

## EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

report number :SHE19100015-01CE

Note : Transmit frequency is ignore ,mark →

30M-1G

WIFI2.4G- Horizontal-TX

### Test result

Project Number: Certification

Test Time: 2019-11-20\_11.27.24

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

Test Engineer: LB

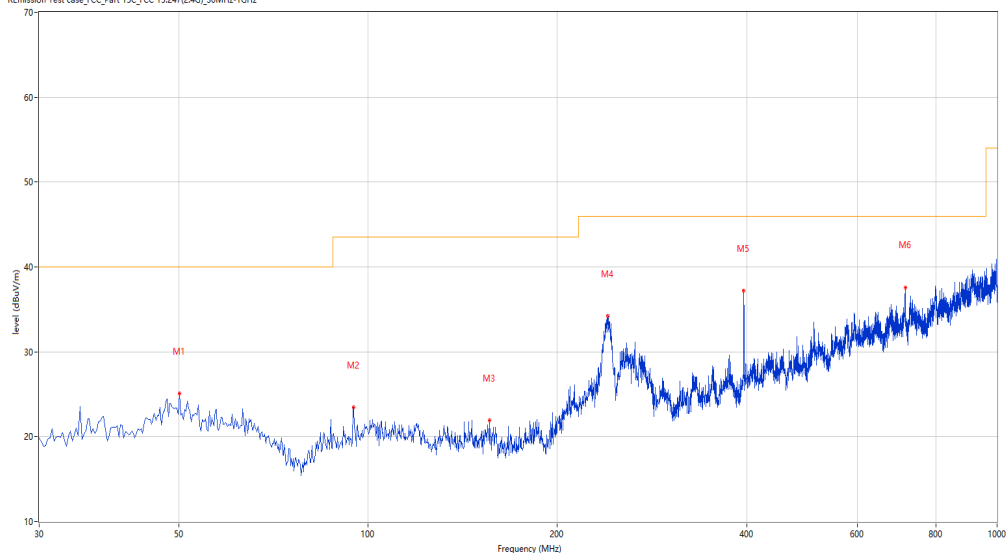
Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: "DR-RSE01-E19100015-01#02

REmission Test case\_FCC\_Part 15C\_FCC 15.247(Z&S)\_30MHz-1GHz



| No. | Frequency<br>(MHz) | Results<br>(dBuV/m) | Factor<br>(dB) | Limit<br>(dBuV/m) | Over Limit<br>(dB) | Detector | Table<br>(Degree) | Height<br>(cm) | Antenna    | Verdict |
|-----|--------------------|---------------------|----------------|-------------------|--------------------|----------|-------------------|----------------|------------|---------|
| 1   | 50.122             | 25.06               | -24.25         | 40.0              | -14.94             | Peak     | 97.20             | 100            | Horizontal | Pass    |
| 2   | 94.974             | 23.48               | -27.01         | 43.5              | -20.02             | Peak     | 140.40            | 100            | Horizontal | Pass    |
| 3   | 156.068            | 21.92               | -27.43         | 43.5              | -21.58             | Peak     | 340.60            | 100            | Horizontal | Pass    |
| 4   | 240.437            | 34.17               | -24.51         | 46.0              | -11.83             | Peak     | 44.80             | 100            | Horizontal | Pass    |
| 5   | 395.841            | 37.18               | -21.20         | 46.0              | -8.82              | Peak     | 175.40            | 100            | Horizontal | Pass    |
| 6   | 714.406            | 37.59               | -14.02         | 46.0              | -8.41              | Peak     | 360.00            | 100            | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-20\_11.24.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

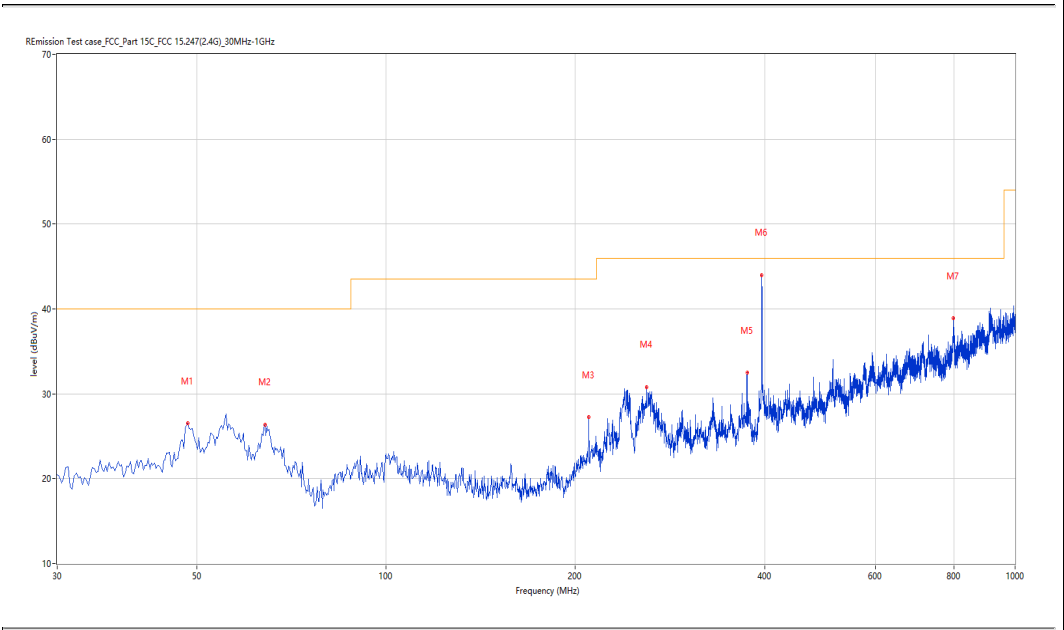
Test Engineer: LB

Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: "DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 48.425          | 26.53            | -23.76      | 40.0           | -13.47          | Peak     | 329.00         | 100         | Vertical | Pass    |
| 2   | 64.184          | 26.37            | -25.86      | 40.0           | -13.63          | Peak     | 76.70          | 100         | Vertical | Pass    |
| 3   | 210.132         | 27.24            | -25.74      | 43.5           | -16.26          | Peak     | 350.60         | 100         | Vertical | Pass    |
| 4   | 259.590         | 30.81            | -25.36      | 46.0           | -15.19          | Peak     | 359.60         | 100         | Vertical | Pass    |
| 5   | 374.991         | 32.51            | -21.63      | 46.0           | -13.49          | Peak     | 346.10         | 100         | Vertical | Pass    |
| 6   | 395.841         | 44.02            | -21.20      | 46.0           | -1.98           | Peak     | 356.70         | 100         | Vertical | Pass    |
| 7   | 798.533         | 38.87            | -11.67      | 46.0           | -7.13           | Peak     | 346.10         | 100         | Vertical | Pass    |

1-18G

WIFI2.4G-B- Low channel-Horizontal-TX

# Test result

Project Number: Certification

Test Time: 2019-11-15\_18.54.50

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

Test Engineer: LB

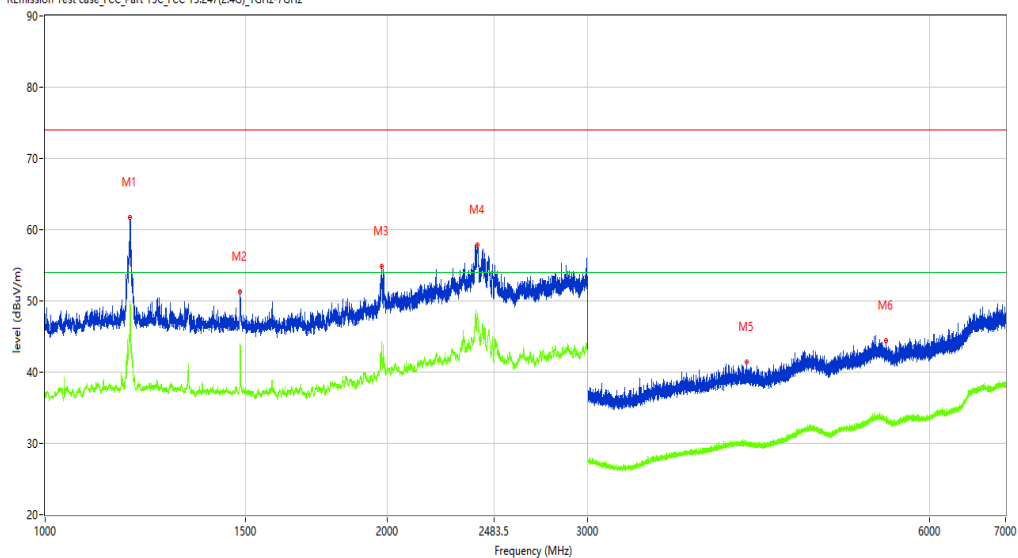
Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.477        | 61.68            | -3.93       | 74.0           | -12.32          | Peak     | 126.30         | 100         | Horizontal | Pass    |
| 1** | 1187.477        | 49.74            | -3.93       | 54.0           | -4.26           | AV       | 126.30         | 100         | Horizontal | Pass    |
| 2   | 1484.439        | 51.24            | -5.10       | 74.0           | -22.76          | Peak     | 88.80          | 100         | Horizontal | Pass    |
| 2** | 1484.439        | 42.89            | -5.10       | 54.0           | -11.11          | AV       | 88.80          | 100         | Horizontal | Pass    |
| 3   | 1978.378        | 54.80            | -2.27       | 74.0           | -19.20          | Peak     | 140.90         | 100         | Horizontal | Pass    |
| 3** | 1978.378        | 43.09            | -2.27       | 54.0           | -10.91          | AV       | 140.90         | 100         | Horizontal | Pass    |
| 4   | 2402.075        | 57.84            | 5.29        | 74.0           | -16.16          | Peak     | 107.40         | 100         | Horizontal | Pass    |
| 4** | 2402.075        | 48.04            | 5.29        | 54.0           | -5.96           | AV       | 107.40         | 100         | Horizontal | Pass    |
| 5   | 4140.857        | 41.44            | -0.04       | 74.0           | -32.56          | Peak     | 69.20          | 100         | Horizontal | Pass    |
| 5** | 4140.857        | 29.65            | -0.04       | 54.0           | -24.35          | AV       | 69.20          | 100         | Horizontal | Pass    |
| 6   | 5490.689        | 44.44            | 1.73        | 74.0           | -29.56          | Peak     | 5.80           | 100         | Horizontal | Pass    |
| 6** | 5490.689        | 33.51            | 1.73        | 54.0           | -20.49          | AV       | 5.80           | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.14.55

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

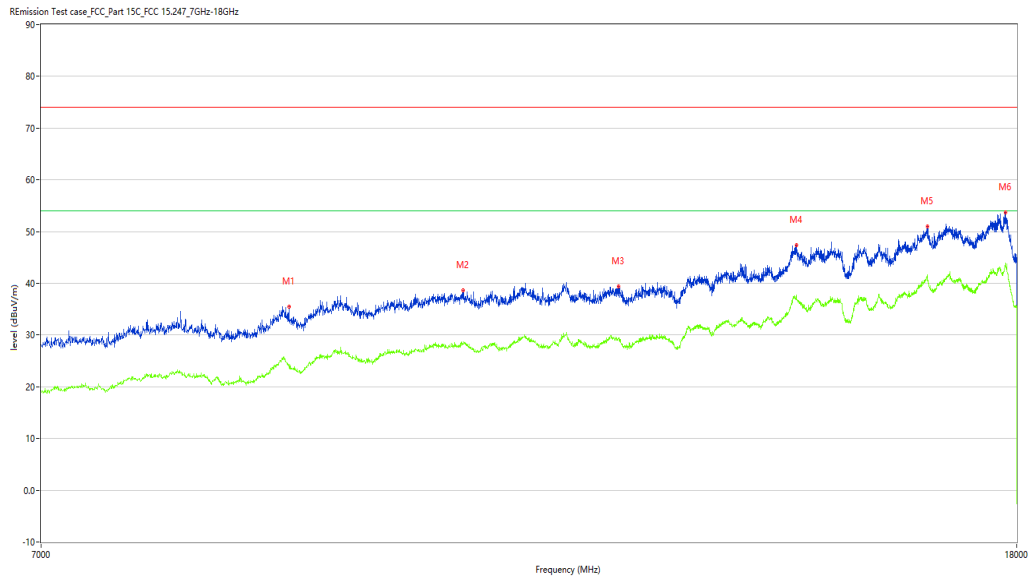
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 8897.026        | 35.51            | -26.45      | 74.0           | -38.49          | Peak     | 317.10         | 100         | Horizontal | Pass    |
| 1** | 8897.026        | 24.00            | -26.45      | 54.0           | -30.00          | AV       | 317.10         | 100         | Horizontal | Pass    |
| 2   | 10532.867       | 38.57            | -23.09      | 74.0           | -35.43          | Peak     | 65.20          | 100         | Horizontal | Pass    |
| 2** | 10532.867       | 28.27            | -23.09      | 54.0           | -25.73          | AV       | 65.20          | 100         | Horizontal | Pass    |
| 3   | 12242.939       | 39.39            | -21.94      | 74.0           | -34.61          | Peak     | 201.00         | 100         | Horizontal | Pass    |
| 3** | 12242.939       | 29.41            | -21.94      | 54.0           | -24.59          | AV       | 201.00         | 100         | Horizontal | Pass    |
| 4   | 14541.365       | 47.33            | -16.05      | 74.0           | -26.67          | Peak     | 79.30          | 100         | Horizontal | Pass    |
| 4** | 14541.365       | 37.76            | -16.05      | 54.0           | -16.24          | AV       | 79.30          | 100         | Horizontal | Pass    |
| 5   | 16504.374       | 50.96            | -12.36      | 74.0           | -23.04          | Peak     | 312.70         | 100         | Horizontal | Pass    |
| 5** | 16504.374       | 41.59            | -12.36      | 54.0           | -12.41          | AV       | 312.70         | 100         | Horizontal | Pass    |
| 6   | 17802.049       | 53.74            | -10.98      | 74.0           | -20.26          | Peak     | 336.10         | 100         | Horizontal | Pass    |
| 6** | 17802.049       | 43.25            | -10.98      | 54.0           | -10.75          | AV       | 336.10         | 100         | Horizontal | Pass    |

# WIFI2.4G-B-Low channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_18.59.44

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

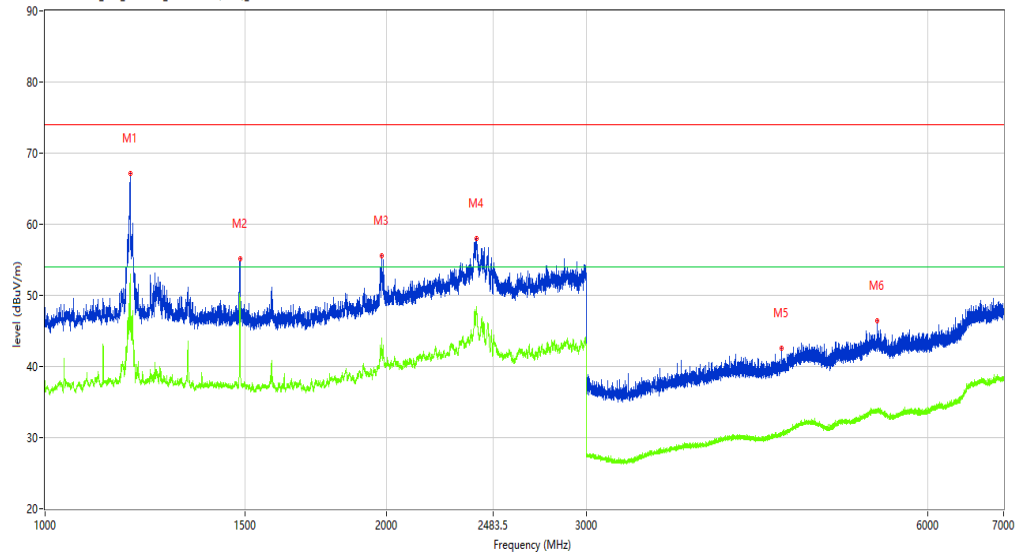
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.476        | 67.16            | -3.82       | 74.0           | -6.84           | Peak     | 87.20          | 100         | Vertical | Pass    |
| 1** | 1188.476        | 53.03            | -3.82       | 54.0           | -0.97           | AV       | 87.20          | 100         | Vertical | Pass    |
| 2   | 1485.439        | 55.20            | -5.12       | 74.0           | -18.80          | Peak     | 170.90         | 100         | Vertical | Pass    |
| 2** | 1485.439        | 47.46            | -5.12       | 54.0           | -6.54           | AV       | 170.90         | 100         | Vertical | Pass    |
| 3   | 1980.377        | 55.51            | -2.56       | 74.0           | -18.49          | Peak     | 189.10         | 100         | Vertical | Pass    |
| 3** | 1980.377        | 43.95            | -2.56       | 54.0           | -10.05          | AV       | 189.10         | 100         | Vertical | Pass    |
| 4   | 2401.325        | 58.05            | 5.32        | 74.0           | -15.95          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 4** | 2401.325        | 47.98            | 5.32        | 54.0           | -6.02           | AV       | 360.00         | 100         | Vertical | Pass    |
| 5   | 4461.317        | 42.54            | 0.61        | 74.0           | -31.46          | Peak     | 253.40         | 100         | Vertical | Pass    |
| 5** | 4461.317        | 30.41            | 0.61        | 54.0           | -23.59          | AV       | 253.40         | 100         | Vertical | Pass    |
| 6   | 5418.698        | 46.39            | 1.52        | 74.0           | -27.61          | Peak     | 28.60          | 100         | Vertical | Pass    |
| 6** | 5418.698        | 33.65            | 1.52        | 54.0           | -20.35          | AV       | 28.60          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.33.18

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

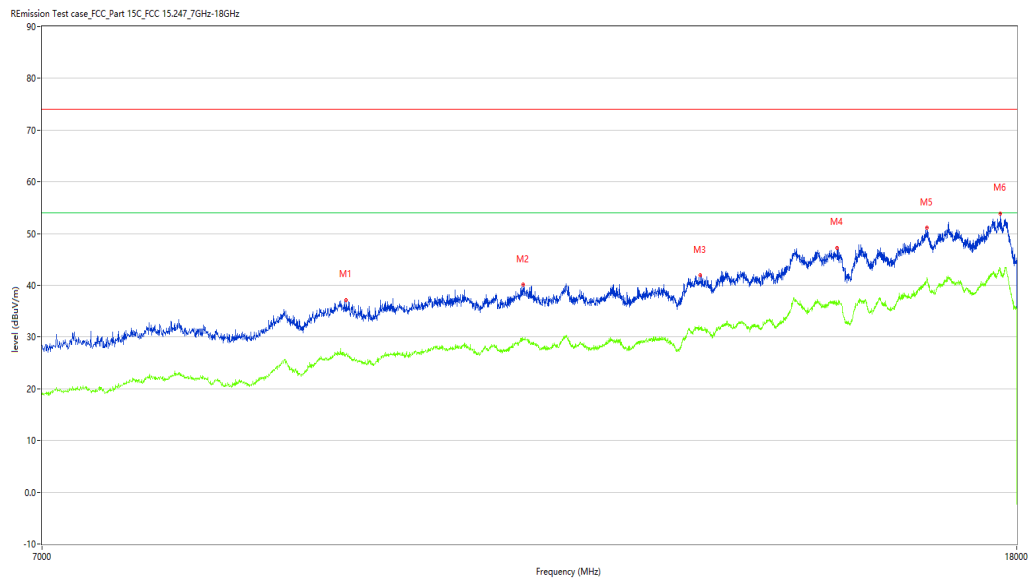
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 9397.401        | 37.20            | -23.06      | 74.0           | -36.80          | Peak     | 115.10         | 100         | Vertical | Pass    |
| 1** | 9397.401        | 26.53            | -23.06      | 54.0           | -27.47          | AV       | 115.10         | 100         | Vertical | Pass    |
| 2   | 11154.211       | 40.20            | -22.18      | 74.0           | -33.80          | Peak     | 193.20         | 100         | Vertical | Pass    |
| 2** | 11154.211       | 29.41            | -22.18      | 54.0           | -24.59          | AV       | 193.20         | 100         | Vertical | Pass    |
| 3   | 13246.438       | 41.90            | -20.67      | 74.0           | -32.10          | Peak     | 128.80         | 100         | Vertical | Pass    |
| 3** | 13246.438       | 31.58            | -20.67      | 54.0           | -22.42          | AV       | 128.80         | 100         | Vertical | Pass    |
| 4   | 15126.968       | 47.30            | -17.31      | 74.0           | -26.70          | Peak     | 165.70         | 100         | Vertical | Pass    |
| 4** | 15126.968       | 36.42            | -17.31      | 54.0           | -17.58          | AV       | 165.70         | 100         | Vertical | Pass    |
| 5   | 16501.625       | 51.09            | -12.25      | 74.0           | -22.91          | Peak     | 341.30         | 100         | Vertical | Pass    |
| 5** | 16501.625       | 41.03            | -12.25      | 54.0           | -12.97          | AV       | 341.30         | 100         | Vertical | Pass    |
| 6   | 17719.570       | 53.90            | -9.47       | 74.0           | -20.10          | Peak     | 357.60         | 100         | Vertical | Pass    |
| 6** | 17719.570       | 43.24            | -9.47       | 54.0           | -10.76          | AV       | 357.60         | 100         | Vertical | Pass    |

# WIFI2.4G-B-Middle channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_19.07.40

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

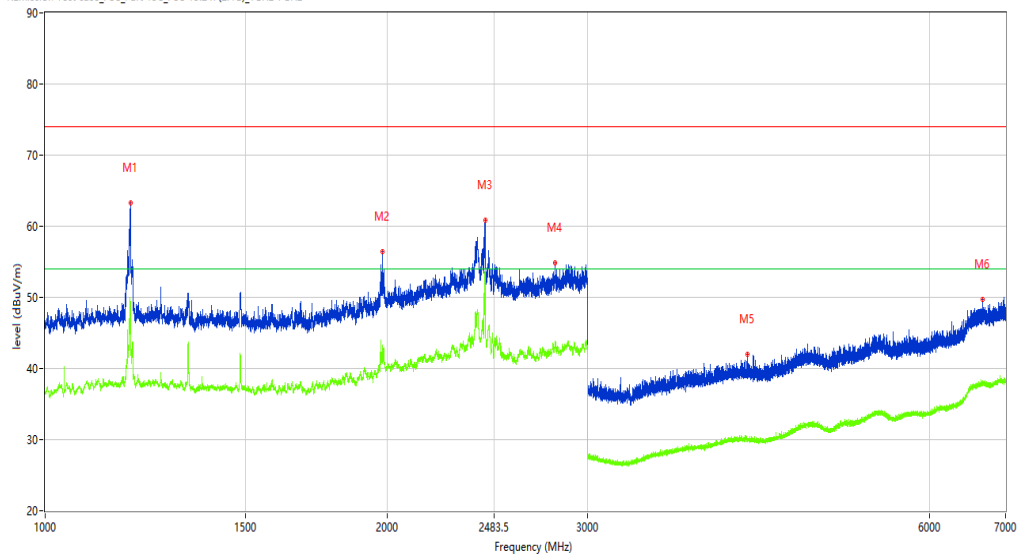
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1188.726        | 63.23            | -3.80       | 74.0           | -10.77          | Peak     | 127.70         | 100         | Horizontal | Pass    |
| 1** | 1188.726        | 49.49            | -3.80       | 54.0           | -4.51           | AV       | 127.70         | 100         | Horizontal | Pass    |
| 2   | 1979.628        | 56.46            | -2.45       | 74.0           | -17.54          | Peak     | 146.30         | 100         | Horizontal | Pass    |
| 2** | 1979.628        | 43.34            | -2.45       | 54.0           | -10.66          | AV       | 146.30         | 100         | Horizontal | Pass    |
| 3   | 2438.320        | 60.92            | 3.87        | 74.0           | -13.08          | Peak     | 132.50         | 100         | Horizontal | Pass    |
| 3** | 2438.320        | 54.01            | 3.87        | 54.0           | 0.01            | AV       | 132.50         | 100         | Horizontal | N/A     |
| 4   | 2808.024        | 54.79            | 2.27        | 74.0           | -19.21          | Peak     | 10.80          | 100         | Horizontal | Pass    |
| 4** | 2808.024        | 42.97            | 2.27        | 54.0           | -11.03          | AV       | 10.80          | 100         | Horizontal | Pass    |
| 5   | 4150.856        | 41.96            | -0.04       | 74.0           | -32.04          | Peak     | 341.90         | 100         | Horizontal | Pass    |
| 5** | 4150.856        | 30.03            | -0.04       | 54.0           | -23.97          | AV       | 341.90         | 100         | Horizontal | Pass    |
| 6   | 6679.540        | 49.69            | 5.87        | 74.0           | -24.31          | Peak     | 236.60         | 100         | Horizontal | Pass    |
| 6** | 6679.540        | 37.92            | 5.87        | 54.0           | -16.08          | AV       | 236.60         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.20.29

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

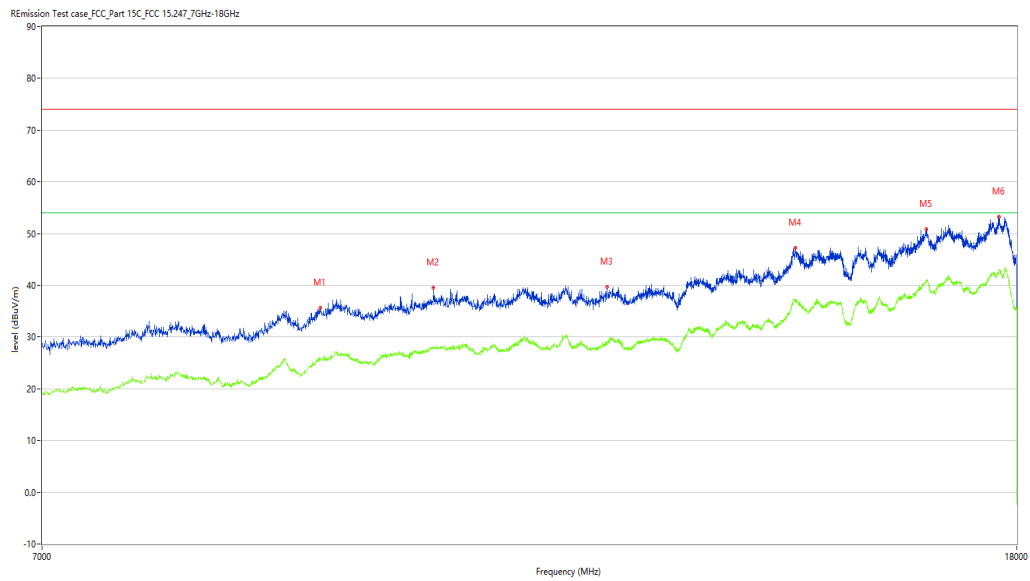
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 9166.458        | 35.62            | -24.91      | 74.0           | -38.38          | Peak     | 106.10         | 100         | Horizontal | Pass    |
| 1** | 9166.458        | 25.89            | -24.91      | 54.0           | -28.11          | AV       | 106.10         | 100         | Horizontal | Pass    |
| 2   | 10227.693       | 39.58            | -22.39      | 74.0           | -34.42          | Peak     | 303.00         | 100         | Horizontal | Pass    |
| 2** | 10227.693       | 27.78            | -22.39      | 54.0           | -26.22          | AV       | 303.00         | 100         | Horizontal | Pass    |
| 3   | 12099.975       | 39.72            | -22.40      | 74.0           | -34.28          | Peak     | 144.50         | 100         | Horizontal | Pass    |
| 3** | 12099.975       | 28.61            | -22.40      | 54.0           | -25.39          | AV       | 144.50         | 100         | Horizontal | Pass    |
| 4   | 14522.119       | 47.25            | -15.98      | 74.0           | -26.75          | Peak     | 87.10          | 100         | Horizontal | Pass    |
| 4** | 14522.119       | 37.13            | -15.98      | 54.0           | -16.87          | AV       | 87.10          | 100         | Horizontal | Pass    |
| 5   | 16493.377       | 50.88            | -12.32      | 74.0           | -23.12          | Peak     | 238.20         | 100         | Horizontal | Pass    |
| 5** | 16493.377       | 40.74            | -12.32      | 54.0           | -13.26          | AV       | 238.20         | 100         | Horizontal | Pass    |
| 6   | 17694.826       | 53.18            | -8.84       | 74.0           | -20.82          | Peak     | 294.10         | 100         | Horizontal | Pass    |
| 6** | 17694.826       | 42.83            | -8.84       | 54.0           | -11.17          | AV       | 294.10         | 100         | Horizontal | Pass    |



# WIFI2.4G-B-Middle channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_19.04.34

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

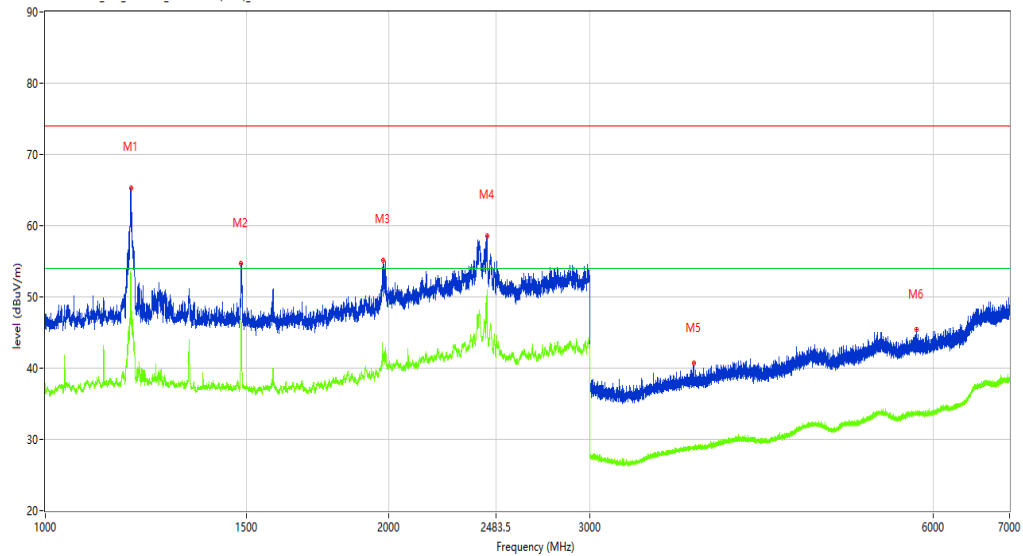
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.476        | 65.27            | -3.82       | 74.0           | -8.73           | Peak     | 83.40          | 100         | Vertical | Pass    |
| 1** | 1188.476        | 53.15            | -3.82       | 54.0           | -0.85           | AV       | 83.40          | 100         | Vertical | Pass    |
| 2   | 1484.939        | 54.69            | -5.11       | 74.0           | -19.31          | Peak     | 171.20         | 100         | Vertical | Pass    |
| 2** | 1484.939        | 46.91            | -5.11       | 54.0           | -7.09           | AV       | 171.20         | 100         | Vertical | Pass    |
| 3   | 1978.128        | 55.14            | -2.23       | 74.0           | -18.86          | Peak     | 250.10         | 100         | Vertical | Pass    |
| 3** | 1978.128        | 41.53            | -2.23       | 54.0           | -12.47          | AV       | 250.10         | 100         | Vertical | Pass    |
| 4   | 2439.070        | 58.52            | 3.84        | 74.0           | -15.48          | Peak     | 240.80         | 100         | Vertical | Pass    |
| 4** | 2439.070        | 49.61            | 3.84        | 54.0           | -4.39           | AV       | 240.80         | 100         | Vertical | Pass    |
| 5   | 3700.912        | 40.67            | -0.74       | 74.0           | -33.33          | Peak     | 259.30         | 100         | Vertical | Pass    |
| 5** | 3700.912        | 28.81            | -0.74       | 54.0           | -25.19          | AV       | 259.30         | 100         | Vertical | Pass    |
| 6   | 5800.650        | 45.42            | 2.16        | 74.0           | -28.58          | Peak     | 50.90          | 100         | Vertical | Pass    |
| 6** | 5800.650        | 33.48            | 2.16        | 54.0           | -20.52          | AV       | 50.90          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.39.50

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

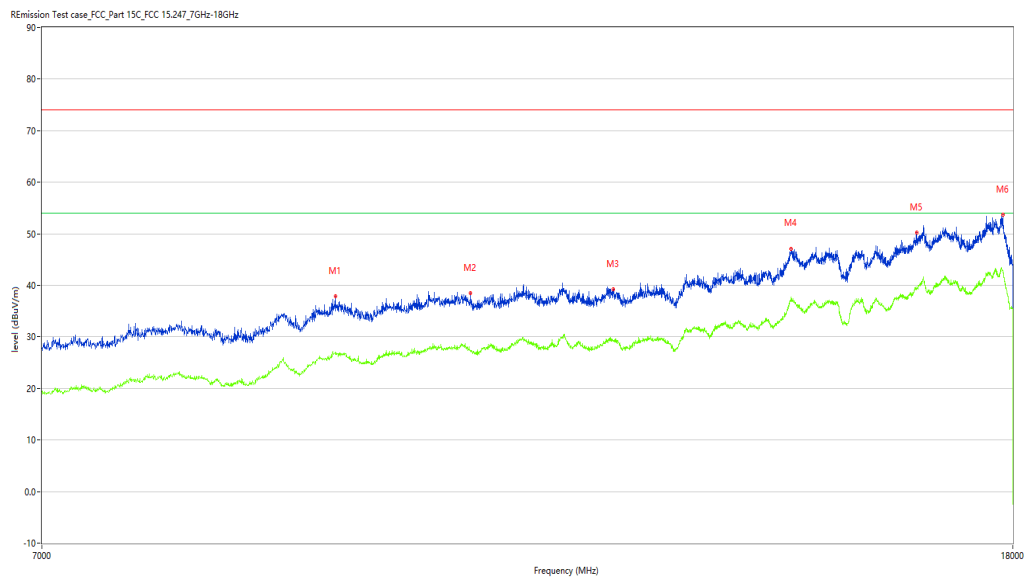
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 9312.172        | 37.83            | -23.72      | 74.0           | -36.17          | Peak     | 314.90         | 100         | Vertical | Pass    |
| 1** | 9312.172        | 27.08            | -23.72      | 54.0           | -26.92          | AV       | 314.90         | 100         | Vertical | Pass    |
| 2   | 10620.845       | 38.43            | -22.92      | 74.0           | -35.57          | Peak     | 356.20         | 100         | Vertical | Pass    |
| 2** | 10620.845       | 27.41            | -22.92      | 54.0           | -26.59          | AV       | 356.20         | 100         | Vertical | Pass    |
| 3   | 12201.700       | 39.18            | -22.17      | 74.0           | -34.82          | Peak     | 79.70          | 100         | Vertical | Pass    |
| 3** | 12201.700       | 29.16            | -22.17      | 54.0           | -24.84          | AV       | 79.70          | 100         | Vertical | Pass    |
| 4   | 14505.624       | 47.12            | -15.92      | 74.0           | -26.88          | Peak     | 301.10         | 100         | Vertical | Pass    |
| 4** | 14505.624       | 37.77            | -15.92      | 54.0           | -16.23          | AV       | 301.10         | 100         | Vertical | Pass    |
| 5   | 16388.903       | 50.20            | -13.93      | 74.0           | -23.80          | Peak     | 342.80         | 100         | Vertical | Pass    |
| 5** | 16388.903       | 39.32            | -13.93      | 54.0           | -14.68          | AV       | 342.80         | 100         | Vertical | Pass    |
| 6   | 17824.044       | 53.75            | -11.81      | 74.0           | -20.25          | Peak     | 352.10         | 100         | Vertical | Pass    |
| 6** | 17824.044       | 42.77            | -11.81      | 54.0           | -11.23          | AV       | 352.10         | 100         | Vertical | Pass    |

# WIFI2.4G-B-High channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_19.11.17

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

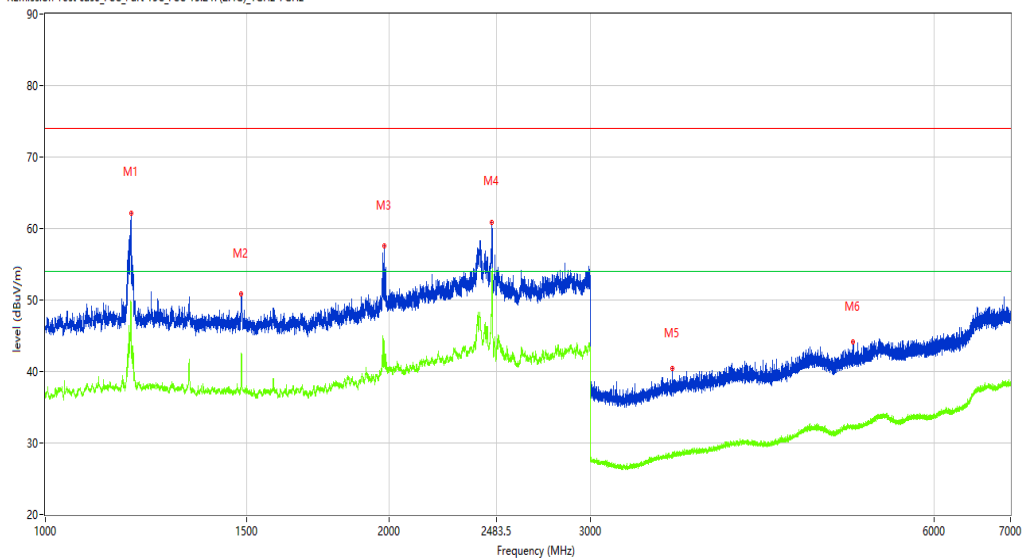
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1188.226        | 62.20            | -3.85       | 74.0           | -11.80          | Peak     | 179.80         | 100         | Horizontal | Pass    |
| 1** | 1188.226        | 49.71            | -3.85       | 54.0           | -4.29           | AV       | 179.80         | 100         | Horizontal | Pass    |
| 2   | 1484.939        | 50.90            | -5.11       | 74.0           | -23.10          | Peak     | 170.20         | 100         | Horizontal | Pass    |
| 2** | 1484.939        | 42.51            | -5.11       | 54.0           | -11.49          | AV       | 170.20         | 100         | Horizontal | Pass    |
| 3   | 1979.878        | 57.63            | -2.48       | 74.0           | -16.37          | Peak     | 147.10         | 100         | Horizontal | Pass    |
| 3** | 1979.878        | 44.27            | -2.48       | 54.0           | -9.73           | AV       | 147.10         | 100         | Horizontal | Pass    |
| 4   | 2459.568        | 60.79            | 3.04        | 74.0           | -13.21          | Peak     | 133.30         | 100         | Horizontal | Pass    |
| 4** | 2459.568        | 53.86            | 3.04        | 54.0           | -0.14           | AV       | 133.30         | 100         | Horizontal | Pass    |
| 5   | 3540.432        | 40.42            | -1.12       | 74.0           | -33.58          | Peak     | 229.20         | 100         | Horizontal | Pass    |
| 5** | 3540.432        | 28.73            | -1.12       | 54.0           | -25.27          | AV       | 229.20         | 100         | Horizontal | Pass    |
| 6   | 5095.238        | 44.18            | 1.76        | 74.0           | -29.82          | Peak     | 69.20          | 100         | Horizontal | Pass    |
| 6** | 5095.238        | 32.21            | 1.76        | 54.0           | -21.79          | AV       | 69.20          | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.24.42

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

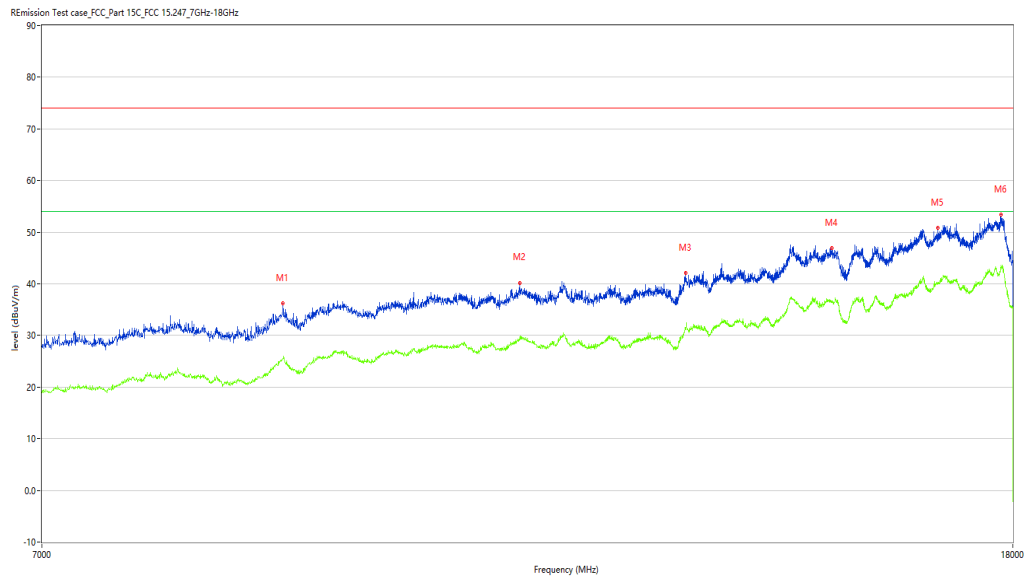
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 8850.287        | 36.27            | -25.45      | 74.0           | -37.73          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 8850.287        | 25.54            | -25.45      | 54.0           | -28.46          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 11143.214       | 40.21            | -22.20      | 74.0           | -33.79          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 11143.214       | 29.70            | -22.20      | 54.0           | -24.30          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 13095.226       | 42.16            | -20.44      | 74.0           | -31.84          | Peak     | 180.40         | 100         | Horizontal | Pass    |
| 3** | 13095.226       | 31.40            | -20.44      | 54.0           | -22.60          | AV       | 180.40         | 100         | Horizontal | Pass    |
| 4   | 15093.977       | 46.93            | -16.76      | 74.0           | -27.07          | Peak     | 185.30         | 100         | Horizontal | Pass    |
| 4** | 15093.977       | 36.42            | -16.76      | 54.0           | -17.58          | AV       | 185.30         | 100         | Horizontal | Pass    |
| 5   | 16735.316       | 50.82            | -13.44      | 74.0           | -23.18          | Peak     | 305.20         | 100         | Horizontal | Pass    |
| 5** | 16735.316       | 40.32            | -13.44      | 54.0           | -13.68          | AV       | 305.20         | 100         | Horizontal | Pass    |
| 6   | 17799.300       | 53.33            | -10.90      | 74.0           | -20.67          | Peak     | 91.80          | 100         | Horizontal | Pass    |
| 6** | 17799.300       | 43.31            | -10.90      | 54.0           | -10.69          | AV       | 91.80          | 100         | Horizontal | Pass    |

# WIFI2.4G-B-High channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_20.25.08

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

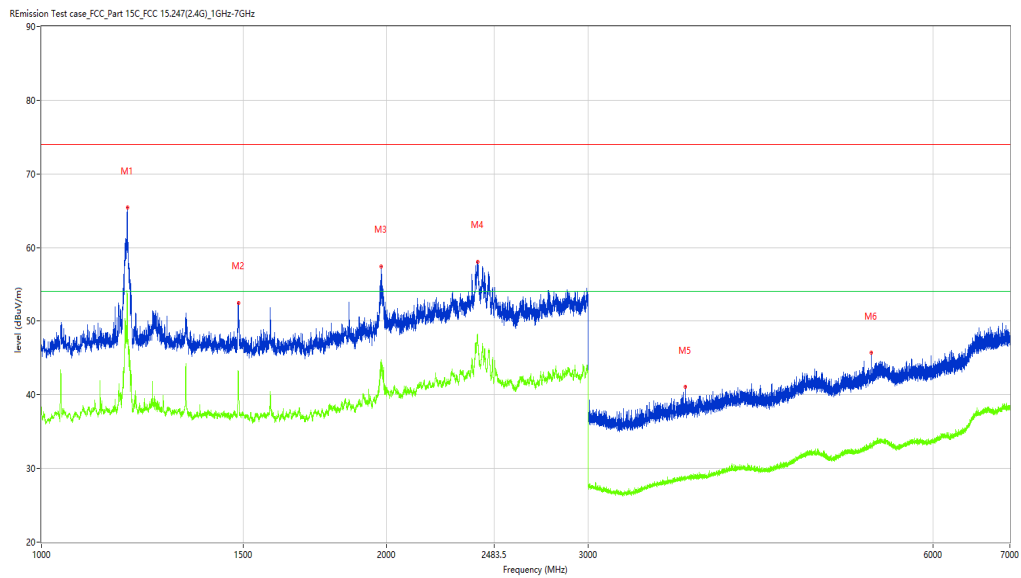
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.226        | 65.43            | -3.85       | 74.0           | -8.57           | Peak     | 87.10          | 100         | Vertical | Pass    |
| 1** | 1188.226        | 53.57            | -3.85       | 54.0           | -0.43           | AV       | 87.10          | 100         | Vertical | Pass    |
| 2   | 1485.939        | 52.49            | -5.14       | 74.0           | -21.51          | Peak     | 202.90         | 100         | Vertical | Pass    |
| 2** | 1485.939        | 41.79            | -5.14       | 54.0           | -12.21          | AV       | 202.90         | 100         | Vertical | Pass    |
| 3   | 1980.127        | 57.43            | -2.52       | 74.0           | -16.57          | Peak     | 147.40         | 100         | Vertical | Pass    |
| 3** | 1980.127        | 44.73            | -2.52       | 54.0           | -9.27           | AV       | 147.40         | 100         | Vertical | Pass    |
| 4   | 2401.825        | 58.11            | 5.30        | 74.0           | -15.89          | Peak     | 26.10          | 100         | Vertical | Pass    |
| 4** | 2401.825        | 48.23            | 5.30        | 54.0           | -5.77           | AV       | 26.10          | 100         | Vertical | Pass    |
| 5   | 3648.419        | 41.06            | -0.84       | 74.0           | -32.94          | Peak     | 186.00         | 100         | Vertical | Pass    |
| 5** | 3648.419        | 28.60            | -0.84       | 54.0           | -25.40          | AV       | 186.00         | 100         | Vertical | Pass    |
| 6   | 5295.213        | 45.68            | 1.47        | 74.0           | -28.32          | Peak     | 14.80          | 100         | Vertical | Pass    |
| 6** | 5295.213        | 32.92            | 1.47        | 54.0           | -21.08          | AV       | 14.80          | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.44.25

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

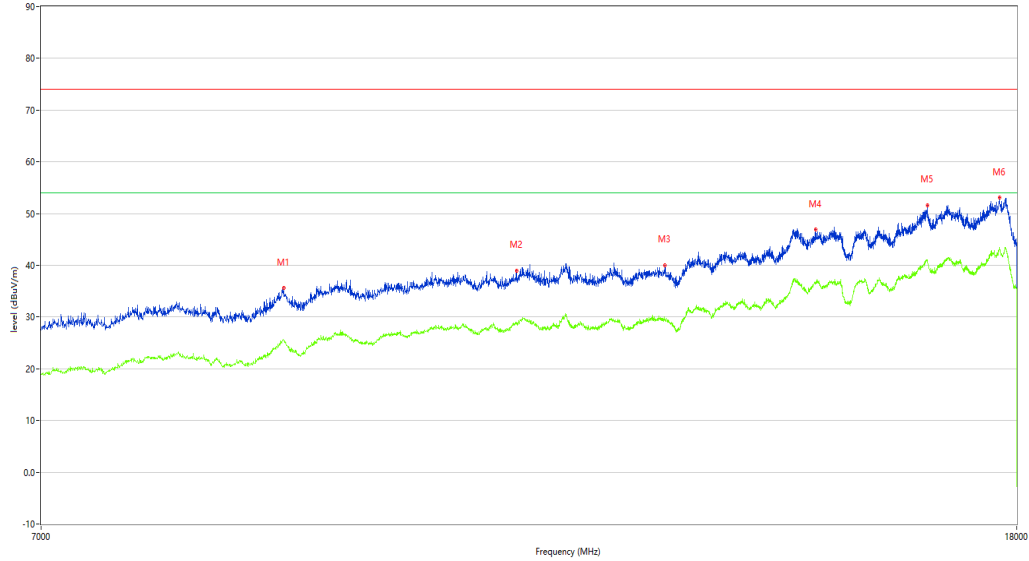
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 8853.037        | 35.63            | -25.50      | 74.0           | -38.37          | Peak     | 291.10         | 100         | Vertical | Pass    |
| 1** | 8853.037        | 25.54            | -25.50      | 54.0           | -28.46          | AV       | 291.10         | 100         | Vertical | Pass    |
| 2   | 11090.977       | 39.02            | -22.34      | 74.0           | -34.98          | Peak     | 357.40         | 100         | Vertical | Pass    |
| 2** | 11090.977       | 28.96            | -22.34      | 54.0           | -25.04          | AV       | 357.40         | 100         | Vertical | Pass    |
| 3   | 12801.050       | 39.99            | -22.09      | 74.0           | -34.01          | Peak     | 338.00         | 100         | Vertical | Pass    |
| 3** | 12801.050       | 29.61            | -22.09      | 54.0           | -24.39          | AV       | 338.00         | 100         | Vertical | Pass    |
| 4   | 14813.547       | 47.00            | -15.19      | 74.0           | -27.00          | Peak     | 6.40           | 100         | Vertical | Pass    |
| 4** | 14813.547       | 36.46            | -15.19      | 54.0           | -17.54          | AV       | 6.40           | 100         | Vertical | Pass    |
| 5   | 16509.873       | 51.66            | -12.58      | 74.0           | -22.34          | Peak     | 357.40         | 100         | Vertical | Pass    |
| 5** | 16509.873       | 40.60            | -12.58      | 54.0           | -13.40          | AV       | 357.40         | 100         | Vertical | Pass    |
| 6   | 17700.325       | 53.07            | -8.71       | 74.0           | -20.93          | Peak     | 198.00         | 100         | Vertical | Pass    |
| 6** | 17700.325       | 43.18            | -8.71       | 54.0           | -10.82          | AV       | 198.00         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-15\_19.33.29

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

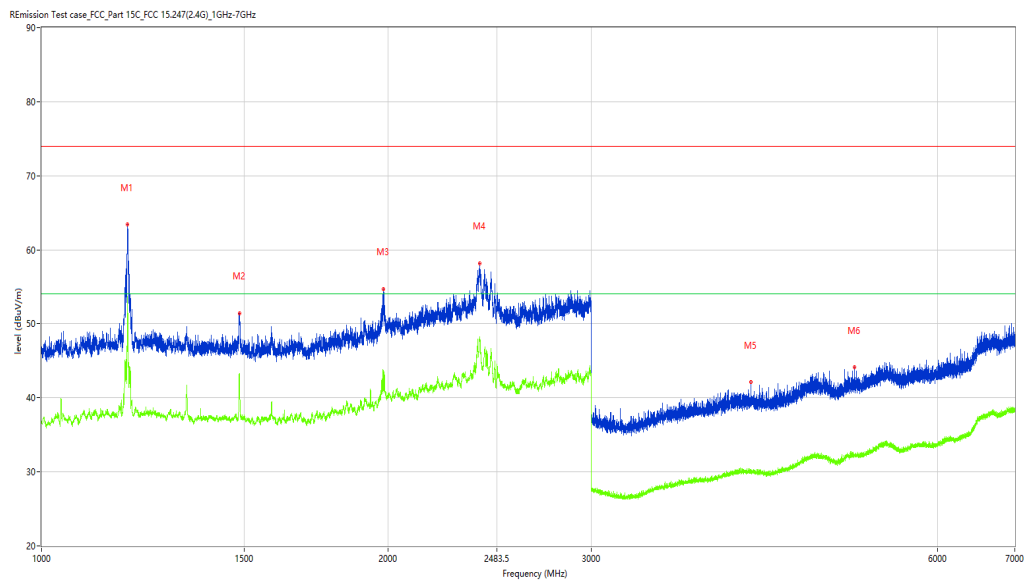
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.727        | 63.40            | -3.90       | 74.0           | -10.60          | Peak     | 180.40         | 100         | Horizontal | Pass    |
| 1** | 1187.727        | 53.70            | -3.90       | 54.0           | -0.30           | AV       | 180.40         | 100         | Horizontal | Pass    |
| 2   | 1484.939        | 51.46            | -5.11       | 74.0           | -22.54          | Peak     | 264.10         | 100         | Horizontal | Pass    |
| 2** | 1484.939        | 43.28            | -5.11       | 54.0           | -10.72          | AV       | 264.10         | 100         | Horizontal | Pass    |
| 3   | 1981.377        | 54.70            | -2.70       | 74.0           | -19.30          | Peak     | 147.60         | 100         | Horizontal | Pass    |
| 3** | 1981.377        | 41.96            | -2.70       | 54.0           | -12.04          | AV       | 147.60         | 100         | Horizontal | Pass    |
| 4   | 2401.075        | 58.19            | 5.33        | 74.0           | -15.81          | Peak     | 333.70         | 100         | Horizontal | Pass    |
| 4** | 2401.075        | 47.81            | 5.33        | 54.0           | -6.19           | AV       | 333.70         | 100         | Horizontal | Pass    |
| 5   | 4129.859        | 42.13            | -0.04       | 74.0           | -31.87          | Peak     | 328.90         | 100         | Horizontal | Pass    |
| 5** | 4129.859        | 29.98            | -0.04       | 54.0           | -24.02          | AV       | 328.90         | 100         | Horizontal | Pass    |
| 6   | 5078.240        | 44.14            | 1.74        | 74.0           | -29.86          | Peak     | 190.10         | 100         | Horizontal | Pass    |
| 6** | 5078.240        | 32.12            | 1.74        | 54.0           | -21.88          | AV       | 190.10         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.16.21

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

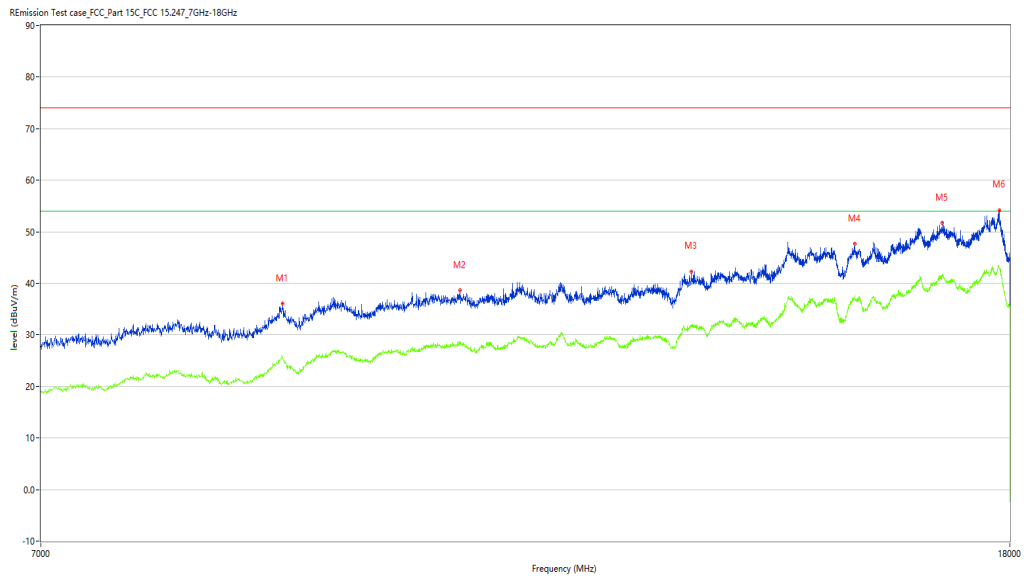
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 8861.285        | 36.07            | -25.68      | 74.0           | -37.93          | Peak     | 58.80          | 100         | Horizontal | Pass    |
| 1** | 8861.285        | 25.53            | -25.68      | 54.0           | -28.47          | AV       | 58.80          | 100         | Horizontal | Pass    |
| 2   | 10532.867       | 38.57            | -23.09      | 74.0           | -35.43          | Peak     | 129.50         | 100         | Horizontal | Pass    |
| 2** | 10532.867       | 28.71            | -23.09      | 54.0           | -25.29          | AV       | 129.50         | 100         | Horizontal | Pass    |
| 3   | 13196.951       | 42.30            | -20.65      | 74.0           | -31.70          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 3** | 13196.951       | 31.94            | -20.65      | 54.0           | -22.06          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 4   | 15470.632       | 47.61            | -17.70      | 74.0           | -26.39          | Peak     | 4.20           | 100         | Horizontal | Pass    |
| 4** | 15470.632       | 37.03            | -17.70      | 54.0           | -16.97          | AV       | 4.20           | 100         | Horizontal | Pass    |
| 5   | 16853.537       | 51.75            | -12.54      | 74.0           | -22.25          | Peak     | 1.80           | 100         | Horizontal | Pass    |
| 5** | 16853.537       | 41.53            | -12.54      | 54.0           | -12.47          | AV       | 1.80           | 100         | Horizontal | Pass    |
| 6   | 17813.047       | 54.22            | -11.39      | 74.0           | -19.78          | Peak     | 138.40         | 100         | Horizontal | Pass    |
| 6** | 17813.047       | 43.01            | -11.39      | 54.0           | -10.99          | AV       | 138.40         | 100         | Horizontal | Pass    |



# WIFI2.4G-G-Low channel-Vertical-TX

## Test result

Project Number: 1744444

Test Time: 2019-11-15\_19.29.12

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

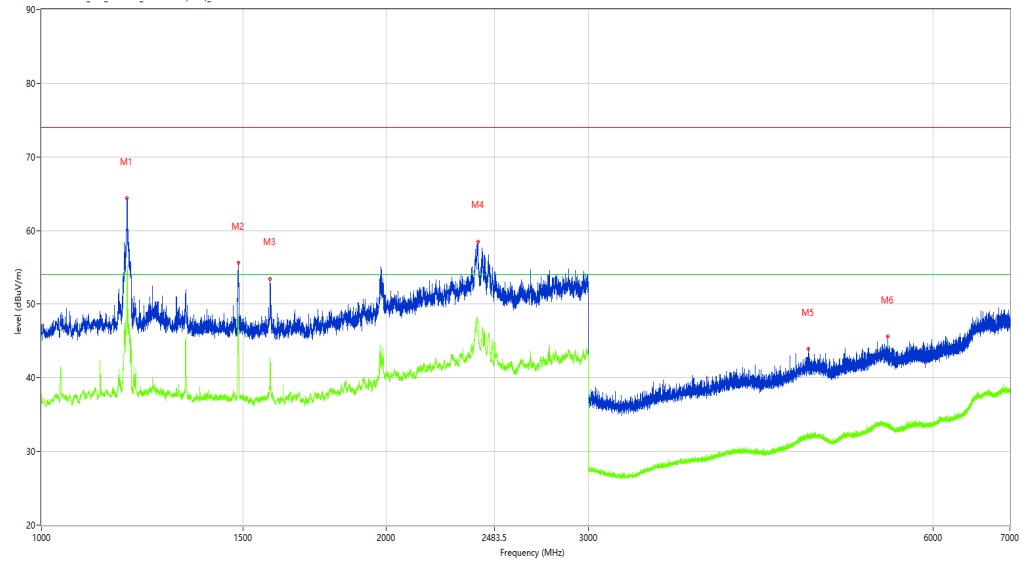
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

R/Emission Test case\_FCC\_Part 15C\_FCC 15.247(Z4G)\_1GHz-7GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1187.727        | 64.33            | -3.90       | 74.0           | -9.67           | Peak     | 93.90          | 100         | Vertical | Pass    |
| 1** | 1187.727        | 53.79            | -3.90       | 54.0           | -0.21           | AV       | 93.90          | 100         | Vertical | Pass    |
| 2   | 1485.189        | 55.59            | -5.12       | 74.0           | -18.41          | Peak     | 168.60         | 100         | Vertical | Pass    |
| 2** | 1485.189        | 47.35            | -5.12       | 54.0           | -6.65           | AV       | 168.60         | 100         | Vertical | Pass    |
| 3   | 1583.427        | 53.47            | -5.09       | 74.0           | -20.53          | Peak     | 220.40         | 100         | Vertical | Pass    |
| 3** | 1583.427        | 41.09            | -5.09       | 54.0           | -12.91          | AV       | 220.40         | 100         | Vertical | Pass    |
| 4   | 2404.574        | 58.44            | 5.19        | 74.0           | -15.56          | Peak     | 173.50         | 100         | Vertical | Pass    |
| 4** | 2404.574        | 46.46            | 5.19        | 54.0           | -7.54           | AV       | 173.50         | 100         | Vertical | Pass    |
| 5   | 4666.792        | 43.90            | 0.93        | 74.0           | -30.10          | Peak     | 189.40         | 100         | Vertical | Pass    |
| 5** | 4666.792        | 31.90            | 0.93        | 54.0           | -22.10          | AV       | 189.40         | 100         | Vertical | Pass    |
| 6   | 5477.690        | 45.58            | 1.69        | 74.0           | -28.42          | Peak     | 189.40         | 100         | Vertical | Pass    |
| 6** | 5477.690        | 33.49            | 1.69        | 54.0           | -20.51          | AV       | 189.40         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.34.46

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

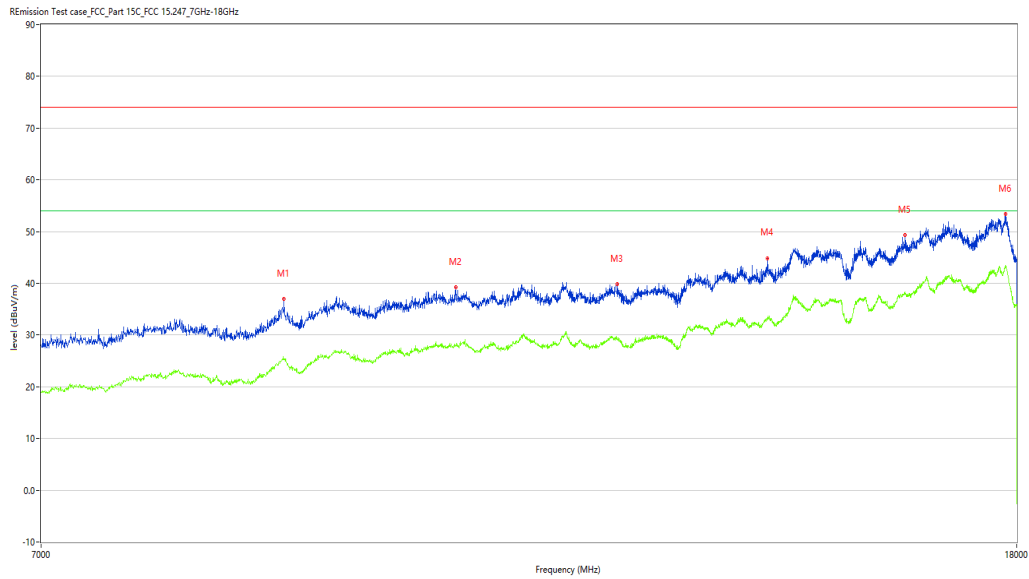
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 8855.786        | 37.00            | -25.56      | 74.0           | -37.00          | Peak     | 212.20         | 100         | Vertical | Pass    |
| 1** | 8855.786        | 25.30            | -25.56      | 54.0           | -28.70          | AV       | 212.20         | 100         | Vertical | Pass    |
| 2   | 10455.886       | 39.27            | -22.46      | 74.0           | -34.73          | Peak     | 319.00         | 100         | Vertical | Pass    |
| 2** | 10455.886       | 27.74            | -22.46      | 54.0           | -26.26          | AV       | 319.00         | 100         | Vertical | Pass    |
| 3   | 12229.193       | 39.82            | -22.01      | 74.0           | -34.18          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 12229.193       | 29.39            | -22.01      | 54.0           | -24.61          | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 14142.714       | 44.88            | -18.35      | 74.0           | -29.12          | Peak     | 193.20         | 100         | Vertical | Pass    |
| 4** | 14142.714       | 32.94            | -18.35      | 54.0           | -21.06          | AV       | 193.20         | 100         | Vertical | Pass    |
| 5   | 16157.961       | 49.31            | -15.26      | 74.0           | -24.69          | Peak     | 12.70          | 100         | Vertical | Pass    |
| 5** | 16157.961       | 37.71            | -15.26      | 54.0           | -16.29          | AV       | 12.70          | 100         | Vertical | Pass    |
| 6   | 17810.297       | 53.40            | -11.29      | 74.0           | -20.60          | Peak     | 35.40          | 100         | Vertical | Pass    |
| 6** | 17810.297       | 43.02            | -11.29      | 54.0           | -10.98          | AV       | 35.40          | 100         | Vertical | Pass    |

# WIFI2.4G-G-Middle channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_19.37.09

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

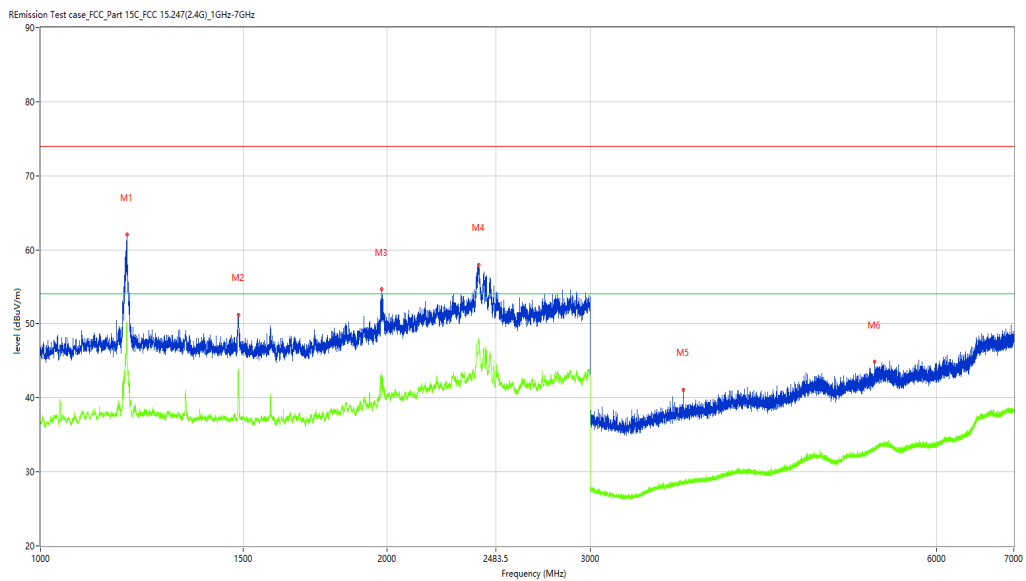
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1188.226        | 62.07            | -3.85       | 74.0           | -11.93          | Peak     | 183.60         | 100         | Horizontal | Pass    |
| 1** | 1188.226        | 49.02            | -3.85       | 54.0           | -4.98           | AV       | 183.60         | 100         | Horizontal | Pass    |
| 2   | 1484.939        | 51.22            | -5.11       | 74.0           | -22.78          | Peak     | 263.20         | 100         | Horizontal | Pass    |
| 2** | 1484.939        | 43.91            | -5.11       | 54.0           | -10.09          | AV       | 263.20         | 100         | Horizontal | Pass    |
| 3   | 1979.128        | 54.67            | -2.37       | 74.0           | -19.33          | Peak     | 146.00         | 100         | Horizontal | Pass    |
| 3** | 1979.128        | 43.35            | -2.37       | 54.0           | -10.65          | AV       | 146.00         | 100         | Horizontal | Pass    |
| 4   | 2401.075        | 58.00            | 5.33        | 74.0           | -16.00          | Peak     | 347.70         | 100         | Horizontal | Pass    |
| 4** | 2401.075        | 48.03            | 5.33        | 54.0           | -5.97           | AV       | 347.70         | 100         | Horizontal | Pass    |
| 5   | 3612.923        | 41.12            | -0.91       | 74.0           | -32.88          | Peak     | 109.70         | 100         | Horizontal | Pass    |
| 5** | 3612.923        | 28.52            | -0.91       | 54.0           | -25.48          | AV       | 109.70         | 100         | Horizontal | Pass    |
| 6   | 5297.213        | 44.84            | 1.47        | 74.0           | -29.16          | Peak     | 276.50         | 100         | Horizontal | Pass    |
| 6** | 5297.213        | 33.00            | 1.47        | 54.0           | -21.00          | AV       | 276.50         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.21.50

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

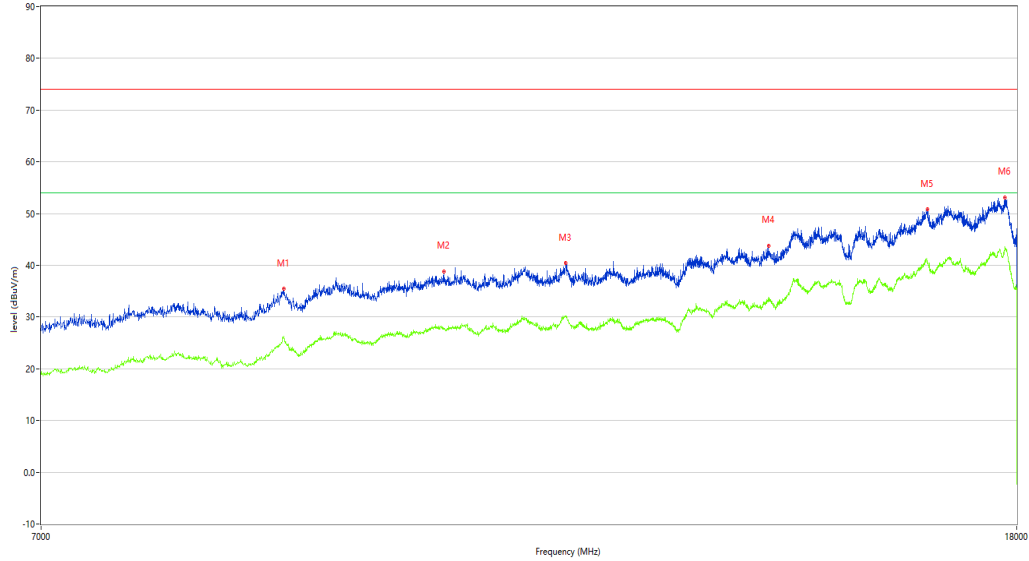
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 8855.786        | 35.52            | -25.56      | 74.0           | -38.48          | Peak     | 357.40         | 100         | Horizontal | Pass    |
| 1** | 8855.786        | 26.26            | -25.56      | 54.0           | -27.74          | AV       | 357.40         | 100         | Horizontal | Pass    |
| 2   | 10337.666       | 38.85            | -22.35      | 74.0           | -35.15          | Peak     | 189.90         | 100         | Horizontal | Pass    |
| 2** | 10337.666       | 27.66            | -22.35      | 54.0           | -26.34          | AV       | 189.90         | 100         | Horizontal | Pass    |
| 3   | 11632.592       | 40.39            | -21.93      | 74.0           | -33.61          | Peak     | 65.30          | 100         | Horizontal | Pass    |
| 3** | 11632.592       | 30.21            | -21.93      | 54.0           | -23.79          | AV       | 65.30          | 100         | Horizontal | Pass    |
| 4   | 14156.461       | 43.83            | -18.36      | 74.0           | -30.17          | Peak     | 305.60         | 100         | Horizontal | Pass    |
| 4** | 14156.461       | 33.19            | -18.36      | 54.0           | -20.81          | AV       | 305.60         | 100         | Horizontal | Pass    |
| 5   | 16509.873       | 50.81            | -12.58      | 74.0           | -23.19          | Peak     | 236.00         | 100         | Horizontal | Pass    |
| 5** | 16509.873       | 40.67            | -12.58      | 54.0           | -13.33          | AV       | 236.00         | 100         | Horizontal | Pass    |
| 6   | 17788.303       | 53.17            | -10.85      | 74.0           | -20.83          | Peak     | 342.80         | 100         | Horizontal | Pass    |
| 6** | 17788.303       | 42.99            | -10.85      | 54.0           | -11.01          | AV       | 342.80         | 100         | Horizontal | Pass    |

# WIFI2.4G-G-Middle channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-15\_19:59:46

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

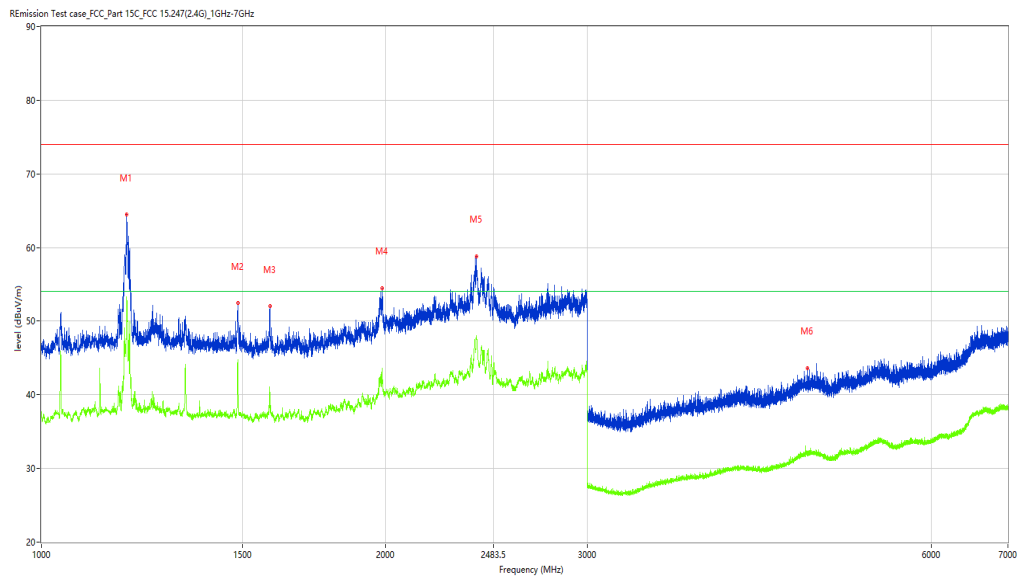
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1187.227        | 64.48            | -3.95       | 74.0           | -9.52           | Peak     | 85.70          | 100         | Vertical | Pass    |
| 1** | 1187.227        | 53.28            | -3.95       | 54.0           | -0.72           | AV       | 85.70          | 100         | Vertical | Pass    |
| 2   | 1484.939        | 52.45            | -5.11       | 74.0           | -21.55          | Peak     | 168.70         | 100         | Vertical | Pass    |
| 2** | 1484.939        | 44.44            | -5.11       | 54.0           | -9.56           | AV       | 168.70         | 100         | Vertical | Pass    |
| 3   | 1584.927        | 52.02            | -5.23       | 74.0           | -21.98          | Peak     | 224.90         | 100         | Vertical | Pass    |
| 3** | 1584.927        | 39.55            | -5.23       | 54.0           | -14.45          | AV       | 224.90         | 100         | Vertical | Pass    |
| 4   | 1985.127        | 54.49            | -2.71       | 74.0           | -19.51          | Peak     | 39.90          | 100         | Vertical | Pass    |
| 4** | 1985.127        | 43.31            | -2.71       | 54.0           | -10.69          | AV       | 39.90          | 100         | Vertical | Pass    |
| 5   | 2400.325        | 58.81            | 5.36        | 74.0           | -15.19          | Peak     | 359.40         | 100         | Vertical | Pass    |
| 5** | 2400.325        | 47.72            | 5.36        | 54.0           | -6.28           | AV       | 359.40         | 100         | Vertical | Pass    |
| 6   | 4677.790        | 43.64            | 0.94        | 74.0           | -30.36          | Peak     | 196.80         | 100         | Vertical | Pass    |
| 6** | 4677.790        | 31.74            | 0.94        | 54.0           | -22.26          | AV       | 196.80         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.41.24

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

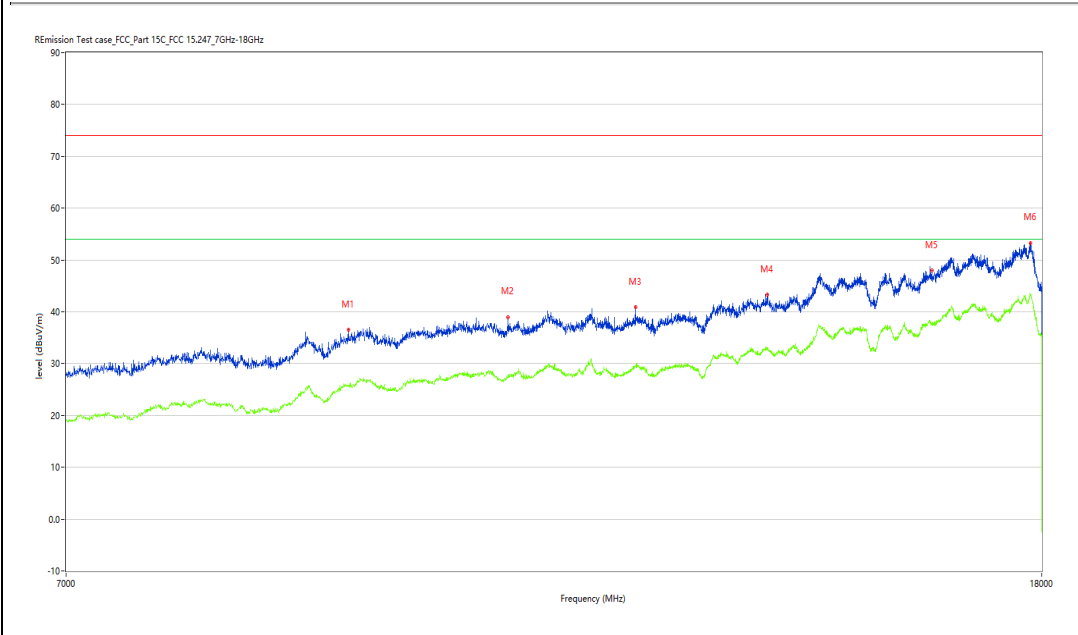
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 9199.450        | 36.47            | -24.54      | 74.0           | -37.53          | Peak     | 134.00         | 100         | Vertical | Pass    |
| 1** | 9199.450        | 25.65            | -24.54      | 54.0           | -28.35          | AV       | 134.00         | 100         | Vertical | Pass    |
| 2   | 10736.316       | 39.00            | -22.58      | 74.0           | -35.00          | Peak     | 49.60          | 100         | Vertical | Pass    |
| 2** | 10736.316       | 27.85            | -22.58      | 54.0           | -26.15          | AV       | 49.60          | 100         | Vertical | Pass    |
| 3   | 12146.713       | 40.86            | -22.02      | 74.0           | -33.14          | Peak     | 236.00         | 100         | Vertical | Pass    |
| 3** | 12146.713       | 29.53            | -22.02      | 54.0           | -24.47          | AV       | 236.00         | 100         | Vertical | Pass    |
| 4   | 13801.800       | 43.35            | -19.58      | 74.0           | -30.65          | Peak     | 143.00         | 100         | Vertical | Pass    |
| 4** | 13801.800       | 32.65            | -19.58      | 54.0           | -21.35          | AV       | 143.00         | 100         | Vertical | Pass    |
| 5   | 16185.454       | 47.91            | -15.16      | 74.0           | -26.09          | Peak     | 105.80         | 100         | Vertical | Pass    |
| 5** | 16185.454       | 37.75            | -15.16      | 54.0           | -16.25          | AV       | 105.80         | 100         | Vertical | Pass    |
| 6   | 17802.049       | 53.33            | -10.98      | 74.0           | -20.67          | Peak     | 161.90         | 100         | Vertical | Pass    |
| 6** | 17802.049       | 43.33            | -10.98      | 54.0           | -10.67          | AV       | 161.90         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-20\_11.20.22

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

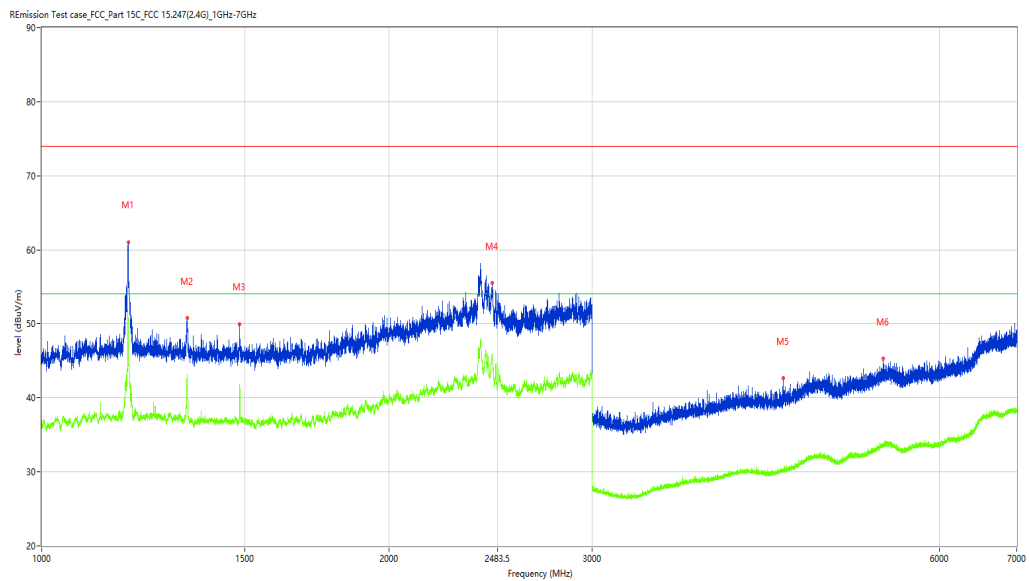
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1188.476        | 61.05            | -3.82       | 74.0           | -12.95          | Peak     | 313.70         | 100         | Horizontal | Pass    |
| 1** | 1188.476        | 49.00            | -3.82       | 54.0           | -5.00           | AV       | 313.70         | 100         | Horizontal | Pass    |
| 2   | 1336.958        | 50.75            | -4.40       | 74.0           | -23.25          | Peak     | 322.30         | 100         | Horizontal | Pass    |
| 2** | 1336.958        | 42.22            | -4.40       | 54.0           | -11.78          | AV       | 322.30         | 100         | Horizontal | Pass    |
| 3   | 1484.689        | 49.96            | -5.11       | 74.0           | -24.04          | Peak     | 313.70         | 100         | Horizontal | Pass    |
| 3** | 1484.689        | 41.87            | -5.11       | 54.0           | -12.13          | AV       | 313.70         | 100         | Horizontal | Pass    |
| 4   | 2456.568        | 55.52            | 3.16        | 74.0           | -18.48          | Peak     | 356.20         | 100         | Horizontal | Pass    |
| 4** | 2456.568        | 45.98            | 3.16        | 54.0           | -8.02           | AV       | 356.20         | 100         | Horizontal | Pass    |
| 5   | 4393.326        | 42.61            | 0.33        | 74.0           | -31.39          | Peak     | 120.00         | 100         | Horizontal | Pass    |
| 5** | 4393.326        | 30.19            | 0.33        | 54.0           | -23.81          | AV       | 120.00         | 100         | Horizontal | Pass    |
| 6   | 5360.205        | 45.28            | 1.46        | 74.0           | -28.72          | Peak     | 300.50         | 100         | Horizontal | Pass    |
| 6** | 5360.205        | 33.66            | 1.46        | 54.0           | -20.34          | AV       | 300.50         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.26.06

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

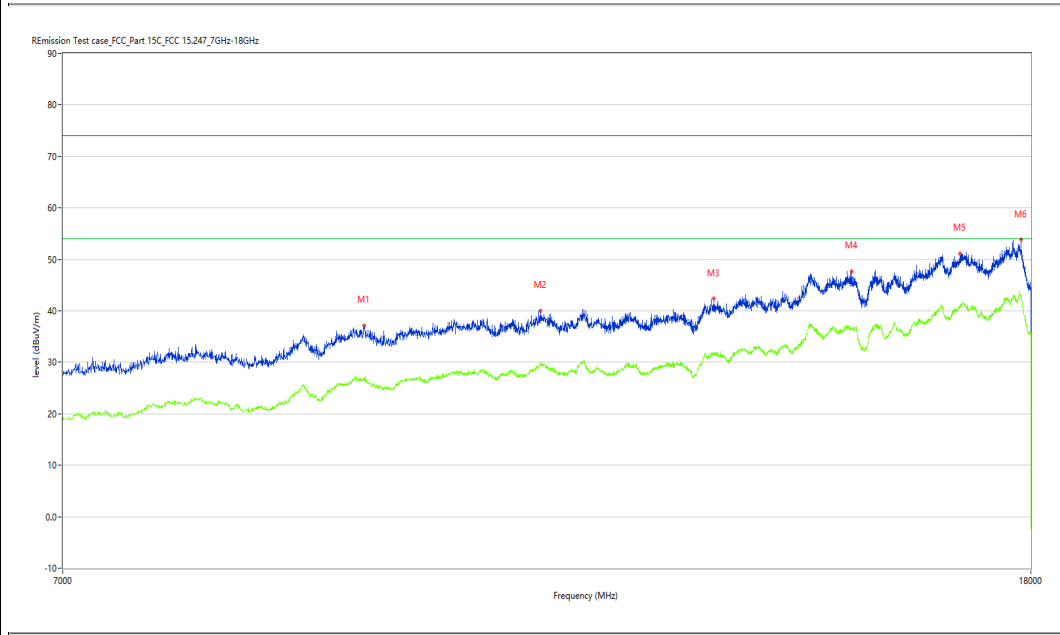
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 9389.153        | 37.20            | -23.08      | 74.0           | -36.80          | Peak     | 4.90           | 100         | Horizontal | Pass    |
| 1** | 9389.153        | 27.05            | -23.08      | 54.0           | -26.95          | AV       | 4.90           | 100         | Horizontal | Pass    |
| 2   | 11154.211       | 40.06            | -22.18      | 74.0           | -33.94          | Peak     | 348.70         | 100         | Horizontal | Pass    |
| 2** | 11154.211       | 29.46            | -22.18      | 54.0           | -24.54          | AV       | 348.70         | 100         | Horizontal | Pass    |
| 3   | 13207.948       | 42.34            | -20.64      | 74.0           | -31.66          | Peak     | 125.10         | 100         | Horizontal | Pass    |
| 3** | 13207.948       | 31.85            | -20.64      | 54.0           | -22.15          | AV       | 125.10         | 100         | Horizontal | Pass    |
| 4   | 15115.971       | 47.73            | -17.09      | 74.0           | -26.27          | Peak     | 153.70         | 100         | Horizontal | Pass    |
| 4** | 15115.971       | 36.45            | -17.09      | 54.0           | -17.55          | AV       | 153.70         | 100         | Horizontal | Pass    |
| 5   | 16795.801       | 51.20            | -13.14      | 74.0           | -22.80          | Peak     | 49.90          | 100         | Horizontal | Pass    |
| 5** | 16795.801       | 40.94            | -13.14      | 54.0           | -13.06          | AV       | 49.90          | 100         | Horizontal | Pass    |
| 6   | 17829.543       | 53.86            | -12.02      | 74.0           | -20.14          | Peak     | 73.40          | 100         | Horizontal | Pass    |
| 6** | 17829.543       | 42.42            | -12.02      | 54.0           | -11.58          | AV       | 73.40          | 100         | Horizontal | Pass    |



# WIFI2.4G-G-High channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_10:53:55

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

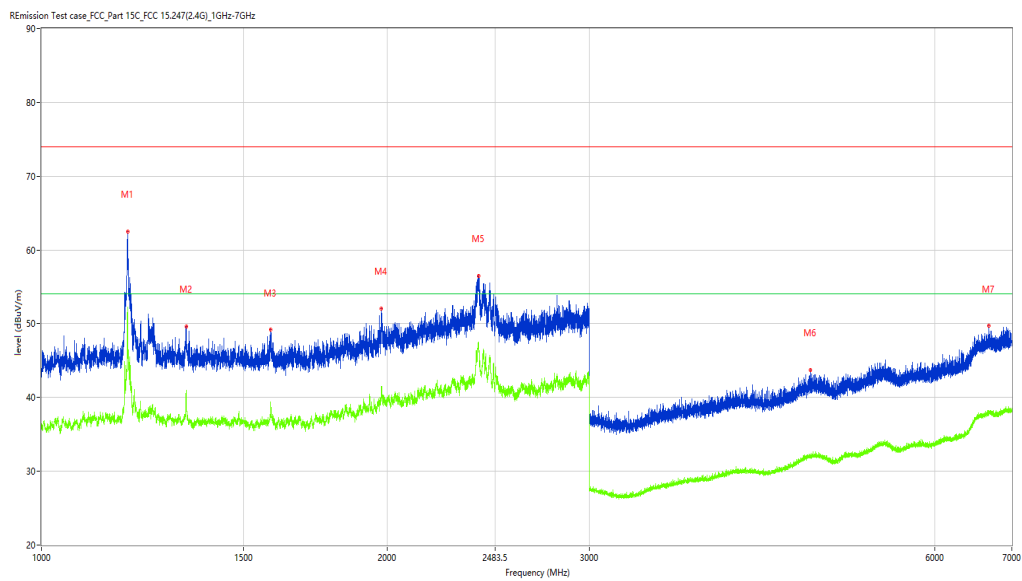
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.226        | 62.53            | -3.85       | 74.0           | -11.47          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 1** | 1188.226        | 52.27            | -3.85       | 54.0           | -1.73           | AV       | 0.00           | 100         | Vertical | Pass    |
| 2   | 1336.458        | 49.64            | -4.39       | 74.0           | -24.36          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 1336.458        | 41.01            | -4.39       | 54.0           | -12.99          | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 1583.427        | 49.18            | -5.09       | 74.0           | -24.82          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 1583.427        | 38.10            | -5.09       | 54.0           | -15.90          | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 1976.628        | 52.07            | -2.37       | 74.0           | -21.93          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 4** | 1976.628        | 40.92            | -2.37       | 54.0           | -13.08          | AV       | 0.00           | 100         | Vertical | Pass    |
| 5   | 2401.575        | 56.49            | 5.31        | 74.0           | -17.51          | Peak     | 0.10           | 100         | Vertical | Pass    |
| 5** | 2401.575        | 46.85            | 5.31        | 54.0           | -7.15           | AV       | 0.10           | 100         | Vertical | Pass    |
| 6   | 4673.291        | 43.73            | 0.93        | 74.0           | -30.27          | Peak     | 241.80         | 100         | Vertical | Pass    |
| 6** | 4673.291        | 31.91            | 0.93        | 54.0           | -22.09          | AV       | 241.80         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.45.51

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

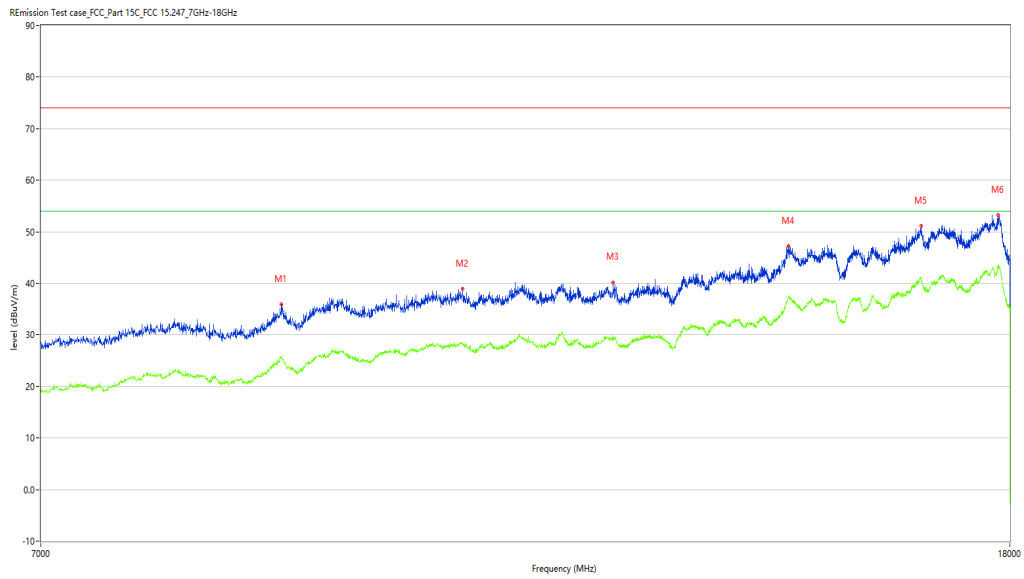
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 8850.287        | 35.88            | -25.45      | 74.0           | -38.12          | Peak     | 68.50          | 100         | Vertical | Pass    |
| 1** | 8850.287        | 25.49            | -25.45      | 54.0           | -28.51          | AV       | 68.50          | 100         | Vertical | Pass    |
| 2   | 10560.360       | 38.96            | -23.05      | 74.0           | -35.04          | Peak     | 124.40         | 100         | Vertical | Pass    |
| 2** | 10560.360       | 28.39            | -23.05      | 54.0           | -25.61          | AV       | 124.40         | 100         | Vertical | Pass    |
| 3   | 12229.193       | 40.20            | -22.01      | 74.0           | -33.80          | Peak     | 82.30          | 100         | Vertical | Pass    |
| 3** | 12229.193       | 29.29            | -22.01      | 54.0           | -24.71          | AV       | 82.30          | 100         | Vertical | Pass    |
| 4   | 14505.624       | 47.20            | -15.92      | 74.0           | -26.80          | Peak     | 208.10         | 100         | Vertical | Pass    |
| 4** | 14505.624       | 37.47            | -15.92      | 54.0           | -16.53          | AV       | 208.10         | 100         | Vertical | Pass    |
| 5   | 16504.374       | 51.14            | -12.36      | 74.0           | -22.86          | Peak     | 263.10         | 100         | Vertical | Pass    |
| 5** | 16504.374       | 40.80            | -12.36      | 54.0           | -13.20          | AV       | 263.10         | 100         | Vertical | Pass    |
| 6   | 17799.300       | 53.26            | -10.90      | 74.0           | -20.74          | Peak     | 267.60         | 100         | Vertical | Pass    |
| 6** | 17799.300       | 43.16            | -10.90      | 54.0           | -10.84          | AV       | 267.60         | 100         | Vertical | Pass    |

# WIFI2.4G-N-Low channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_11.12.37

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

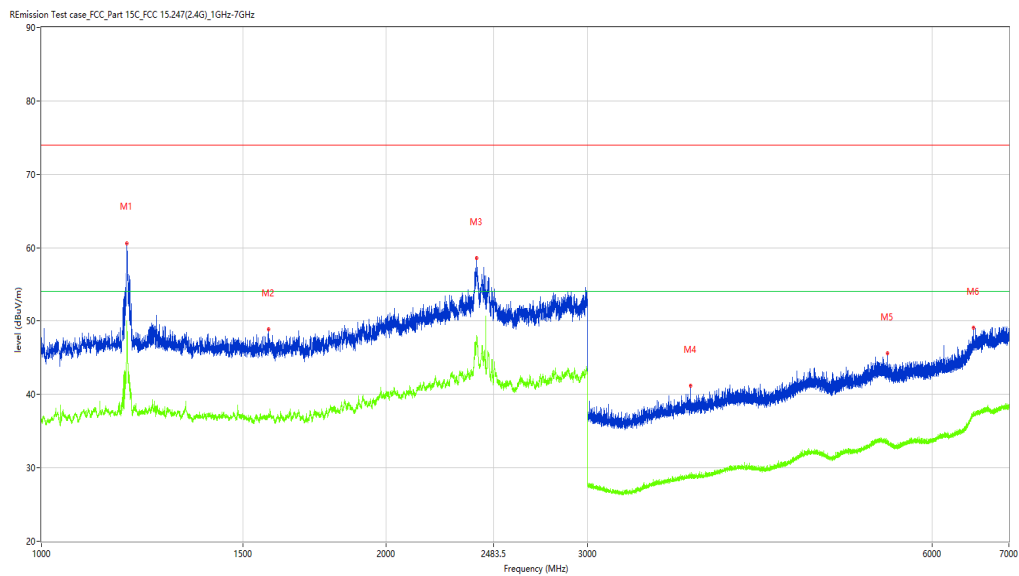
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.477        | 60.63            | -3.93       | 74.0           | -13.37          | Peak     | 83.30          | 100         | Horizontal | Pass    |
| 1** | 1187.477        | 48.03            | -3.93       | 54.0           | -5.97           | AV       | 83.30          | 100         | Horizontal | Pass    |
| 2   | 1579.428        | 48.87            | -5.21       | 74.0           | -25.13          | Peak     | 0.50           | 100         | Horizontal | Pass    |
| 2** | 1579.428        | 37.10            | -5.21       | 54.0           | -16.90          | AV       | 0.50           | 100         | Horizontal | Pass    |
| 3   | 2400.575        | 58.60            | 5.35        | 74.0           | -15.40          | Peak     | 1.80           | 100         | Horizontal | Pass    |
| 3** | 2400.575        | 47.81            | 5.35        | 54.0           | -6.19           | AV       | 1.80           | 100         | Horizontal | Pass    |
| 4   | 3688.914        | 41.15            | -0.76       | 74.0           | -32.85          | Peak     | 0.10           | 100         | Horizontal | Pass    |
| 4** | 3688.914        | 28.60            | -0.76       | 54.0           | -25.40          | AV       | 0.10           | 100         | Horizontal | Pass    |
| 5   | 5482.190        | 45.62            | 1.71        | 74.0           | -28.38          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 5482.190        | 33.52            | 1.71        | 54.0           | -20.48          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 6516.560        | 49.06            | 5.24        | 74.0           | -24.94          | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 6** | 6516.560        | 37.19            | 5.24        | 54.0           | -16.81          | AV       | 266.00         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.17.38

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

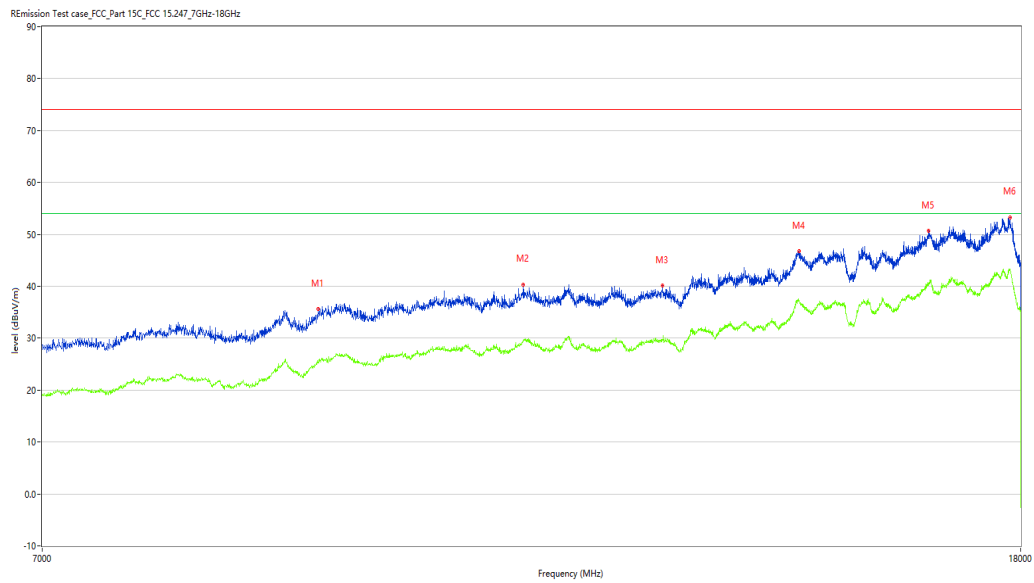
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequen<br>cy (MHz) | Results<br>(dBuV/m<br>) | Factor<br>(dB) | Limit<br>(dBuV/m<br>) | Over<br>Limit<br>(dB) | Detector | Table<br>(Degree) | Height<br>(cm) | Antenna        | Verdict |
|-----|---------------------|-------------------------|----------------|-----------------------|-----------------------|----------|-------------------|----------------|----------------|---------|
| 1   | 9136.21<br>6        | 35.63                   | -25.41         | 74.0                  | -38.37                | Peak     | 184.00            | 100            | Horizont<br>al | Pass    |
| 1** | 9136.21<br>6        | 25.20                   | -25.41         | 54.0                  | -28.80                | AV       | 184.00            | 100            | Horizont<br>al | Pass    |
| 2   | 11137.71<br>6       | 40.37                   | -22.23         | 74.0                  | -33.63                | Peak     | 82.00             | 100            | Horizont<br>al | Pass    |
| 2** | 11137.71<br>6       | 29.58                   | -22.23         | 54.0                  | -24.42                | AV       | 82.00             | 100            | Horizont<br>al | Pass    |
| 3   | 12737.8<br>16       | 40.17                   | -21.77         | 74.0                  | -33.83                | Peak     | 341.50            | 100            | Horizont<br>al | Pass    |
| 3** | 12737.8             | 29.61                   | -21.77         | 54.0                  | -24.39                | AV       | 341.50            | 100            | Horizont       | Pass    |

# WIFI2.4G-N-Low channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_11.01.27

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

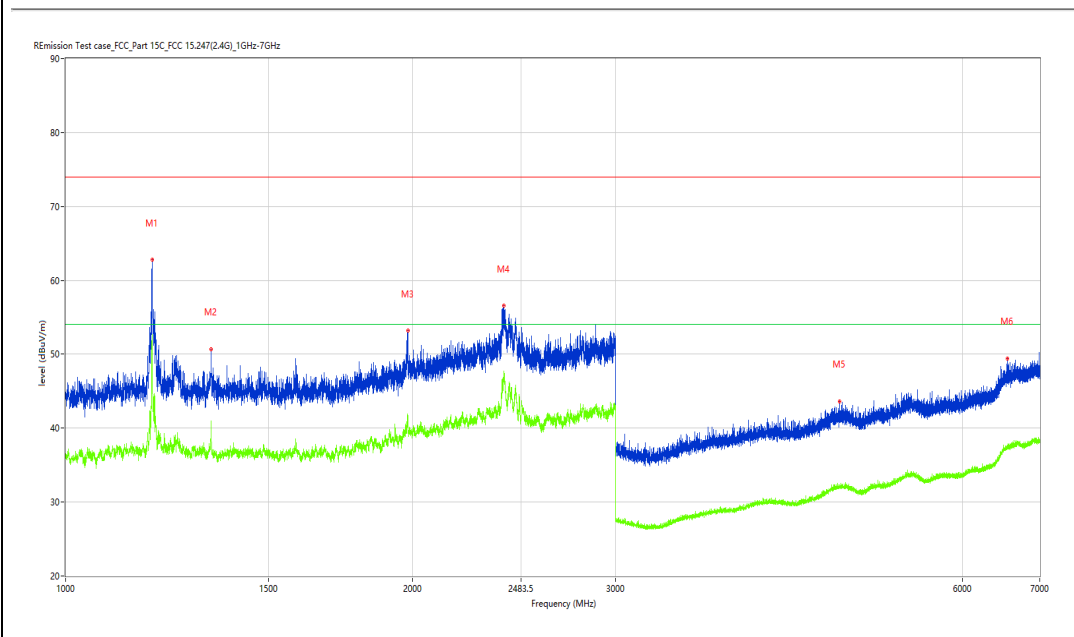
Test Engineer: LB

Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1188.226        | 62.79            | -3.85       | 74.0           | -11.21          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 1** | 1188.226        | 52.66            | -3.85       | 54.0           | -1.34           | AV       | 360.00         | 100         | Vertical | Pass    |
| 2   | 1336.458        | 50.71            | -4.39       | 74.0           | -23.29          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 1336.458        | 40.98            | -4.39       | 54.0           | -13.02          | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 1980.627        | 53.21            | -2.59       | 74.0           | -20.79          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 3** | 1980.627        | 41.74            | -2.59       | 54.0           | -12.26          | AV       | 360.00         | 100         | Vertical | Pass    |
| 4   | 2398.075        | 56.56            | 5.45        | 74.0           | -17.44          | Peak     | 359.90         | 100         | Vertical | Pass    |
| 4** | 2398.075        | 47.06            | 5.45        | 54.0           | -6.94           | AV       | 359.90         | 100         | Vertical | Pass    |
| 5   | 4694.788        | 43.64            | 0.95        | 74.0           | -30.36          | Peak     | 198.50         | 100         | Vertical | Pass    |
| 5** | 4694.788        | 32.36            | 0.95        | 54.0           | -21.64          | AV       | 198.50         | 100         | Vertical | Pass    |
| 6   | 6558.555        | 49.45            | 5.17        | 74.0           | -24.55          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 6558.555        | 37.63            | 5.17        | 54.0           | -16.37          | AV       | 360.00         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.36.27

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

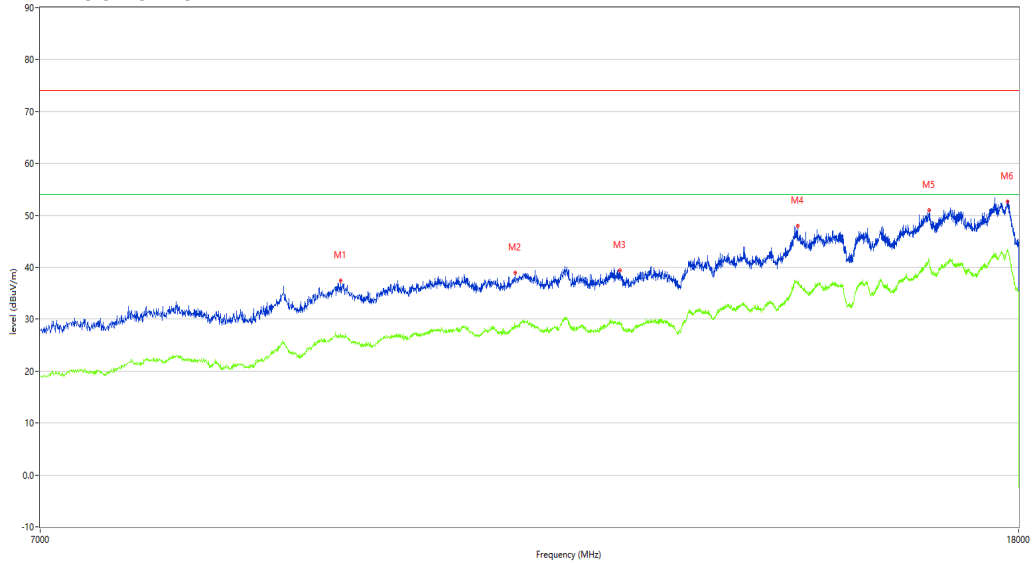
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 9356.161        | 37.43            | -23.16      | 74.0           | -36.57          | Peak     | 124.70         | 100         | Vertical | Pass    |
| 1** | 9356.161        | 26.69            | -23.16      | 54.0           | -27.31          | AV       | 124.70         | 100         | Vertical | Pass    |
| 2   | 11068.983       | 38.99            | -22.18      | 74.0           | -35.01          | Peak     | 100.50         | 100         | Vertical | Pass    |
| 2** | 11068.983       | 28.28            | -22.18      | 54.0           | -25.72          | AV       | 100.50         | 100         | Vertical | Pass    |
| 3   | 12248.438       | 39.32            | -21.90      | 74.0           | -34.68          | Peak     | 342.80         | 100         | Vertical | Pass    |
| 3** | 12248.438       | 29.13            | -21.90      | 54.0           | -24.87          | AV       | 342.80         | 100         | Vertical | Pass    |
| 4   | 14541.365       | 47.92            | -16.05      | 74.0           | -26.08          | Peak     | 2.60           | 100         | Vertical | Pass    |
| 4** | 14541.365       | 37.15            | -16.05      | 54.0           | -16.85          | AV       | 2.60           | 100         | Vertical | Pass    |
| 5   | 16507.123       | 50.99            | -12.47      | 74.0           | -23.01          | Peak     | 216.30         | 100         | Vertical | Pass    |
| 5** | 16507.123       | 40.93            | -12.47      | 54.0           | -13.07          | AV       | 216.30         | 100         | Vertical | Pass    |
| 6   | 17810.297       | 52.73            | -11.29      | 74.0           | -21.27          | Peak     | 198.00         | 100         | Vertical | Pass    |
| 6** | 17810.297       | 43.08            | -11.29      | 54.0           | -10.92          | AV       | 198.00         | 100         | Vertical | Pass    |

# WIFI2.4G-N-Middle channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_11.14.27

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

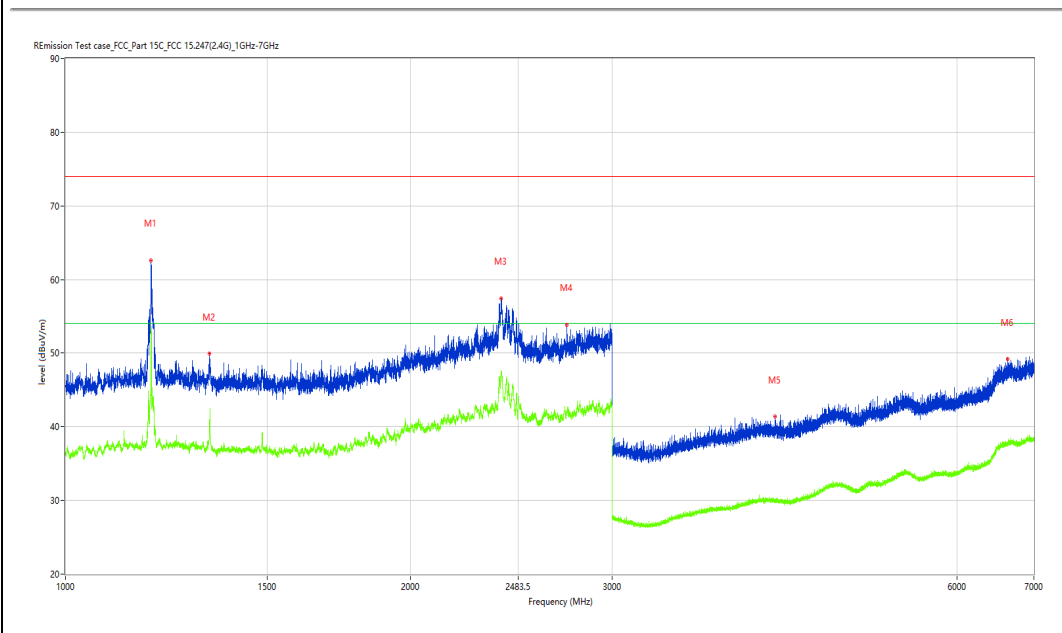
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.977        | 62.60            | -3.88       | 74.0           | -11.40          | Peak     | 318.80         | 100         | Horizontal | Pass    |
| 1** | 1187.977        | 52.32            | -3.88       | 54.0           | -1.68           | AV       | 318.80         | 100         | Horizontal | Pass    |
| 2   | 1335.458        | 49.91            | -4.37       | 74.0           | -24.09          | Peak     | 318.80         | 100         | Horizontal | Pass    |
| 2** | 1335.458        | 40.34            | -4.37       | 54.0           | -13.66          | AV       | 318.80         | 100         | Horizontal | Pass    |
| 3   | 2398.825        | 57.44            | 5.42        | 74.0           | -16.56          | Peak     | 332.90         | 100         | Horizontal | Pass    |
| 3** | 2398.825        | 47.36            | 5.42        | 54.0           | -6.64           | AV       | 332.90         | 100         | Horizontal | Pass    |
| 4   | 2739.533        | 53.88            | 1.33        | 74.0           | -20.12          | Peak     | 353.20         | 100         | Horizontal | Pass    |
| 4** | 2739.533        | 41.81            | 1.33        | 54.0           | -12.19          | AV       | 353.20         | 100         | Horizontal | Pass    |
| 5   | 4162.355        | 41.38            | -0.04       | 74.0           | -32.62          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 4162.355        | 30.01            | -0.04       | 54.0           | -23.99          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 6642.545        | 49.24            | 5.52        | 74.0           | -24.76          | Peak     | 133.10         | 100         | Horizontal | Pass    |
| 6** | 6642.545        | 37.54            | 5.52        | 54.0           | -16.46          | AV       | 133.10         | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.23.13

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

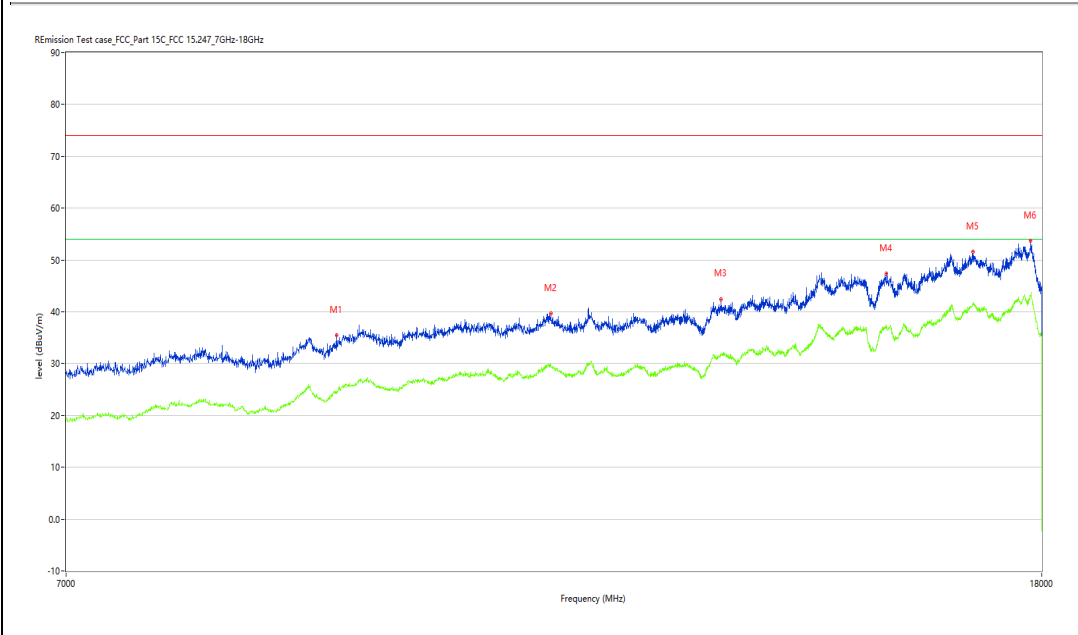
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 9094.976        | 35.51            | -26.23      | 74.0           | -38.49          | Peak     | 306.00         | 100         | Horizontal | Pass    |
| 1** | 9094.976        | 24.21            | -26.23      | 54.0           | -29.79          | AV       | 306.00         | 100         | Horizontal | Pass    |
| 2   | 11189.953       | 39.67            | -22.27      | 74.0           | -34.33          | Peak     | 255.30         | 100         | Horizontal | Pass    |
| 2** | 11189.953       | 29.25            | -22.27      | 54.0           | -24.75          | AV       | 255.30         | 100         | Horizontal | Pass    |
| 3   | 13194.201       | 42.47            | -20.66      | 74.0           | -31.53          | Peak     | 273.90         | 100         | Horizontal | Pass    |
| 3** | 13194.201       | 31.73            | -20.66      | 54.0           | -22.27          | AV       | 273.90         | 100         | Horizontal | Pass    |
| 4   | 15487.128       | 47.42            | -17.70      | 74.0           | -26.58          | Peak     | 138.90         | 100         | Horizontal | Pass    |
| 4** | 15487.128       | 36.97            | -17.70      | 54.0           | -17.03          | AV       | 138.90         | 100         | Horizontal | Pass    |
| 5   | 16837.041       | 51.63            | -12.65      | 74.0           | -22.37          | Peak     | 359.80         | 100         | Horizontal | Pass    |
| 5** | 16837.041       | 41.33            | -12.65      | 54.0           | -12.67          | AV       | 359.80         | 100         | Horizontal | Pass    |
| 6   | 17810.297       | 53.73            | -11.29      | 74.0           | -20.27          | Peak     | 70.00          | 100         | Horizontal | Pass    |
| 6** | 17810.297       | 43.09            | -11.29      | 54.0           | -10.91          | AV       | 70.00          | 100         | Horizontal | Pass    |



# Test result

Project Number: Certification

Test Time: 2019-11-20\_11.03.18

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

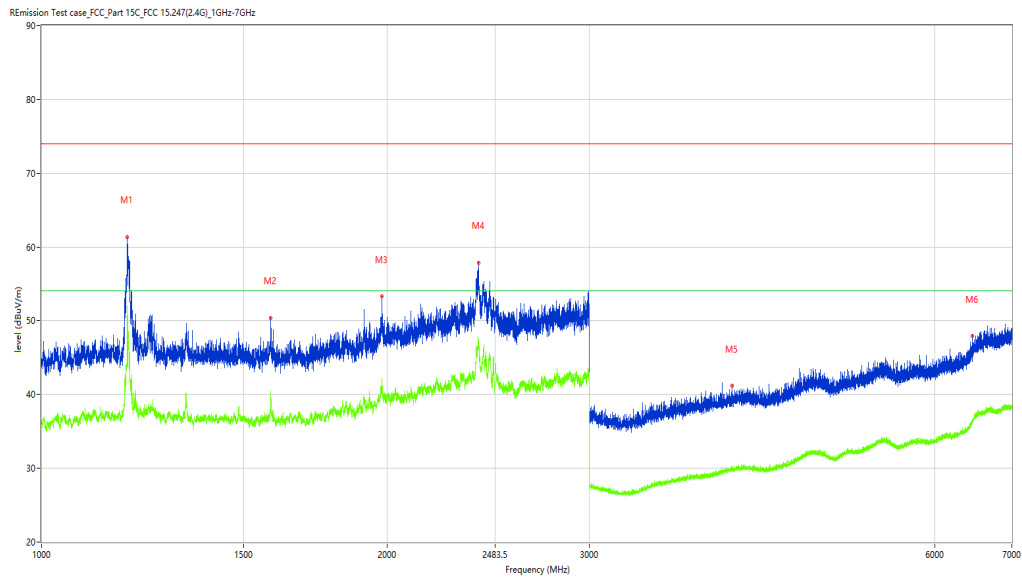
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1187.977        | 61.35            | -3.88       | 74.0           | -12.65          | Peak     | 2.00           | 100         | Vertical | Pass    |
| 1** | 1187.977        | 52.08            | -3.88       | 54.0           | -1.92           | AV       | 2.00           | 100         | Vertical | Pass    |
| 2   | 1583.677        | 50.39            | -5.11       | 74.0           | -23.61          | Peak     | 2.00           | 100         | Vertical | Pass    |
| 2** | 1583.677        | 40.13            | -5.11       | 54.0           | -13.87          | AV       | 2.00           | 100         | Vertical | Pass    |
| 3   | 1978.378        | 53.28            | -2.27       | 74.0           | -20.72          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 1978.378        | 40.71            | -2.27       | 54.0           | -13.29          | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 2402.825        | 57.88            | 5.26        | 74.0           | -16.12          | Peak     | 1.00           | 100         | Vertical | Pass    |
| 4** | 2402.825        | 47.33            | 5.26        | 54.0           | -6.67           | AV       | 1.00           | 100         | Vertical | Pass    |
| 5   | 3995.876        | 41.17            | -0.15       | 74.0           | -32.83          | Peak     | 0.70           | 100         | Vertical | Pass    |
| 5** | 3995.876        | 29.75            | -0.15       | 54.0           | -24.25          | AV       | 0.70           | 100         | Vertical | Pass    |
| 6   | 6468.066        | 47.90            | 4.91        | 74.0           | -26.10          | Peak     | 268.10         | 100         | Vertical | Pass    |
| 6** | 6468.066        | 36.22            | 4.91        | 54.0           | -17.78          | AV       | 268.10         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.42.52

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

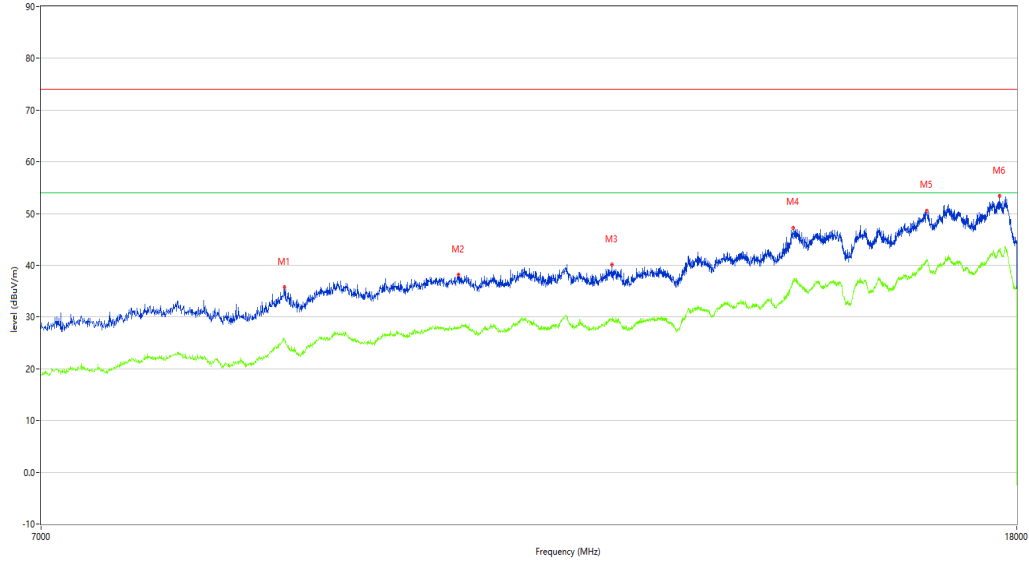
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 8858.535        | 35.82            | -25.62      | 74.0           | -38.18          | Peak     | 60.00          | 100         | Vertical | Pass    |
| 1** | 8858.535        | 25.66            | -25.62      | 54.0           | -28.34          | AV       | 60.00          | 100         | Vertical | Pass    |
| 2   | 10486.128       | 38.23            | -22.87      | 74.0           | -35.77          | Peak     | 101.70         | 100         | Vertical | Pass    |
| 2** | 10486.128       | 27.75            | -22.87      | 54.0           | -26.25          | AV       | 101.70         | 100         | Vertical | Pass    |
| 3   | 12163.209       | 40.10            | -22.04      | 74.0           | -33.90          | Peak     | 3.00           | 100         | Vertical | Pass    |
| 3** | 12163.209       | 29.38            | -22.04      | 54.0           | -24.62          | AV       | 3.00           | 100         | Vertical | Pass    |
| 4   | 14494.626       | 47.28            | -16.05      | 74.0           | -26.72          | Peak     | 92.30          | 100         | Vertical | Pass    |
| 4** | 14494.626       | 36.70            | -16.05      | 54.0           | -17.30          | AV       | 92.30          | 100         | Vertical | Pass    |
| 5   | 16501.625       | 50.60            | -12.25      | 74.0           | -23.40          | Peak     | 60.00          | 100         | Vertical | Pass    |
| 5** | 16501.625       | 41.16            | -12.25      | 54.0           | -12.84          | AV       | 60.00          | 100         | Vertical | Pass    |
| 6   | 17703.074       | 53.40            | -8.82       | 74.0           | -20.60          | Peak     | 9.00           | 100         | Vertical | Pass    |
| 6** | 17703.074       | 43.12            | -8.82       | 54.0           | -10.88          | AV       | 9.00           | 100         | Vertical | Pass    |

# WIFI2.4G-N-High channel-Horizontal-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_11.18.18

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

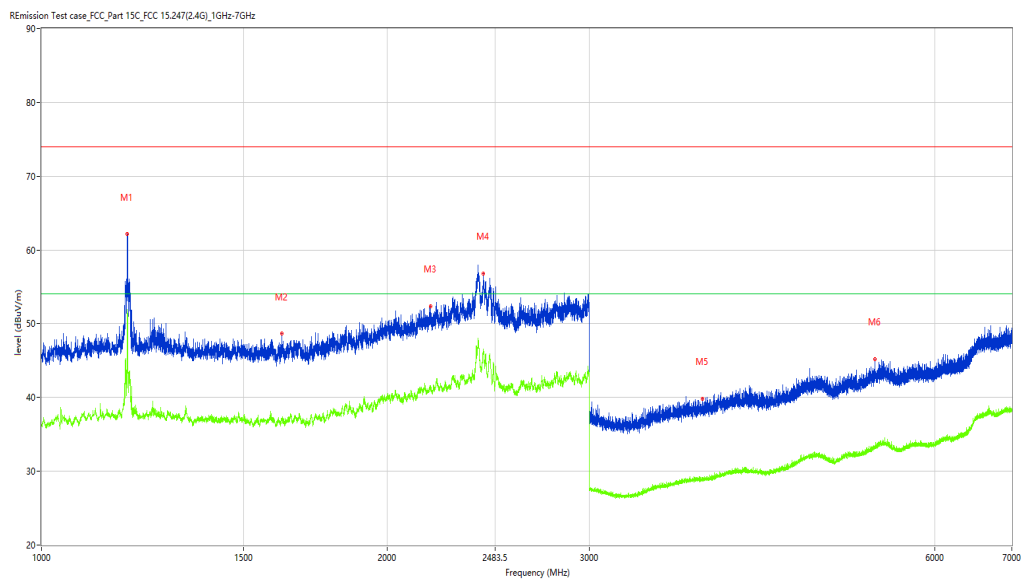
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.977        | 62.16            | -3.88       | 74.0           | -11.84          | Peak     | 80.50          | 100         | Horizontal | Pass    |
| 1** | 1187.977        | 51.93            | -3.88       | 54.0           | -2.07           | AV       | 80.50          | 100         | Horizontal | Pass    |
| 2   | 1619.173        | 48.63            | -5.27       | 74.0           | -25.37          | Peak     | 94.70          | 100         | Horizontal | Pass    |
| 2** | 1619.173        | 37.21            | -5.27       | 54.0           | -16.79          | AV       | 94.70          | 100         | Horizontal | Pass    |
| 3   | 2180.602        | 52.37            | -0.74       | 74.0           | -21.63          | Peak     | 66.00          | 100         | Horizontal | Pass    |
| 3** | 2180.602        | 41.57            | -0.74       | 54.0           | -12.43          | AV       | 66.00          | 100         | Horizontal | Pass    |
| 4   | 2426.072        | 56.83            | 4.35        | 74.0           | -17.17          | Peak     | 46.90          | 100         | Horizontal | Pass    |
| 4** | 2426.072        | 46.21            | 4.35        | 54.0           | -7.79           | AV       | 46.90          | 100         | Horizontal | Pass    |
| 5   | 3765.404        | 39.86            | -0.74       | 74.0           | -34.14          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 3765.404        | 28.68            | -0.74       | 54.0           | -25.32          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 5316.210        | 45.21            | 1.46        | 74.0           | -28.79          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 6** | 5316.210        | 33.07            | 1.46        | 54.0           | -20.93          | AV       | 0.00           | 100         | Horizontal | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.27.55

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

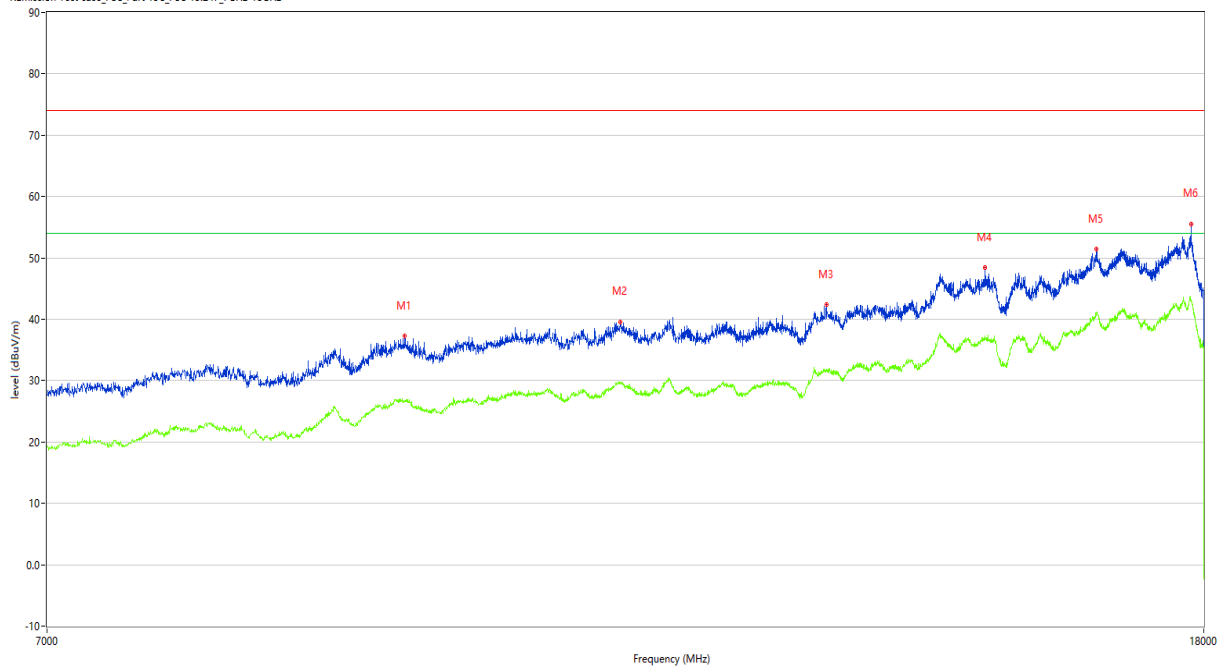
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 9375.406        | 37.21            | -23.11      | 74.0           | -36.79          | Peak     | 175.70         | 100         | Horizontal | Pass    |
| 1** | 9375.406        | 26.61            | -23.11      | 54.0           | -27.39          | AV       | 175.70         | 100         | Horizontal | Pass    |
| 2   | 11178.955       | 39.59            | -22.24      | 74.0           | -34.41          | Peak     | 332.80         | 100         | Horizontal | Pass    |
| 2** | 11178.955       | 29.65            | -22.24      | 54.0           | -24.35          | AV       | 332.80         | 100         | Horizontal | Pass    |
| 3   | 13224.444       | 42.39            | -20.65      | 74.0           | -31.61          | Peak     | 170.80         | 100         | Horizontal | Pass    |
| 3** | 13224.444       | 31.65            | -20.65      | 54.0           | -22.35          | AV       | 170.80         | 100         | Horizontal | Pass    |
| 4   | 15058.235       | 48.44            | -16.73      | 74.0           | -25.56          | Peak     | 198.80         | 100         | Horizontal | Pass    |
| 4** | 15058.235       | 36.65            | -16.73      | 54.0           | -17.35          | AV       | 198.80         | 100         | Horizontal | Pass    |
| 5   | 16485.129       | 51.46            | -12.48      | 74.0           | -22.54          | Peak     | 332.80         | 100         | Horizontal | Pass    |
| 5** | 16485.129       | 40.64            | -12.48      | 54.0           | -13.36          | AV       | 332.80         | 100         | Horizontal | Pass    |
| 6   | 17815.796       | 55.56            | -11.50      | 74.0           | -18.44          | Peak     | 272.50         | 100         | Horizontal | Pass    |
| 6** | 17815.796       | 43.14            | -11.50      | 54.0           | -10.86          | AV       | 272.50         | 100         | Horizontal | Pass    |

# WIFI2.4G-N-High channel-Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-20\_11.06.04

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

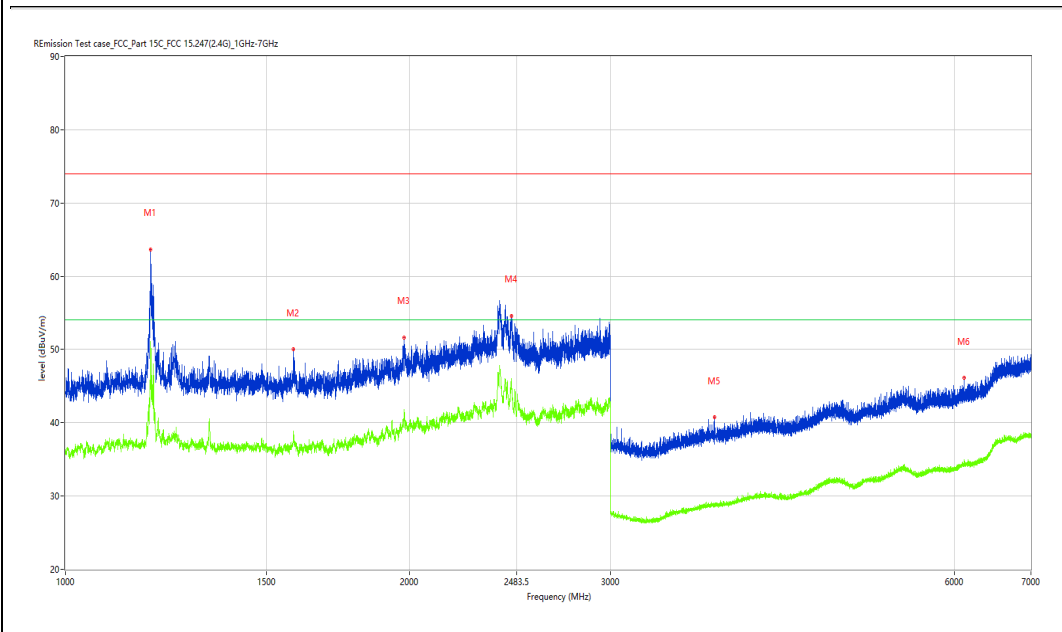
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1187.727        | 63.67            | -3.90       | 74.0           | -10.33          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 1** | 1187.727        | 51.07            | -3.90       | 54.0           | -2.93           | AV       | 360.00         | 100         | Vertical | Pass    |
| 2   | 1583.677        | 50.00            | -5.11       | 74.0           | -24.00          | Peak     | 360.50         | 100         | Vertical | Pass    |
| 2** | 1583.677        | 38.80            | -5.11       | 54.0           | -15.20          | AV       | 360.50         | 100         | Vertical | Pass    |
| 3   | 1980.127        | 51.65            | -2.52       | 74.0           | -22.35          | Peak     | 360.50         | 100         | Vertical | Pass    |
| 3** | 1980.127        | 41.78            | -2.52       | 54.0           | -12.22          | AV       | 360.50         | 100         | Vertical | Pass    |
| 4   | 2456.068        | 54.53            | 3.18        | 74.0           | -19.47          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 4** | 2456.068        | 46.04            | 3.18        | 54.0           | -7.96           | AV       | 360.00         | 100         | Vertical | Pass    |
| 5   | 3699.413        | 40.77            | -0.74       | 74.0           | -33.23          | Peak     | 42.10          | 100         | Vertical | Pass    |
| 5** | 3699.413        | 28.79            | -0.74       | 54.0           | -25.21          | AV       | 42.10          | 100         | Vertical | Pass    |
| 6   | 6115.611        | 46.09            | 2.86        | 74.0           | -27.91          | Peak     | 229.00         | 100         | Vertical | Pass    |
| 6** | 6115.611        | 34.27            | 2.86        | 54.0           | -19.73          | AV       | 229.00         | 100         | Vertical | Pass    |

# Test result

Project Number: Certification

Test Time: 2019-11-18\_21.47.31

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

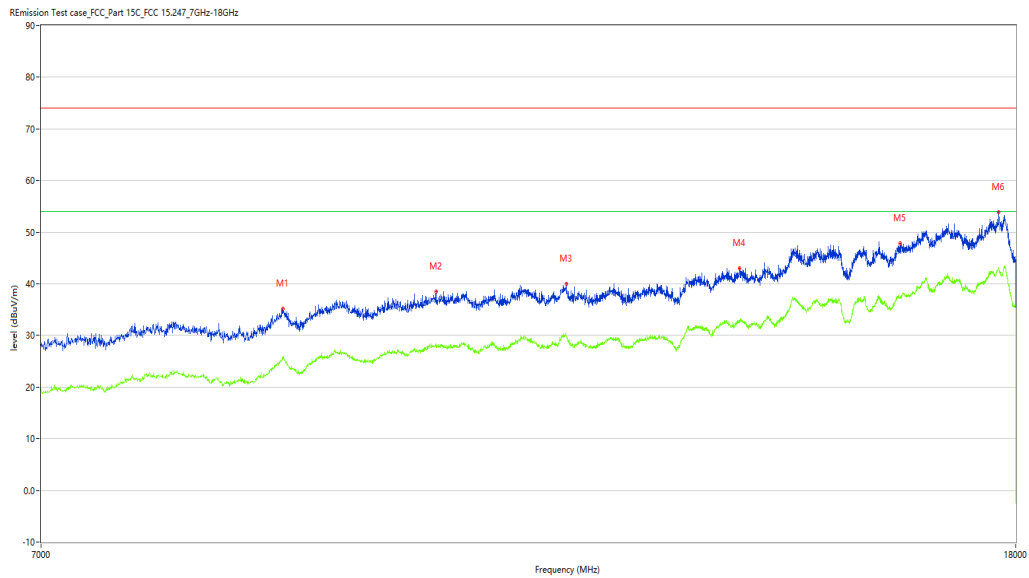
Work Addition: Normal

Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 8847.538        | 35.18            | -25.48      | 74.0           | -38.82          | Peak     | 4.20           | 100         | Vertical | Pass    |
| 1** | 8847.538        | 25.46            | -25.48      | 54.0           | -28.54          | AV       | 4.20           | 100         | Vertical | Pass    |
| 2   | 10266.183       | 38.52            | -22.16      | 74.0           | -35.48          | Peak     | 217.70         | 100         | Vertical | Pass    |
| 2** | 10266.183       | 28.46            | -22.16      | 54.0           | -25.54          | AV       | 217.70         | 100         | Vertical | Pass    |
| 3   | 11643.589       | 39.95            | -22.11      | 74.0           | -34.05          | Peak     | 120.20         | 100         | Vertical | Pass    |
| 3** | 11643.589       | 29.91            | -22.11      | 54.0           | -24.09          | AV       | 120.20         | 100         | Vertical | Pass    |
| 4   | 13774.306       | 43.00            | -19.45      | 74.0           | -31.00          | Peak     | 82.30          | 100         | Vertical | Pass    |
| 4** | 13774.306       | 32.70            | -19.45      | 54.0           | -21.30          | AV       | 82.30          | 100         | Vertical | Pass    |
| 5   | 16089.228       | 47.91            | -16.33      | 74.0           | -26.09          | Peak     | 0.20           | 100         | Vertical | Pass    |
| 5** | 16089.228       | 37.44            | -16.33      | 54.0           | -16.56          | AV       | 0.20           | 100         | Vertical | Pass    |
| 6   | 17705.824       | 53.81            | -8.93       | 74.0           | -20.19          | Peak     | 17.10          | 100         | Vertical | Pass    |
| 6** | 17705.824       | 43.01            | -8.93       | 54.0           | -10.99          | AV       | 17.10          | 100         | Vertical | Pass    |

# WIFI2.4G-Bandedge -B-Low channel- Horizontal –TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_09.47.09

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

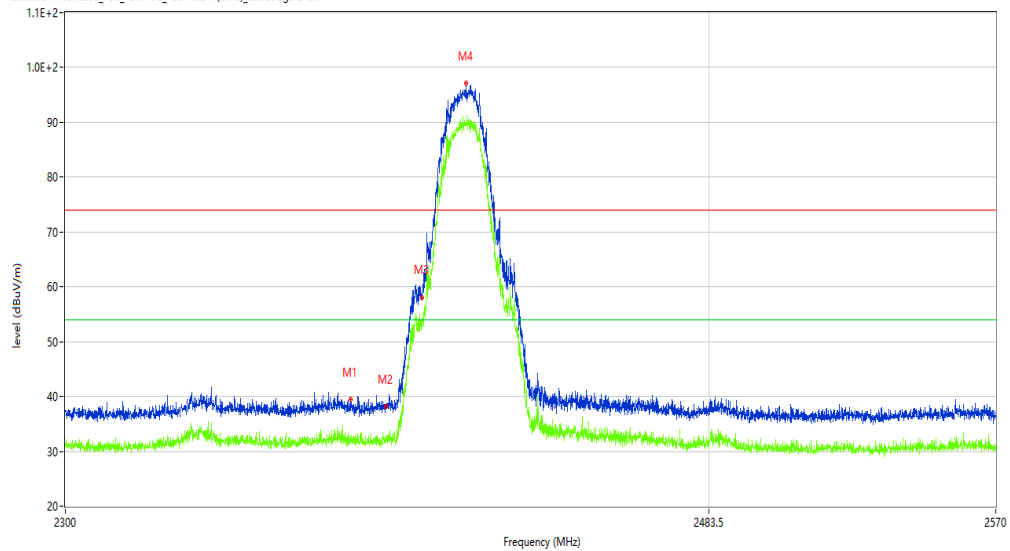
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2379.563        | 39.47            | -3.82       | 74.0           | -34.53          | Peak     | 29.10          | 100         | Horizontal | Pass    |
| 1** | 2379.563        | 32.17            | -3.82       | 54.0           | -21.83          | AV       | 29.10          | 100         | Horizontal | Pass    |
| 2   | 2390.000        | 38.13            | -3.76       | 74.0           | -35.87          | Peak     | 24.21          | 100         | H          | Pass    |
| 2** | 2390.000        | 31.76            | -3.76       | 54.0           | -22.24          | AV       | 24.21          | 100         | H          | Pass    |
| 3   | 2400.000        | 58.08            | -4.18       | 74.0           | -15.92          | Peak     | 23.40          | 100         | H          | Pass    |
| 3** | 2400.000        | 52.83            | -4.18       | 54.0           | -1.17           | AV       | 23.40          | 100         | H          | Pass    |
| 4   | 2412.562        | 97.18            | -4.15       | 74.0           | 23.18           | Peak     | 311.00         | 100         | Horizontal | N/A     |
| 4** | 2412.562        | 89.76            | -4.15       | 54.0           | 35.76           | AV       | 311.00         | 100         | Horizontal | N/A     |

# WIFI2.4G-Bandedge -B-Low channel- Vertical -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_09.51.04

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

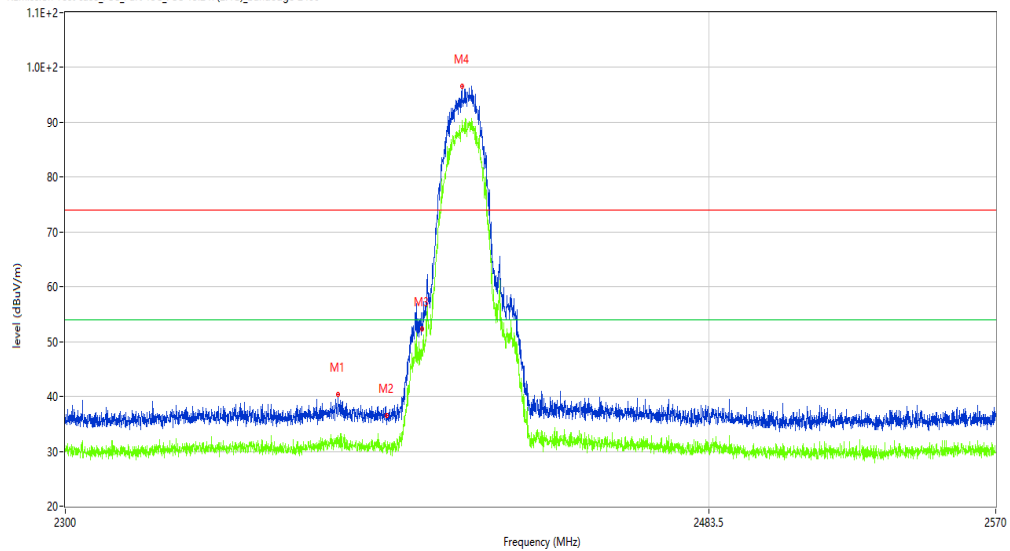
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2376.121        | 40.39            | -3.88       | 74.0           | -33.61          | Peak     | 12.40          | 100         | Vertical | Pass    |
| 1** | 2376.121        | 31.47            | -3.88       | 54.0           | -22.53          | AV       | 12.40          | 100         | Vertical | Pass    |
| 2   | 2390.000        | 36.30            | -3.76       | 74.0           | -37.70          | Peak     | 28.10          | 100         | V        | Pass    |
| 2** | 2390.000        | 31.00            | -3.76       | 54.0           | -23.00          | AV       | 28.10          | 100         | V        | Pass    |
| 3   | 2400.000        | 52.28            | -4.18       | 74.0           | -21.72          | Peak     | 44.70          | 100         | V        | Pass    |
| 3** | 2400.000        | 48.27            | -4.18       | 54.0           | -5.73           | AV       | 44.70          | 100         | V        | Pass    |
| 4   | 2411.415        | 96.60            | -4.15       | 74.0           | 22.60           | Peak     | 50.20          | 100         | Vertical | N/A     |
| 4** | 2411.415        | 89.30            | -4.15       | 54.0           | 35.30           | AV       | 50.20          | 100         | Vertical | N/A     |



# WIFI2.4G-Bandedge -B-High channel- Horizontal -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_09.55.49

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

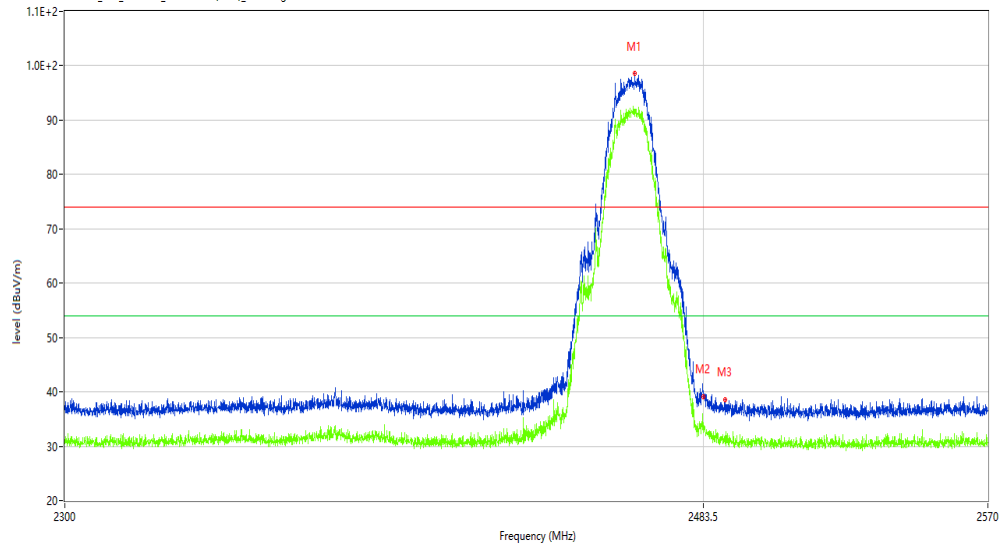
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2463.174        | 98.59            | -3.64       | 74.0           | 24.59           | Peak     | 26.20          | 100         | Horizontal | N/A     |
| 1** | 2463.174        | 91.02            | -3.64       | 54.0           | 37.02           | AV       | 26.20          | 100         | Horizontal | N/A     |
| 2   | 2483.500        | 39.18            | -3.87       | 74.0           | -34.82          | Peak     | 150.93         | 100         | H          | Pass    |
| 2** | 2483.500        | 32.70            | -3.87       | 54.0           | -21.30          | AV       | 150.93         | 100         | H          | Pass    |
| 3   | 2490.100        | 38.61            | -4.08       | 74.0           | -35.39          | Peak     | 229.30         | 100         | Horizontal | Pass    |
| 3** | 2490.100        | 31.39            | -4.08       | 54.0           | -22.61          | AV       | 229.30         | 100         | Horizontal | Pass    |

# WIFI2.4G-Bandedge -B-High channel- Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_09.53.27

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

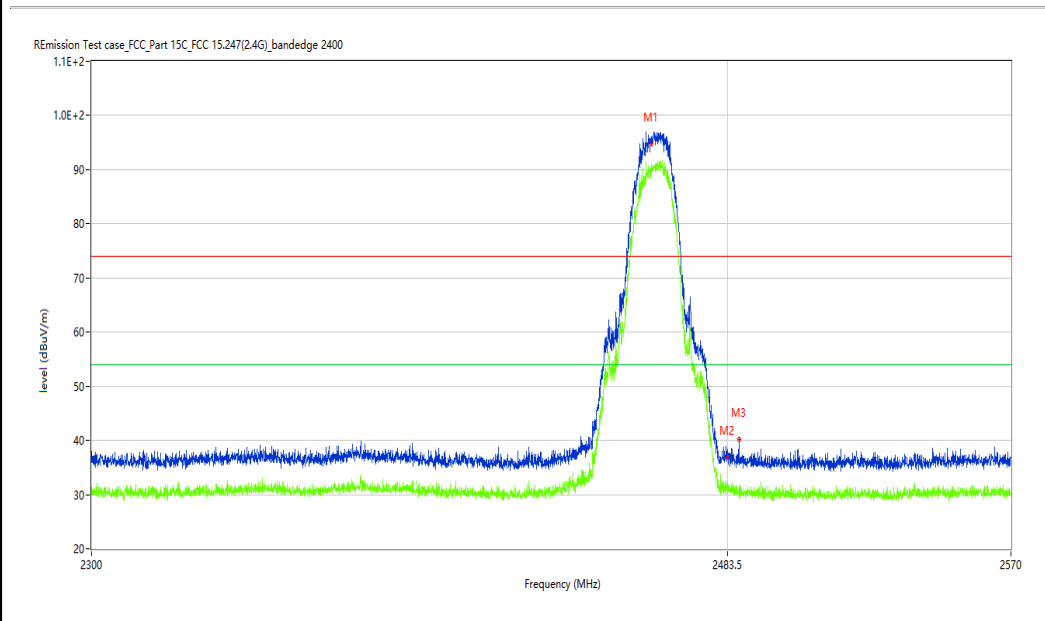
Test Engineer: LB

Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: "DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2460.947        | 93.03            | -3.68       | 74.0           | 19.03           | Peak     | 340.20         | 100         | Vertical | N/A     |
| 1** | 2460.947        | 87.26            | -3.68       | 54.0           | 33.26           | AV       | 340.20         | 100         | Vertical | N/A     |
| 2   | 2483.500        | 37.06            | -3.87       | 74.0           | -36.94          | Peak     | 325.31         | 100         | V        | Pass    |
| 2** | 2483.500        | 30.48            | -3.87       | 54.0           | -23.52          | AV       | 325.31         | 100         | V        | Pass    |
| 3   | 2486.928        | 40.11            | -3.98       | 74.0           | -33.89          | Peak     | 234.90         | 100         | Vertical | Pass    |
| 3** | 2486.928        | 31.46            | -3.98       | 54.0           | -22.54          | AV       | 234.90         | 100         | Vertical | Pass    |

# WIFI2.4G-Bandedge -G-Low channel- Horizontal –TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.23.54

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

Test Engineer: LB

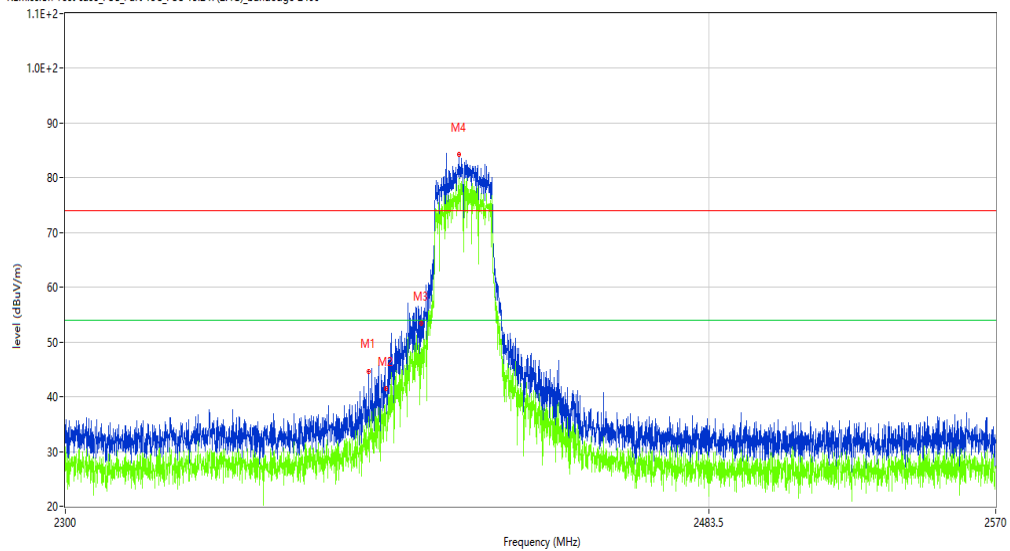
Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2384.759        | 44.56            | -3.79       | 74.0           | -29.44          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 2384.759        | 36.41            | -3.79       | 54.0           | -17.59          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 2390.000        | 41.42            | -3.76       | 74.0           | -32.58          | Peak     | 0.00           | 100         | H          | Pass    |
| 2** | 2390.000        | 35.54            | -3.76       | 54.0           | -18.46          | AV       | 0.00           | 100         | H          | Pass    |
| 3   | 2400.000        | 53.17            | -4.18       | 74.0           | -20.83          | Peak     | 0.00           | 100         | H          | Pass    |
| 3** | 2400.000        | 47.66            | -4.18       | 54.0           | -6.34           | AV       | 0.00           | 100         | H          | Pass    |
| 4   | 2410.605        | 84.27            | -4.15       | 74.0           | 10.27           | Peak     | 0.00           | 100         | Horizontal | N/A     |
| 4** | 2410.605        | 74.14            | -4.15       | 54.0           | 20.14           | AV       | 0.00           | 100         | Horizontal | N/A     |

# WIFI2.4G-Bandedge -G-Low channel- Vertical -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.39.46

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

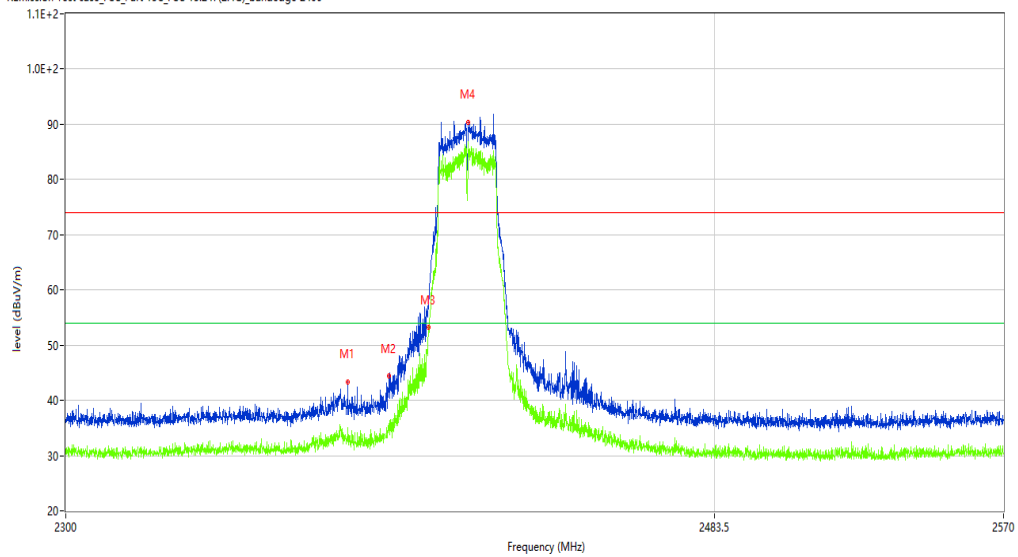
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2378.078        | 43.41            | -3.84       | 74.0           | -30.59          | Peak     | 170.50         | 100         | Vertical | Pass    |
| 1** | 2378.078        | 35.12            | -3.84       | 54.0           | -18.88          | AV       | 170.50         | 100         | Vertical | Pass    |
| 2   | 2390.000        | 44.34            | -3.76       | 74.0           | -29.66          | Peak     | 164.49         | 100         | V        | Pass    |
| 2** | 2390.000        | 35.74            | -3.76       | 54.0           | -18.26          | AV       | 164.49         | 100         | V        | Pass    |
| 3   | 2400.000        | 53.55            | -4.18       | 74.0           | -20.45          | Peak     | 148.50         | 100         | V        | Pass    |
| 3** | 2400.000        | 46.41            | -4.18       | 54.0           | -7.59           | AV       | 148.50         | 100         | V        | Pass    |
| 4   | 2412.292        | 90.28            | -4.15       | 74.0           | 16.28           | Peak     | 179.10         | 100         | Vertical | N/A     |
| 4** | 2412.292        | 86.04            | -4.15       | 54.0           | 32.04           | AV       | 179.10         | 100         | Vertical | N/A     |

# WIFI2.4G-Bandedge -G-High channel- Horizontal -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.37.46

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21.9

Hum.: 45

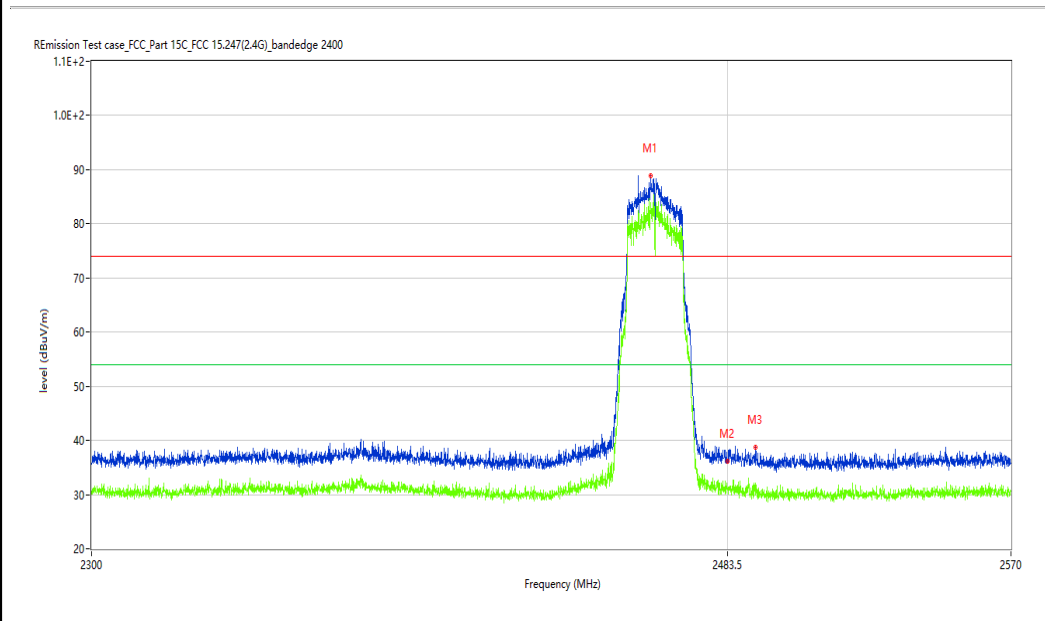
Test Engineer: LB

Test Standard: FCC

Work Addition: Normal

Load: Full load

Remark: "DR-RSE01-E19100015-01#02



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2460.677        | 88.87            | -3.68       | 74.0           | 14.87           | Peak     | 128.50         | 100         | Horizontal | N/A     |
| 1** | 2460.677        | 83.99            | -3.68       | 54.0           | 29.99           | AV       | 128.50         | 100         | Horizontal | N/A     |
| 2   | 2483.500        | 36.25            | -3.87       | 74.0           | -37.75          | Peak     | 128.67         | 100         | H          | Pass    |
| 2** | 2483.500        | 31.08            | -3.87       | 54.0           | -22.92          | AV       | 128.67         | 100         | H          | Pass    |
| 3   | 2492.057        | 38.78            | -4.15       | 74.0           | -35.22          | Peak     | 128.50         | 100         | Horizontal | Pass    |
| 3** | 2492.057        | 31.30            | -4.15       | 54.0           | -22.70          | AV       | 128.50         | 100         | Horizontal | Pass    |

# WIFI2.4G-Bandedge -G-High channel- Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.36.35

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

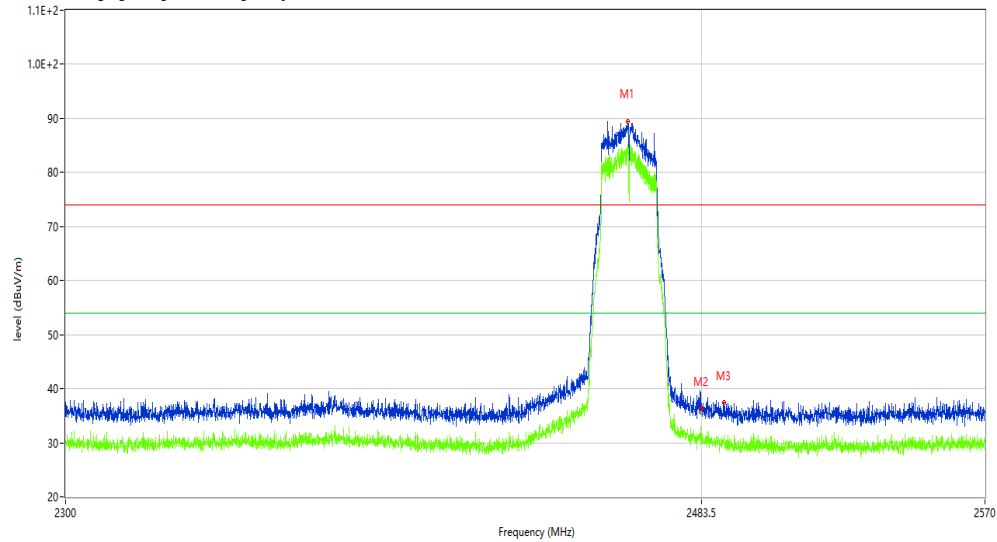
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2461.555        | 89.39            | -3.67       | 74.0           | 15.39           | Peak     | 353.50         | 100         | Vertical | N/A     |
| 1** | 2461.555        | 85.27            | -3.67       | 54.0           | 31.27           | AV       | 353.50         | 100         | Vertical | N/A     |
| 2   | 2483.500        | 36.44            | -3.87       | 74.0           | -37.56          | Peak     | 358.00         | 100         | V        | Pass    |
| 2** | 2483.500        | 30.12            | -3.87       | 54.0           | -23.88          | AV       | 358.00         | 100         | V        | Pass    |
| 3   | 2490.370        | 37.37            | -4.09       | 74.0           | -36.63          | Peak     | 323.10         | 100         | Vertical | Pass    |
| 3** | 2490.370        | 30.52            | -4.09       | 54.0           | -23.48          | AV       | 323.10         | 100         | Vertical | Pass    |

# WIFI2.4G-Bandedge -N-Low channel- Horizontal –TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.11.23

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

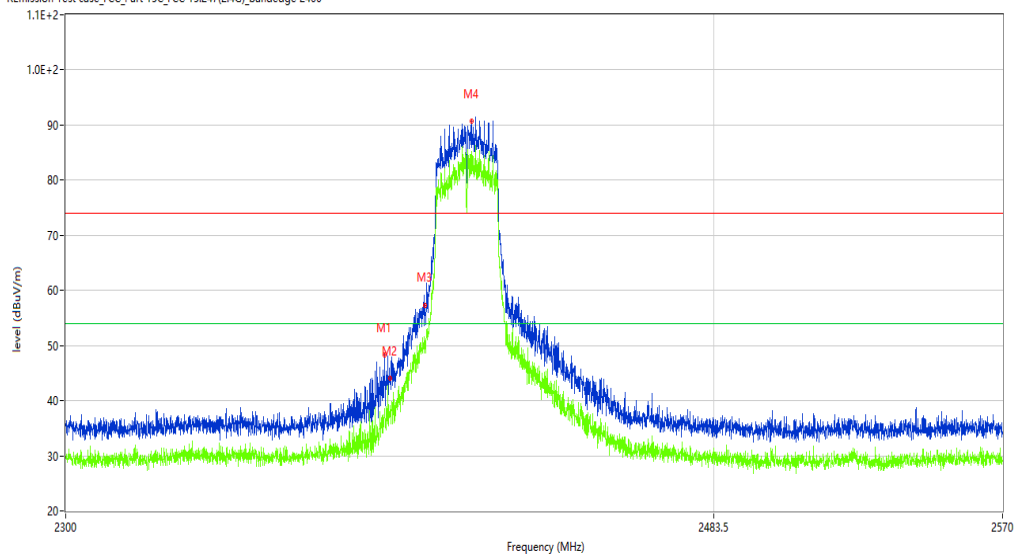
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2388.470        | 48.27            | -3.77       | 74.0           | -25.73          | Peak     | 353.00         | 100         | Horizontal | Pass    |
| 1** | 2388.470        | 38.20            | -3.77       | 54.0           | -15.80          | AV       | 353.00         | 100         | Horizontal | Pass    |
| 2   | 2390.000        | 43.98            | -3.76       | 74.0           | -30.02          | Peak     | 357.70         | 100         | H          | Pass    |
| 2** | 2390.000        | 37.04            | -3.76       | 54.0           | -16.96          | AV       | 357.70         | 100         | H          | Pass    |
| 3   | 2400.000        | 57.35            | -4.18       | 74.0           | -16.65          | Peak     | 360.43         | 100         | H          | Pass    |
| 3** | 2400.000        | 50.71            | -4.18       | 54.0           | -3.29           | AV       | 360.43         | 100         | H          | Pass    |
| 4   | 2413.237        | 90.76            | -4.15       | 74.0           | 16.76           | Peak     | 360.00         | 100         | Horizontal | N/A     |
| 4** | 2413.237        | 85.27            | -4.15       | 54.0           | 31.27           | AV       | 360.00         | 100         | Horizontal | N/A     |

# WIFI2.4G-Bandedge -N-Low channel- Vertical -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.13.41

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

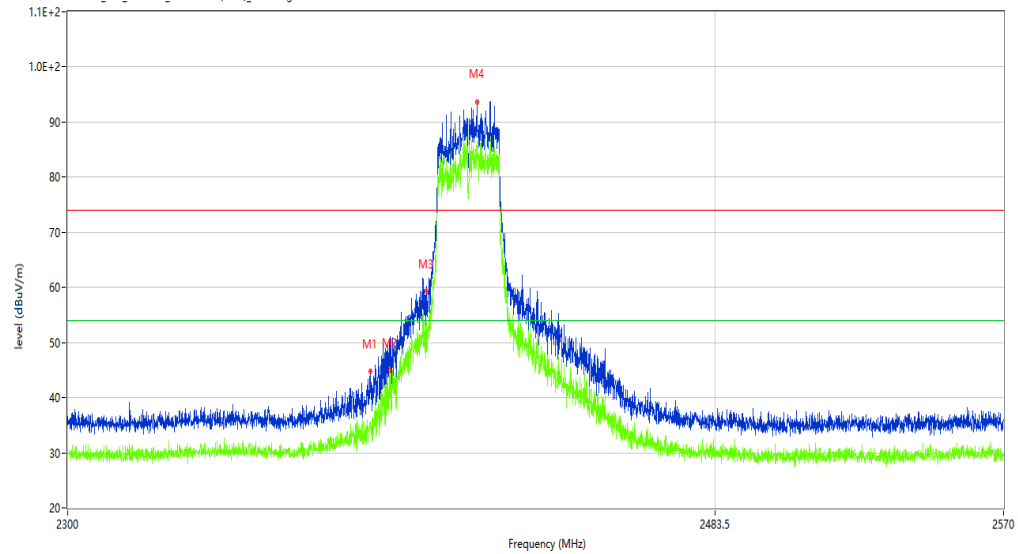
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2384.084        | 44.84            | -3.79       | 74.0           | -29.16          | Peak     | 40.30          | 100         | Vertical | Pass    |
| 1** | 2384.084        | 35.10            | -3.79       | 54.0           | -18.90          | AV       | 40.30          | 100         | Vertical | Pass    |
| 2   | 2390.000        | 45.33            | -3.76       | 74.0           | -28.67          | Peak     | 40.30          | 100         | Vertical | Pass    |
| 2** | 2390.000        | 39.02            | -3.76       | 54.0           | -14.98          | AV       | 40.30          | 100         | Vertical | Pass    |
| 3   | 2400.000        | 59.72            | -4.18       | 74.0           | -14.28          | Peak     | 36.81          | 100         | Vertical | Pass    |
| 3** | 2400.000        | 52.58            | -4.18       | 54.0           | -1.42           | AV       | 36.81          | 100         | Vertical | Pass    |
| 4   | 2414.384        | 93.74            | -4.15       | 74.0           | 19.74           | Peak     | 40.30          | 100         | Vertical | N/A     |
| 4** | 2414.384        | 85.58            | -4.15       | 54.0           | 31.58           | AV       | 40.30          | 100         | Vertical | N/A     |



# WIFI2.4G-Bandedge -N-High channel- Horizontal -TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.20.14

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

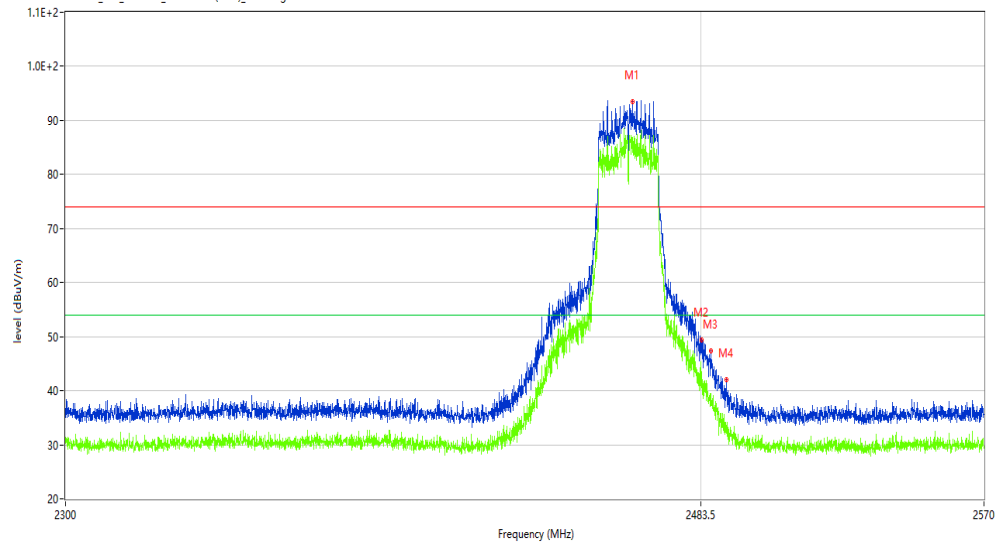
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 2463.174        | 93.51            | -3.64       | 74.0           | 19.51           | Peak     | 360.00         | 100         | Horizontal | N/A     |
| 1** | 2463.174        | 86.06            | -3.64       | 54.0           | 32.06           | AV       | 360.00         | 100         | Horizontal | N/A     |
| 2   | 2483.500        | 49.45            | -3.87       | 74.0           | -24.55          | Peak     | 306.05         | 100         | H          | Pass    |
| 2** | 2483.500        | 44.61            | -3.87       | 54.0           | -9.39           | AV       | 306.05         | 100         | H          | Pass    |
| 3   | 2486.658        | 47.32            | -3.97       | 74.0           | -26.68          | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 3** | 2486.658        | 39.55            | -3.97       | 54.0           | -14.45          | AV       | 359.00         | 100         | Horizontal | Pass    |
| 4   | 2491.247        | 42.03            | -4.12       | 74.0           | -31.97          | Peak     | 356.50         | 100         | Horizontal | Pass    |
| 4** | 2491.247        | 33.65            | -4.12       | 54.0           | -20.35          | AV       | 356.50         | 100         | Horizontal | Pass    |

# WIFI2.4G-Bandedge -N-High channel- Vertical-TX

## Test result

Project Number: Certification

Test Time: 2019-11-21\_10.17.09

EUT Name: N.A

Test Engineer: LB

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: Normal

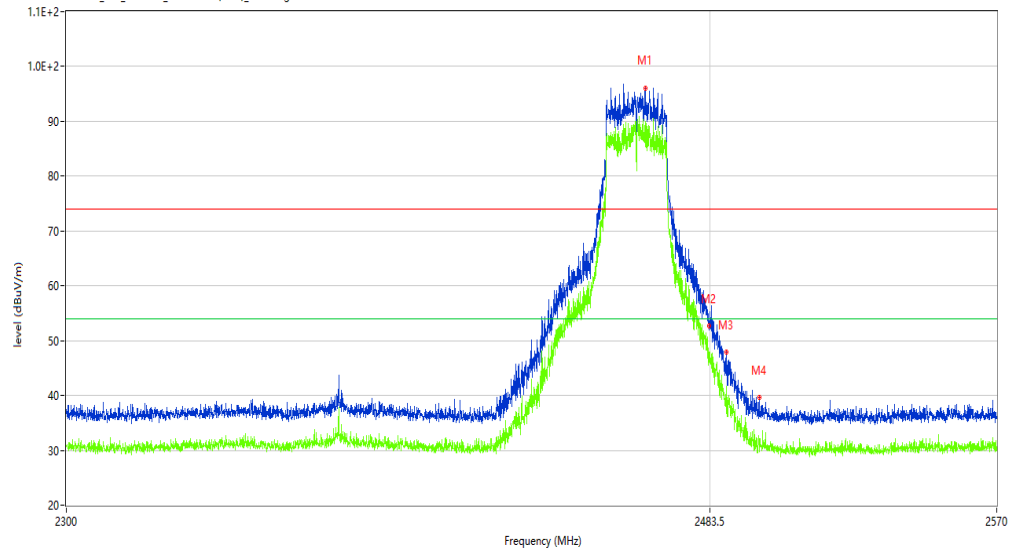
Temp.(oC): 21.9

Load: Full load

Hum.: 45

Remark: "DR-RSE01-E19100015-01#02

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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 2464.456        | 96.07            | -3.62       | 74.0           | 22.07           | Peak     | 212.70         | 100         | Vertical | N/A     |
| 1** | 2464.456        | 89.91            | -3.62       | 54.0           | 35.91           | AV       | 212.70         | 100         | Vertical | N/A     |
| 2   | 2483.500        | 52.93            | -3.87       | 74.0           | -21.07          | Peak     | 236.64         | 100         | V        | Pass    |
| 2** | 2483.500        | 46.32            | -3.87       | 54.0           | -7.68           | AV       | 236.64         | 100         | V        | Pass    |
| 3   | 2488.480        | 47.85            | -4.03       | 74.0           | -26.15          | Peak     | 220.90         | 100         | Vertical | Pass    |
| 3** | 2488.480        | 41.68            | -4.03       | 54.0           | -12.32          | AV       | 220.90         | 100         | Vertical | Pass    |
| 4   | 2498.198        | 39.60            | -4.37       | 74.0           | -34.40          | Peak     | 216.80         | 100         | Vertical | Pass    |
| 4** | 2498.198        | 32.05            | -4.37       | 54.0           | -21.95          | AV       | 216.80         | 100         | Vertical | Pass    |