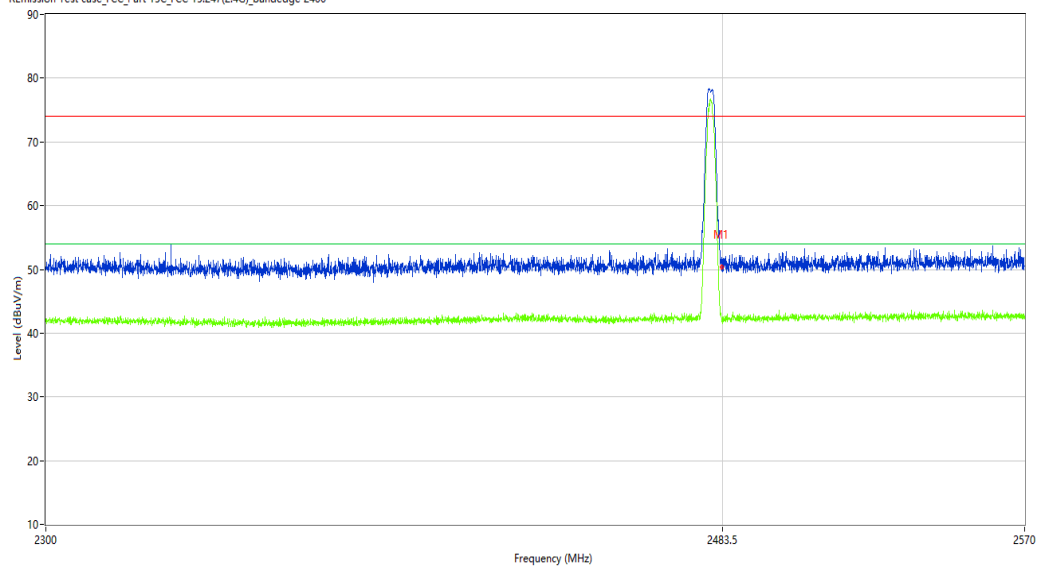
Temp.(oC): 24

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        | 50.45            | -9.82       | 74.0           | 23.55       | Peak     | 211.11         | 100         | Horizontal | Pass    |
| 1** | 2483.500        | 42.05            | -9.82       | 54.0           | 11.95       | AV       | 211.11         | 100         | Horizontal | Pass    |

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

# Test result

Project Number: Certification

Test Time: 2024-06-05\_10.22.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

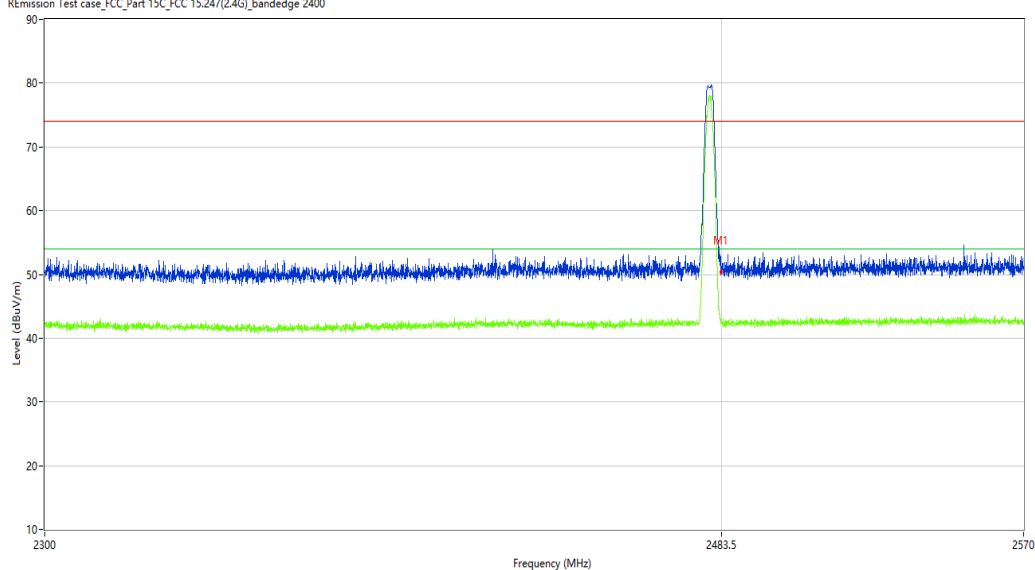
Temp.(oC): 24

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        | 50.57            | -9.82       | 74.0           | 23.43       | Peak     | 255.40         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 42.40            | -9.82       | 54.0           | 11.60       | AV       | 255.40         | 100         | Vertical | Pass    |