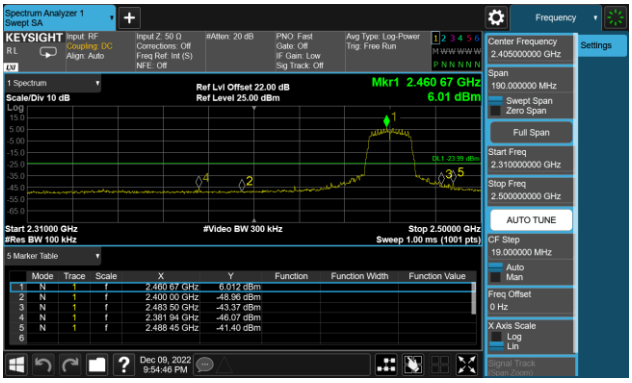
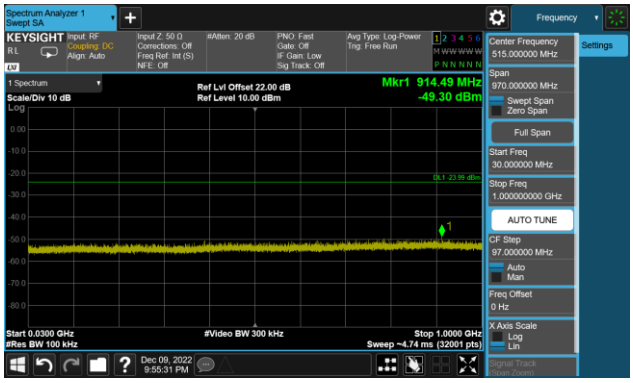
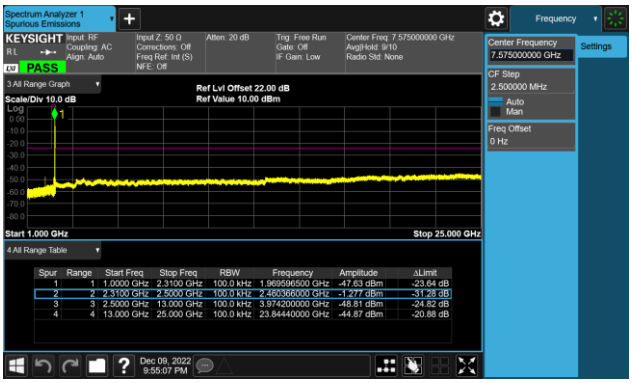
## 802.11 n20 CH11 (2462MHz)



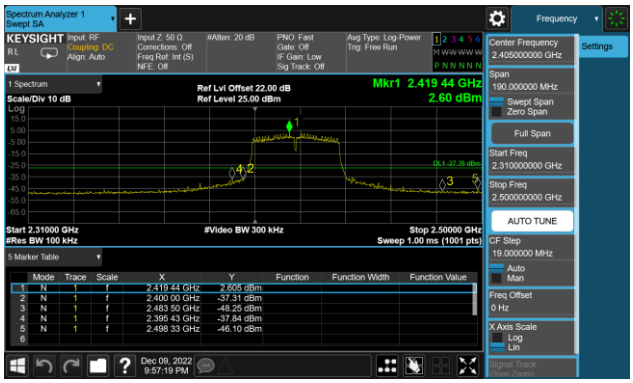

## 802.11 n20 CH11 (2462MHz)



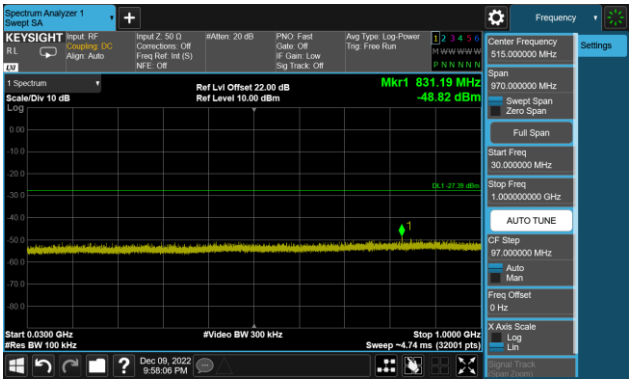

## 802.11 n20 CH11 (2462MHz)



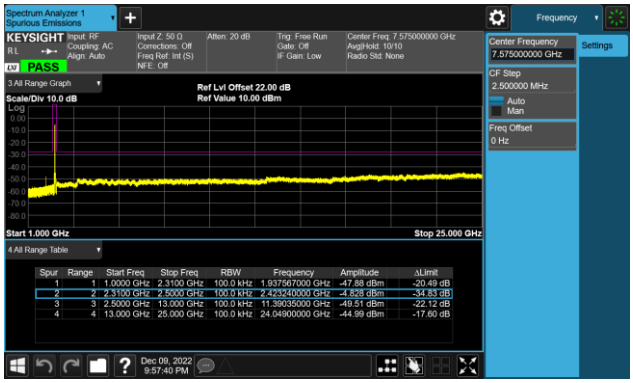

## 802.11 n40 CH03 (2422MHz)




## 802.11 n40 CH03 (2422MHz)

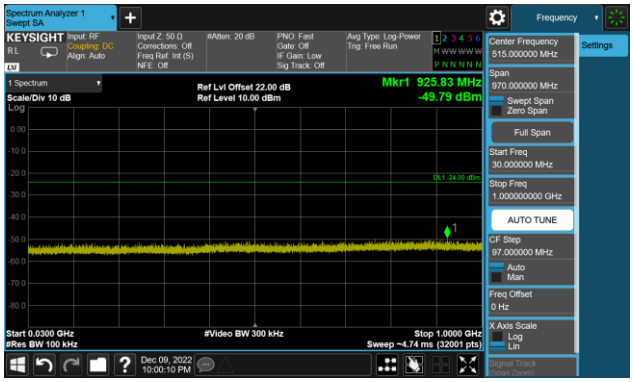



## 802.11 n40 CH03 (2422MHz)

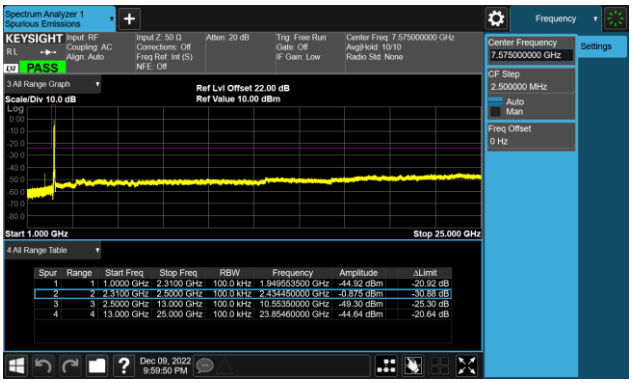


## 802.11 n40 CH06 (2437MHz)

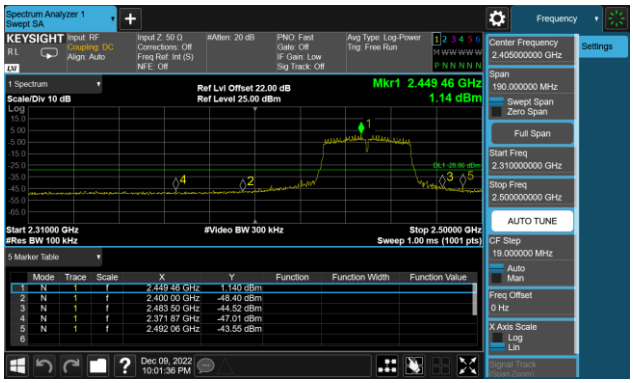
## 802.11 n40 CH06 (2437MHz)



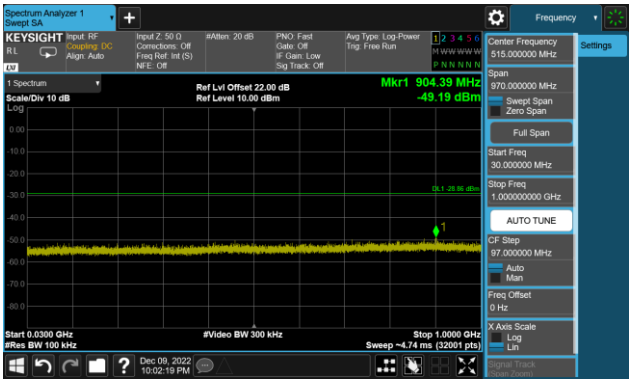

## 802.11 n40 CH06 (2437MHz)



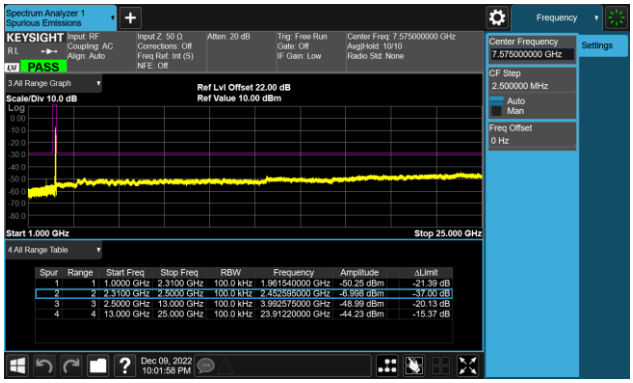

## 802.11 n40 CH09 (2452MHz)




## 802.11 n40 CH09 (2452MHz)




## 802.11 n40 CH09 (2452MHz)



## 7.6. Radiated Spurious Emission Measurement

### 7.6.1.Test Limit

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

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

### 7.6.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10-2013 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

### 7.6.3.Test Setting

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

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

**Quasi-Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

**Peak Measurements above 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method VB)**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

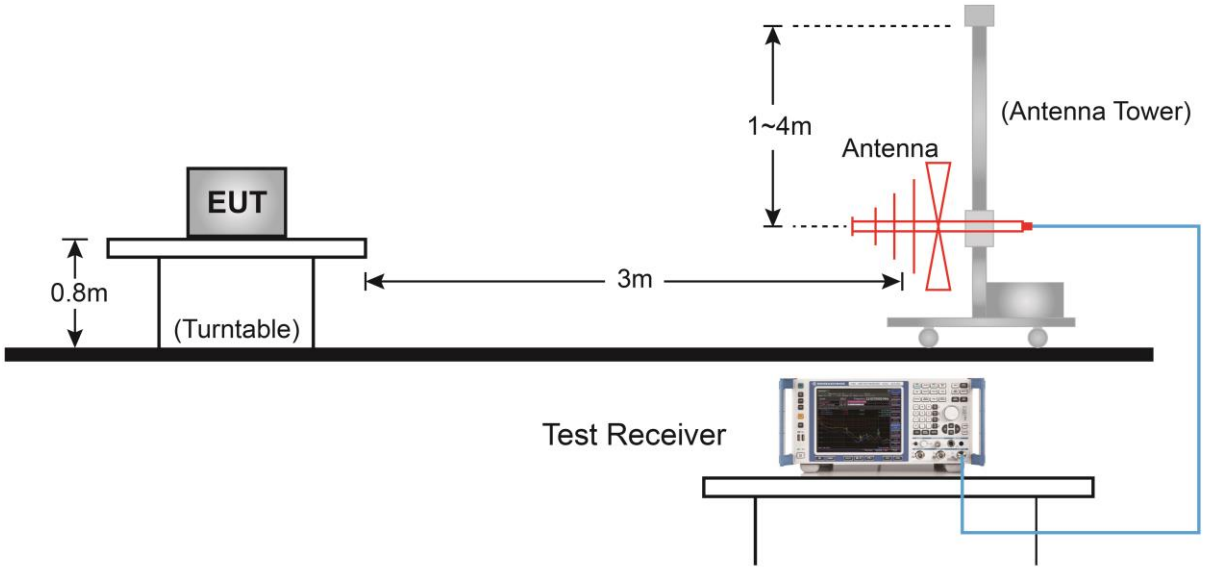
5. Sweep time = auto

6. Trace mode = max hold

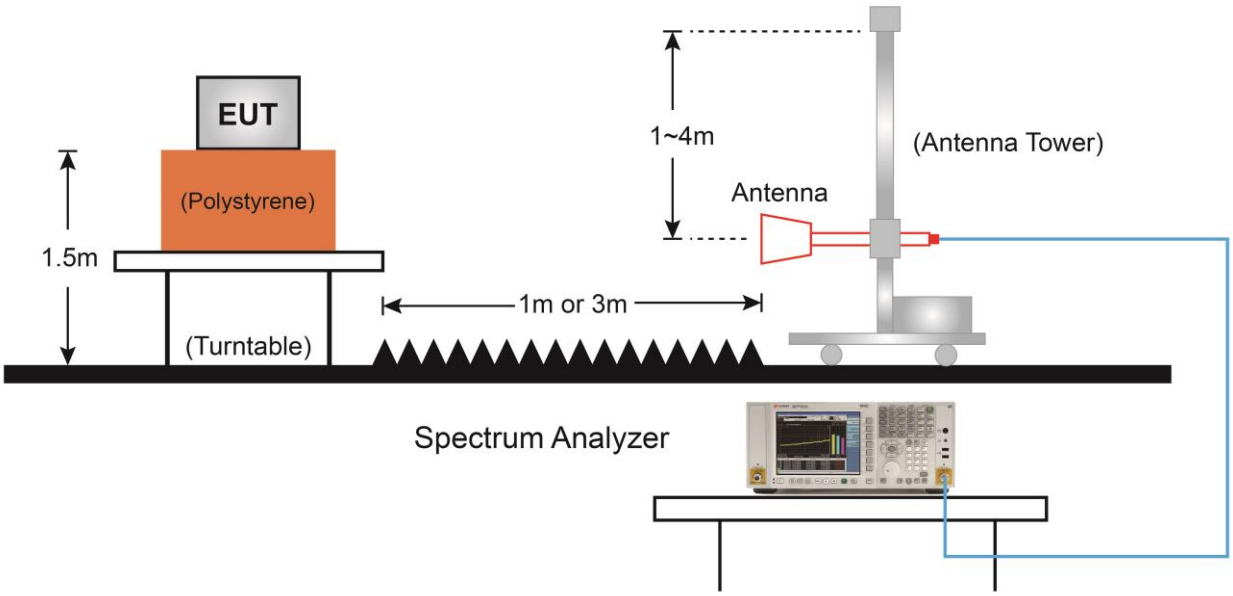
7. Trace was allowed to stabilize

### 7.6.4.Test Setup

Below 1GHz Test Setup:

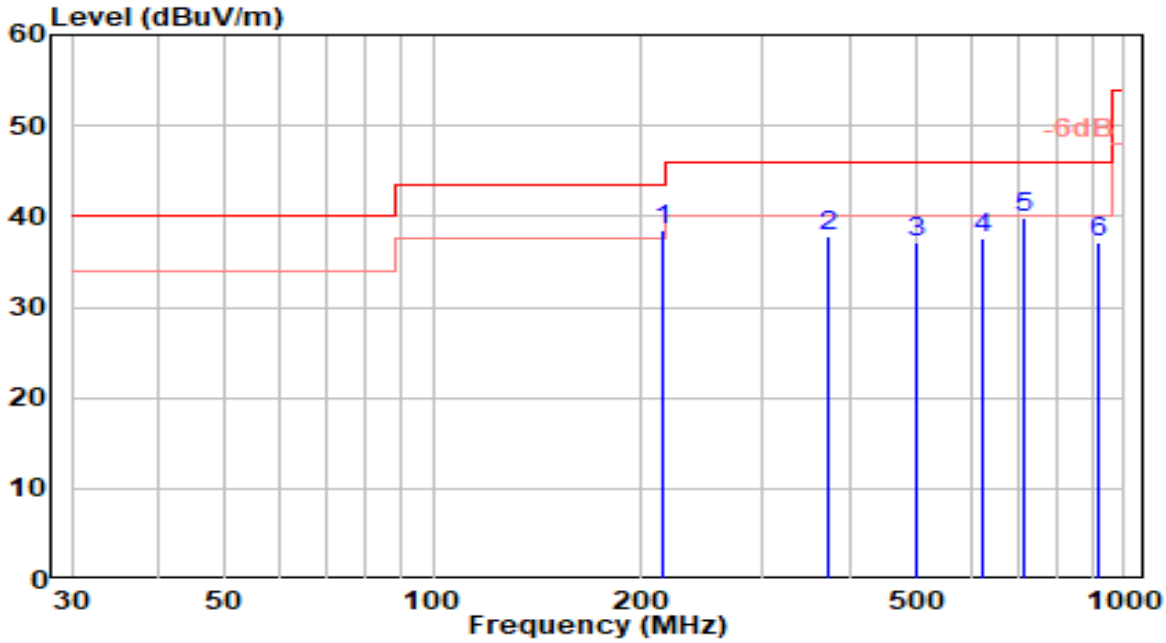



Above 1GHz Test Setup:



### 7.6.5.Test Result

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-11-28 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/60Hz |

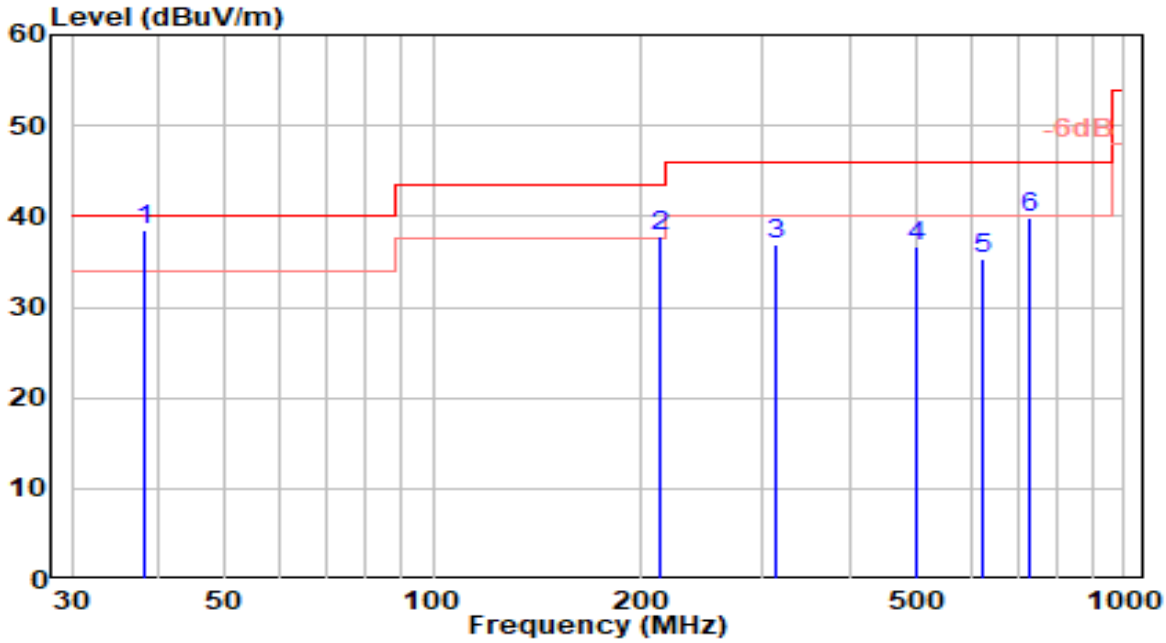



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 215.630 | 19.57 | 18.87 | 38.45 | -5.05 | 43.50 | 170 | 40 | QP |
| 2 | | 374.310 | 14.34 | 23.48 | 37.82 | -8.18 | 46.00 | 100 | 103 | QP |
| 3 | | 501.970 | 11.31 | 25.75 | 37.06 | -8.94 | 46.00 | 100 | 116 | QP |
| 4 | | 624.600 | 9.62 | 27.93 | 37.55 | -8.45 | 46.00 | 150 | 59 | QP |
| 5 | | 715.970 | 10.63 | 29.14 | 39.77 | -6.23 | 46.00 | 150 | 140 | QP |
| 6 | | 919.790 | 5.51 | 31.64 | 37.15 | -8.85 | 46.00 | 100 | 314 | QP |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-11-28 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/60Hz |

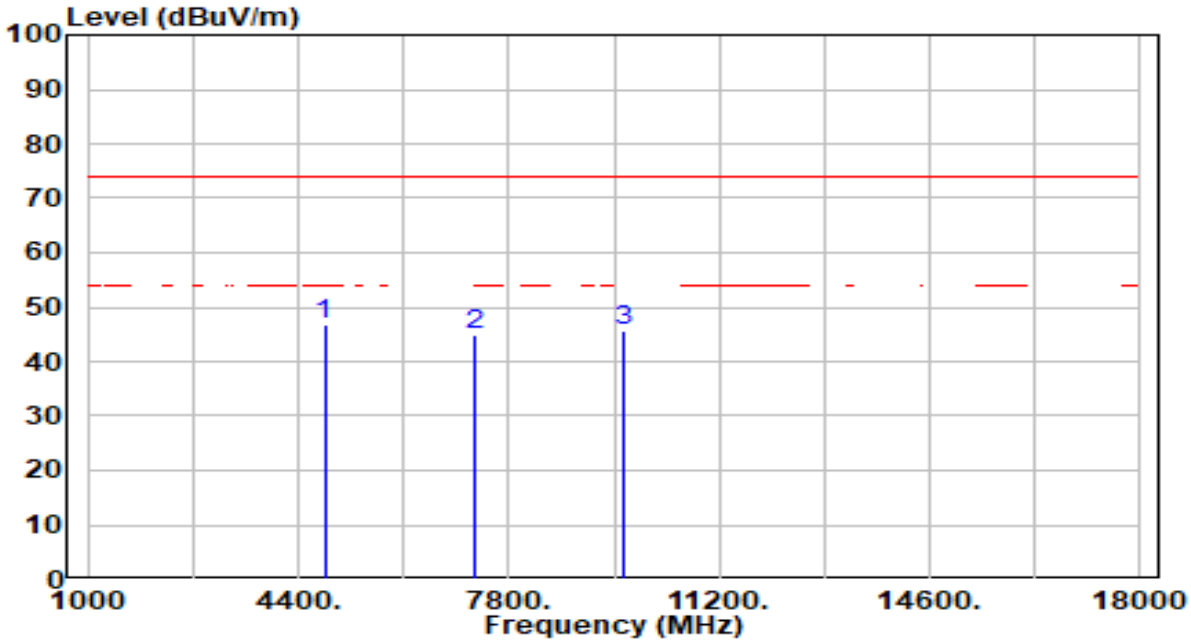



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 38.120 | 18.82 | 19.72 | 38.54 | -1.46 | 40.00 | 100 | 197 | QP |
| 2 | | 213.880 | 19.10 | 18.80 | 37.90 | -5.60 | 43.50 | 100 | 90 | QP |
| 3 | | 313.230 | 15.12 | 21.78 | 36.90 | -9.10 | 46.00 | 150 | 17 | QP |
| 4 | | 501.600 | 10.99 | 25.74 | 36.74 | -9.26 | 46.00 | 100 | 90 | QP |
| 5 | | 624.910 | 7.30 | 27.93 | 35.23 | -10.77 | 46.00 | 150 | 12 | QP |
| 6 | | 726.460 | 10.57 | 29.28 | 39.86 | -6.14 | 46.00 | 150 | 15 | QP |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

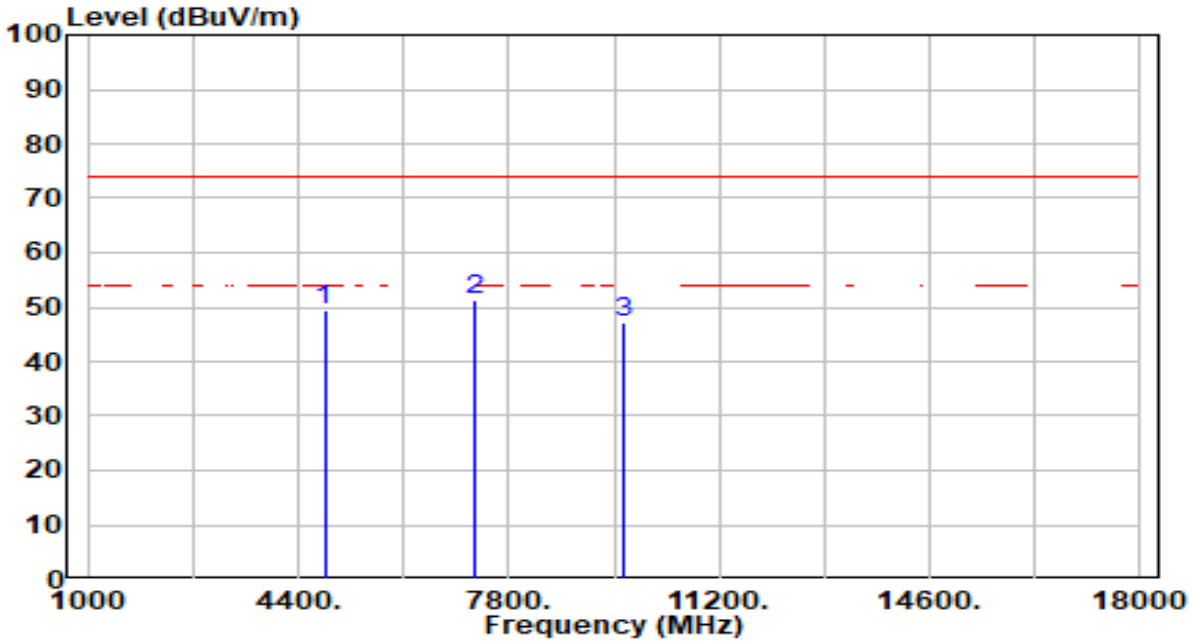



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 4824.000 | 46.58 | 0.25 | 46.83 | -27.17 | 74.00 | 300 | 44 | Peak |
| 2 | | 7236.000 | 39.24 | 5.81 | 45.05 | -28.95 | 74.00 | 100 | 26 | Peak |
| 3 | | 9648.000 | 40.32 | 5.32 | 45.64 | -28.36 | 74.00 | 100 | 0 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

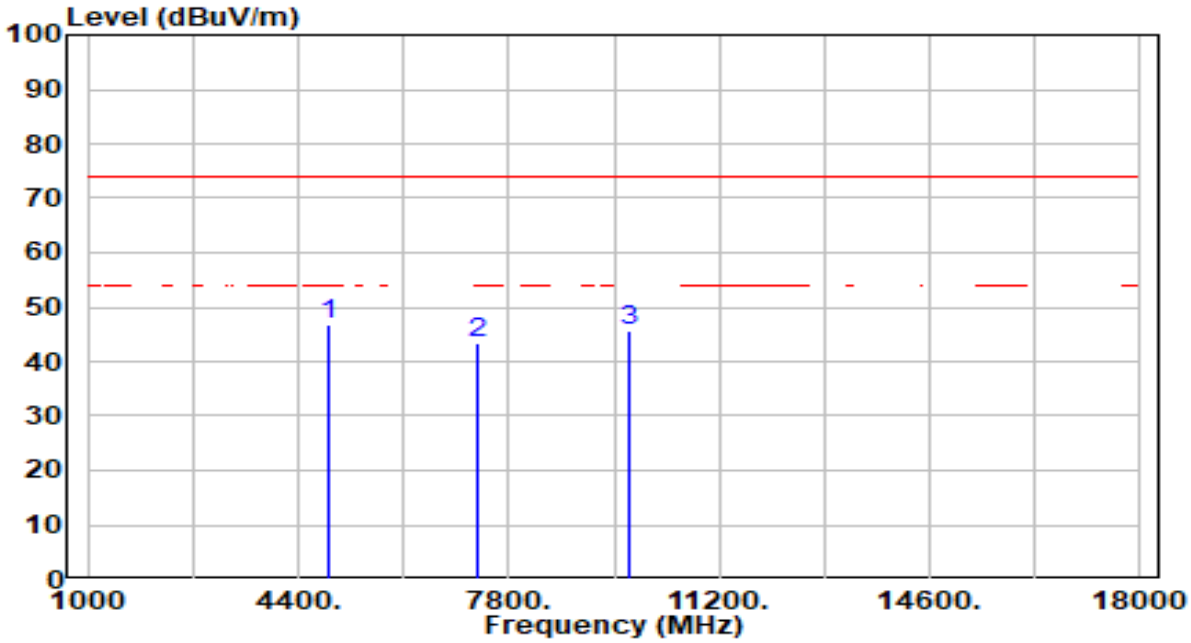



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 49.09 | 0.25 | 49.34 | -24.66 | 74.00 | 300 | 189 | Peak |
| 2 | * | 7236.000 | 45.47 | 5.81 | 51.28 | -22.72 | 74.00 | 300 | 242 | Peak |
| 3 | | 9648.000 | 41.78 | 5.32 | 47.10 | -26.90 | 74.00 | 100 | 240 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

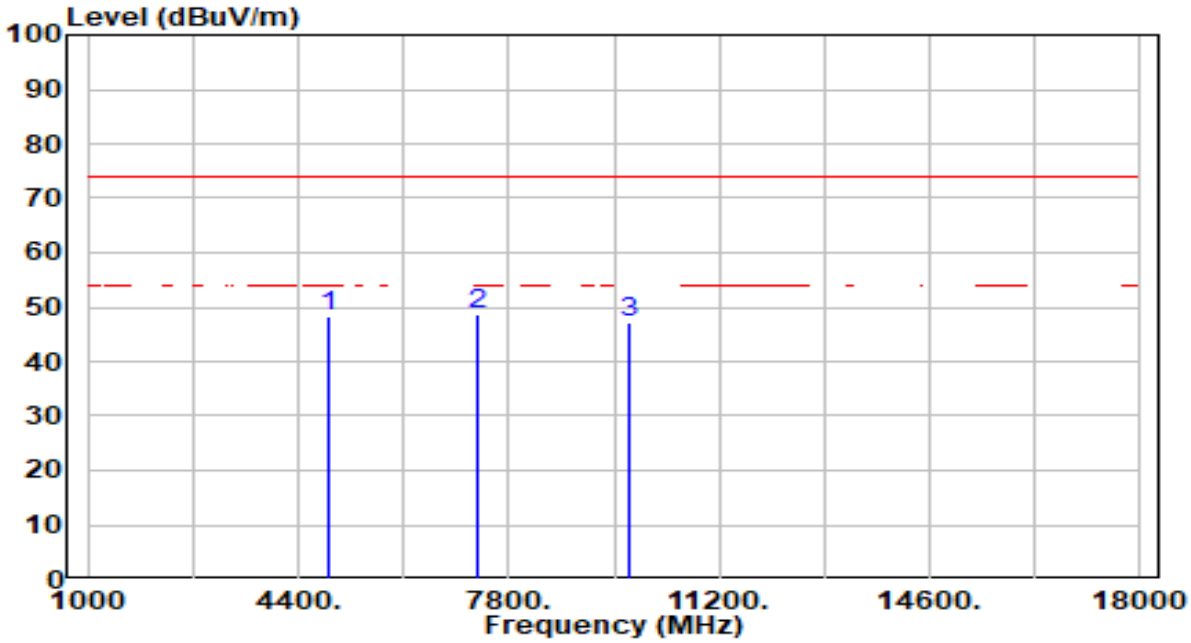



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 4874.000 | 46.34 | 0.35 | 46.69 | -27.31 | 74.00 | 300 | 36 | Peak |
| 2 | | 7311.000 | 37.53 | 5.79 | 43.32 | -30.68 | 74.00 | 300 | 318 | Peak |
| 3 | | 9748.000 | 40.24 | 5.34 | 45.58 | -28.42 | 74.00 | 300 | 324 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

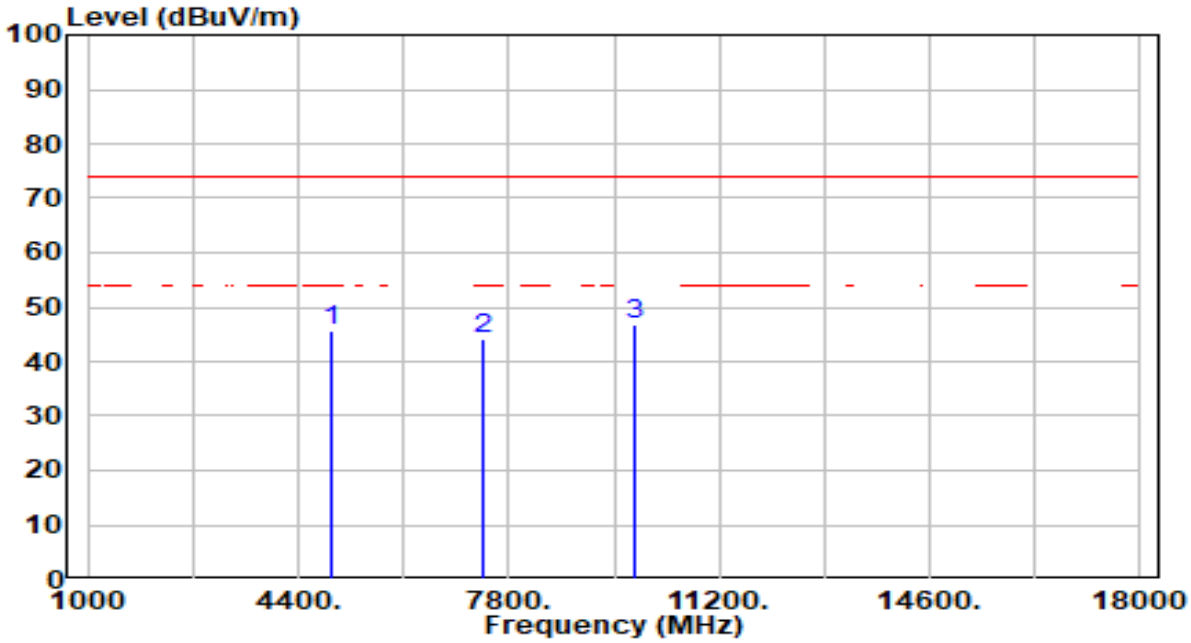



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 47.84 | 0.35 | 48.20 | -25.80 | 74.00 | 300 | 229 | Peak |
| 2 | * | 7311.000 | 42.92 | 5.79 | 48.71 | -25.29 | 74.00 | 300 | 241 | Peak |
| 3 | | 9748.000 | 41.77 | 5.34 | 47.11 | -26.89 | 74.00 | 300 | 310 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

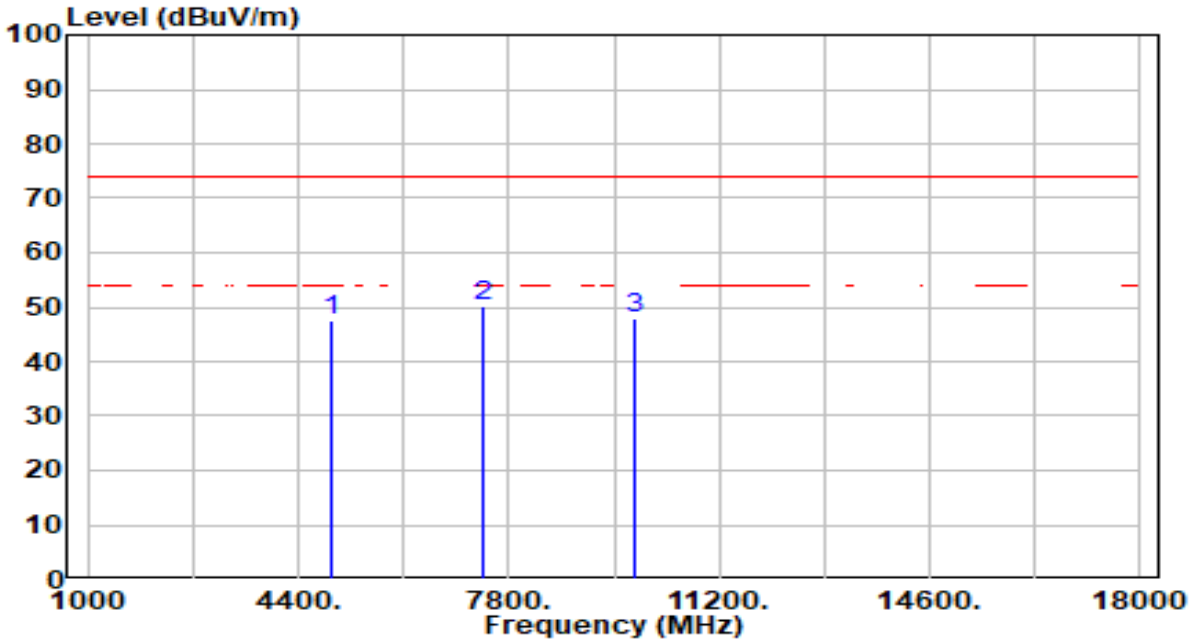



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 45.30 | 0.45 | 45.75 | -28.25 | 74.00 | 300 | 44 | Peak |
| 2 | | 7386.000 | 38.33 | 5.77 | 44.10 | -29.90 | 74.00 | 300 | 204 | Peak |
| 3 | * | 9848.000 | 41.26 | 5.38 | 46.64 | -27.36 | 74.00 | 300 | 198 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

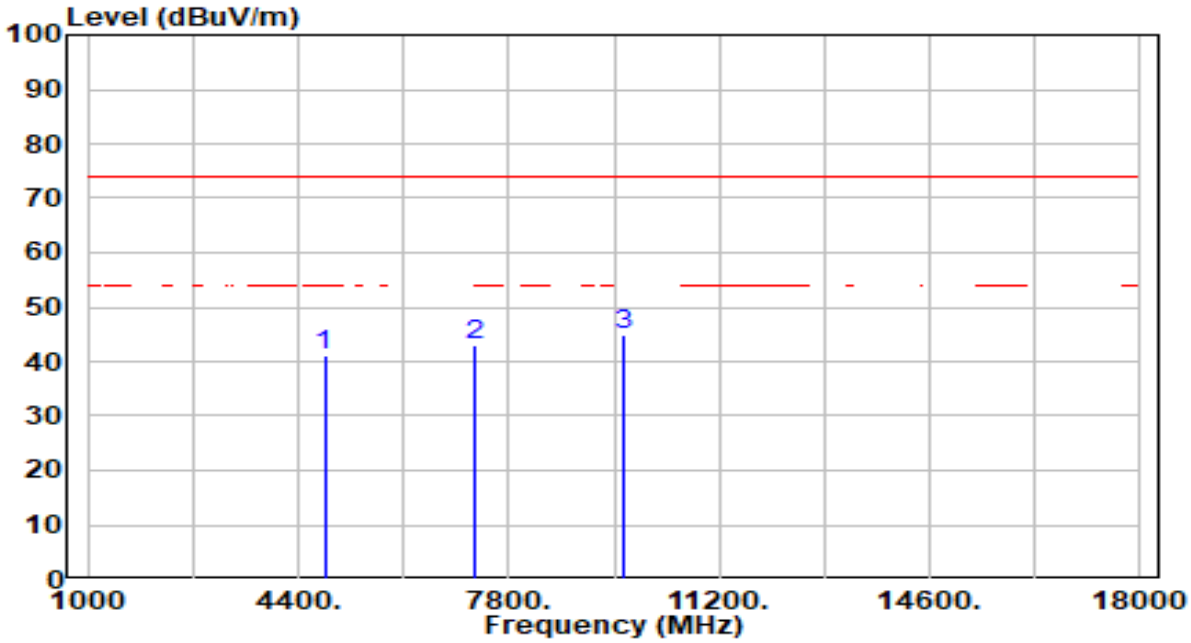



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 47.10 | 0.45 | 47.55 | -26.45 | 74.00 | 300 | 132 | Peak |
| 2 | * | 7386.000 | 44.37 | 5.77 | 50.14 | -23.86 | 74.00 | 300 | 129 | Peak |
| 3 | | 9848.000 | 42.37 | 5.38 | 47.75 | -26.25 | 74.00 | 300 | 262 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

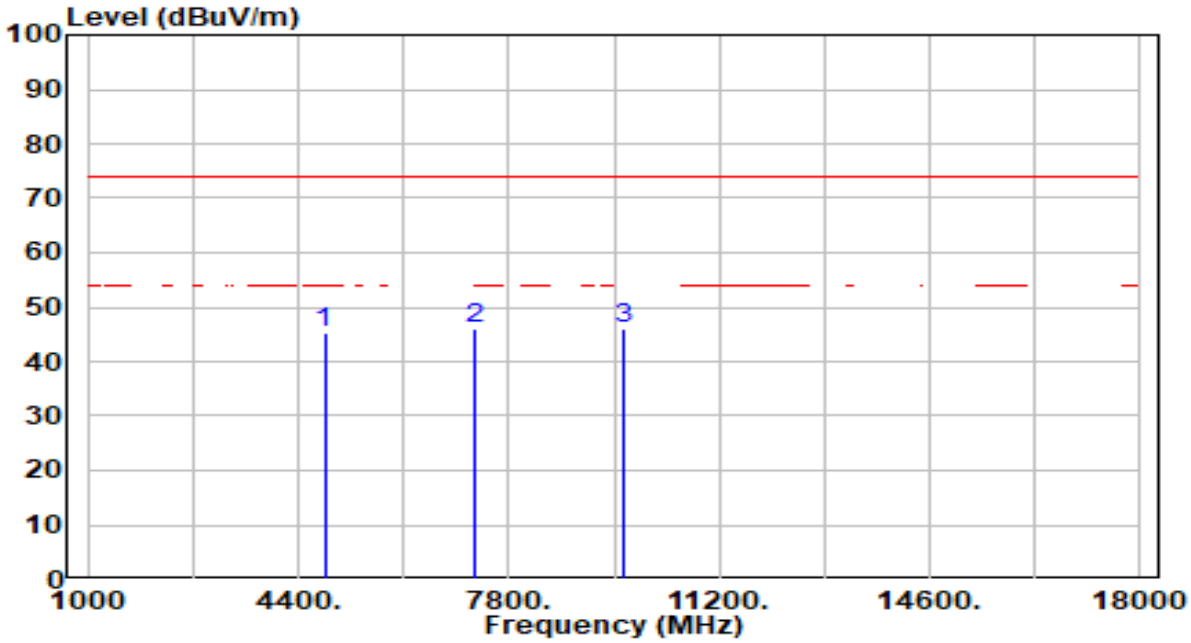



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 40.96 | 0.25 | 41.21 | -32.79 | 74.00 | 300 | 42 | Peak |
| 2 | | 7236.000 | 37.29 | 5.81 | 43.10 | -30.90 | 74.00 | 300 | 112 | Peak |
| 3 | * | 9648.000 | 39.65 | 5.32 | 44.97 | -29.03 | 74.00 | 300 | 214 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

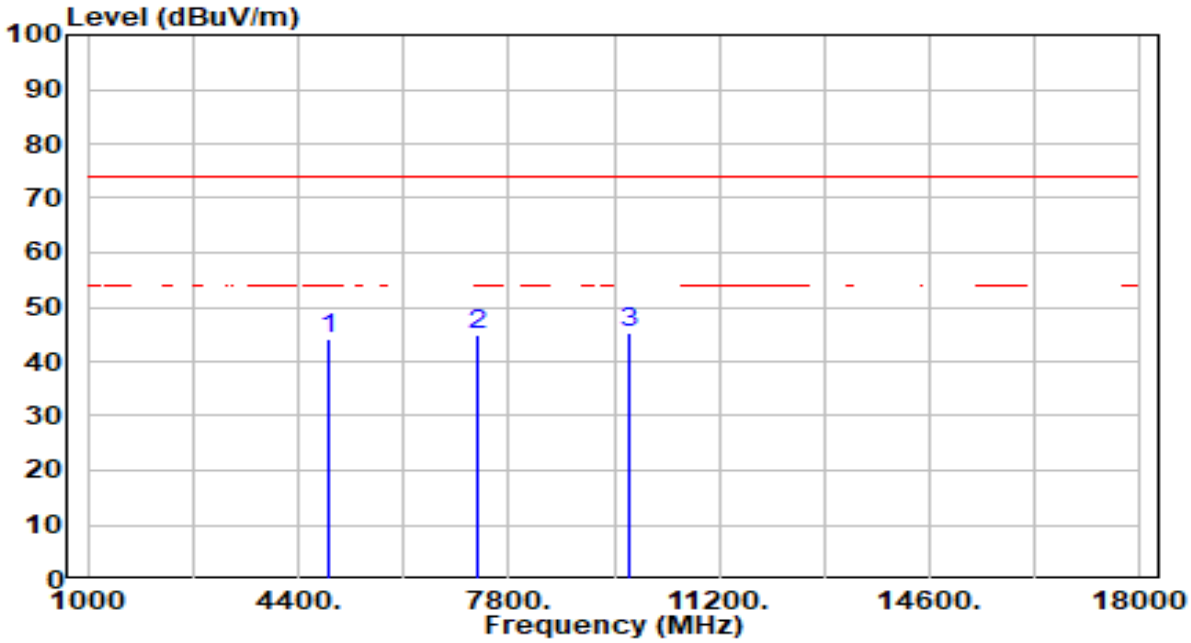



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 45.03 | 0.25 | 45.28 | -28.72 | 74.00 | 300 | 195 | Peak |
| 2 | | 7236.000 | 40.11 | 5.81 | 45.92 | -28.08 | 74.00 | 300 | 72 | Peak |
| 3 | * | 9648.000 | 40.68 | 5.32 | 46.01 | -27.99 | 74.00 | 300 | 176 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

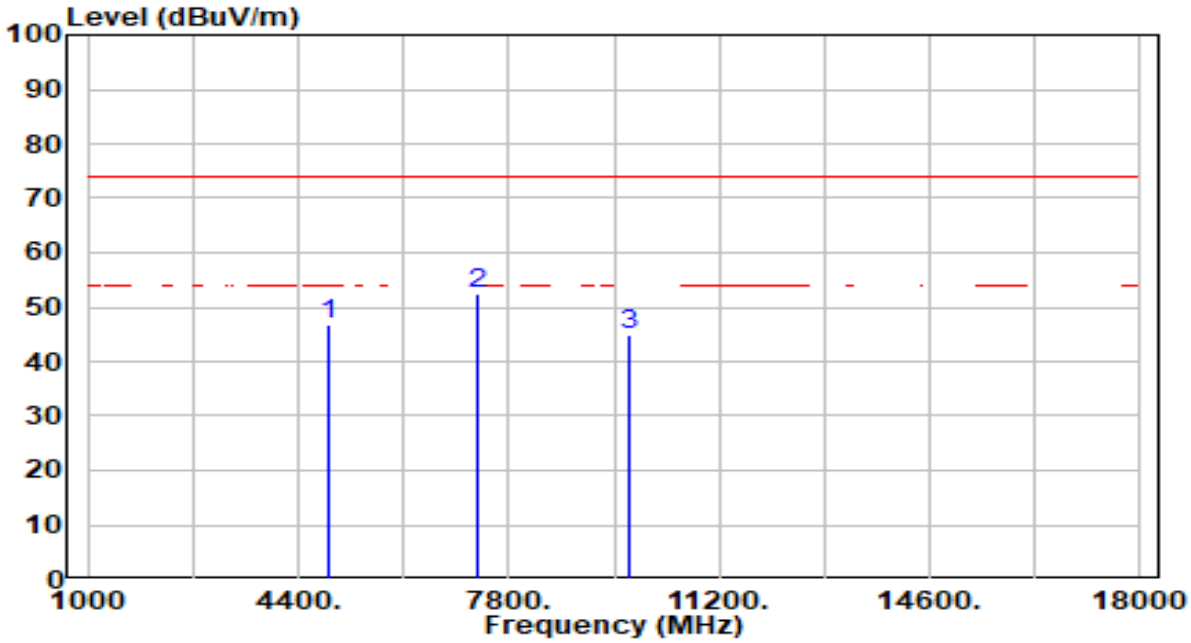



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.71 | 0.35 | 44.06 | -29.94 | 74.00 | 300 | 144 | Peak |
| 2 | | 7311.000 | 39.01 | 5.79 | 44.80 | -29.20 | 74.00 | 300 | 159 | Peak |
| 3 | * | 9748.000 | 40.01 | 5.34 | 45.35 | -28.65 | 74.00 | 300 | 132 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

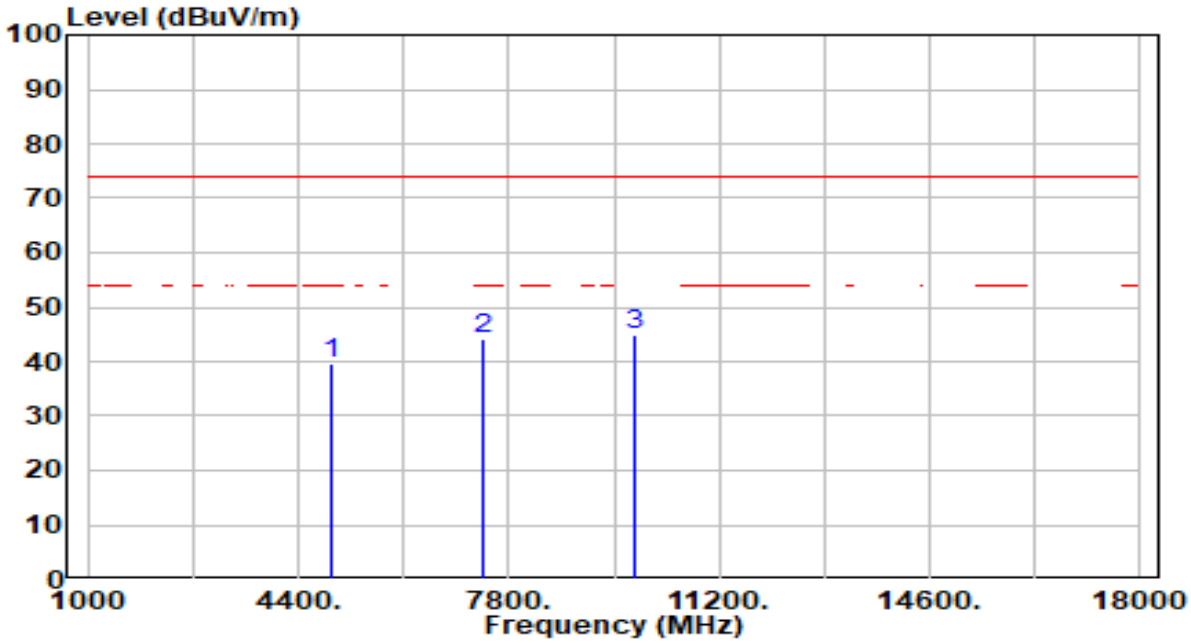



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 46.49 | 0.35 | 46.85 | -27.15 | 74.00 | 300 | 132 | Peak |
| 2 | * | 7311.000 | 46.65 | 5.79 | 52.44 | -21.56 | 74.00 | 300 | 240 | Peak |
| 3 | | 9748.000 | 39.70 | 5.34 | 45.04 | -28.96 | 74.00 | 300 | 1 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

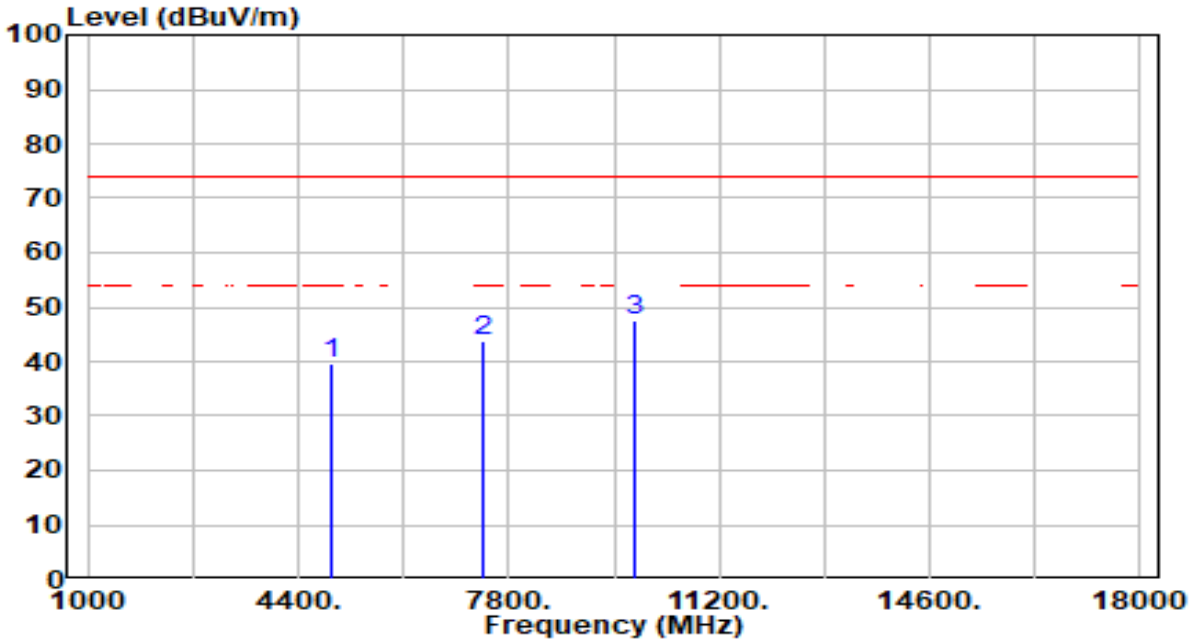



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 39.03 | 0.45 | 39.48 | -34.52 | 74.00 | 300 | 85 | Peak |
| 2 | | 7386.000 | 38.24 | 5.77 | 44.01 | -29.99 | 74.00 | 300 | 43 | Peak |
| 3 | * | 9848.000 | 39.44 | 5.38 | 44.82 | -29.18 | 74.00 | 300 | 45 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

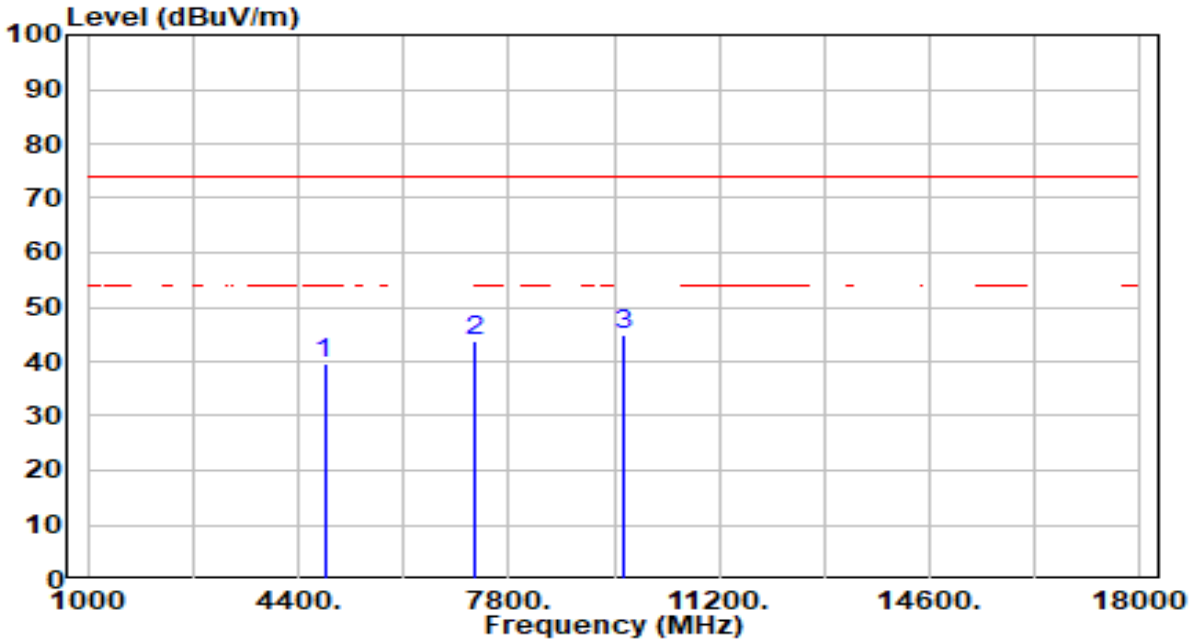



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 39.32 | 0.45 | 39.77 | -34.23 | 74.00 | 300 | 114 | Peak |
| 2 | | 7386.000 | 37.84 | 5.77 | 43.61 | -30.39 | 74.00 | 300 | 112 | Peak |
| 3 | * | 9848.000 | 42.15 | 5.38 | 47.53 | -26.47 | 74.00 | 300 | 190 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

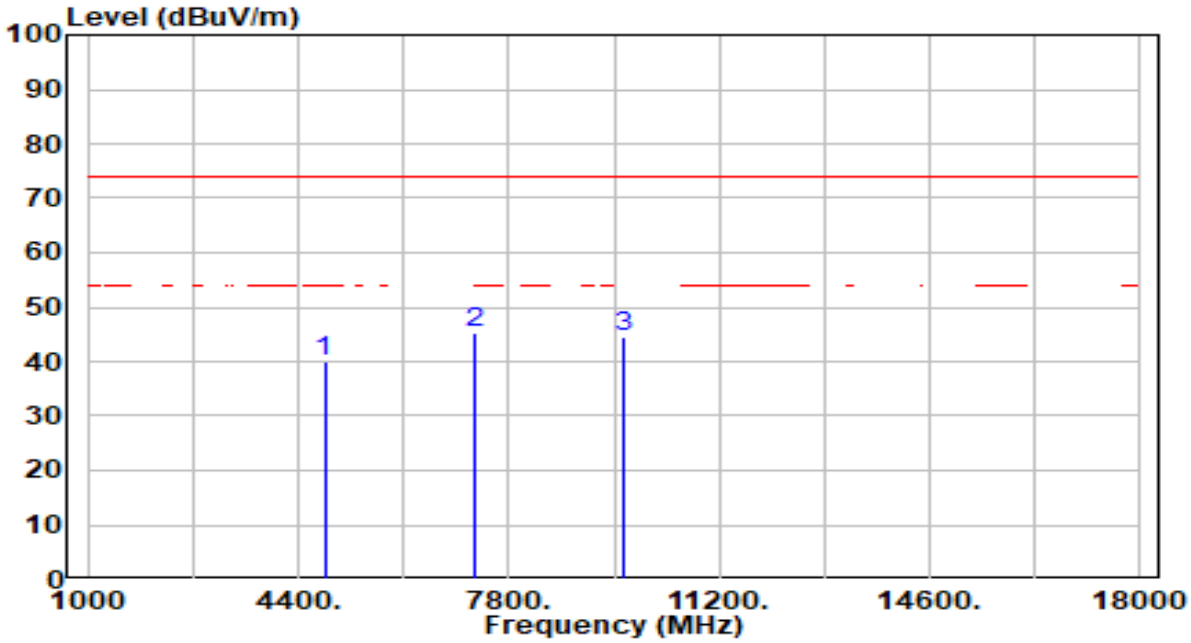



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 39.26 | 0.25 | 39.51 | -34.49 | 74.00 | 300 | 137 | Peak |
| 2 | | 7236.000 | 37.90 | 5.81 | 43.71 | -30.29 | 74.00 | 300 | 222 | Peak |
| 3 | * | 9648.000 | 39.67 | 5.32 | 44.99 | -29.01 | 74.00 | 300 | 32 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

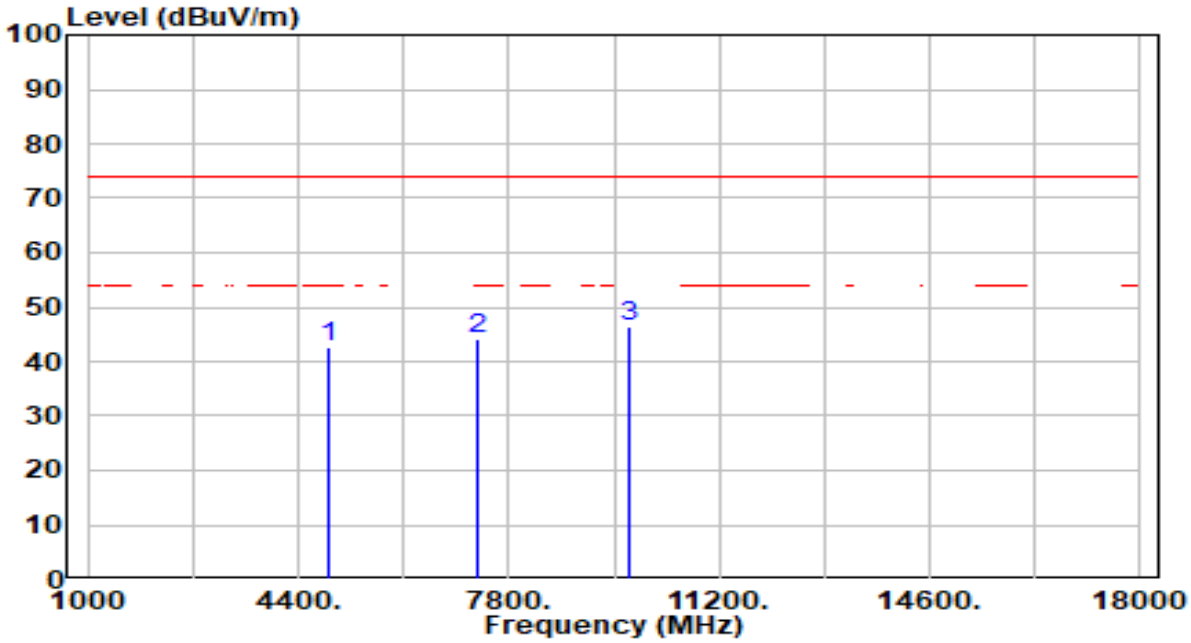



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 39.92 | 0.25 | 40.17 | -33.83 | 74.00 | 300 | 359 | Peak |
| 2 | * | 7236.000 | 39.36 | 5.81 | 45.17 | -28.83 | 74.00 | 300 | 93 | Peak |
| 3 | | 9648.000 | 39.15 | 5.32 | 44.47 | -29.53 | 74.00 | 300 | 285 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

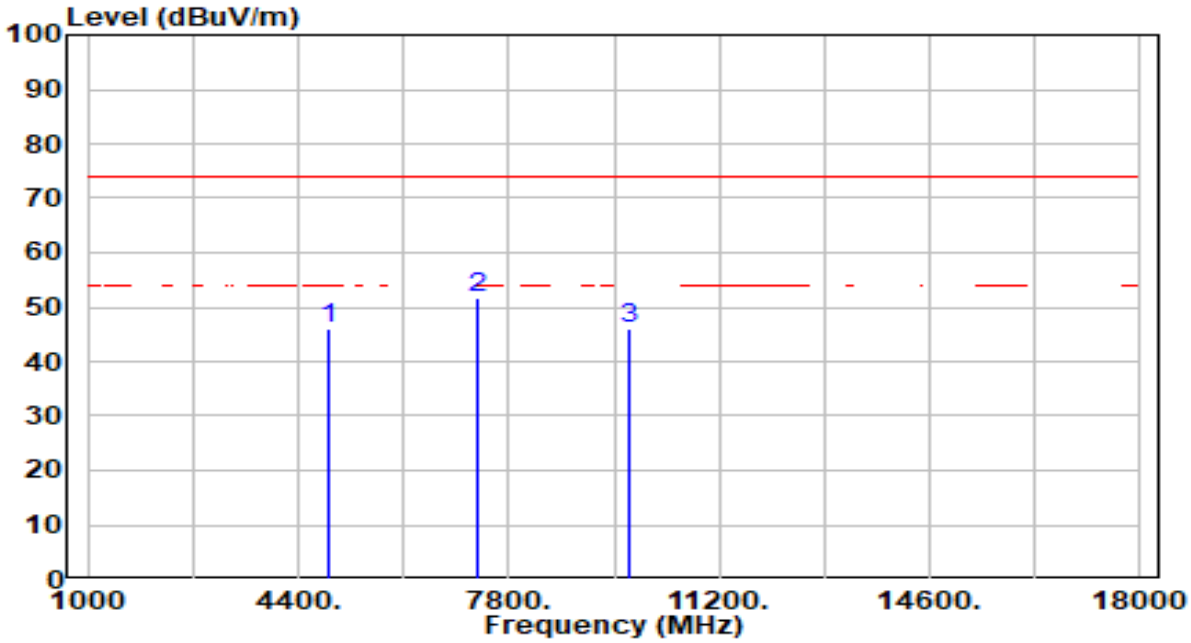



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 42.27 | 0.35 | 42.63 | -31.37 | 74.00 | 300 | 0 | Peak |
| 2 | | 7311.000 | 38.29 | 5.79 | 44.08 | -29.92 | 74.00 | 300 | 133 | Peak |
| 3 | * | 9748.000 | 40.90 | 5.34 | 46.24 | -27.76 | 74.00 | 300 | 317 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

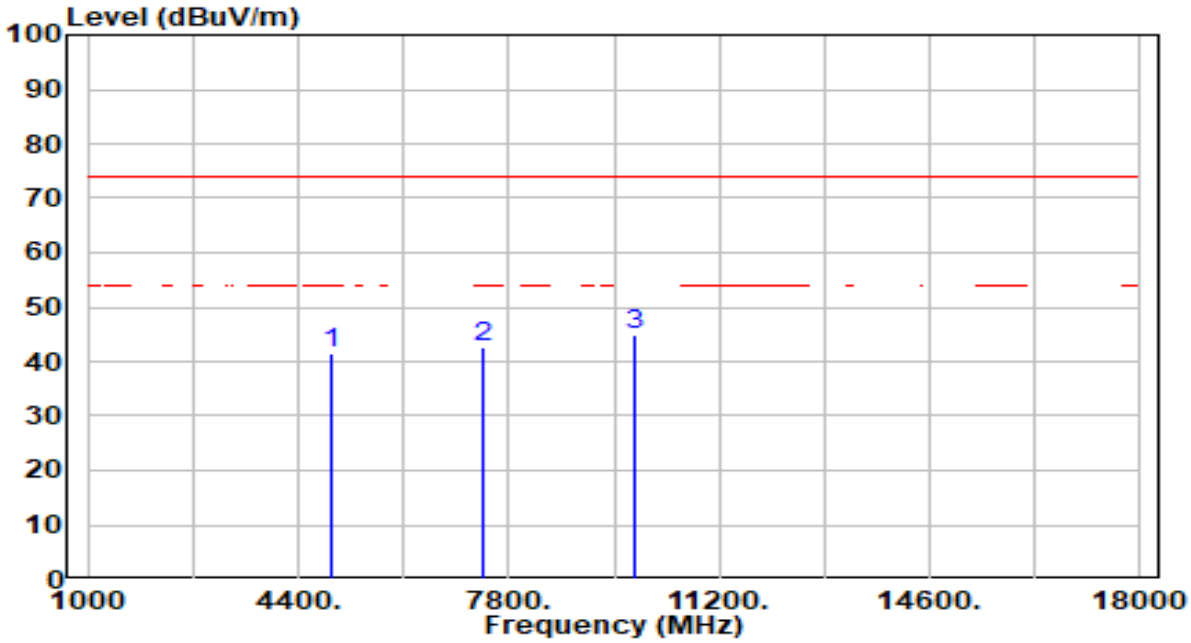



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 45.82 | 0.35 | 46.17 | -27.83 | 74.00 | 300 | 207 | Peak |
| 2 | * | 7311.000 | 45.96 | 5.79 | 51.75 | -22.25 | 74.00 | 300 | 228 | Peak |
| 3 | | 9748.000 | 40.61 | 5.34 | 45.95 | -28.05 | 74.00 | 300 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

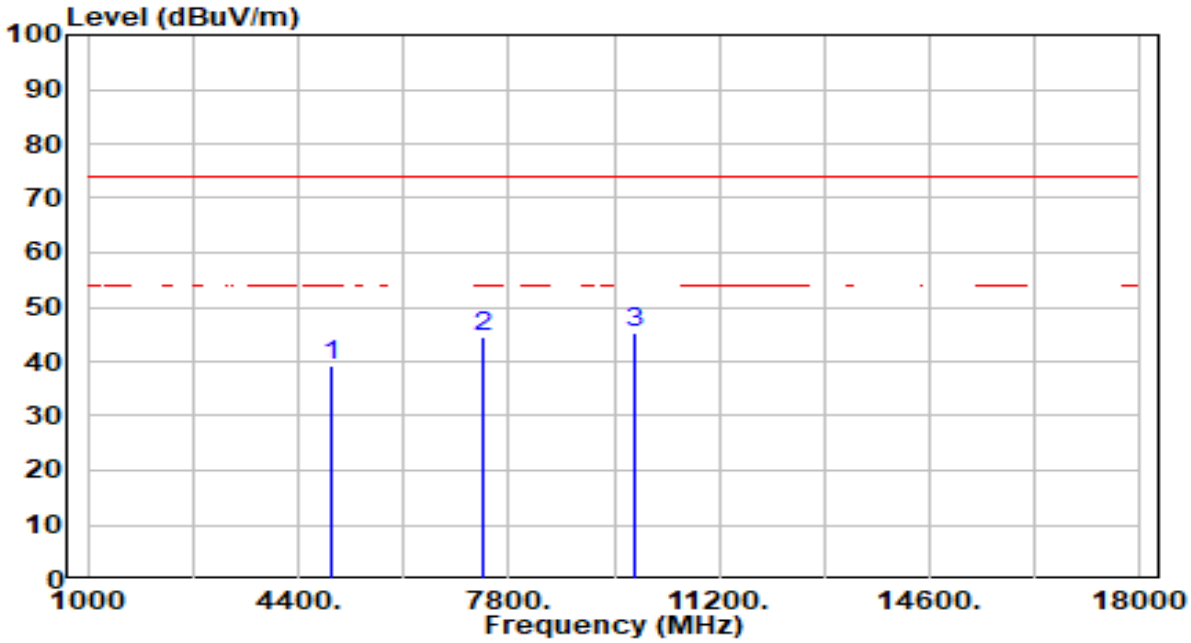



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 40.95 | 0.45 | 41.41 | -32.59 | 74.00 | 300 | 288 | Peak |
| 2 | | 7386.000 | 37.03 | 5.77 | 42.80 | -31.20 | 74.00 | 300 | 96 | Peak |
| 3 | * | 9848.000 | 39.71 | 5.38 | 45.09 | -28.91 | 74.00 | 300 | 273 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

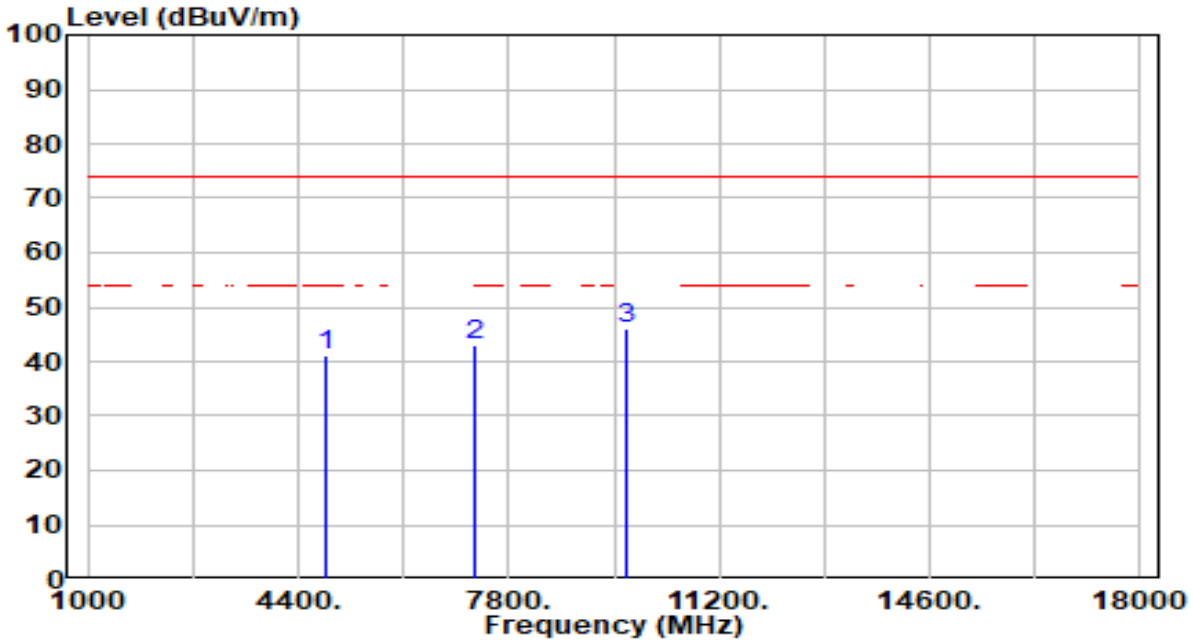



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 38.95 | 0.45 | 39.41 | -34.59 | 74.00 | 300 | 212 | Peak |
| 2 | | 7386.000 | 38.63 | 5.77 | 44.40 | -29.60 | 74.00 | 300 | 292 | Peak |
| 3 | * | 9848.000 | 39.95 | 5.38 | 45.33 | -28.67 | 74.00 | 300 | 44 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

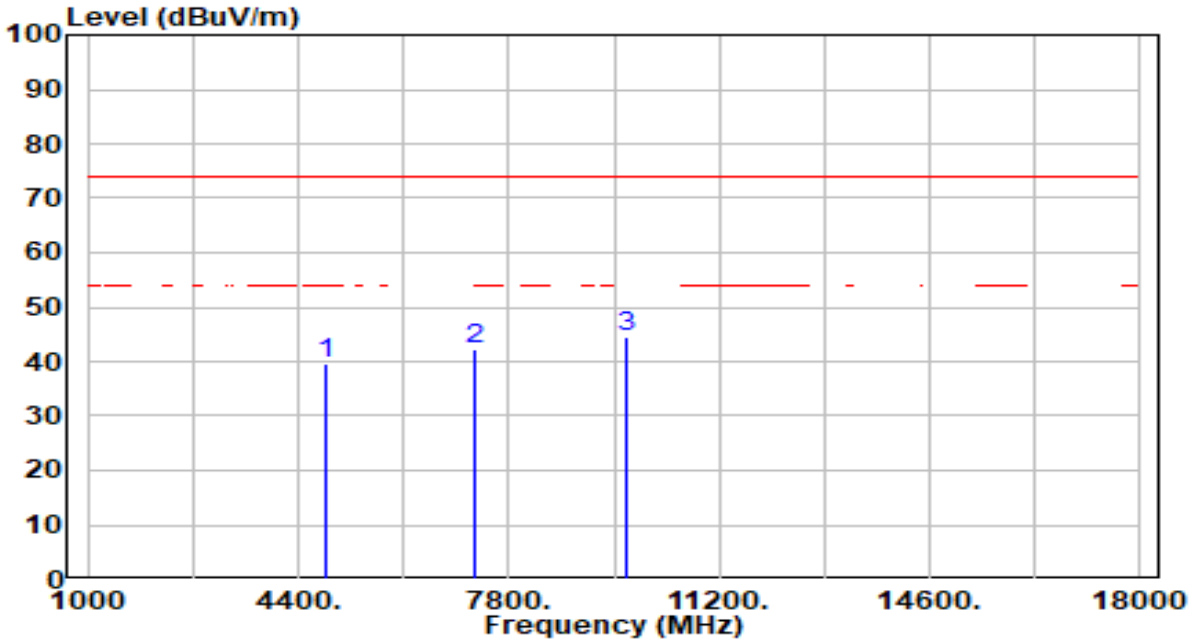



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 40.69 | 0.29 | 40.98 | -33.02 | 74.00 | 300 | 133 | Peak |
| 2 | | 7266.000 | 37.30 | 5.81 | 43.11 | -30.89 | 74.00 | 300 | 101 | Peak |
| 3 | * | 9688.000 | 40.85 | 5.33 | 46.18 | -27.82 | 74.00 | 300 | 15 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

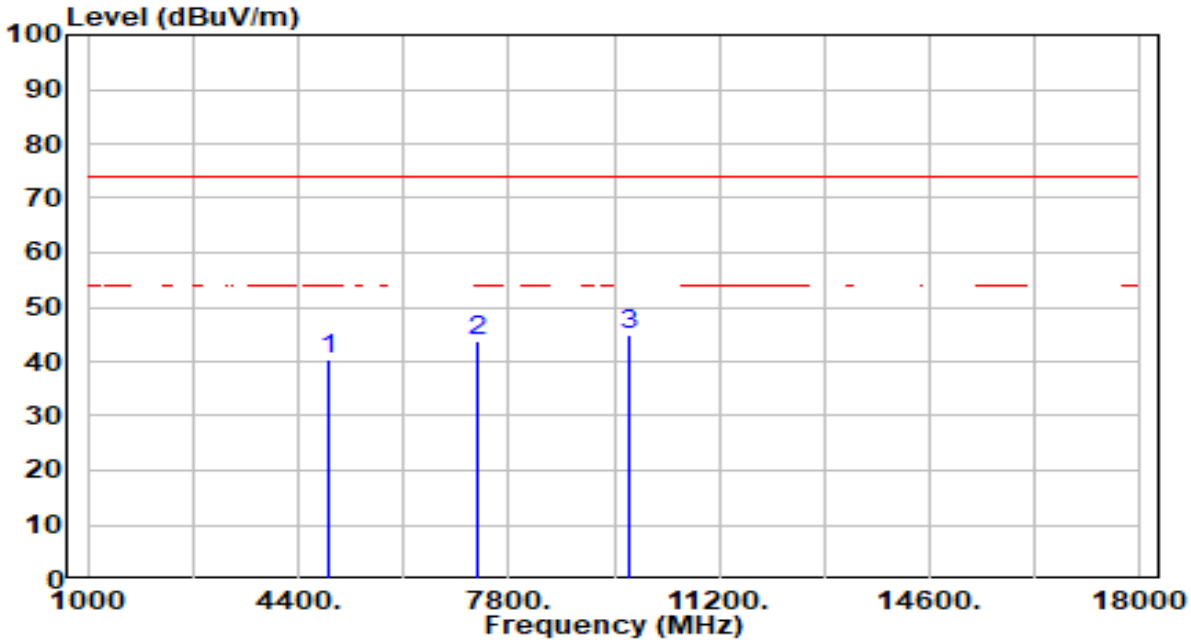



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 39.42 | 0.29 | 39.72 | -34.28 | 74.00 | 300 | 1 | Peak |
| 2 | | 7266.000 | 36.47 | 5.81 | 42.27 | -31.73 | 74.00 | 300 | 139 | Peak |
| 3 | * | 9688.000 | 39.35 | 5.33 | 44.68 | -29.32 | 74.00 | 300 | 211 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

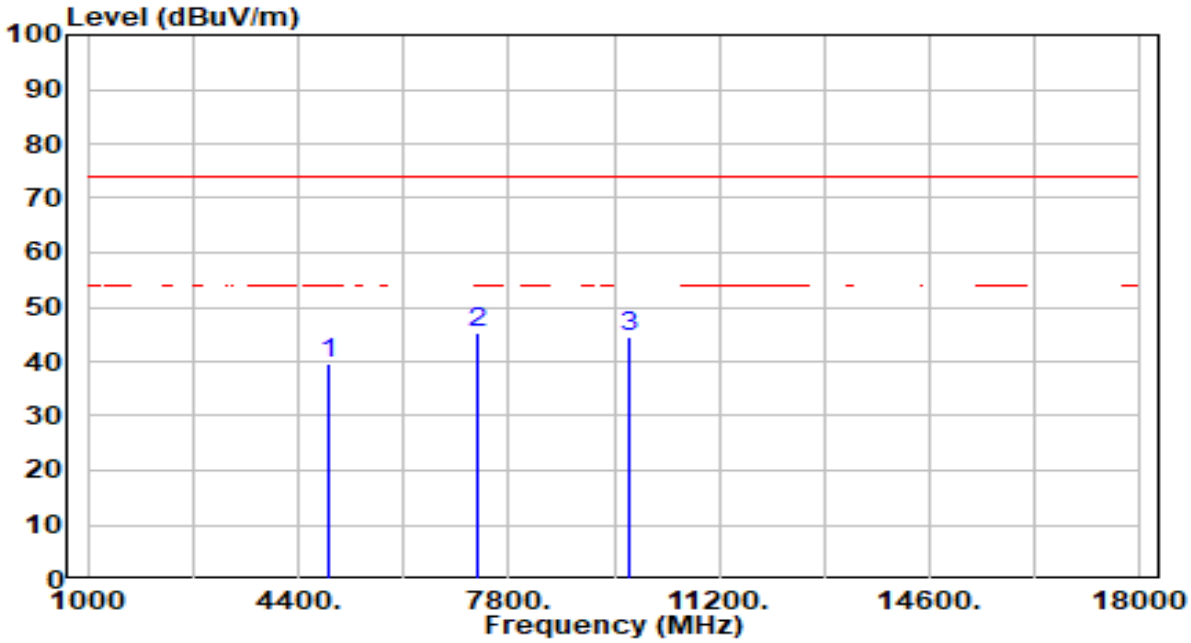



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 40.14 | 0.35 | 40.49 | -33.51 | 74.00 | 300 | 306 | Peak |
| 2 | | 7311.000 | 38.09 | 5.79 | 43.88 | -30.12 | 74.00 | 300 | 4 | Peak |
| 3 | * | 9748.000 | 39.38 | 5.34 | 44.72 | -29.28 | 74.00 | 300 | 243 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

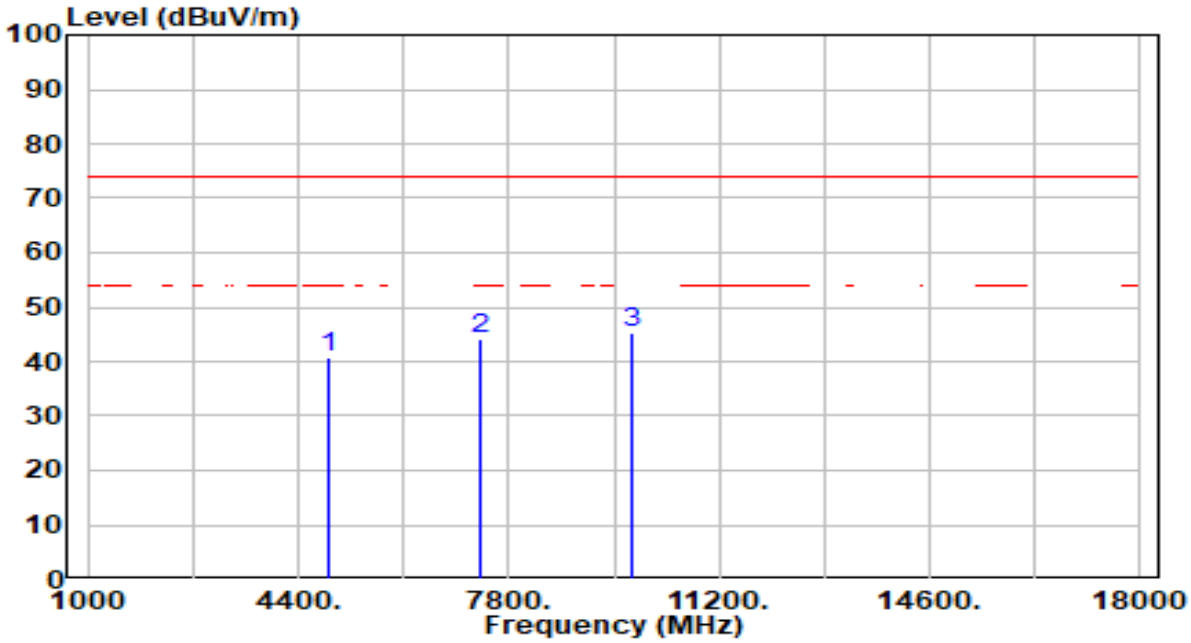



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 39.44 | 0.35 | 39.80 | -34.20 | 74.00 | 300 | 224 | Peak |
| 2 | * | 7311.000 | 39.38 | 5.79 | 45.18 | -28.82 | 74.00 | 300 | 246 | Peak |
| 3 | | 9748.000 | 39.25 | 5.34 | 44.59 | -29.41 | 74.00 | 300 | 188 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

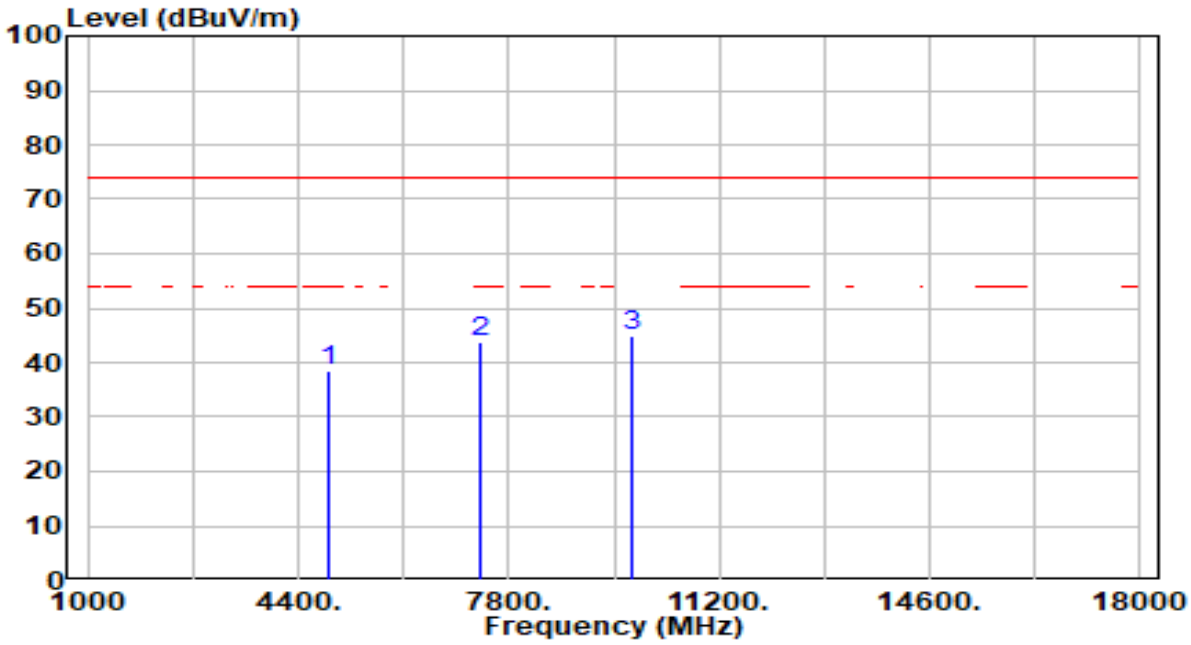



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 40.30 | 0.41 | 40.71 | -33.29 | 74.00 | 300 | 346 | Peak |
| 2 | | 7356.000 | 38.25 | 5.78 | 44.03 | -29.97 | 74.00 | 300 | 237 | Peak |
| 3 | * | 9808.000 | 39.92 | 5.35 | 45.27 | -28.73 | 74.00 | 300 | 328 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 38.16 | 0.41 | 38.58 | -35.42 | 74.00 | 300 | 98 | Peak |
| 2 | | 7356.000 | 38.13 | 5.78 | 43.91 | -30.09 | 74.00 | 300 | 225 | Peak |
| 3 | * | 9808.000 | 39.65 | 5.35 | 45.01 | -28.99 | 74.00 | 300 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 7.7. Radiated Restricted Band Edge Measurement

### 7.7.1.Test Limit

**For 15.205 requirement:**

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

| Frequency (MHz) | Frequency (MHz) | Frequency (MHz) | Frequency (GHz) |
|---|---|---|---|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| [1] 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.52525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2690 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | ([2]) |
| 13.36 - 13.41 | -- | -- | -- |

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

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

### 7.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

### 7.7.3.Test Setting

**Peak Field Strength Measurements**

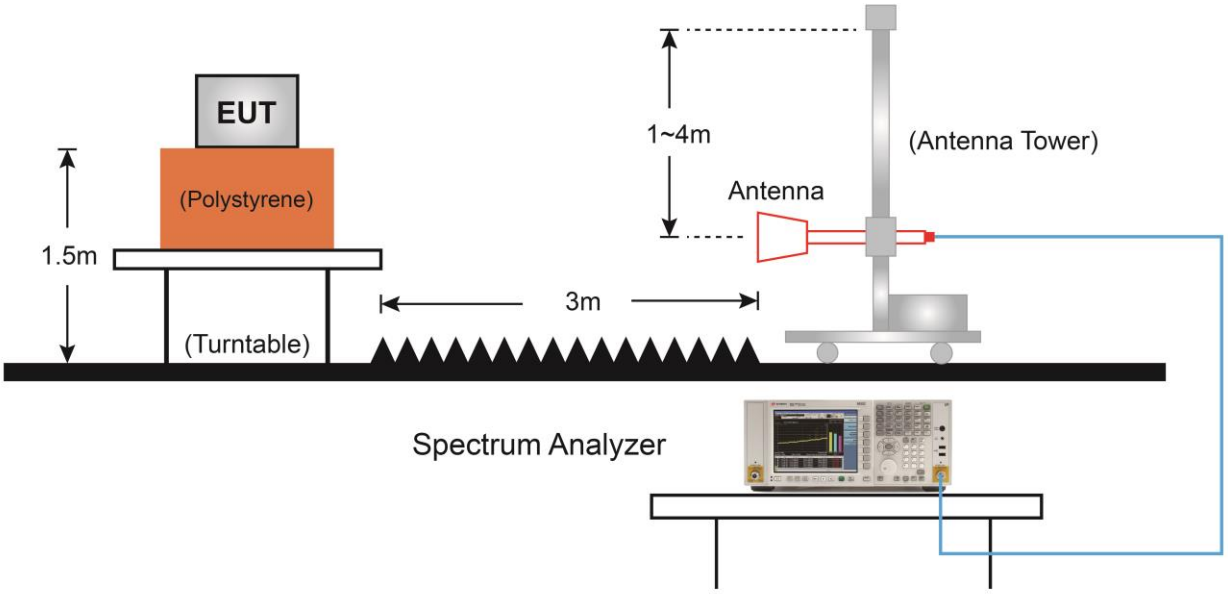
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method VB)**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

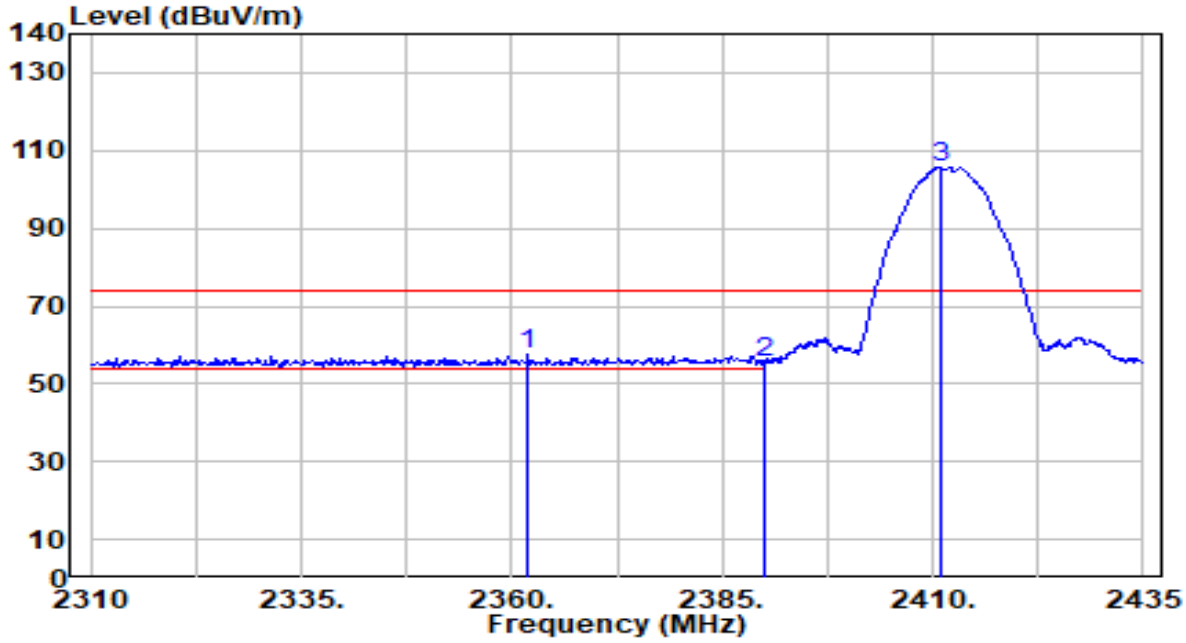
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

### 7.7.4.Test Setup



### 7.7.5.Test Result

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

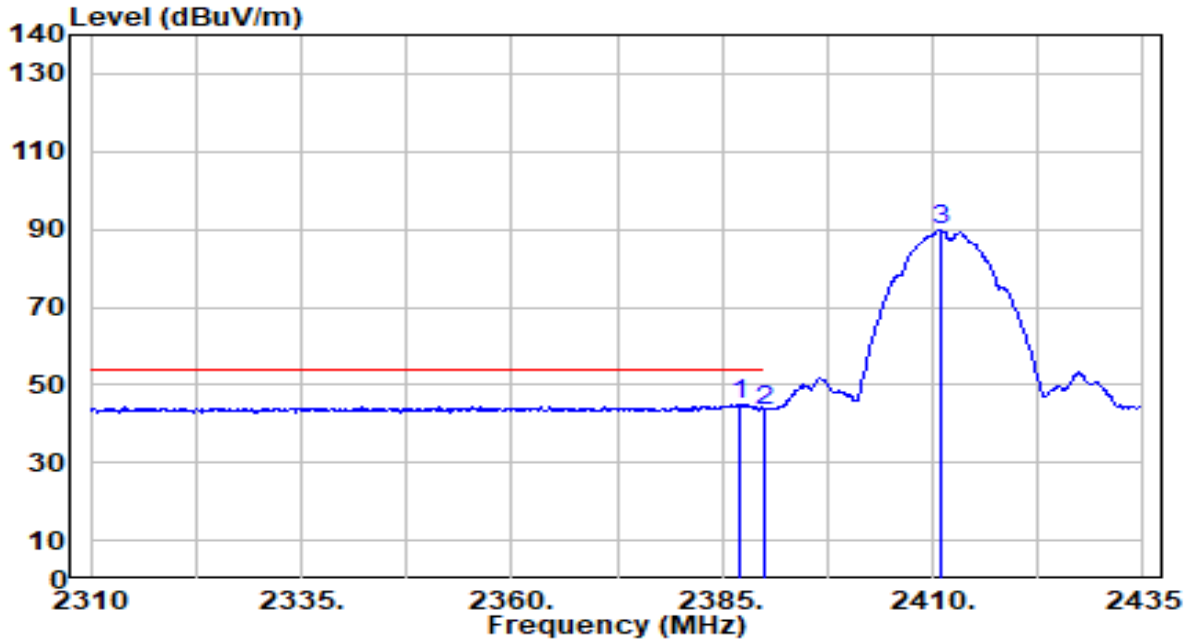



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2362.000 | 26.80 | 30.57 | 57.38 | -16.62 | 74.00 | 142 | 230 | Peak |
| 2 | | 2390.000 | 25.10 | 30.61 | 55.71 | -18.29 | 74.00 | 142 | 230 | Peak |
| 3 | | 2410.875 | 75.22 | 30.67 | 105.89 | N/A | N/A | 142 | 230 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

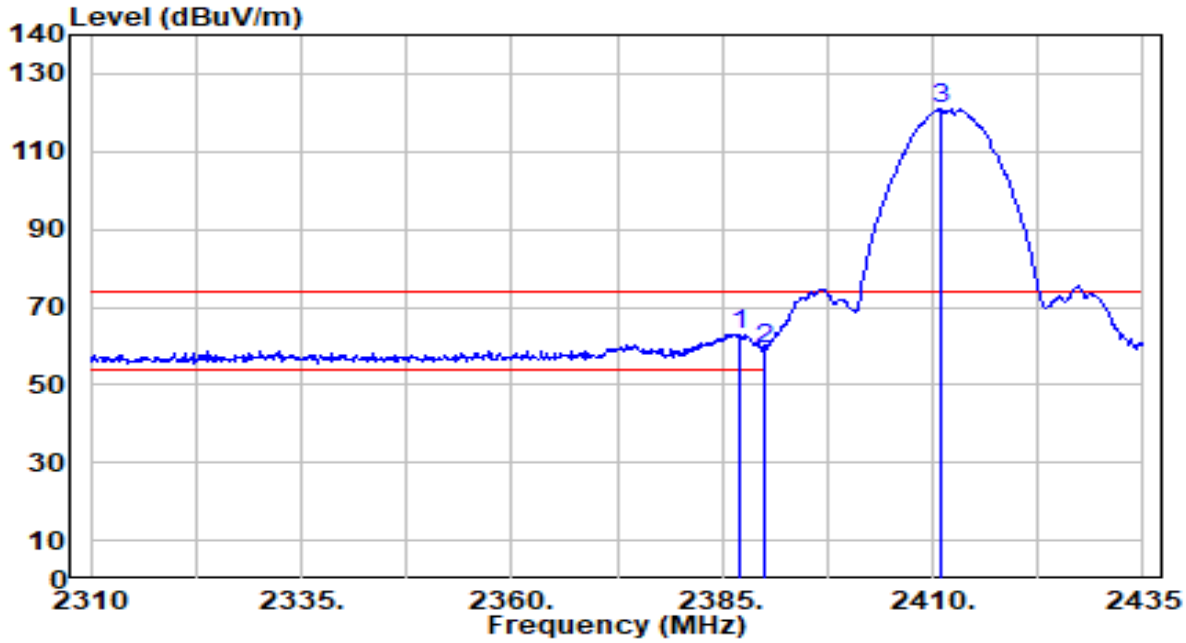



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.125 | 14.31 | 30.61 | 44.92 | -9.08 | 54.00 | 142 | 230 | Average |
| 2 | | 2390.000 | 12.83 | 30.61 | 43.44 | -10.56 | 54.00 | 142 | 230 | Average |
| 3 | | 2410.875 | 59.29 | 30.67 | 89.96 | N/A | N/A | 142 | 230 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

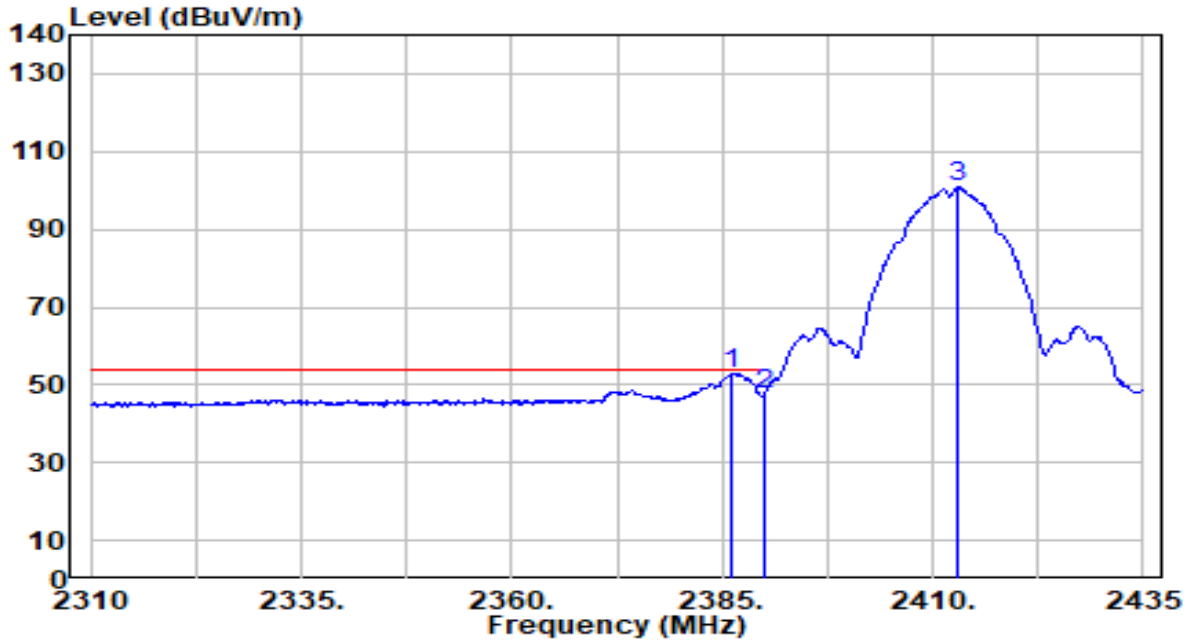



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.000 | 32.33 | 30.61 | 62.94 | -11.06 | 74.00 | 156 | 322 | Peak |
| 2 | | 2390.000 | 28.79 | 30.61 | 59.41 | -14.59 | 74.00 | 156 | 322 | Peak |
| 3 | | 2410.875 | 90.29 | 30.67 | 120.96 | N/A | N/A | 156 | 322 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

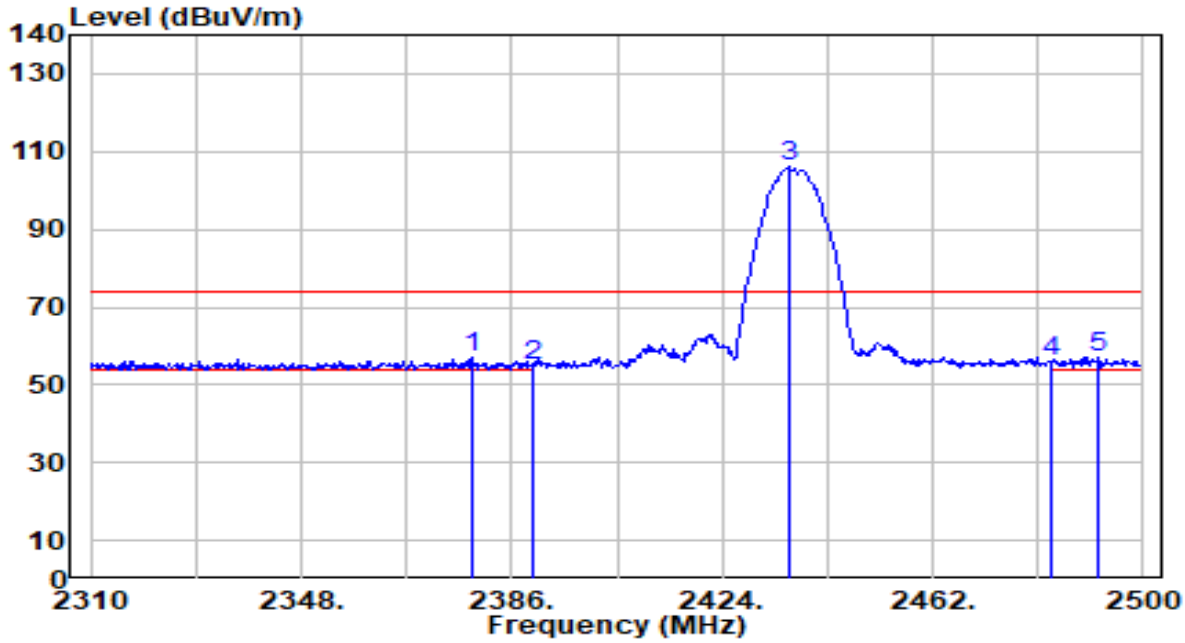



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.125 | 22.25 | 30.61 | 52.86 | -1.14 | 54.00 | 156 | 322 | Average |
| 2 | | 2390.000 | 17.10 | 30.61 | 47.71 | -6.29 | 54.00 | 156 | 322 | Average |
| 3 | | 2413.000 | 70.08 | 30.67 | 100.75 | N/A | N/A | 156 | 322 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

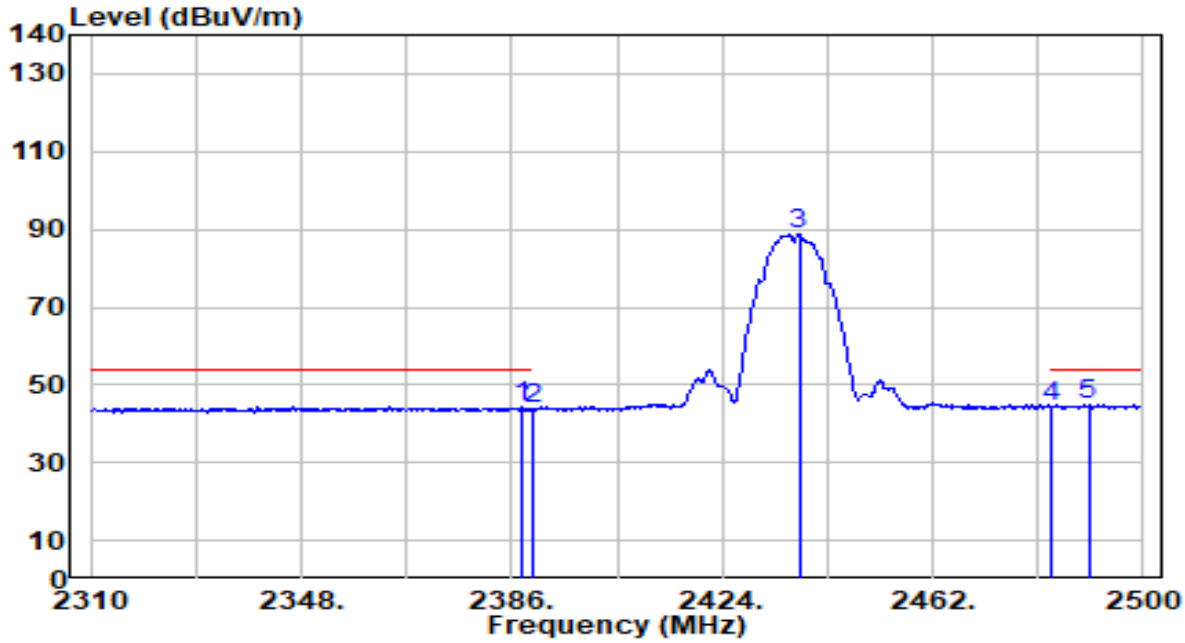



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2378.780 | 26.41 | 30.60 | 57.01 | -16.99 | 74.00 | 191 | 234 | Peak |
| 2 | | 2390.000 | 24.50 | 30.61 | 55.12 | -18.88 | 74.00 | 191 | 234 | Peak |
| 3 | | 2435.970 | 75.20 | 30.75 | 105.95 | N/A | N/A | 191 | 234 | Peak |
| 4 | | 2483.500 | 25.33 | 30.91 | 56.24 | -17.76 | 74.00 | 191 | 234 | Peak |
| 5 | | 2491.830 | 26.01 | 30.94 | 56.95 | -17.05 | 74.00 | 191 | 234 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

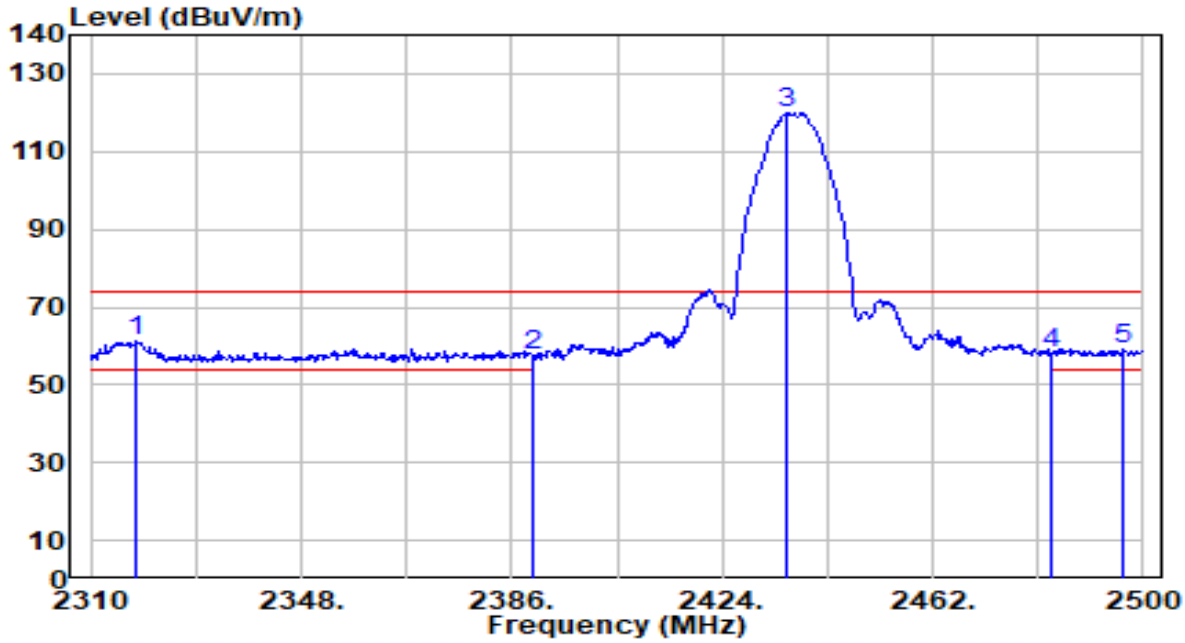



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.710 | 13.57 | 30.61 | 44.18 | -9.82 | 54.00 | 191 | 234 | Average |
| 2 | | 2390.000 | 13.16 | 30.61 | 43.78 | -10.22 | 54.00 | 191 | 234 | Average |
| 3 | | 2437.870 | 58.16 | 30.76 | 88.91 | N/A | N/A | 191 | 234 | Average |
| 4 | | 2483.500 | 13.52 | 30.91 | 44.44 | -9.56 | 54.00 | 191 | 234 | Average |
| 5 | * | 2490.120 | 14.05 | 30.94 | 44.98 | -9.02 | 54.00 | 191 | 234 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

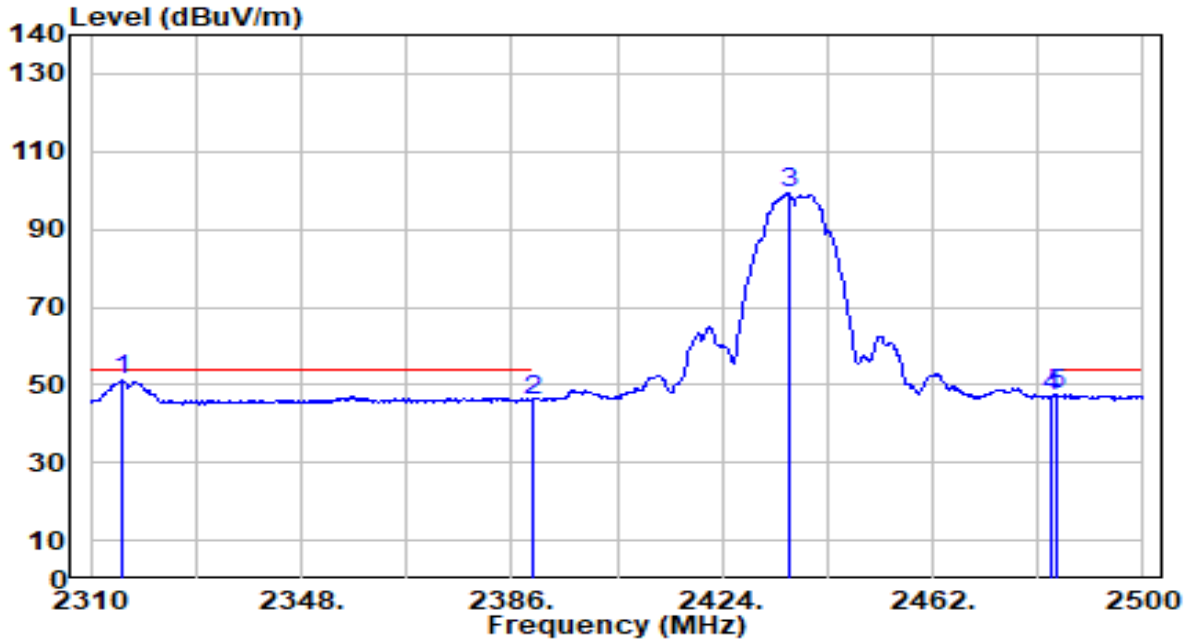



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2318.170 | 30.72 | 30.51 | 61.24 | -12.76 | 74.00 | 135 | 232 | Peak |
| 2 | | 2390.000 | 27.11 | 30.61 | 57.72 | -16.28 | 74.00 | 135 | 232 | Peak |
| 3 | | 2435.780 | 89.32 | 30.75 | 120.07 | N/A | N/A | 135 | 232 | Peak |
| 4 | | 2483.500 | 27.40 | 30.91 | 58.32 | -15.68 | 74.00 | 135 | 232 | Peak |
| 5 | | 2496.390 | 28.37 | 30.96 | 59.33 | -14.67 | 74.00 | 135 | 232 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

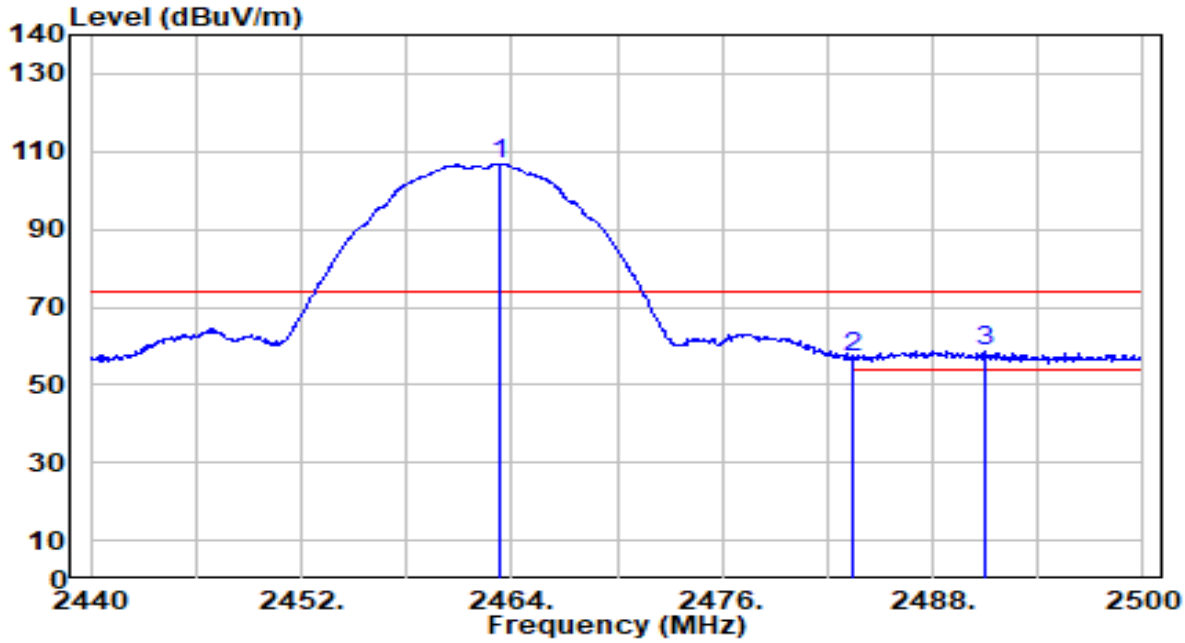



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2315.700 | 20.56 | 30.51 | 51.07 | -2.93 | 54.00 | 135 | 232 | Average |
| 2 | | 2390.000 | 15.38 | 30.61 | 46.00 | -8.00 | 54.00 | 135 | 232 | Average |
| 3 | | 2435.970 | 68.54 | 30.75 | 99.30 | N/A | N/A | 135 | 232 | Average |
| 4 | | 2483.500 | 15.97 | 30.91 | 46.88 | -7.12 | 54.00 | 135 | 232 | Average |
| 5 | | 2484.420 | 16.67 | 30.92 | 47.59 | -6.41 | 54.00 | 135 | 232 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

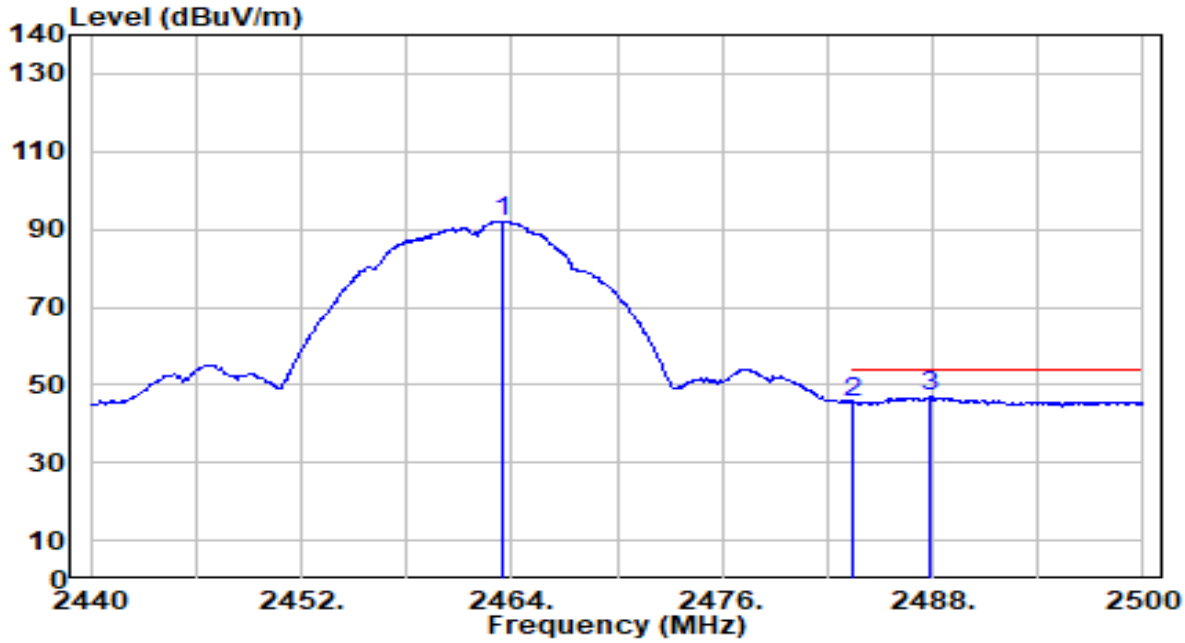



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.340 | 75.96 | 30.84 | 106.80 | N/A | N/A | 163 | 360 | Peak |
| 2 | | 2483.500 | 25.92 | 30.91 | 56.83 | -17.17 | 74.00 | 163 | 360 | Peak |
| 3 | * | 2490.940 | 27.88 | 30.94 | 58.82 | -15.18 | 74.00 | 163 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

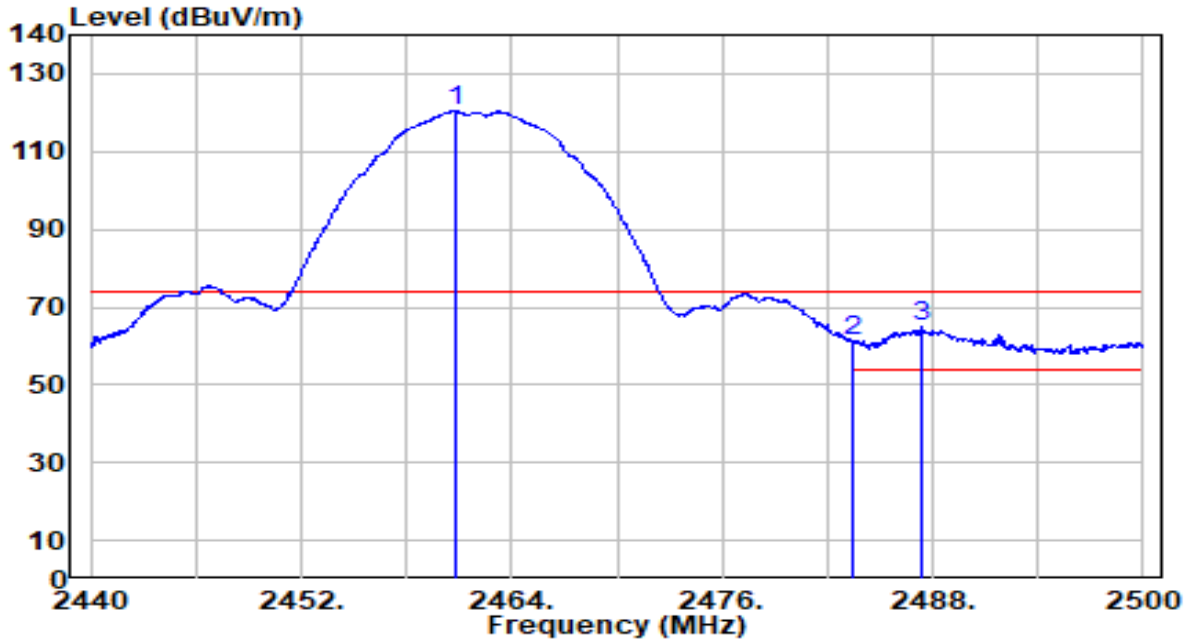



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.520 | 61.23 | 30.85 | 92.07 | N/A | N/A | 163 | 360 | Average |
| 2 | | 2483.500 | 14.57 | 30.91 | 45.48 | -8.52 | 54.00 | 163 | 360 | Average |
| 3 | * | 2487.880 | 16.06 | 30.93 | 46.99 | -7.01 | 54.00 | 163 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

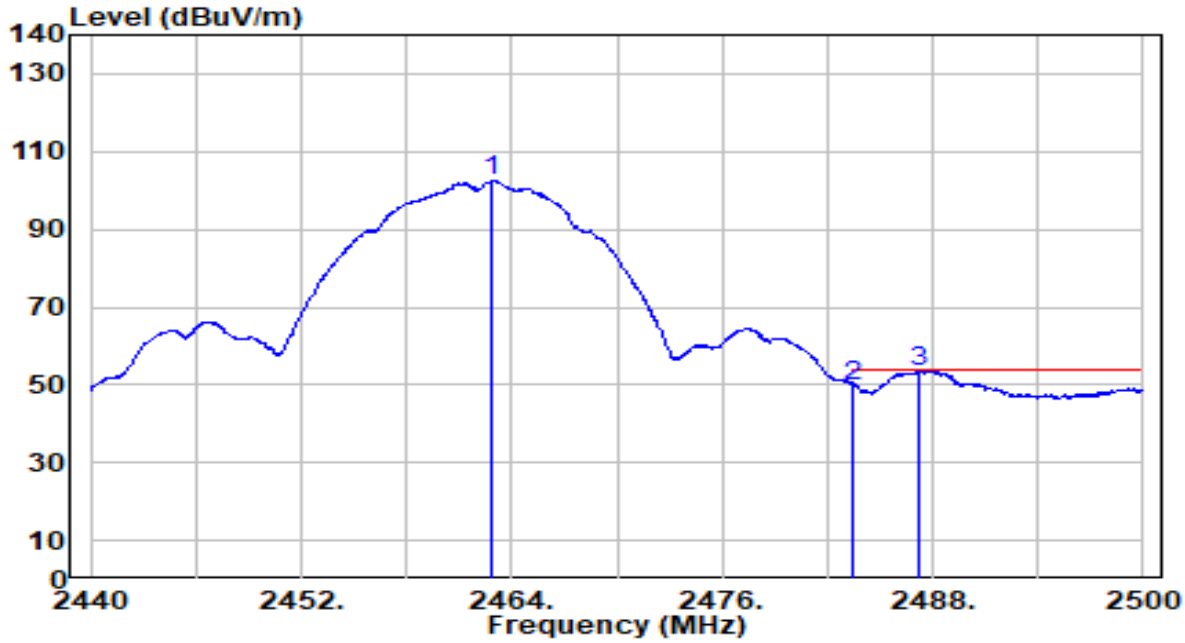



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.760 | 89.52 | 30.84 | 120.35 | N/A | N/A | 151 | 339 | Peak |
| 2 | | 2483.500 | 30.36 | 30.91 | 61.28 | -12.72 | 74.00 | 151 | 339 | Peak |
| 3 | * | 2487.340 | 33.83 | 30.93 | 64.76 | -9.24 | 74.00 | 151 | 339 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

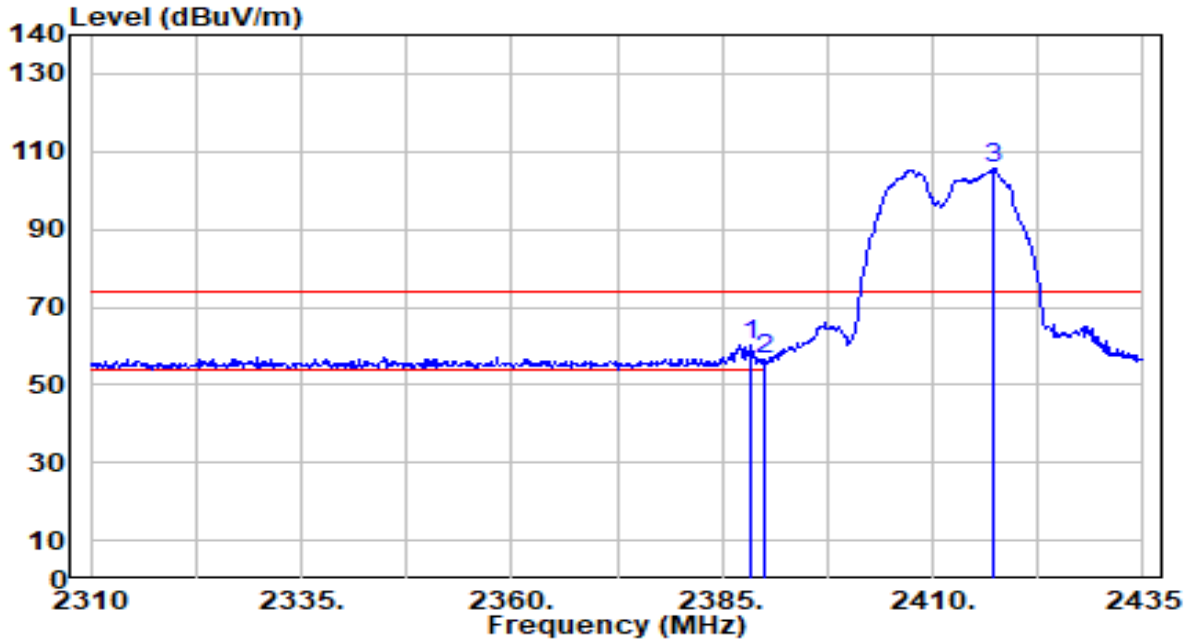



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2462.860 | 71.61 | 30.84 | 102.46 | N/A | N/A | 151 | 339 | Average |
| 2 | | 2483.500 | 18.86 | 30.91 | 49.78 | -4.22 | 54.00 | 151 | 339 | Average |
| 3 | * | 2487.220 | 22.52 | 30.93 | 53.45 | -0.55 | 54.00 | 151 | 339 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

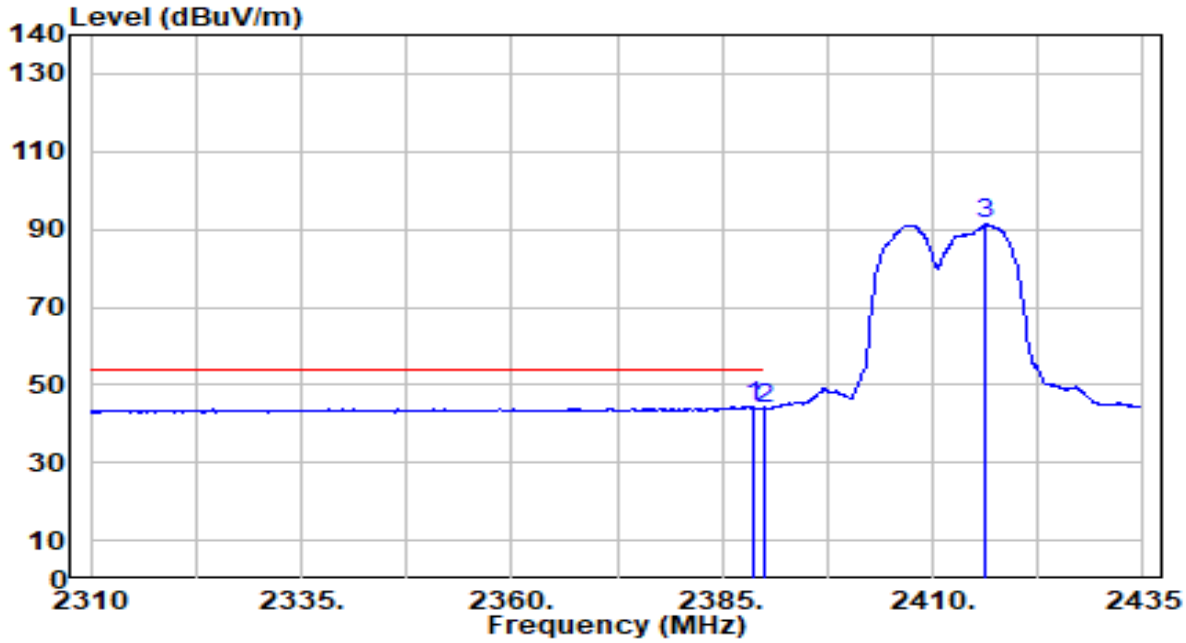



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.250 | 29.57 | 30.61 | 60.18 | -13.82 | 74.00 | 141 | 20 | Peak |
| 2 | | 2390.000 | 26.08 | 30.61 | 56.70 | -17.30 | 74.00 | 141 | 20 | Peak |
| 3 | | 2417.250 | 74.99 | 30.69 | 105.68 | N/A | N/A | 141 | 20 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

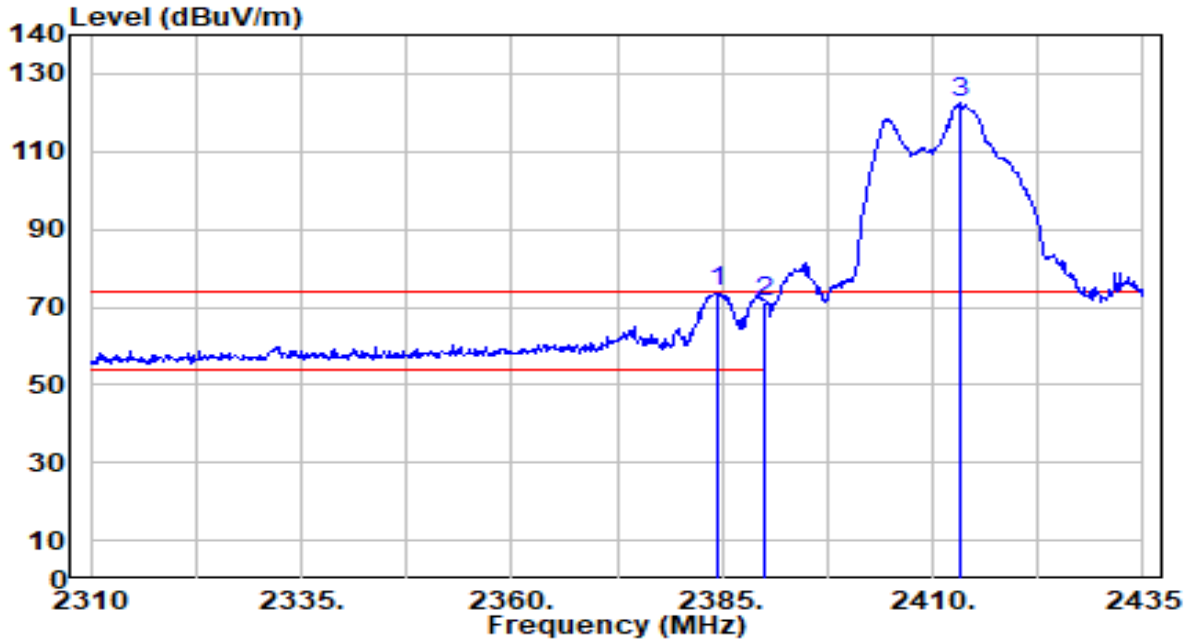



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.625 | 13.77 | 30.61 | 44.39 | -9.61 | 54.00 | 141 | 20 | Average |
| 2 | | 2390.000 | 13.11 | 30.61 | 43.73 | -10.27 | 54.00 | 141 | 20 | Average |
| 3 | | 2416.375 | 60.56 | 30.68 | 91.25 | N/A | N/A | 141 | 20 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

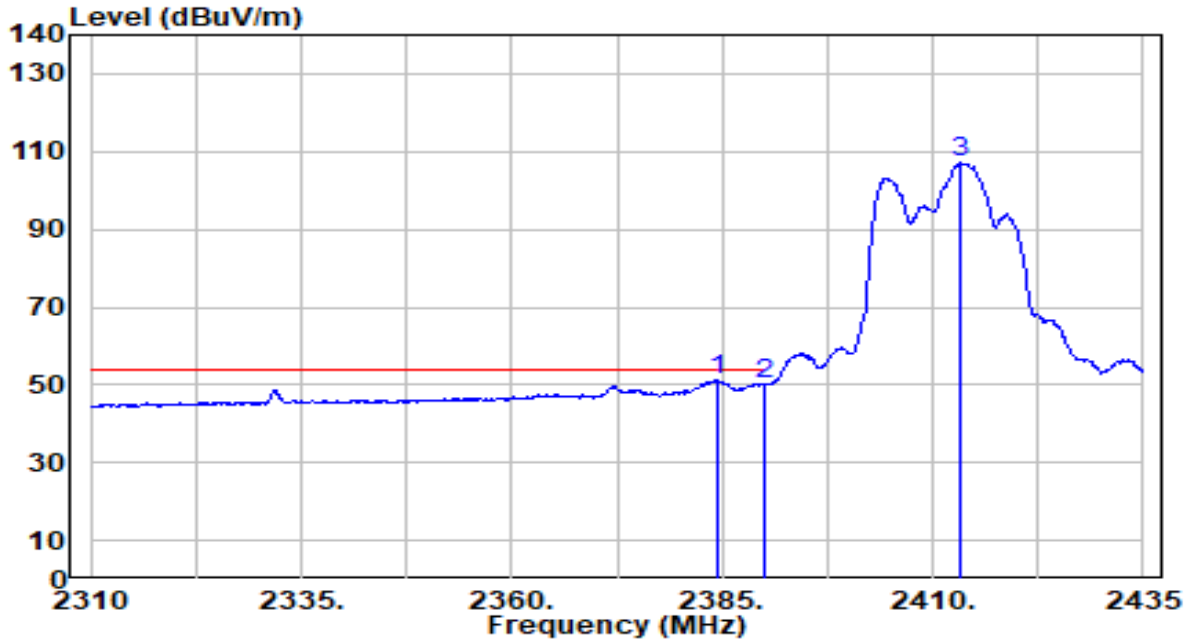



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2384.500 | 43.29 | 30.61 | 73.90 | -0.10 | 74.00 | 135 | 54 | Peak |
| 2 | | 2390.000 | 40.93 | 30.61 | 71.54 | -2.46 | 74.00 | 135 | 54 | Peak |
| 3 | | 2413.250 | 92.12 | 30.67 | 122.79 | N/A | N/A | 135 | 54 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

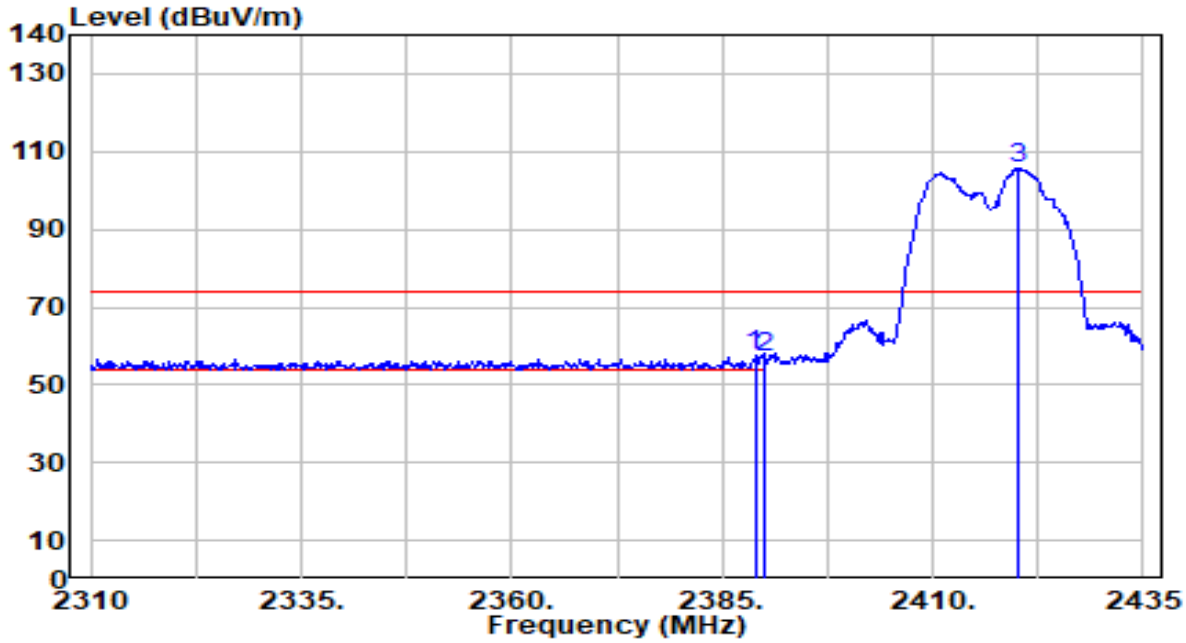



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2384.500 | 20.53 | 30.61 | 51.14 | -2.86 | 54.00 | 135 | 54 | Average |
| 2 | | 2390.000 | 19.36 | 30.61 | 49.98 | -4.02 | 54.00 | 135 | 54 | Average |
| 3 | | 2413.250 | 76.46 | 30.67 | 107.13 | N/A | N/A | 135 | 54 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

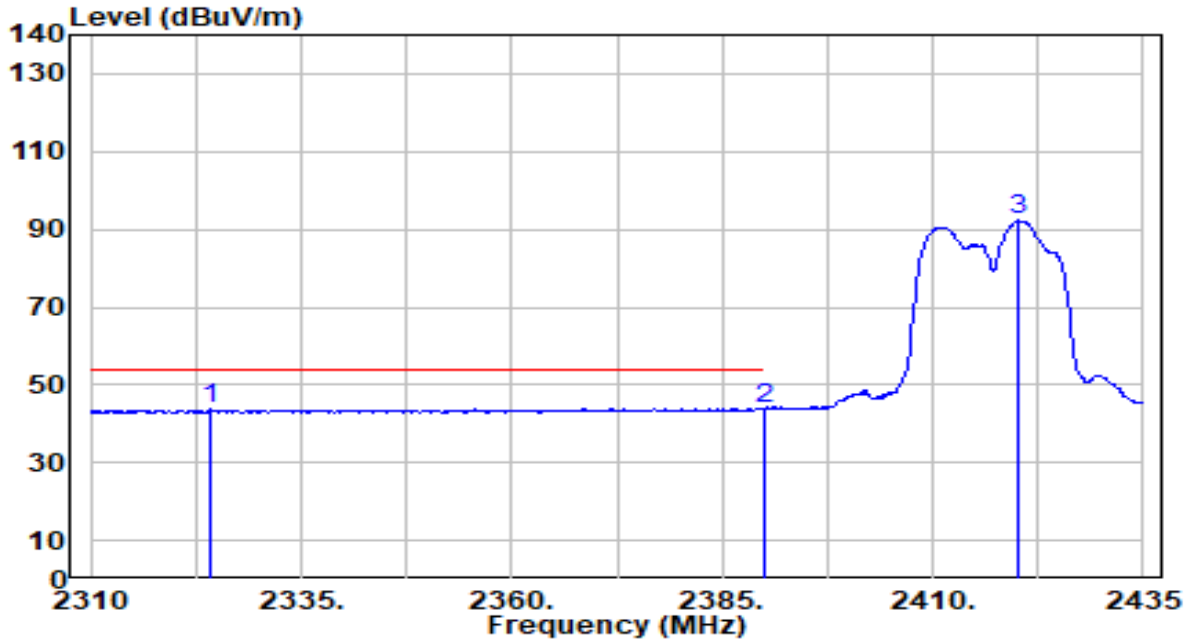



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.875 | 27.10 | 30.61 | 57.72 | -16.28 | 74.00 | 100 | 17 | Peak |
| 2 | | 2390.000 | 26.47 | 30.61 | 57.09 | -16.91 | 74.00 | 100 | 17 | Peak |
| 3 | | 2420.250 | 75.17 | 30.70 | 105.87 | N/A | N/A | 100 | 17 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

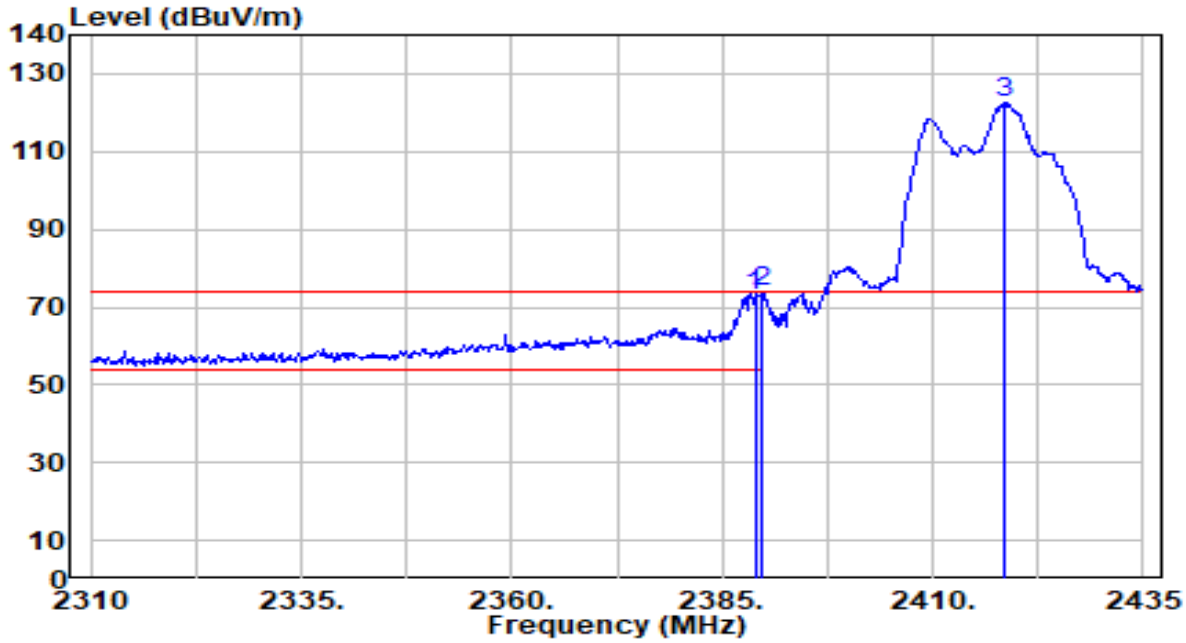



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2324.125 | 13.33 | 30.52 | 43.85 | -10.15 | 54.00 | 100 | 17 | Average |
| 2 | | 2390.000 | 13.20 | 30.61 | 43.82 | -10.18 | 54.00 | 100 | 17 | Average |
| 3 | | 2420.125 | 61.51 | 30.70 | 92.21 | N/A | N/A | 100 | 17 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

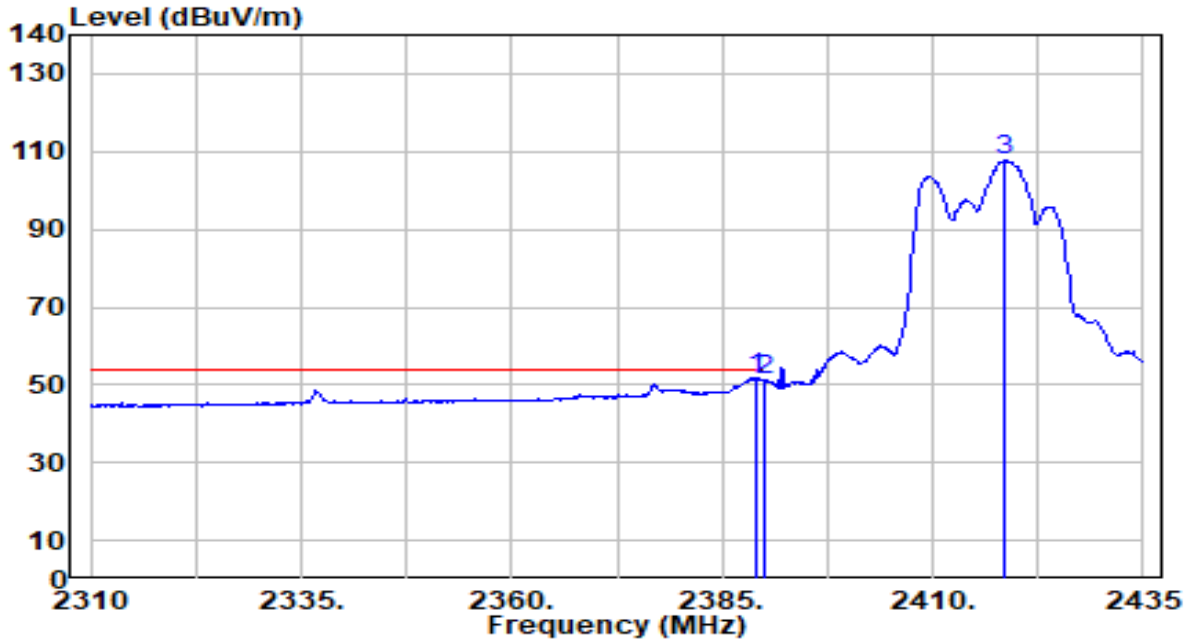



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.875 | 42.21 | 30.61 | 72.82 | -1.18 | 74.00 | 132 | 166 | Peak |
| 2 | * | 2389.750 | 43.28 | 30.61 | 73.89 | -0.11 | 74.00 | 132 | 166 | Peak |
| 3 | | 2418.625 | 91.95 | 30.69 | 122.65 | N/A | N/A | 132 | 166 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

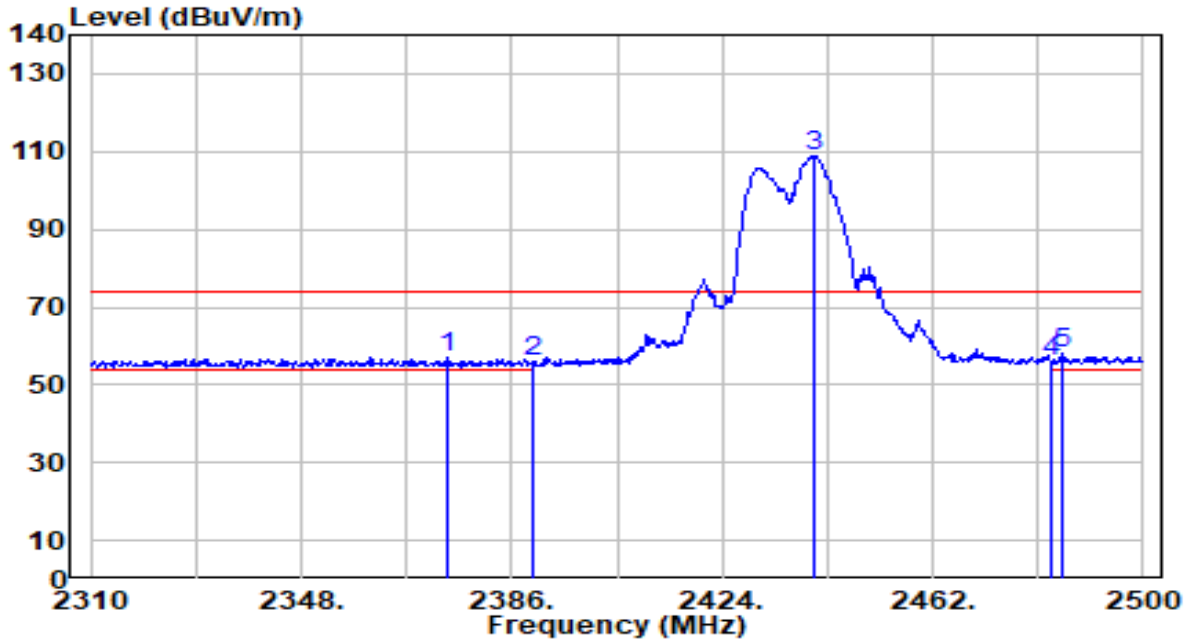



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.000 | 21.23 | 30.61 | 51.84 | -2.16 | 54.00 | 132 | 166 | Average |
| 2 | | 2390.000 | 20.47 | 30.61 | 51.08 | -2.92 | 54.00 | 132 | 166 | Average |
| 3 | | 2418.625 | 76.94 | 30.69 | 107.63 | N/A | N/A | 132 | 166 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

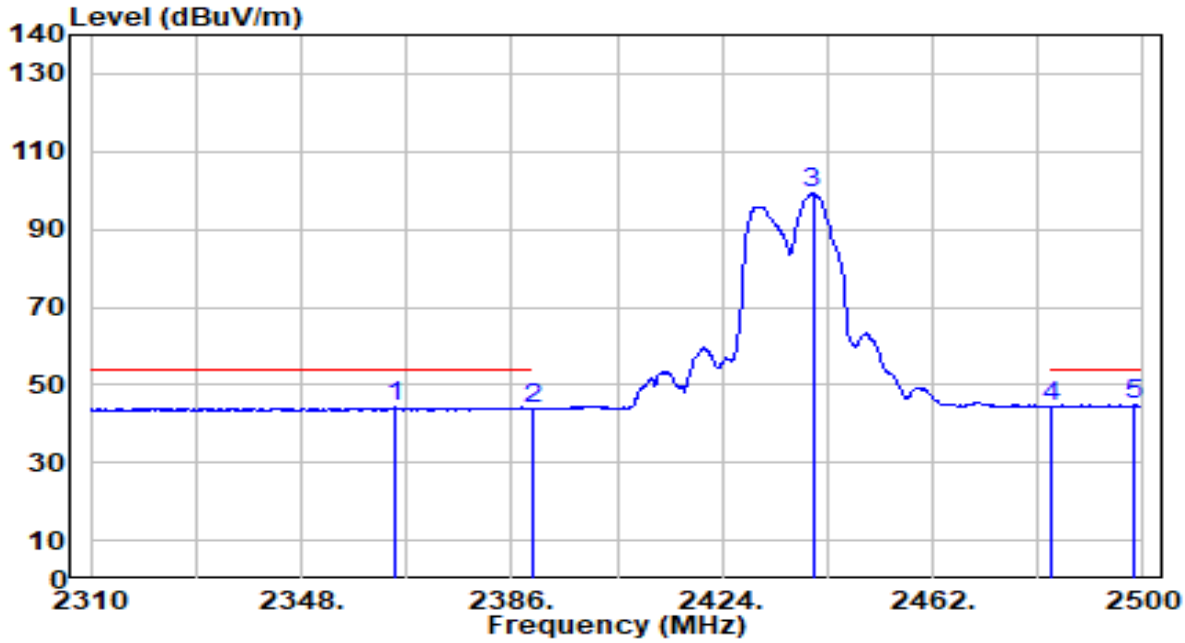



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2374.220 | 26.38 | 30.59 | 56.98 | -17.02 | 74.00 | 180 | 18 | Peak |
| 2 | | 2390.000 | 25.30 | 30.61 | 55.91 | -18.09 | 74.00 | 180 | 18 | Peak |
| 3 | | 2440.530 | 78.02 | 30.77 | 108.79 | N/A | N/A | 180 | 18 | Peak |
| 4 | | 2483.500 | 25.11 | 30.91 | 56.02 | -17.98 | 74.00 | 180 | 18 | Peak |
| 5 | * | 2485.180 | 27.37 | 30.92 | 58.29 | -15.71 | 74.00 | 180 | 18 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

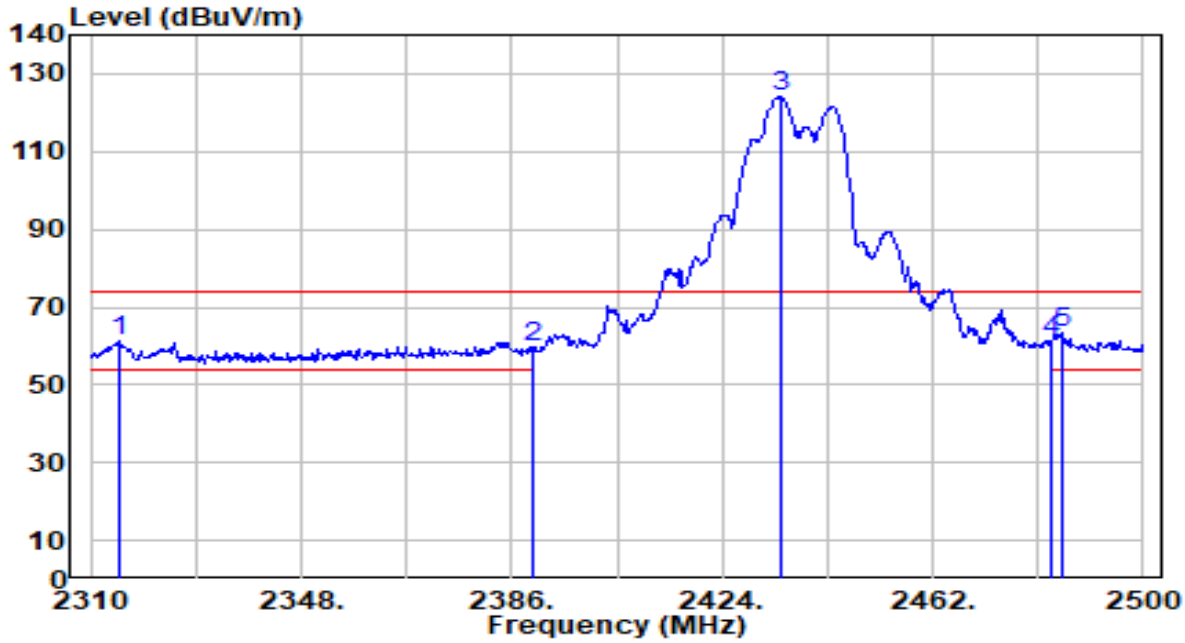



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2364.910 | 13.58 | 30.58 | 44.16 | -9.84 | 54.00 | 180 | 18 | Average |
| 2 | | 2390.000 | 13.12 | 30.61 | 43.74 | -10.26 | 54.00 | 180 | 18 | Average |
| 3 | | 2440.340 | 68.36 | 30.77 | 99.13 | N/A | N/A | 180 | 18 | Average |
| 4 | | 2483.500 | 13.62 | 30.91 | 44.54 | -9.46 | 54.00 | 180 | 18 | Average |
| 5 | * | 2498.480 | 13.86 | 30.96 | 44.82 | -9.18 | 54.00 | 180 | 18 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

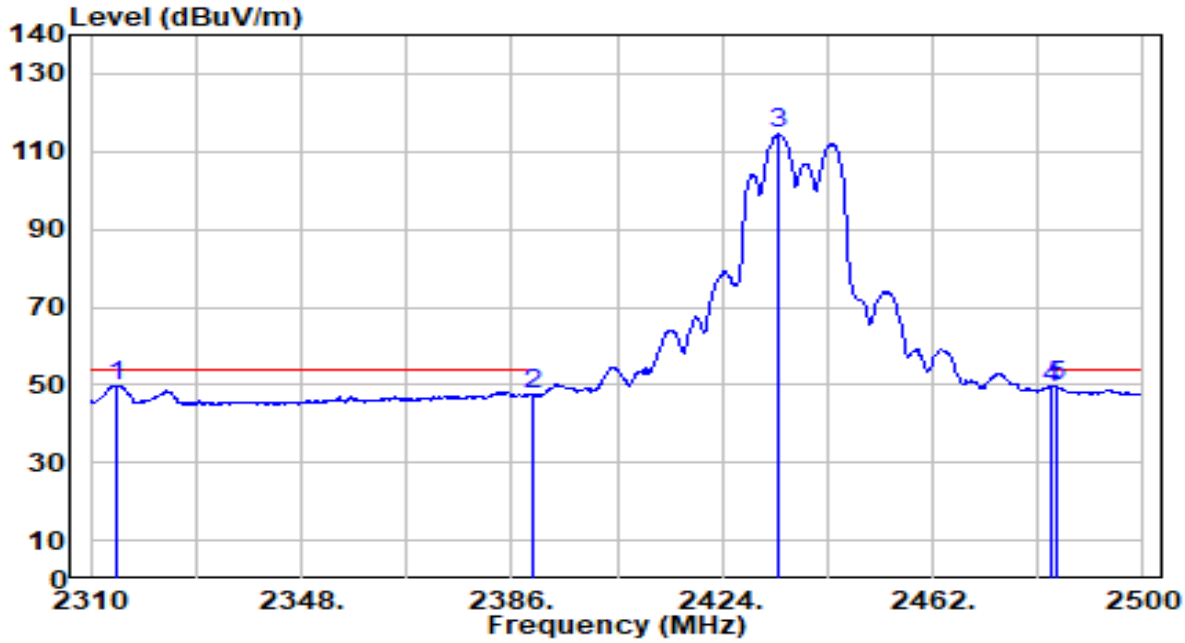



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2315.130 | 30.55 | 30.51 | 61.06 | -12.94 | 74.00 | 134 | 18 | Peak |
| 2 | | 2390.000 | 29.00 | 30.61 | 59.61 | -14.39 | 74.00 | 134 | 18 | Peak |
| 3 | | 2434.450 | 93.48 | 30.75 | 124.22 | N/A | N/A | 134 | 18 | Peak |
| 4 | | 2483.500 | 30.42 | 30.91 | 61.34 | -12.66 | 74.00 | 134 | 18 | Peak |
| 5 | * | 2485.370 | 32.24 | 30.92 | 63.16 | -10.84 | 74.00 | 134 | 18 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

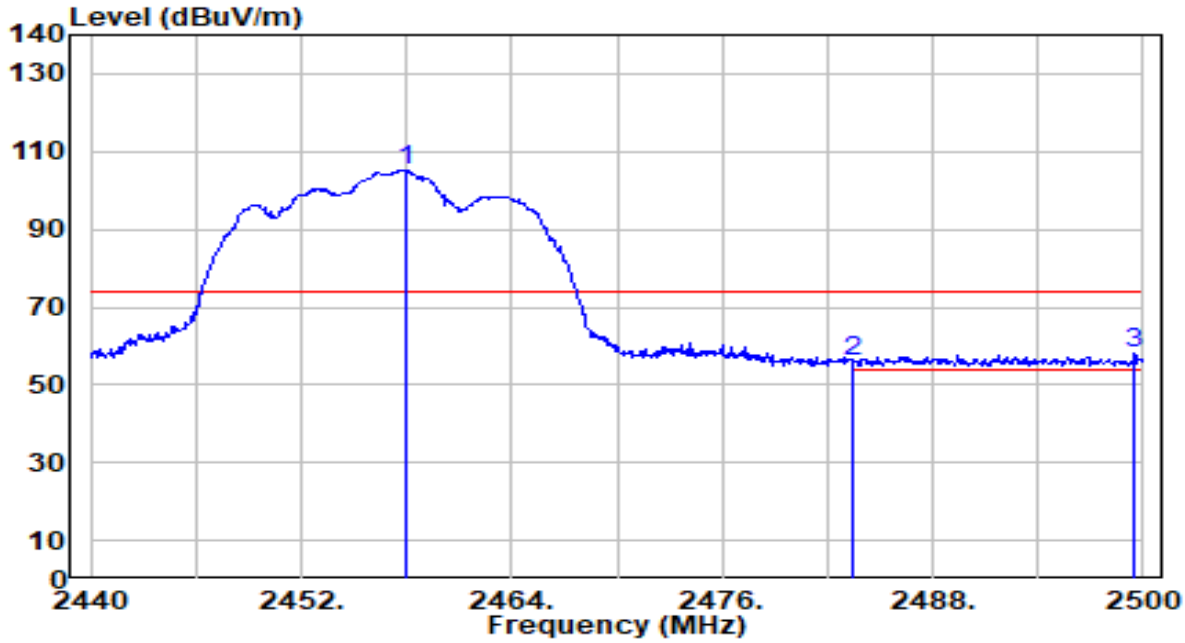



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2314.560 | 19.26 | 30.51 | 49.77 | -4.23 | 54.00 | 134 | 18 | Average |
| 2 | | 2390.000 | 16.92 | 30.61 | 47.53 | -6.47 | 54.00 | 134 | 18 | Average |
| 3 | | 2434.260 | 83.76 | 30.75 | 114.51 | N/A | N/A | 134 | 18 | Average |
| 4 | | 2483.500 | 18.48 | 30.91 | 49.39 | -4.61 | 54.00 | 134 | 18 | Average |
| 5 | | 2484.230 | 18.80 | 30.92 | 49.72 | -4.28 | 54.00 | 134 | 18 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

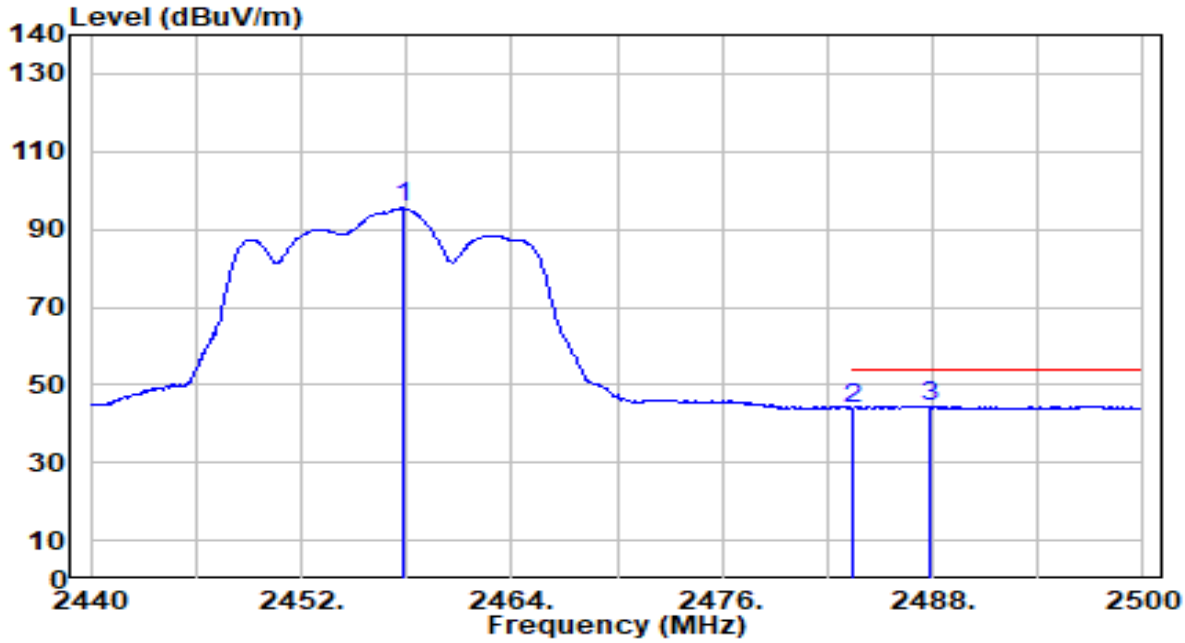



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2457.940 | 74.28 | 30.83 | 105.11 | N/A | N/A | 100 | 20 | Peak |
| 2 | | 2483.500 | 24.95 | 30.91 | 55.86 | -18.14 | 74.00 | 100 | 20 | Peak |
| 3 | * | 2499.520 | 27.00 | 30.97 | 57.97 | -16.03 | 74.00 | 100 | 20 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

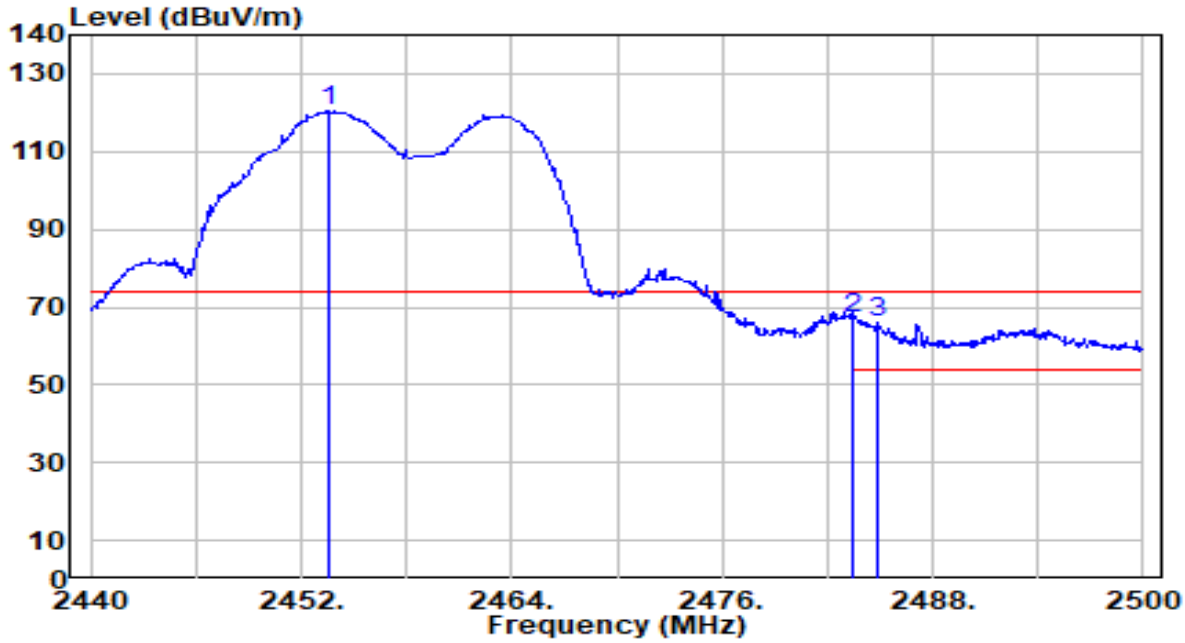



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2457.760 | 64.65 | 30.83 | 95.47 | N/A | N/A | 100 | 20 | Average |
| 2 | | 2483.500 | 13.08 | 30.91 | 43.99 | -10.01 | 54.00 | 100 | 20 | Average |
| 3 | * | 2487.880 | 13.71 | 30.93 | 44.64 | -9.36 | 54.00 | 100 | 20 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

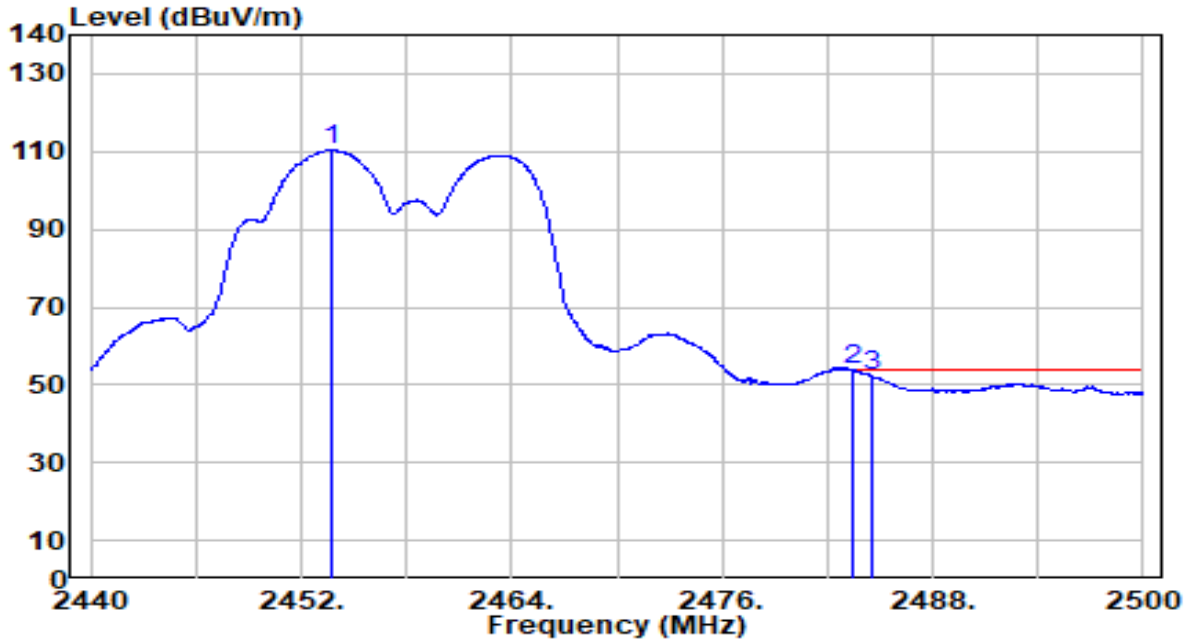



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.620 | 89.63 | 30.81 | 120.44 | N/A | N/A | 129 | 52 | Peak |
| 2 | * | 2483.500 | 36.31 | 30.91 | 67.23 | -6.77 | 74.00 | 129 | 52 | Peak |
| 3 | | 2484.880 | 35.35 | 30.92 | 66.27 | -7.73 | 74.00 | 129 | 52 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

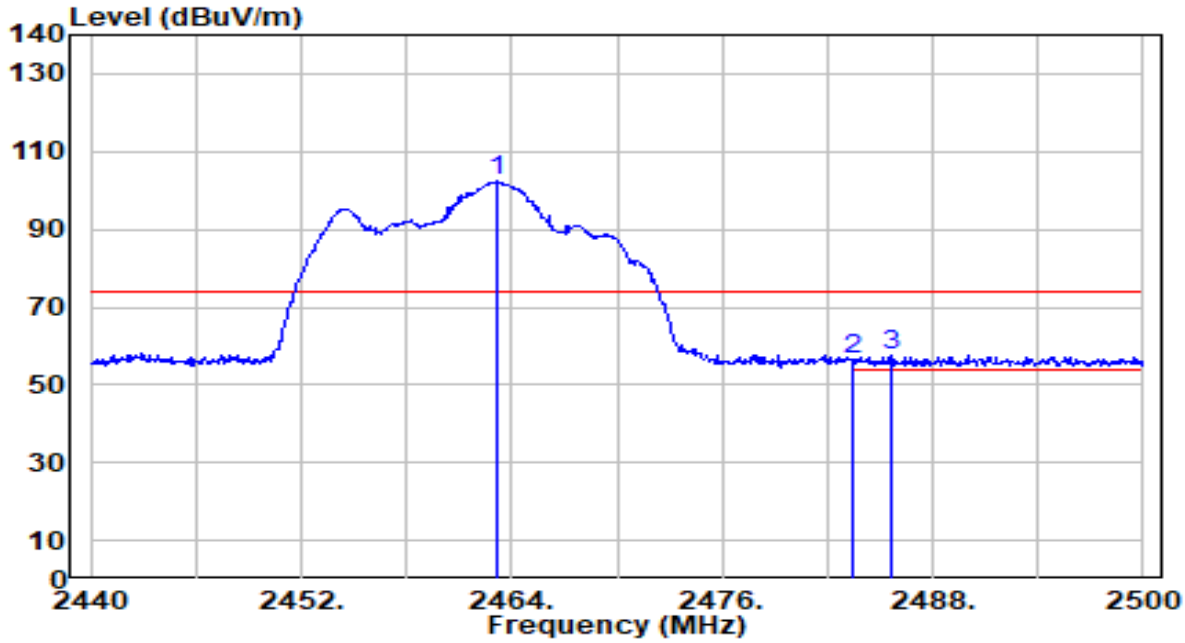



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.800 | 79.71 | 30.81 | 110.53 | N/A | N/A | 129 | 52 | Average |
| 2 | * | 2483.500 | 22.90 | 30.91 | 53.81 | -0.19 | 54.00 | 129 | 52 | Average |
| 3 | | 2484.520 | 21.21 | 30.92 | 52.13 | -1.87 | 54.00 | 129 | 52 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

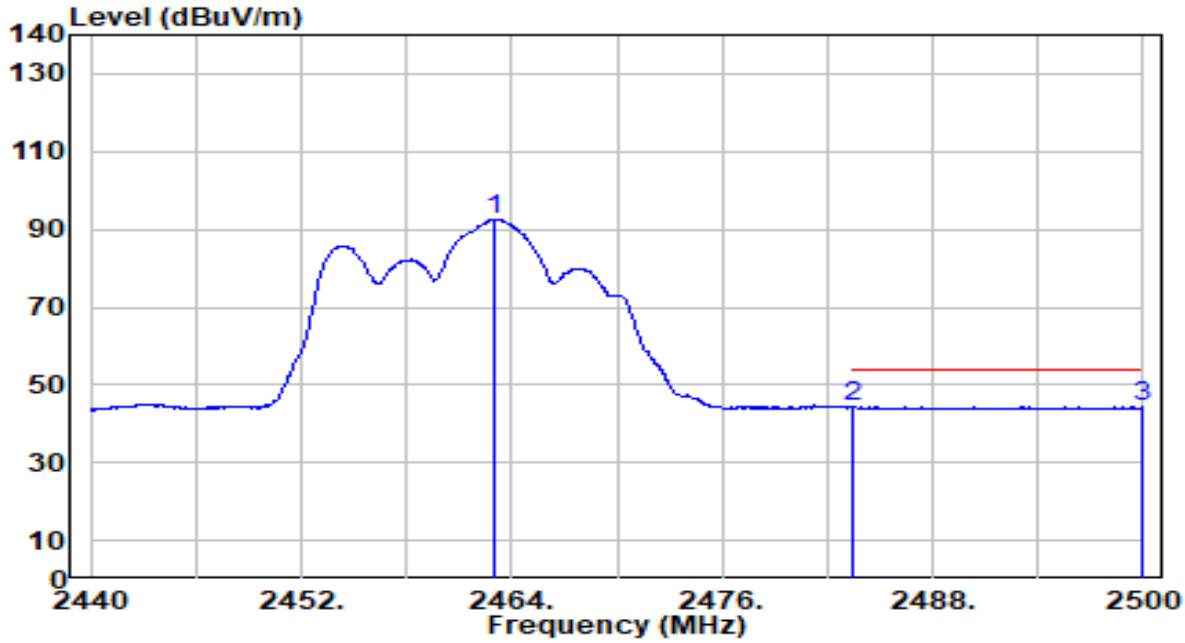



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.220 | 71.40 | 30.84 | 102.25 | N/A | N/A | 150 | 237 | Peak |
| 2 | | 2483.500 | 25.42 | 30.91 | 56.33 | -17.67 | 74.00 | 150 | 237 | Peak |
| 3 | * | 2485.600 | 26.86 | 30.92 | 57.78 | -16.22 | 74.00 | 150 | 237 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

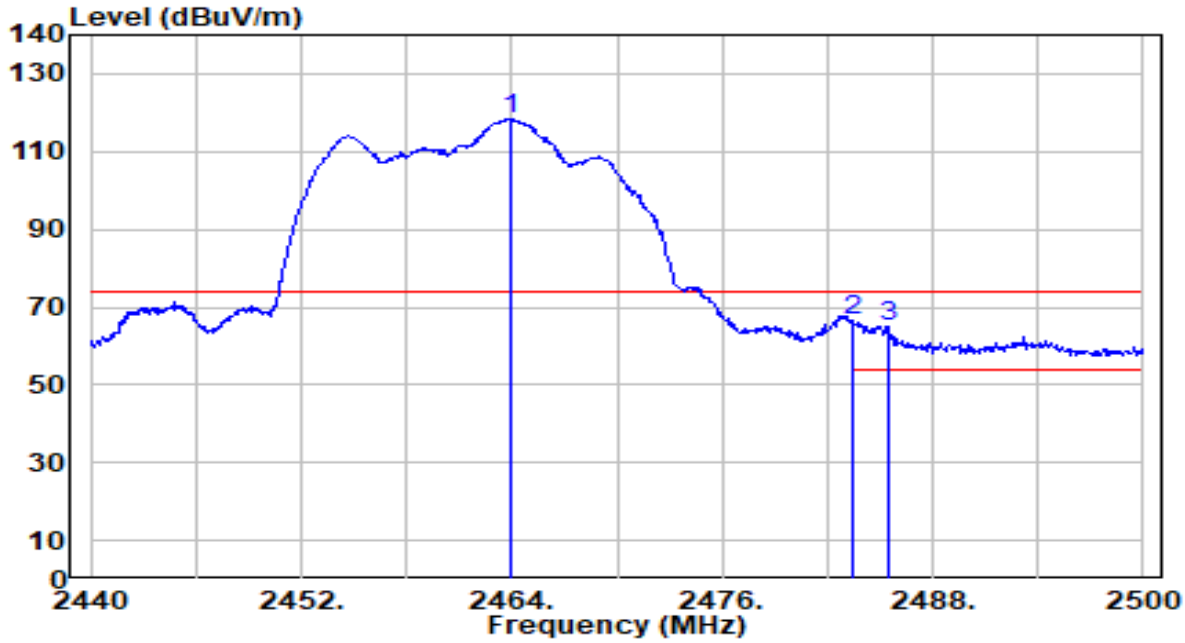



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.040 | 61.68 | 30.84 | 92.53 | N/A | N/A | 150 | 237 | Average |
| 2 | * | 2483.500 | 13.58 | 30.91 | 44.50 | -9.50 | 54.00 | 150 | 237 | Average |
| 3 | | 2499.940 | 13.32 | 30.97 | 44.29 | -9.71 | 54.00 | 150 | 237 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

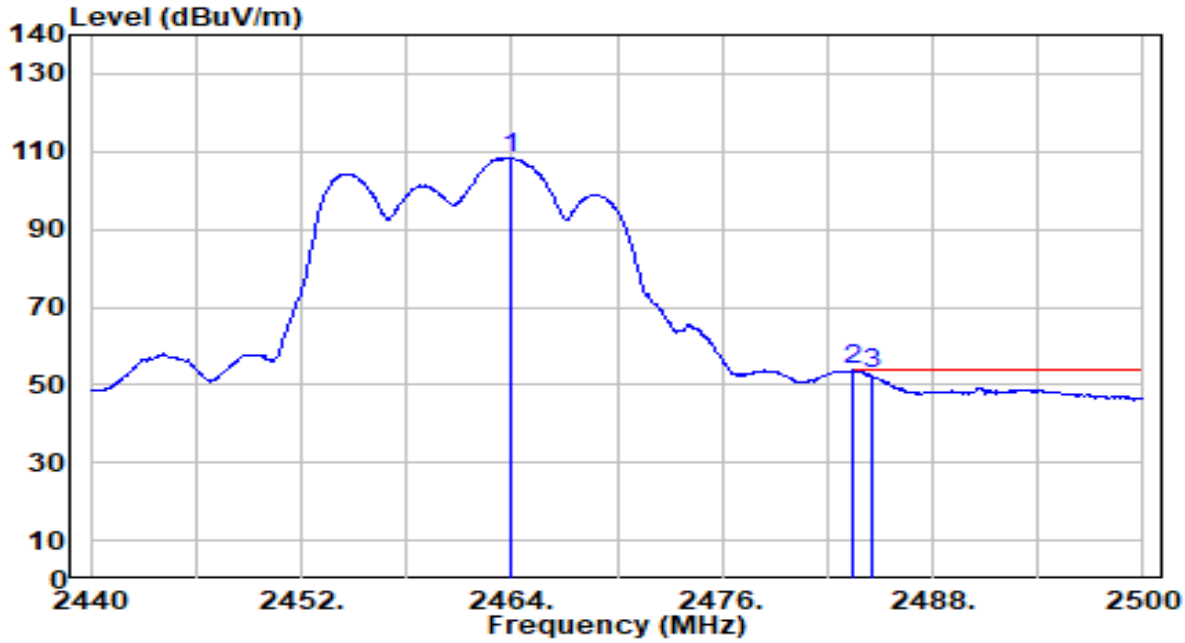



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.940 | 87.39 | 30.85 | 118.24 | N/A | N/A | 141 | 19 | Peak |
| 2 | * | 2483.500 | 35.53 | 30.91 | 66.44 | -7.56 | 74.00 | 141 | 19 | Peak |
| 3 | | 2485.420 | 34.07 | 30.92 | 64.99 | -9.01 | 74.00 | 141 | 19 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

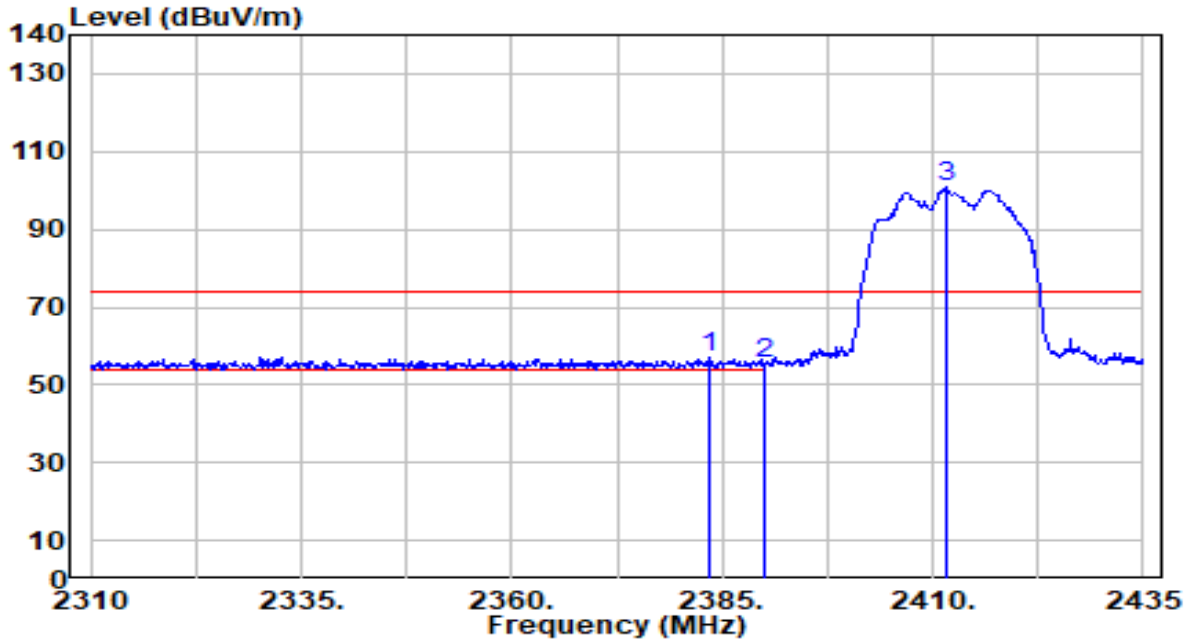



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.880 | 77.52 | 30.85 | 108.37 | N/A | N/A | 141 | 19 | Average |
| 2 | * | 2483.500 | 22.92 | 30.91 | 53.84 | -0.16 | 54.00 | 141 | 19 | Average |
| 3 | | 2484.520 | 21.80 | 30.92 | 52.72 | -1.28 | 54.00 | 141 | 19 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

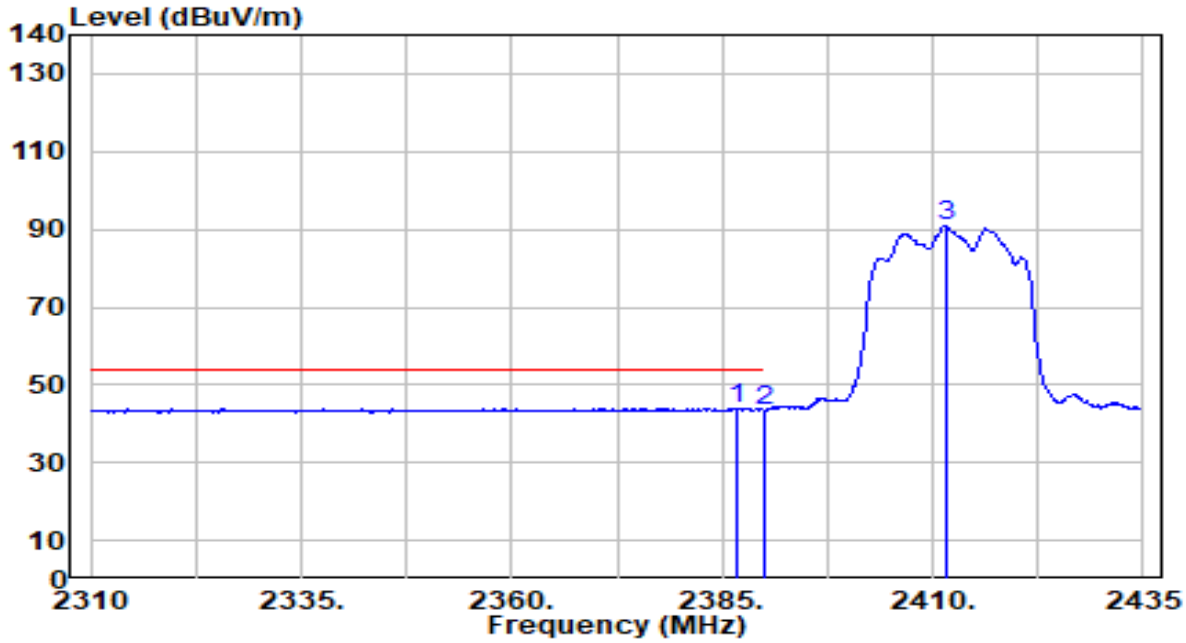



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2383.500 | 26.57 | 30.60 | 57.18 | -16.82 | 74.00 | 103 | 15 | Peak |
| 2 | | 2390.000 | 24.73 | 30.61 | 55.34 | -18.66 | 74.00 | 103 | 15 | Peak |
| 3 | | 2411.625 | 70.18 | 30.67 | 100.85 | N/A | N/A | 103 | 15 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

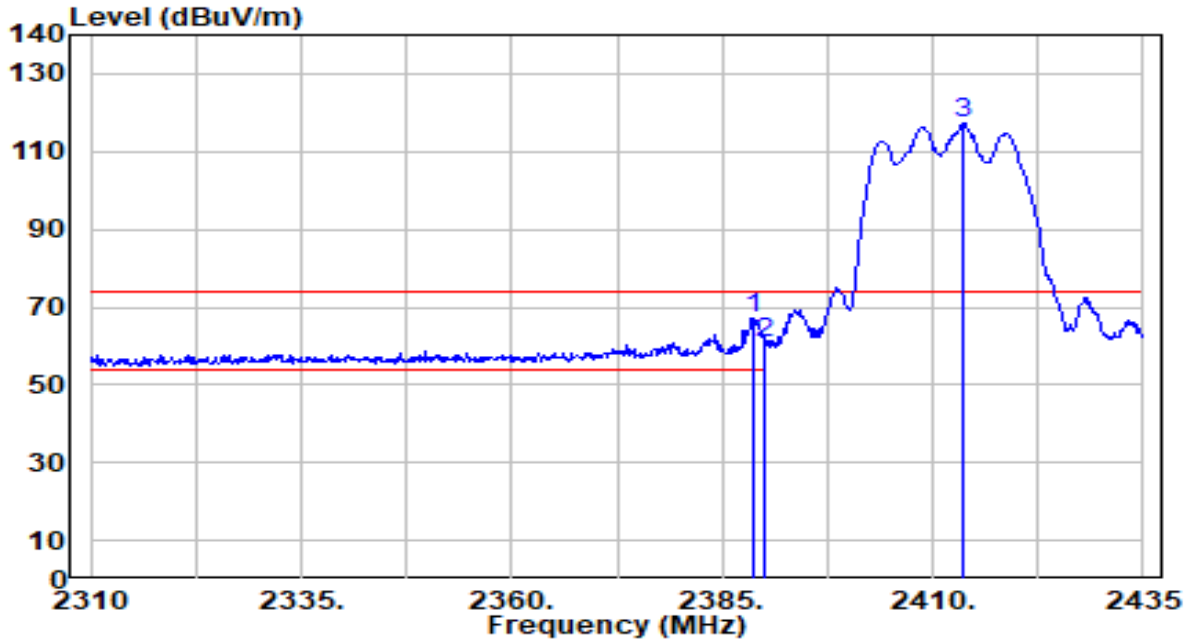



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.625 | 13.32 | 30.61 | 43.92 | -10.08 | 54.00 | 103 | 15 | Average |
| 2 | | 2390.000 | 12.97 | 30.61 | 43.58 | -10.42 | 54.00 | 103 | 15 | Average |
| 3 | | 2411.500 | 60.30 | 30.67 | 90.97 | N/A | N/A | 103 | 15 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

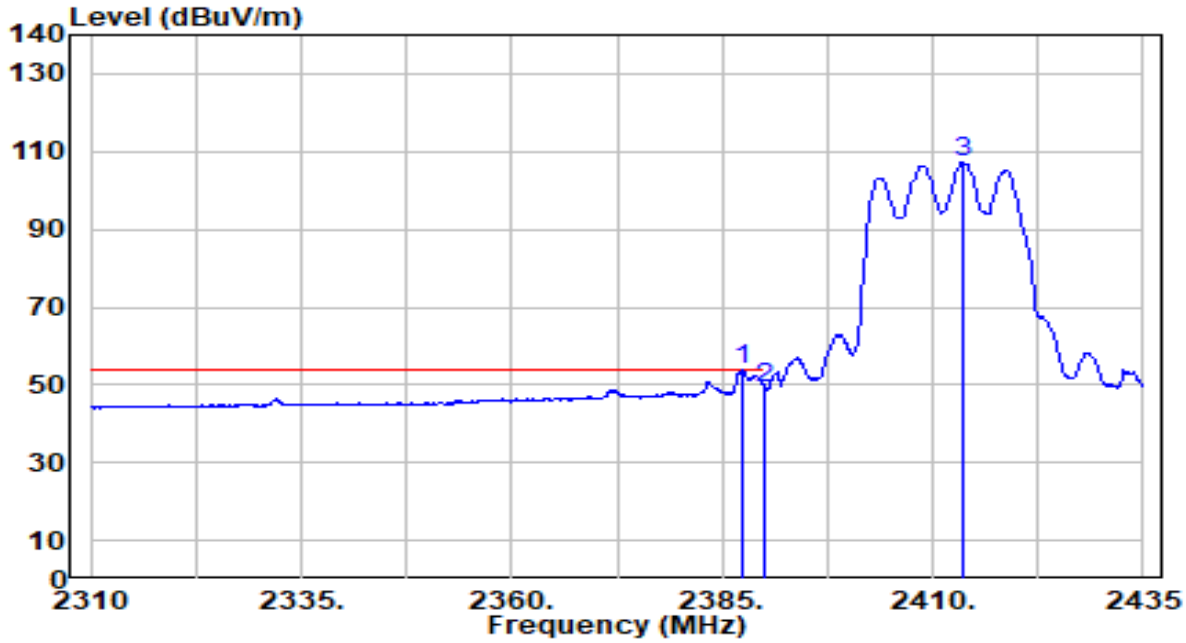



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.625 | 36.50 | 30.61 | 67.11 | -6.89 | 74.00 | 136 | 163 | Peak |
| 2 | | 2390.000 | 30.26 | 30.61 | 60.87 | -13.13 | 74.00 | 136 | 163 | Peak |
| 3 | | 2413.625 | 86.64 | 30.67 | 117.32 | N/A | N/A | 136 | 163 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

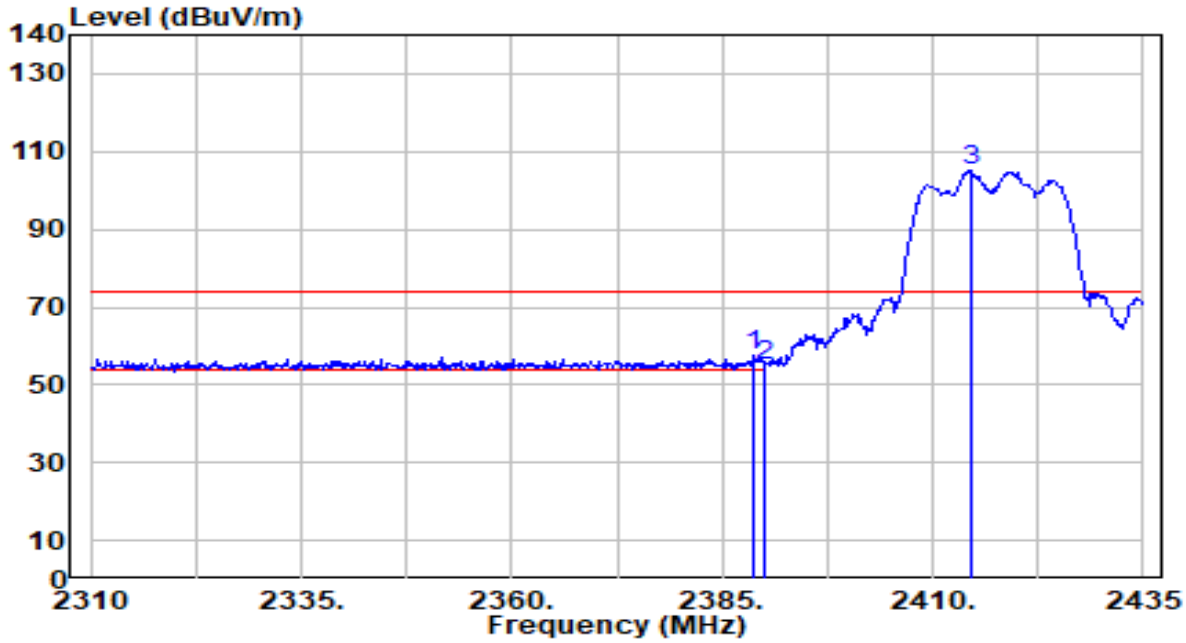



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.500 | 23.25 | 30.61 | 53.87 | -0.13 | 54.00 | 136 | 163 | Average |
| 2 | | 2390.000 | 18.73 | 30.61 | 49.34 | -4.66 | 54.00 | 136 | 163 | Average |
| 3 | | 2413.625 | 76.80 | 30.67 | 107.48 | N/A | N/A | 136 | 163 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

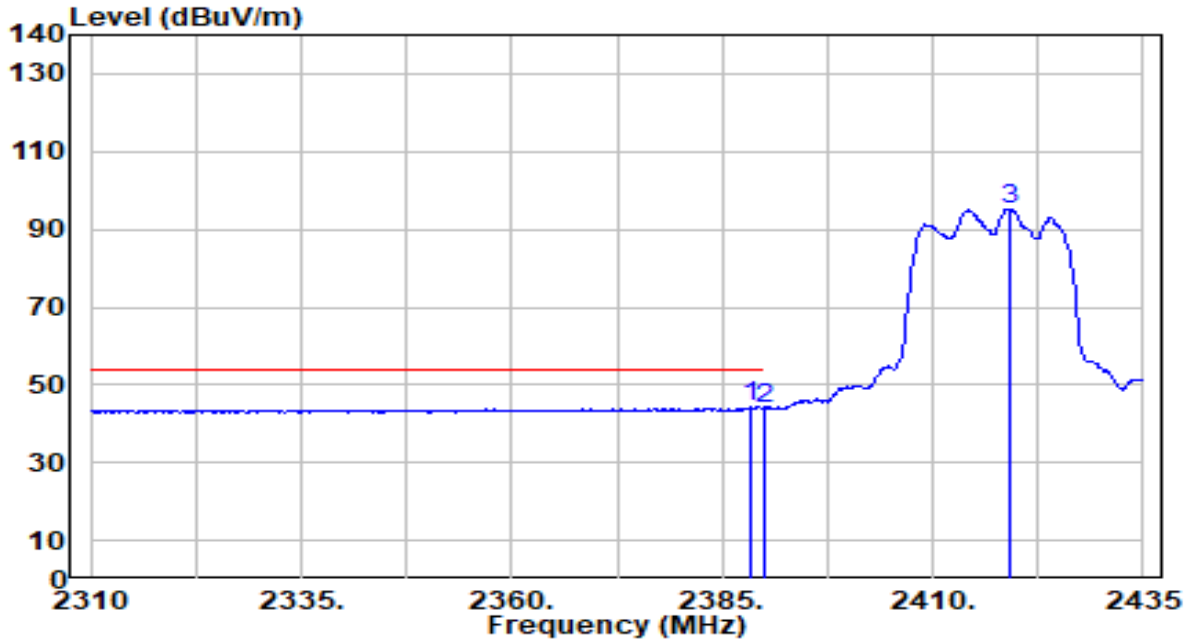



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.750 | 26.99 | 30.61 | 57.60 | -16.40 | 74.00 | 100 | 15 | Peak |
| 2 | | 2390.000 | 24.31 | 30.61 | 54.93 | -19.07 | 74.00 | 100 | 15 | Peak |
| 3 | | 2414.500 | 74.62 | 30.68 | 105.30 | N/A | N/A | 100 | 15 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

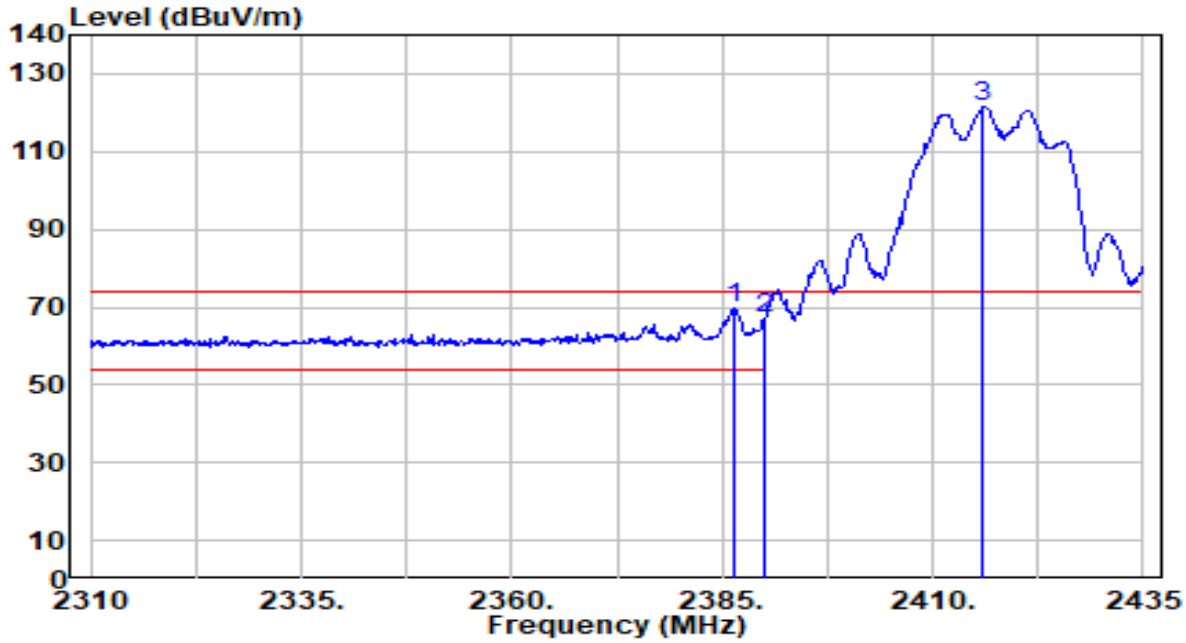



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.500 | 13.61 | 30.61 | 44.22 | -9.78 | 54.00 | 100 | 15 | Average |
| 2 | | 2390.000 | 13.27 | 30.61 | 43.88 | -10.12 | 54.00 | 100 | 15 | Average |
| 3 | | 2419.125 | 64.50 | 30.69 | 95.19 | N/A | N/A | 100 | 15 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

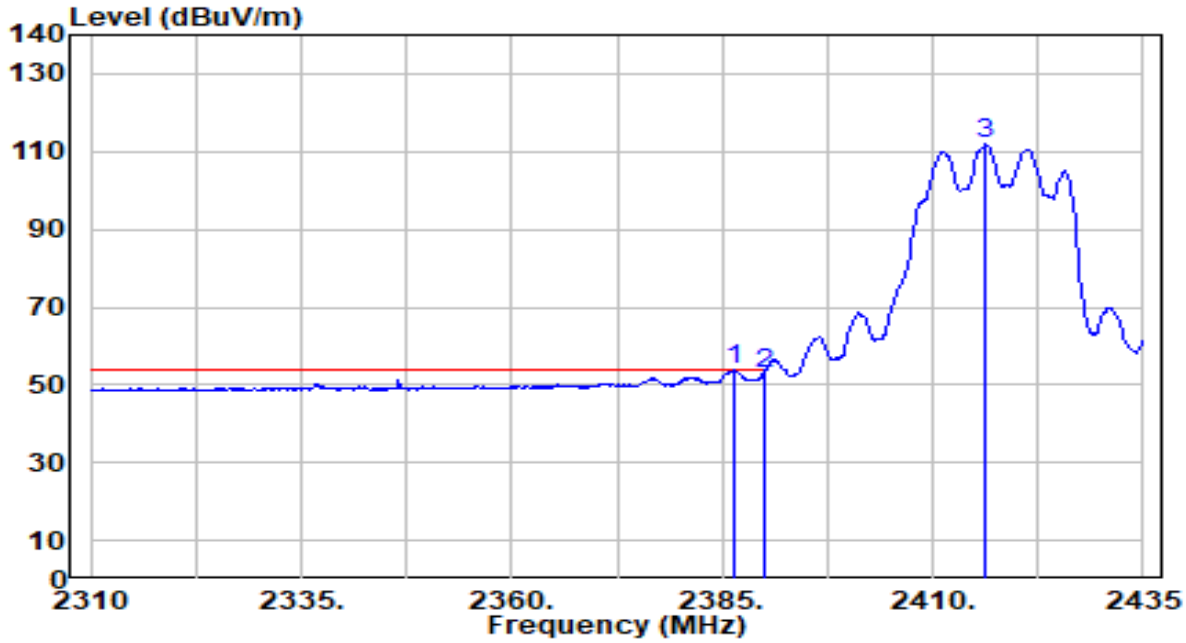



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.375 | 39.34 | 30.61 | 69.95 | -4.05 | 74.00 | 160 | 164 | Peak |
| 2 | | 2390.000 | 36.37 | 30.61 | 66.99 | -7.01 | 74.00 | 160 | 164 | Peak |
| 3 | | 2416.000 | 90.81 | 30.68 | 121.49 | N/A | N/A | 160 | 164 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 2_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

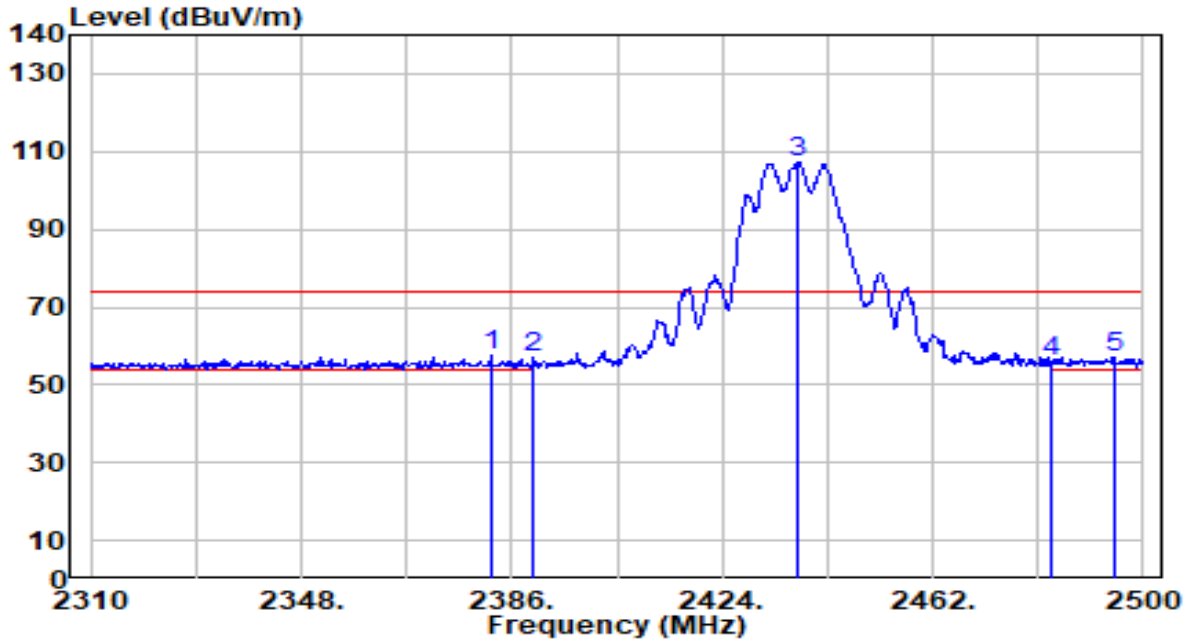



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.500 | 23.26 | 30.61 | 53.87 | -0.13 | 54.00 | 160 | 164 | Average |
| 2 | | 2390.000 | 22.35 | 30.61 | 52.96 | -1.04 | 54.00 | 160 | 164 | Average |
| 3 | | 2416.375 | 81.05 | 30.68 | 111.74 | N/A | N/A | 160 | 164 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

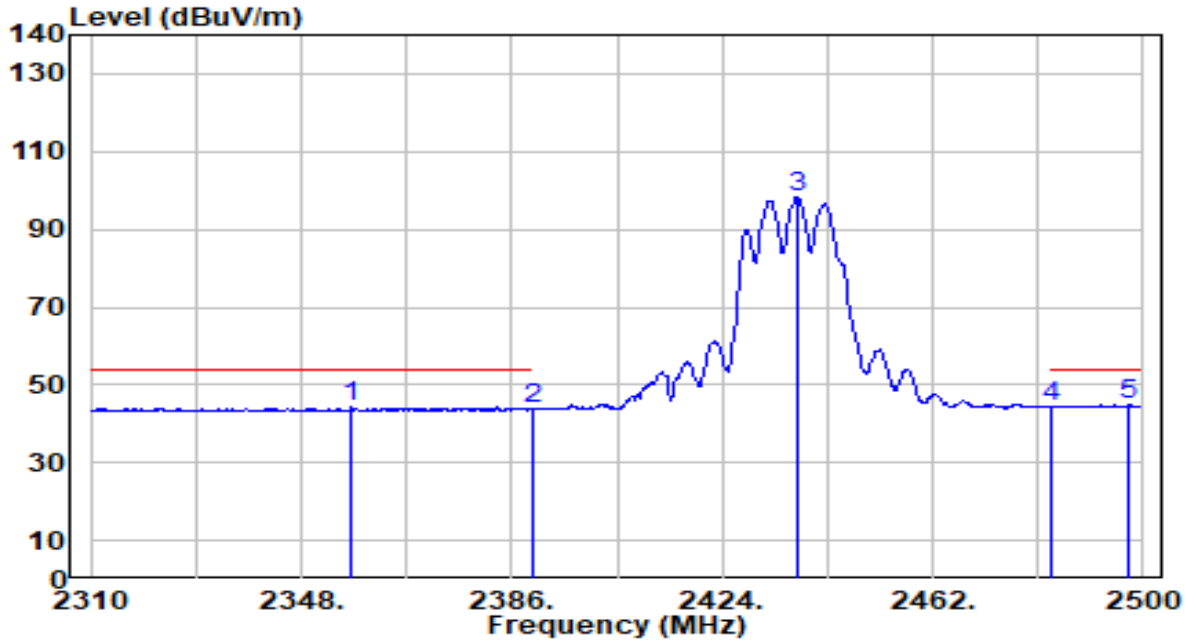



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2382.390 | 26.83 | 30.60 | 57.43 | -16.57 | 74.00 | 142 | 19 | Peak |
| 2 | | 2390.000 | 26.21 | 30.61 | 56.82 | -17.18 | 74.00 | 142 | 19 | Peak |
| 3 | | 2437.680 | 76.68 | 30.76 | 107.44 | N/A | N/A | 142 | 19 | Peak |
| 4 | | 2483.500 | 24.91 | 30.91 | 55.82 | -18.18 | 74.00 | 142 | 19 | Peak |
| 5 | | 2494.680 | 25.94 | 30.95 | 56.89 | -17.11 | 74.00 | 142 | 19 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

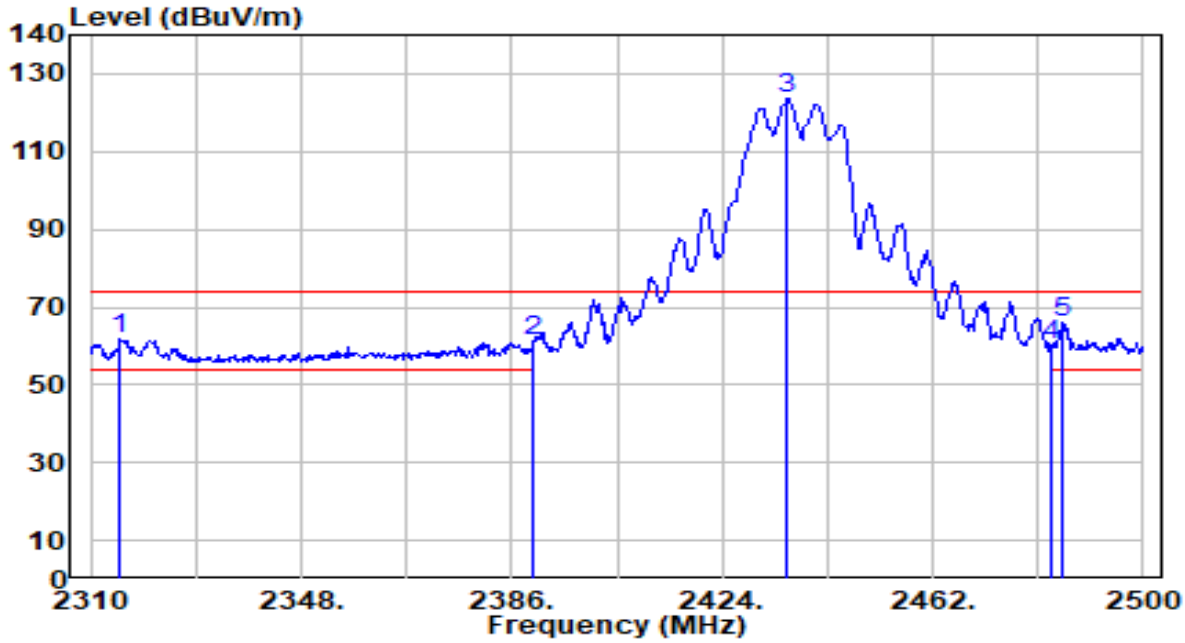



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2357.120 | 13.62 | 30.57 | 44.19 | -9.81 | 54.00 | 142 | 19 | Average |
| 2 | | 2390.000 | 13.02 | 30.61 | 43.64 | -10.36 | 54.00 | 142 | 19 | Average |
| 3 | | 2437.490 | 67.39 | 30.76 | 98.15 | N/A | N/A | 142 | 19 | Average |
| 4 | | 2483.500 | 13.35 | 30.91 | 44.27 | -9.73 | 54.00 | 142 | 19 | Average |
| 5 | * | 2497.530 | 13.86 | 30.96 | 44.82 | -9.18 | 54.00 | 142 | 19 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

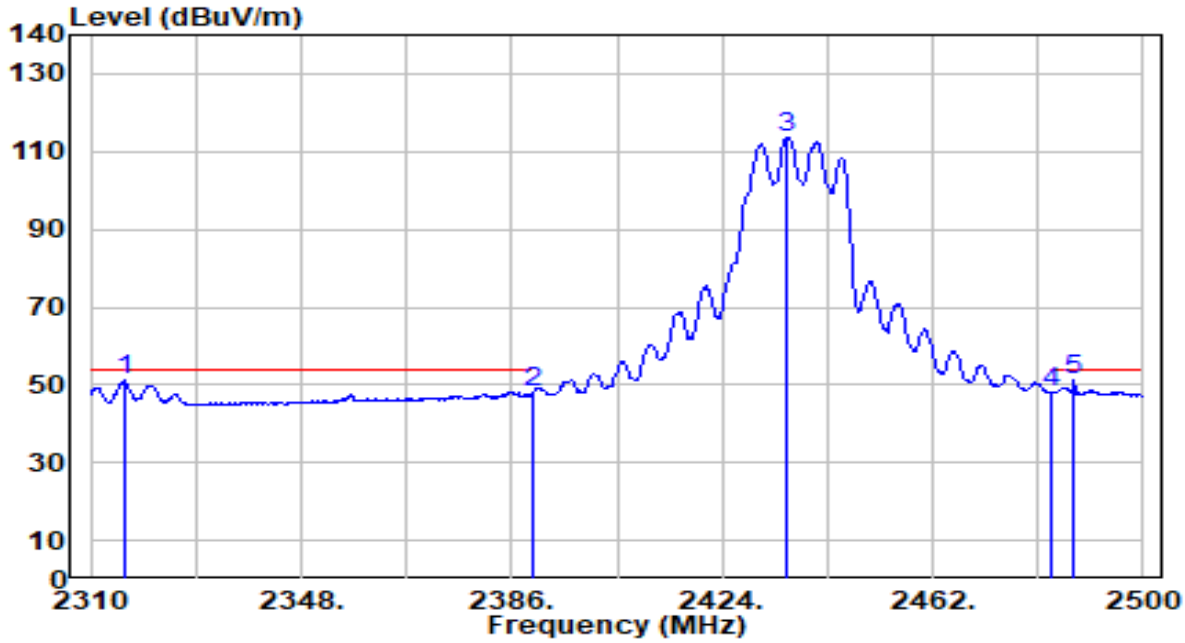



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2315.320 | 31.25 | 30.51 | 61.76 | -12.24 | 74.00 | 140 | 24 | Peak |
| 2 | | 2390.000 | 30.68 | 30.61 | 61.29 | -12.71 | 74.00 | 140 | 24 | Peak |
| 3 | | 2435.780 | 92.86 | 30.75 | 123.61 | N/A | N/A | 140 | 24 | Peak |
| 4 | | 2483.500 | 29.05 | 30.91 | 59.97 | -14.03 | 74.00 | 140 | 24 | Peak |
| 5 | * | 2485.560 | 35.13 | 30.92 | 66.05 | -7.95 | 74.00 | 140 | 24 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

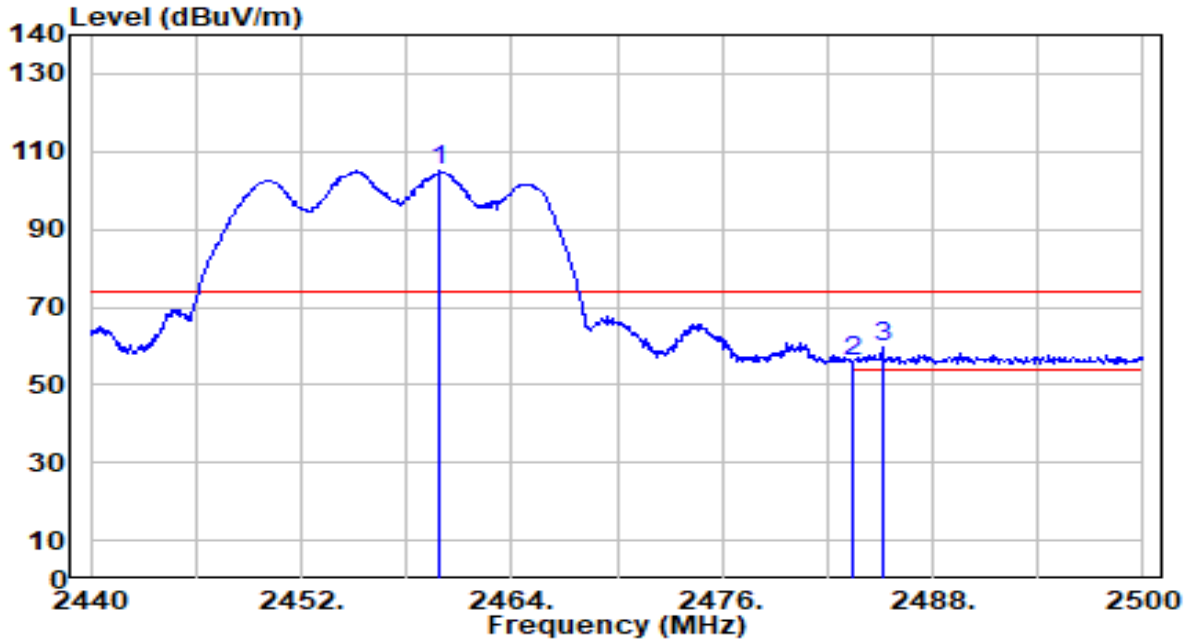



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2316.080 | 20.70 | 30.51 | 51.21 | -2.79 | 54.00 | 140 | 24 | Average |
| 2 | | 2390.000 | 17.66 | 30.61 | 48.27 | -5.73 | 54.00 | 140 | 24 | Average |
| 3 | | 2435.590 | 82.90 | 30.75 | 113.65 | N/A | N/A | 140 | 24 | Average |
| 4 | | 2483.500 | 17.18 | 30.91 | 48.09 | -5.91 | 54.00 | 140 | 24 | Average |
| 5 | | 2487.460 | 20.20 | 30.93 | 51.13 | -2.87 | 54.00 | 140 | 24 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

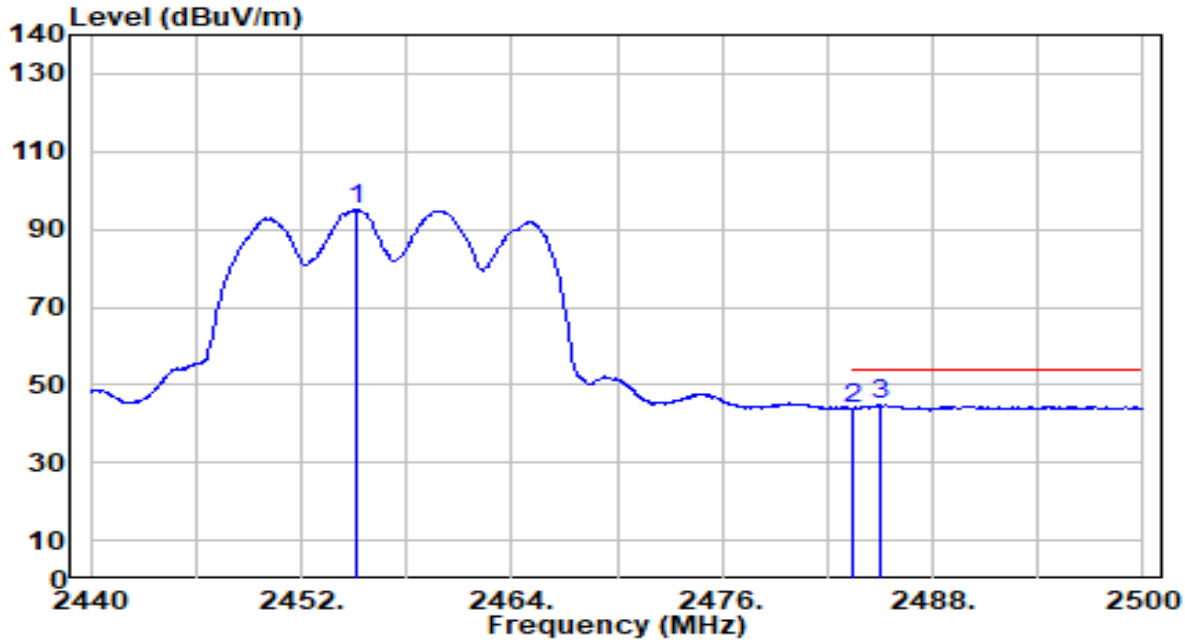



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2459.920 | 74.35 | 30.83 | 105.18 | N/A | N/A | 100 | 18 | Peak |
| 2 | | 2483.500 | 25.23 | 30.91 | 56.14 | -17.86 | 74.00 | 100 | 18 | Peak |
| 3 | * | 2485.120 | 28.97 | 30.92 | 59.89 | -14.11 | 74.00 | 100 | 18 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

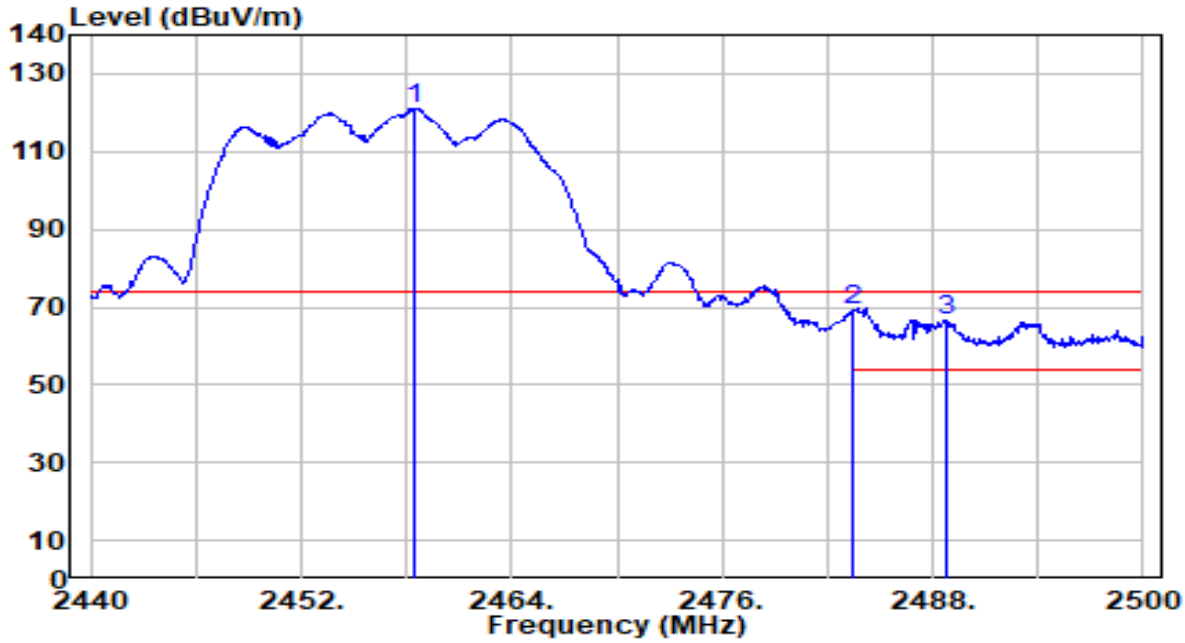



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.120 | 64.10 | 30.82 | 94.91 | N/A | N/A | 100 | 18 | Average |
| 2 | | 2483.500 | 12.91 | 30.91 | 43.83 | -10.17 | 54.00 | 100 | 18 | Average |
| 3 | * | 2485.000 | 14.00 | 30.92 | 44.92 | -9.08 | 54.00 | 100 | 18 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

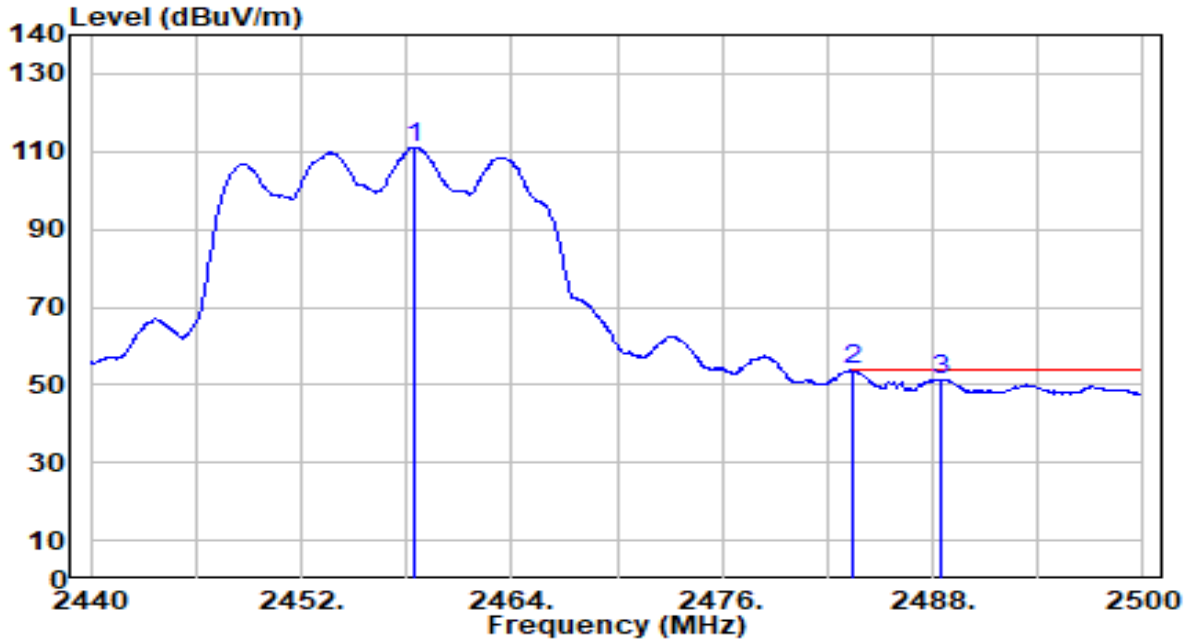



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2458.480 | 90.24 | 30.83 | 121.07 | N/A | N/A | 145 | 21 | Peak |
| 2 | * | 2483.500 | 38.20 | 30.91 | 69.11 | -4.89 | 74.00 | 145 | 21 | Peak |
| 3 | | 2488.720 | 35.73 | 30.93 | 66.67 | -7.33 | 74.00 | 145 | 21 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 10_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

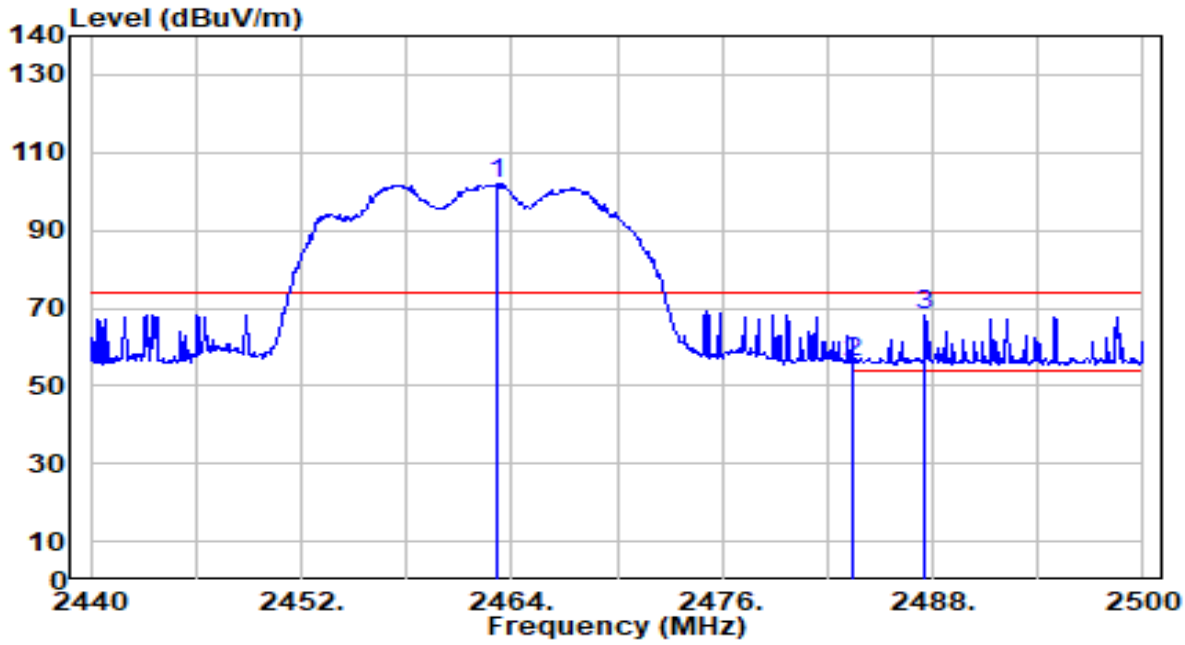



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2458.420 | 80.21 | 30.83 | 111.04 | N/A | N/A | 145 | 21 | Average |
| 2 | * | 2483.500 | 22.99 | 30.91 | 53.90 | -0.10 | 54.00 | 145 | 21 | Average |
| 3 | | 2488.480 | 20.50 | 30.93 | 51.43 | -2.57 | 54.00 | 145 | 21 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

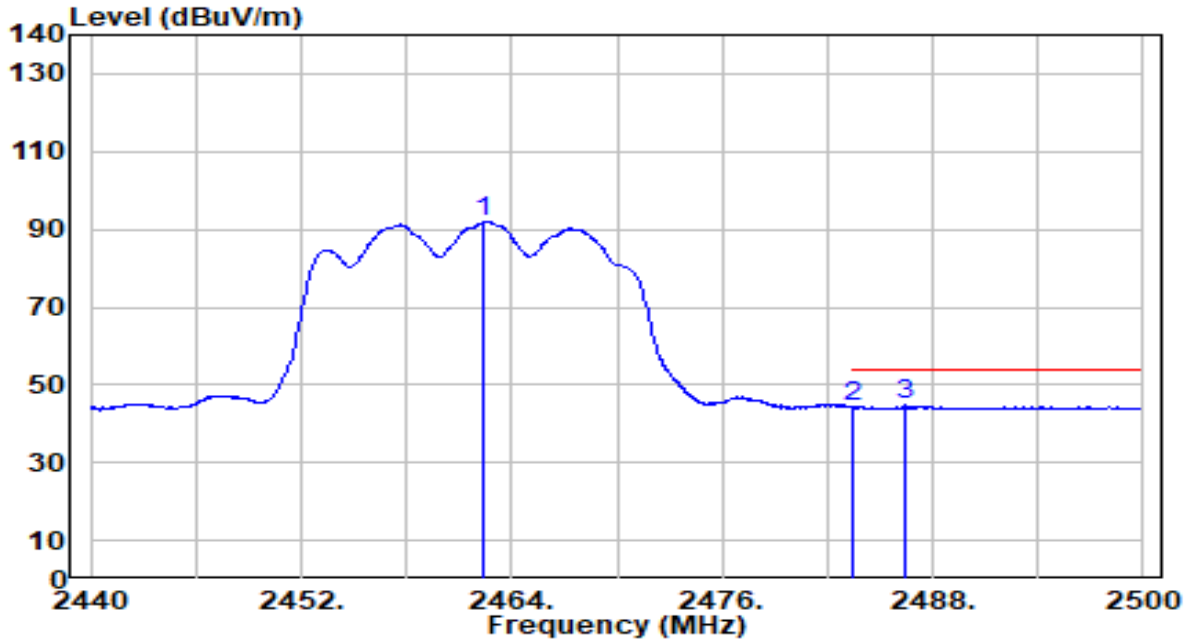



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.220 | 71.24 | 30.84 | 102.09 | N/A | N/A | 175 | 351 | Peak |
| 2 | | 2483.500 | 25.35 | 30.91 | 56.26 | -17.74 | 74.00 | 175 | 351 | Peak |
| 3 | * | 2487.580 | 37.13 | 30.93 | 68.05 | -5.95 | 74.00 | 175 | 351 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

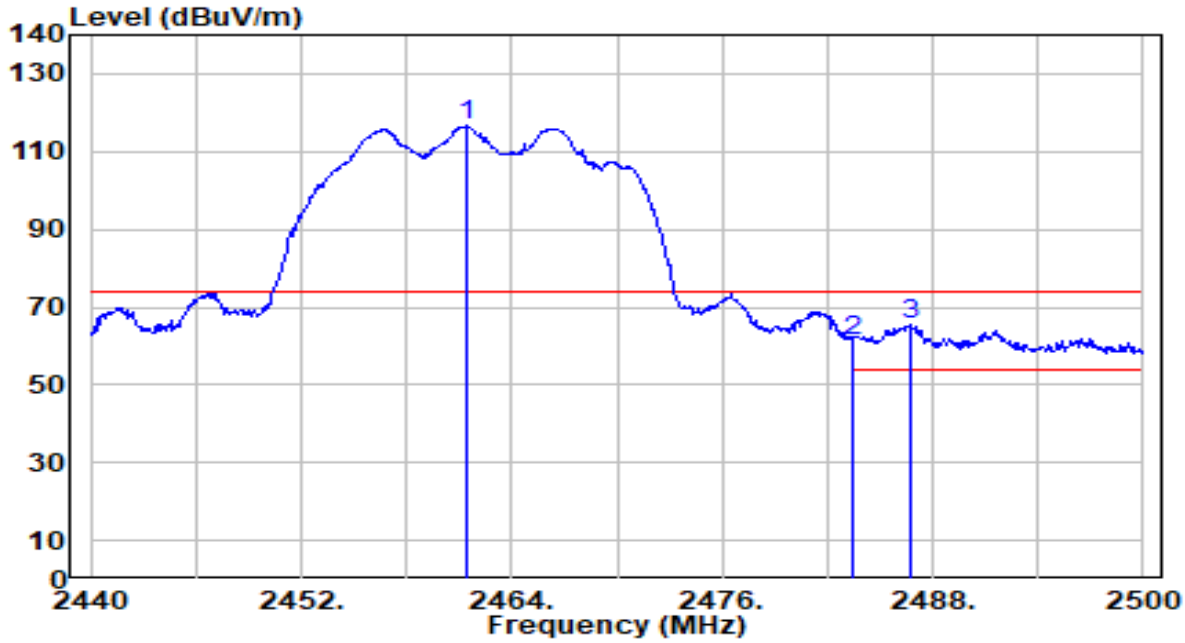



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2462.440 | 61.29 | 30.84 | 92.13 | N/A | N/A | 175 | 351 | Average |
| 2 | | 2483.500 | 13.44 | 30.91 | 44.35 | -9.65 | 54.00 | 175 | 351 | Average |
| 3 | * | 2486.380 | 13.78 | 30.92 | 44.70 | -9.30 | 54.00 | 175 | 351 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

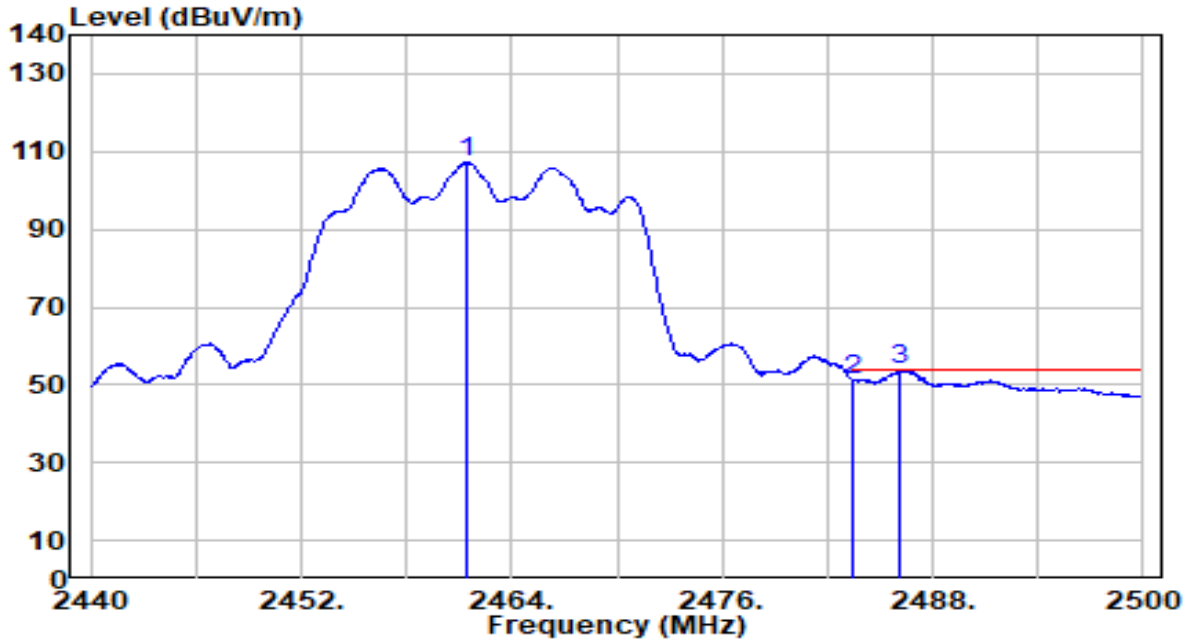



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.480 | 85.91 | 30.84 | 116.75 | N/A | N/A | 163 | 169 | Peak |
| 2 | | 2483.500 | 30.32 | 30.91 | 61.24 | -12.76 | 74.00 | 163 | 169 | Peak |
| 3 | * | 2486.680 | 34.80 | 30.92 | 65.72 | -8.28 | 74.00 | 163 | 169 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

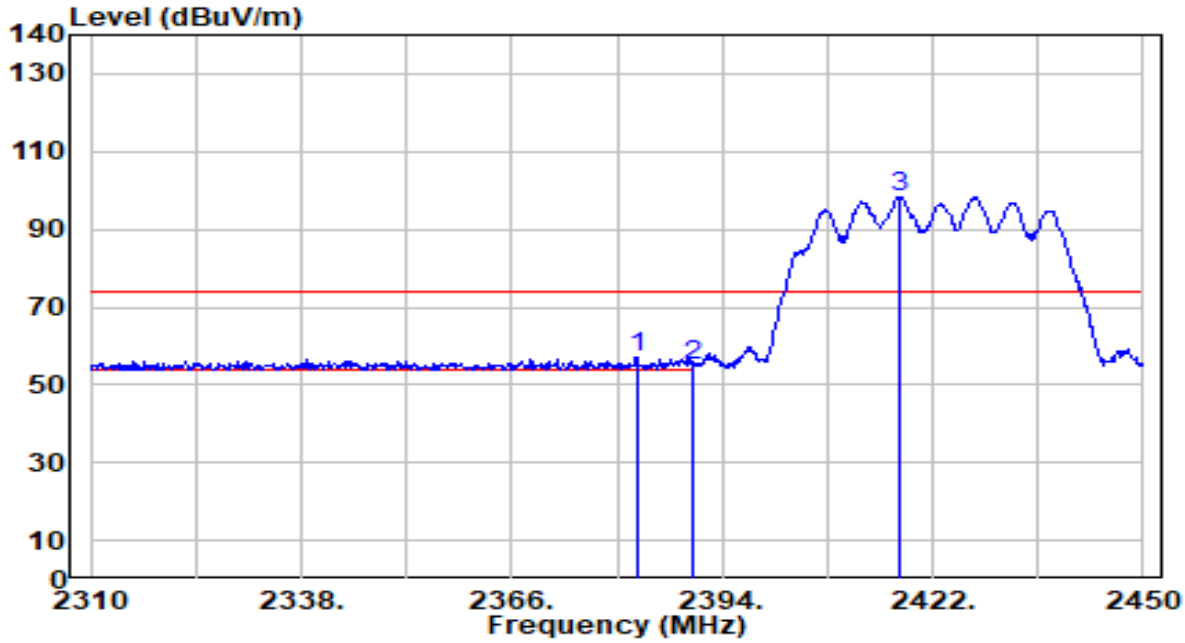



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.480 | 76.43 | 30.84 | 107.27 | N/A | N/A | 163 | 169 | Average |
| 2 | | 2483.500 | 20.18 | 30.91 | 51.09 | -2.91 | 54.00 | 163 | 169 | Average |
| 3 | * | 2486.080 | 22.94 | 30.92 | 53.86 | -0.14 | 54.00 | 163 | 169 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

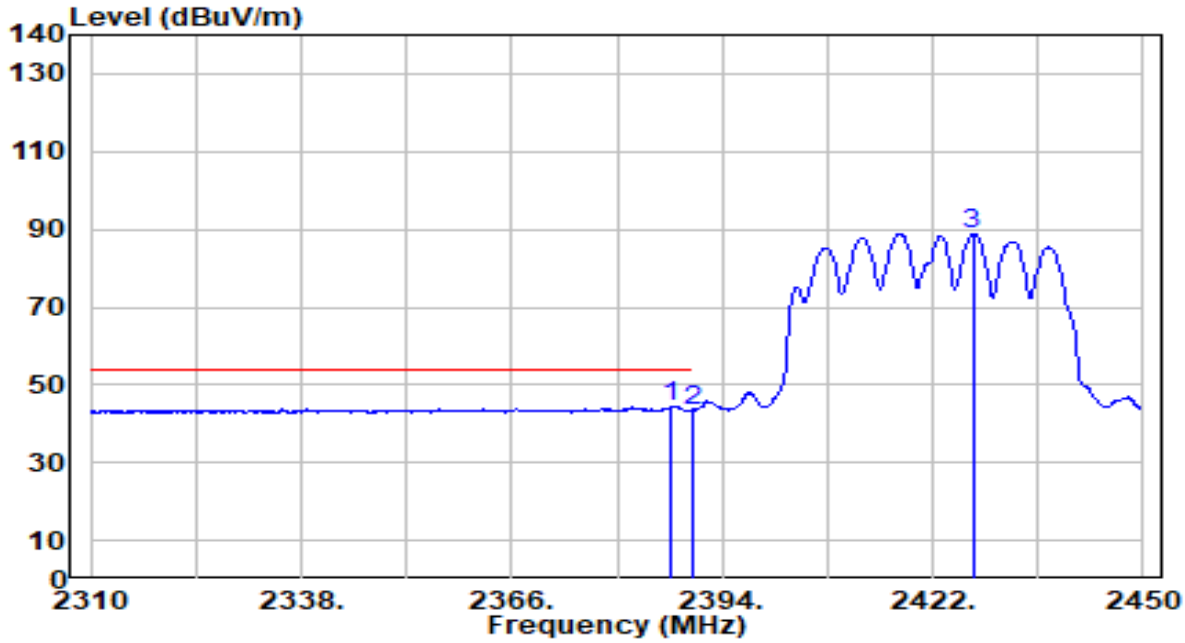



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2382.660 | 26.48 | 30.60 | 57.08 | -16.92 | 74.00 | 100 | 19 | Peak |
| 2 | | 2390.000 | 24.29 | 30.61 | 54.90 | -19.10 | 74.00 | 100 | 19 | Peak |
| 3 | | 2417.520 | 67.74 | 30.69 | 98.43 | N/A | N/A | 100 | 19 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

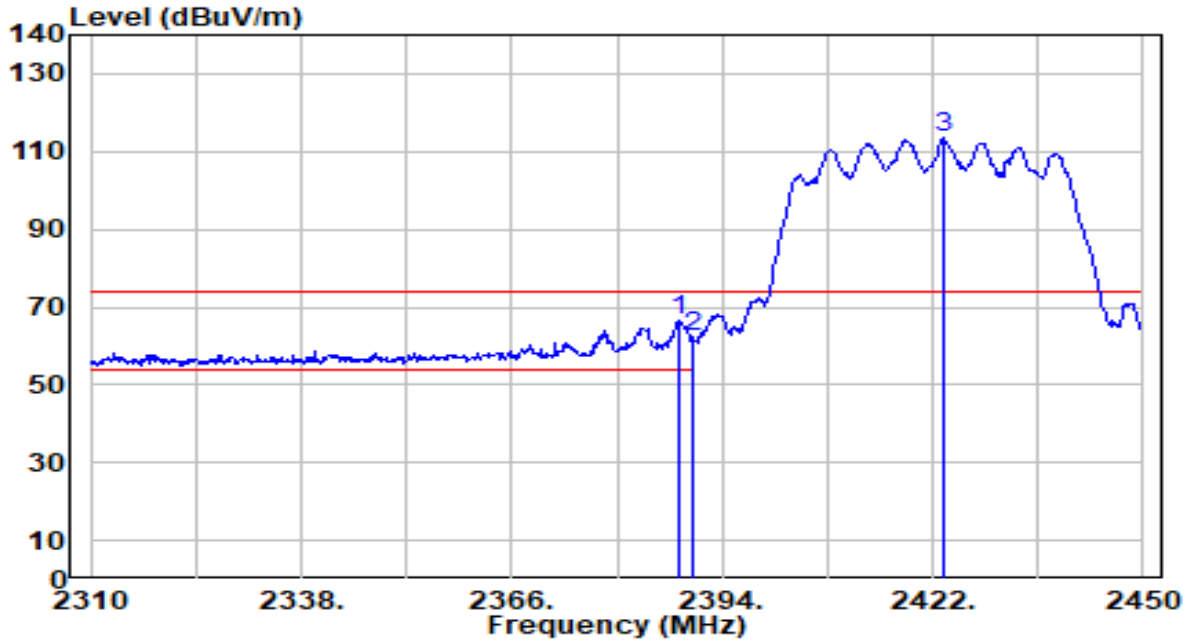



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.140 | 13.83 | 30.61 | 44.44 | -9.56 | 54.00 | 100 | 19 | Average |
| 2 | | 2390.000 | 12.76 | 30.61 | 43.37 | -10.63 | 54.00 | 100 | 19 | Average |
| 3 | | 2427.320 | 58.24 | 30.72 | 88.96 | N/A | N/A | 100 | 19 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

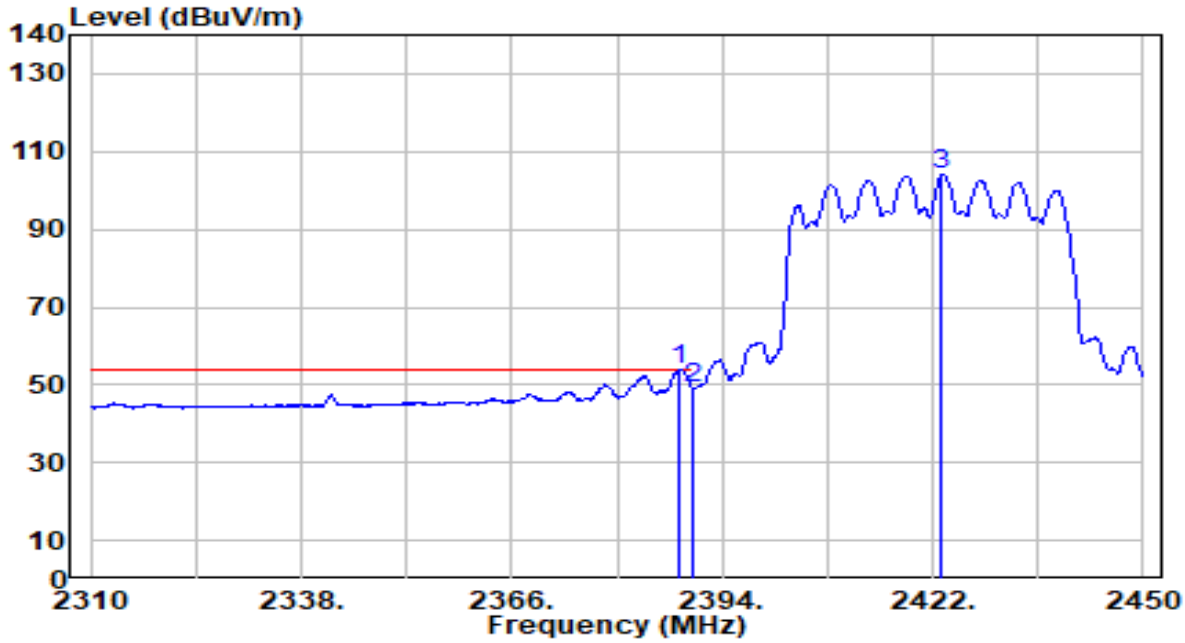



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.260 | 35.90 | 30.61 | 66.52 | -7.48 | 74.00 | 133 | 58 | Peak |
| 2 | | 2390.000 | 31.69 | 30.61 | 62.30 | -11.70 | 74.00 | 133 | 58 | Peak |
| 3 | | 2423.400 | 82.70 | 30.71 | 113.41 | N/A | N/A | 133 | 58 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

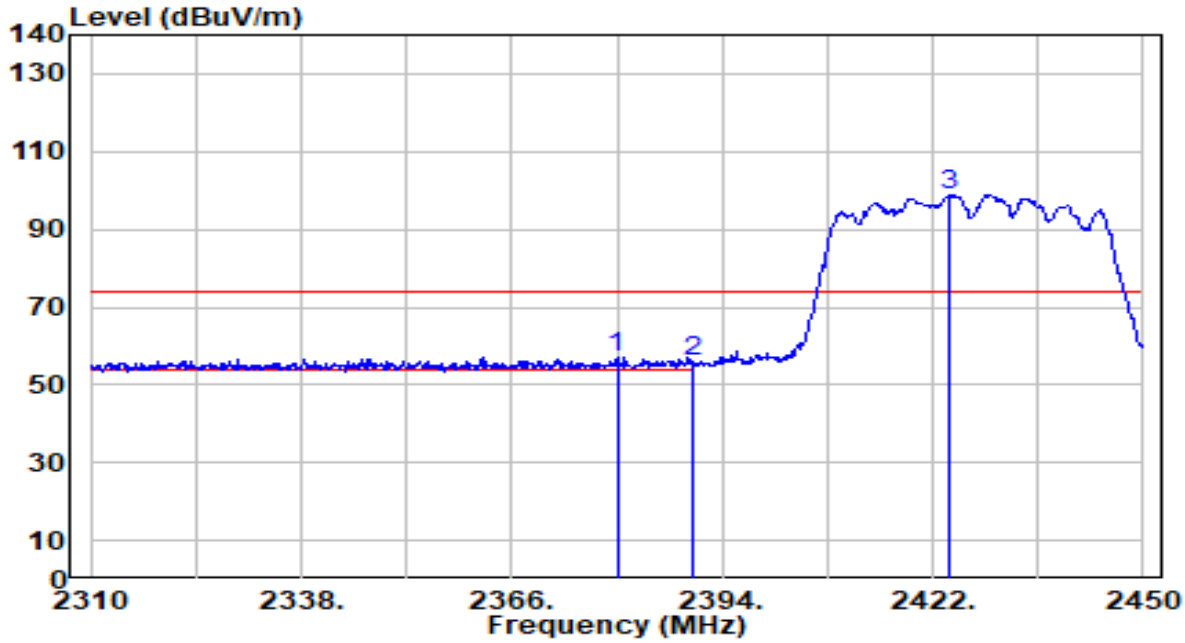



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.400 | 23.22 | 30.61 | 53.83 | -0.17 | 54.00 | 133 | 58 | Average |
| 2 | | 2390.000 | 18.77 | 30.61 | 49.39 | -4.61 | 54.00 | 133 | 58 | Average |
| 3 | | 2423.260 | 73.31 | 30.71 | 104.02 | N/A | N/A | 133 | 58 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 4_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

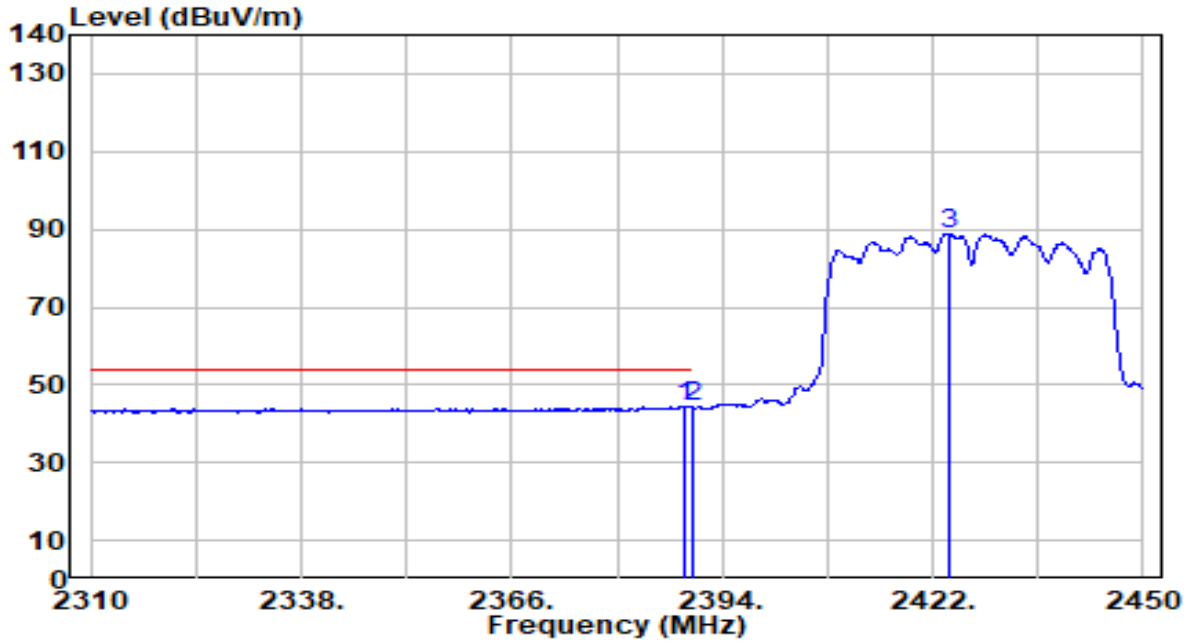



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2380.000 | 26.35 | 30.60 | 56.95 | -17.05 | 74.00 | 100 | 18 | Peak |
| 2 | | 2390.000 | 25.15 | 30.61 | 55.77 | -18.23 | 74.00 | 100 | 18 | Peak |
| 3 | | 2424.240 | 68.23 | 30.71 | 98.94 | N/A | N/A | 100 | 18 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 4_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

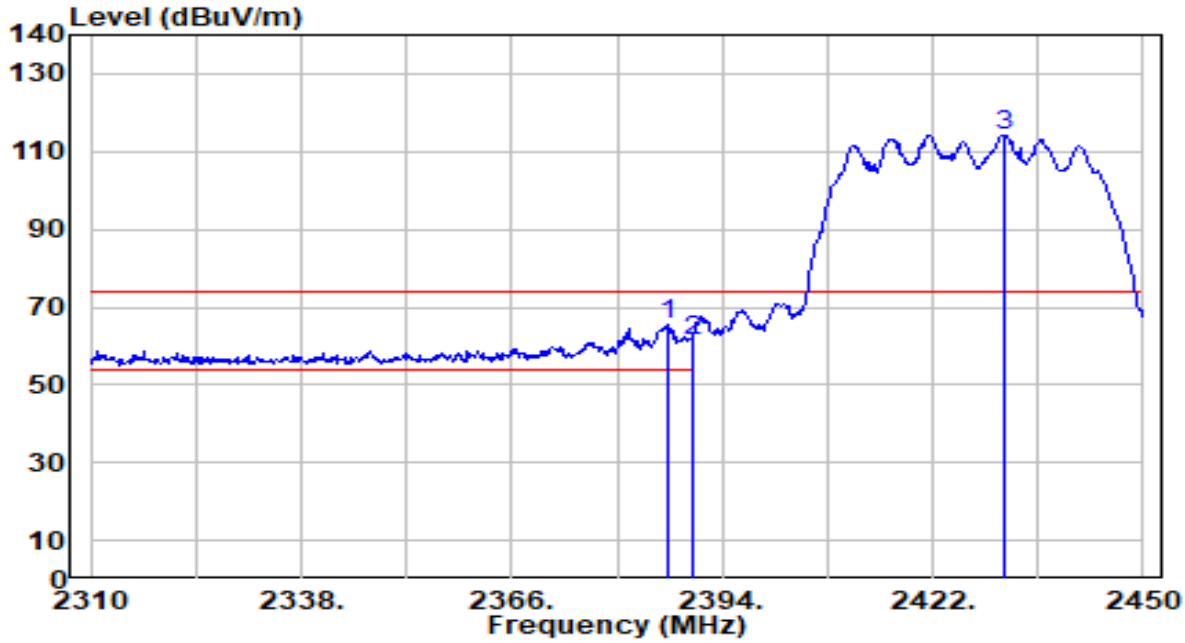



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.960 | 13.83 | 30.61 | 44.44 | -9.56 | 54.00 | 100 | 18 | Average |
| 2 | | 2390.000 | 13.76 | 30.61 | 44.37 | -9.63 | 54.00 | 100 | 18 | Average |
| 3 | | 2424.240 | 58.23 | 30.71 | 88.94 | N/A | N/A | 100 | 18 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 4_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

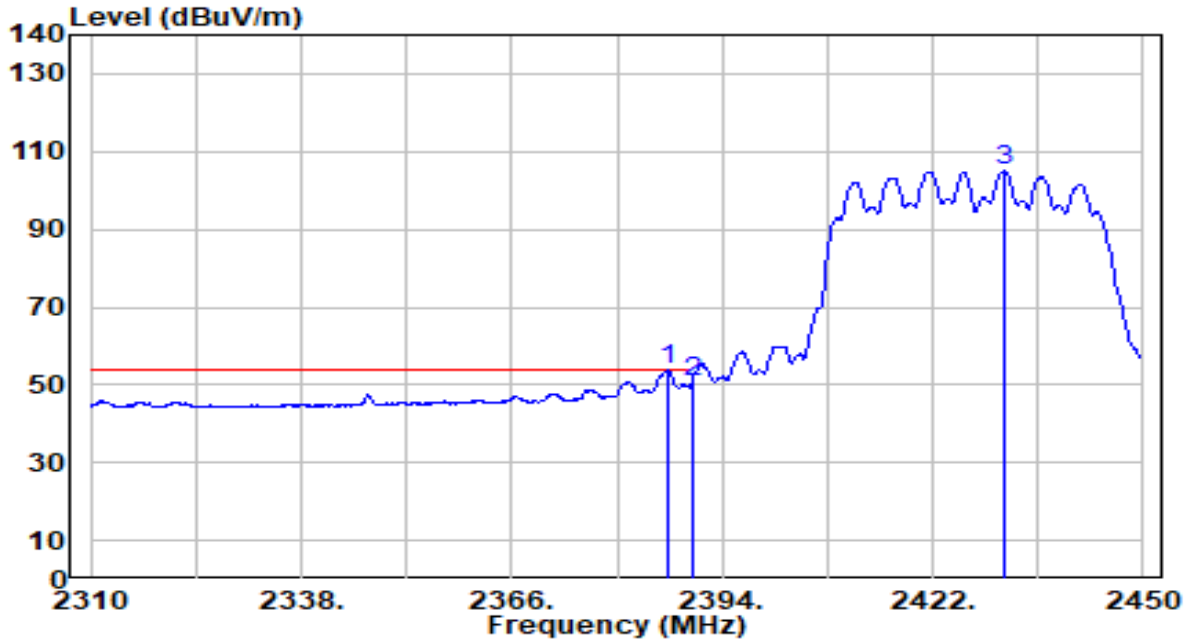



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.720 | 34.92 | 30.61 | 65.53 | -8.47 | 74.00 | 138 | 127 | Peak |
| 2 | | 2390.000 | 30.85 | 30.61 | 61.46 | -12.54 | 74.00 | 138 | 127 | Peak |
| 3 | | 2431.520 | 83.48 | 30.74 | 114.21 | N/A | N/A | 138 | 127 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 4_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

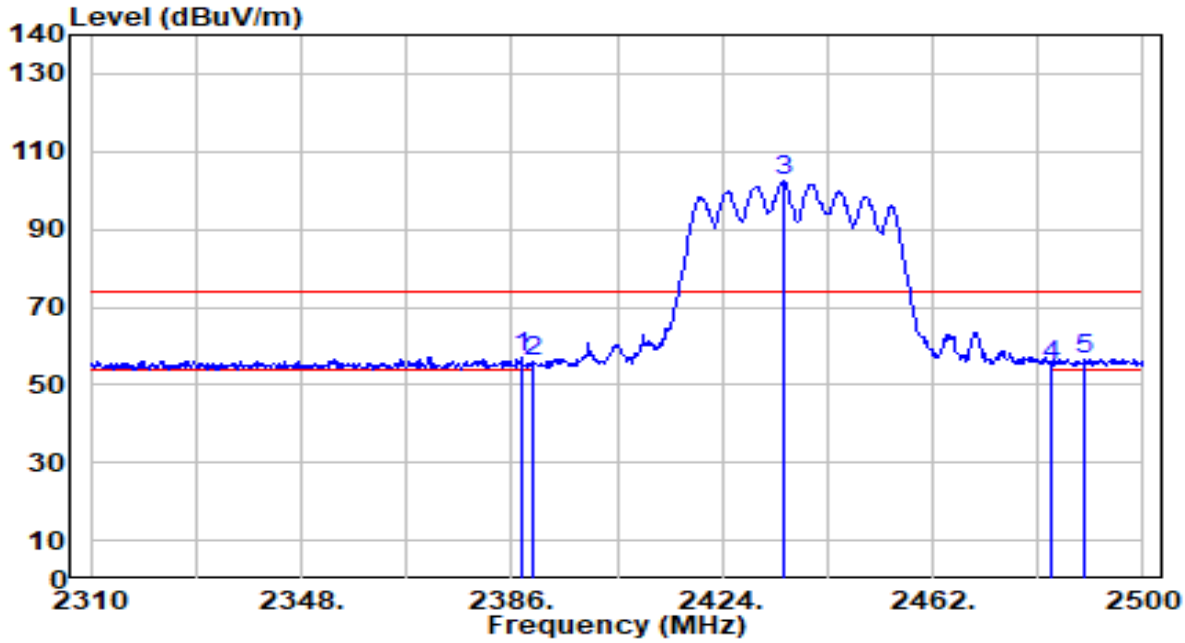



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.720 | 23.28 | 30.61 | 53.89 | -0.11 | 54.00 | 138 | 127 | Average |
| 2 | | 2390.000 | 19.90 | 30.61 | 50.51 | -3.49 | 54.00 | 138 | 127 | Average |
| 3 | | 2431.520 | 74.23 | 30.74 | 104.96 | N/A | N/A | 138 | 127 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

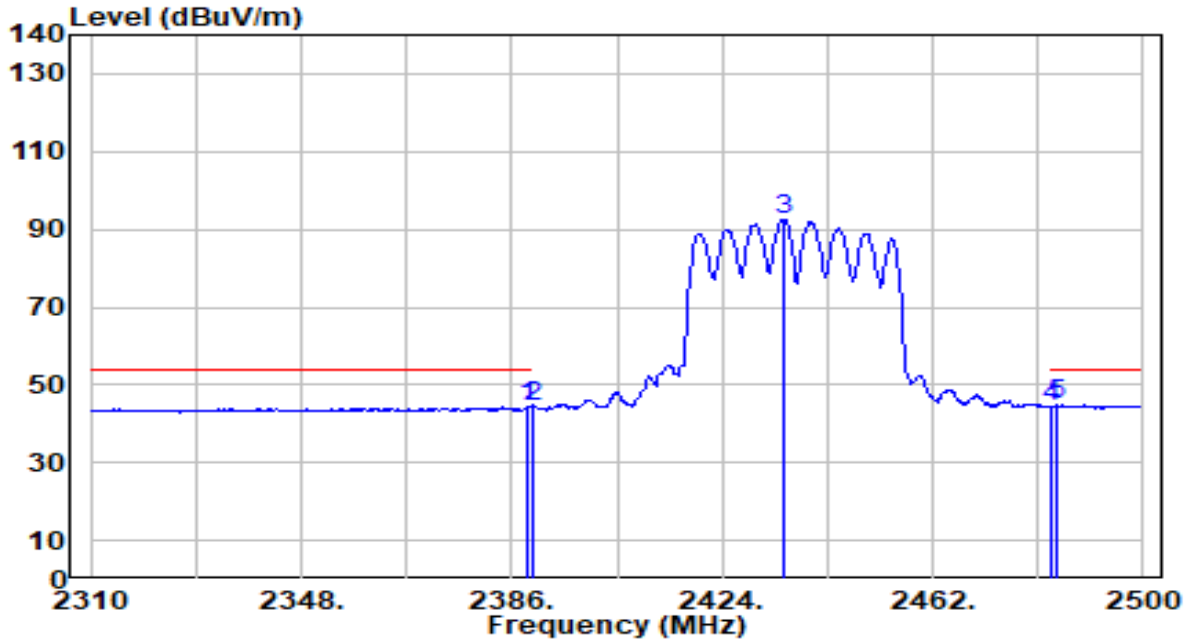



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.710 | 26.27 | 30.61 | 56.88 | -17.12 | 74.00 | 132 | 20 | Peak |
| 2 | | 2390.000 | 25.46 | 30.61 | 56.08 | -17.92 | 74.00 | 132 | 20 | Peak |
| 3 | | 2435.210 | 71.53 | 30.75 | 102.28 | N/A | N/A | 132 | 20 | Peak |
| 4 | | 2483.500 | 24.25 | 30.91 | 55.16 | -18.84 | 74.00 | 132 | 20 | Peak |
| 5 | | 2489.360 | 25.80 | 30.93 | 56.73 | -17.27 | 74.00 | 132 | 20 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

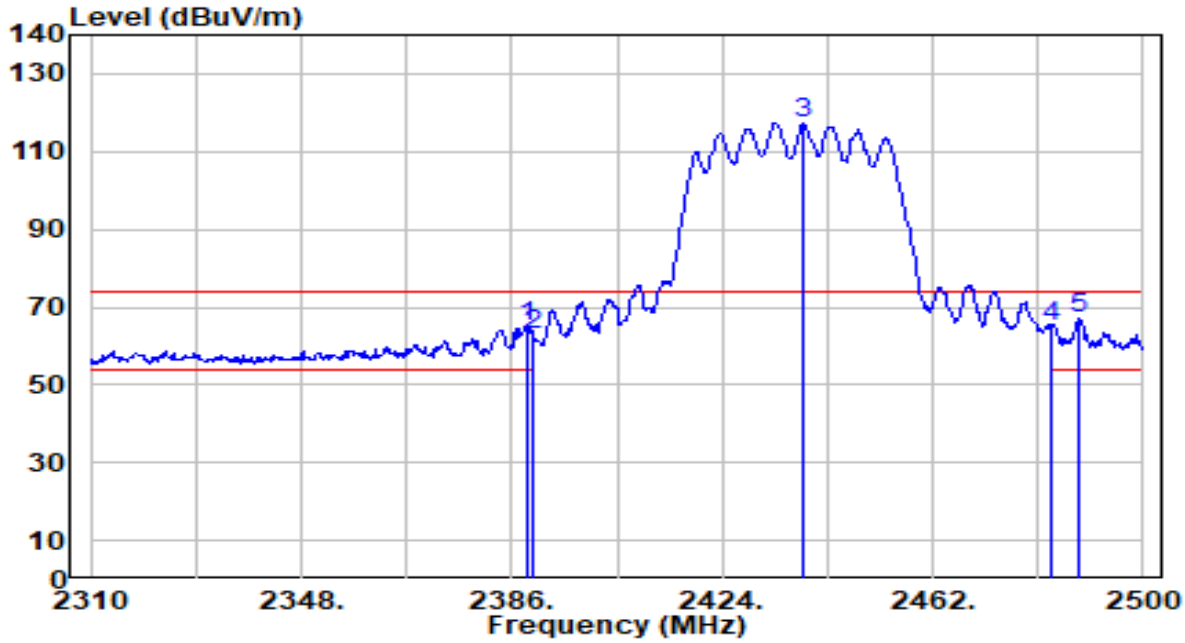



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 13.77 | 30.61 | 44.38 | -9.62 | 54.00 | 132 | 20 | Average |
| 2 | | 2390.000 | 13.83 | 30.61 | 44.44 | -9.56 | 54.00 | 132 | 20 | Average |
| 3 | | 2435.210 | 61.66 | 30.75 | 92.41 | N/A | N/A | 132 | 20 | Average |
| 4 | | 2483.500 | 13.51 | 30.91 | 44.43 | -9.57 | 54.00 | 132 | 20 | Average |
| 5 | * | 2484.420 | 13.97 | 30.92 | 44.88 | -9.12 | 54.00 | 132 | 20 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

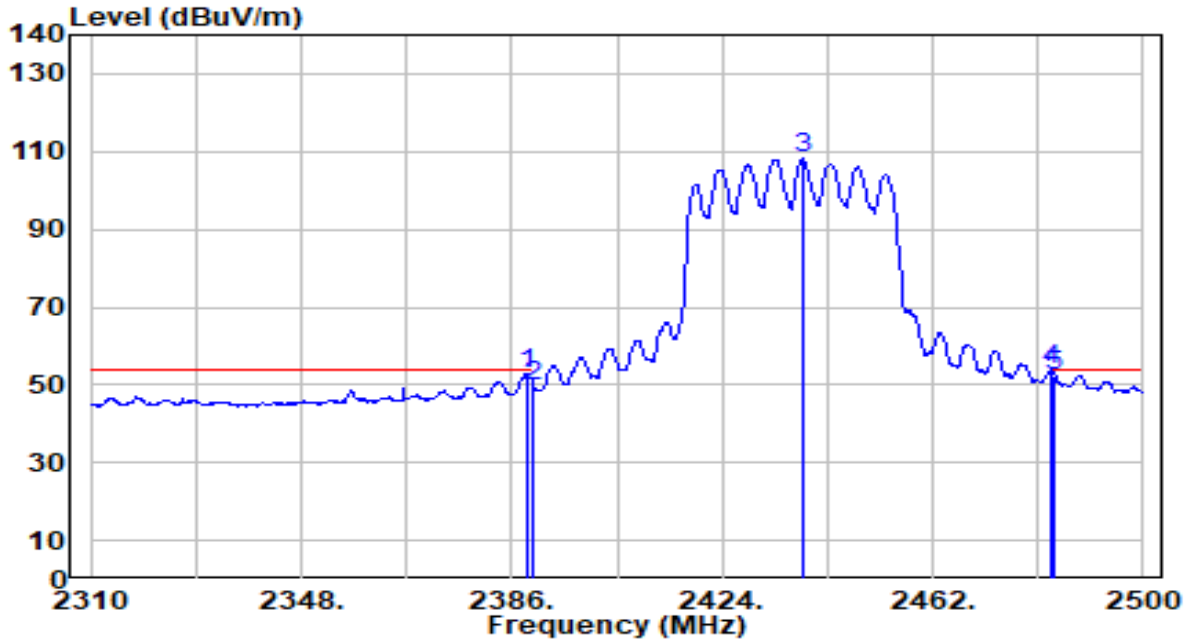



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.040 | 34.56 | 30.61 | 65.18 | -8.82 | 74.00 | 165 | 22 | Peak |
| 2 | | 2390.000 | 32.47 | 30.61 | 63.09 | -10.91 | 74.00 | 165 | 22 | Peak |
| 3 | | 2438.630 | 86.43 | 30.76 | 117.19 | N/A | N/A | 165 | 22 | Peak |
| 4 | | 2483.500 | 34.27 | 30.91 | 65.18 | -8.82 | 74.00 | 165 | 22 | Peak |
| 5 | * | 2488.410 | 36.00 | 30.93 | 66.93 | -7.07 | 74.00 | 165 | 22 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

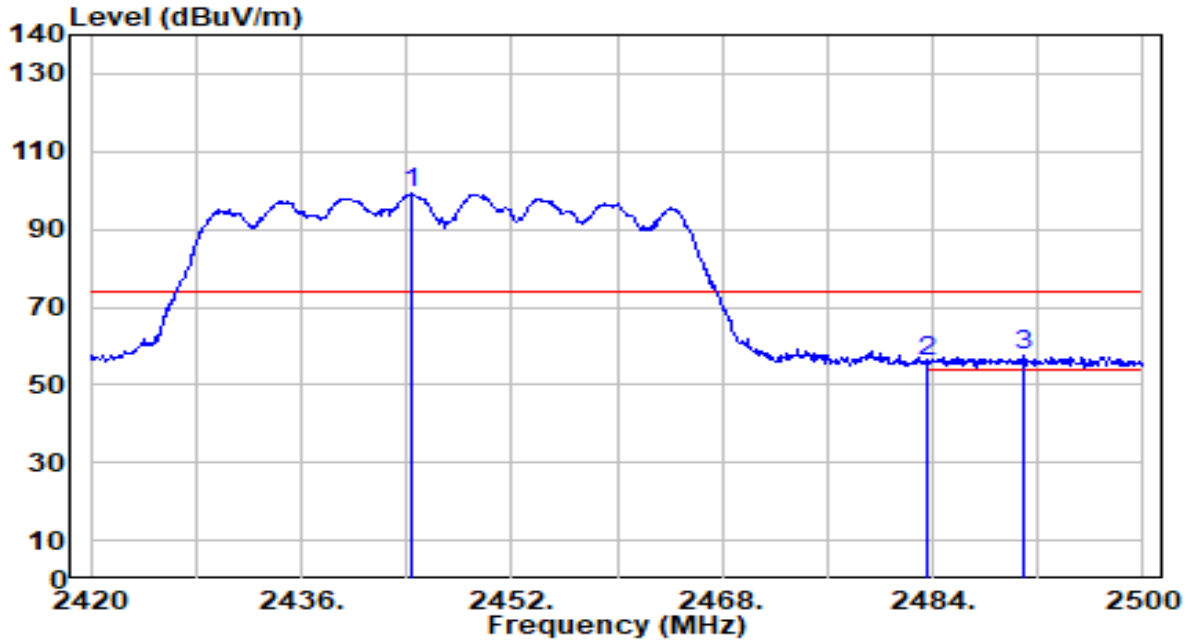



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.660 | 22.05 | 30.61 | 52.66 | -1.34 | 54.00 | 165 | 22 | Average |
| 2 | | 2390.000 | 19.01 | 30.61 | 49.63 | -4.37 | 54.00 | 165 | 22 | Average |
| 3 | | 2438.630 | 77.36 | 30.76 | 108.12 | N/A | N/A | 165 | 22 | Average |
| 4 | * | 2483.500 | 22.97 | 30.91 | 53.88 | -0.12 | 54.00 | 165 | 22 | Average |
| 5 | | 2484.040 | 21.36 | 30.92 | 52.28 | -1.72 | 54.00 | 165 | 22 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 8_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

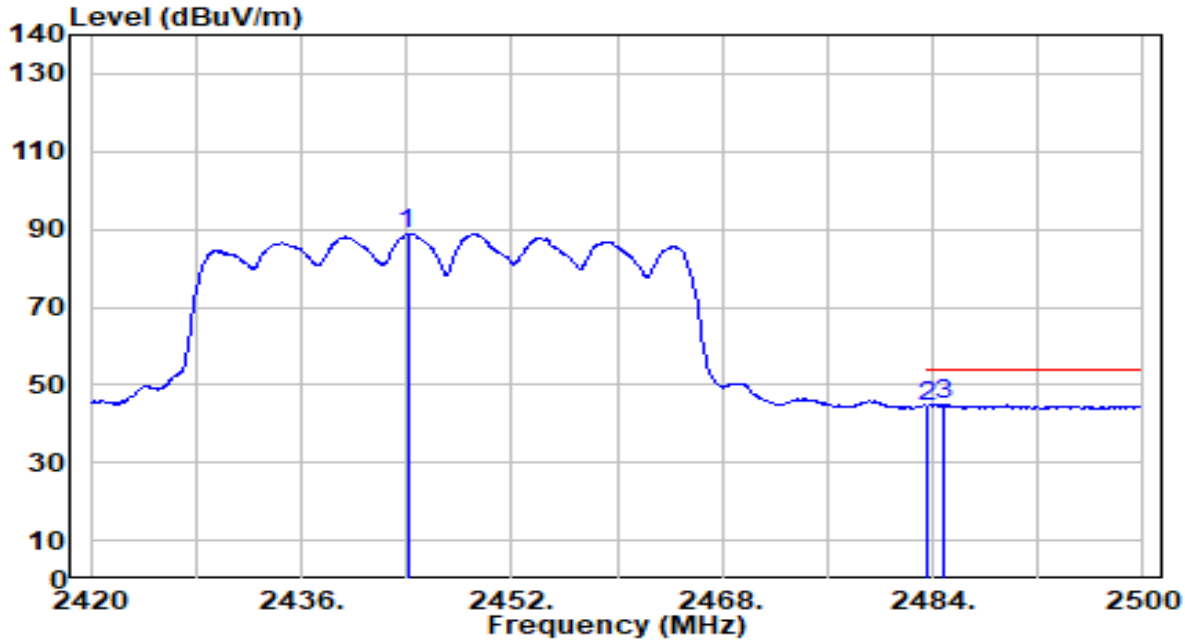



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2444.480 | 68.37 | 30.78 | 99.15 | N/A | N/A | 100 | 15 | Peak |
| 2 | | 2483.500 | 24.86 | 30.91 | 55.78 | -18.22 | 74.00 | 100 | 15 | Peak |
| 3 | * | 2490.960 | 26.46 | 30.94 | 57.40 | -16.60 | 74.00 | 100 | 15 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 8_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

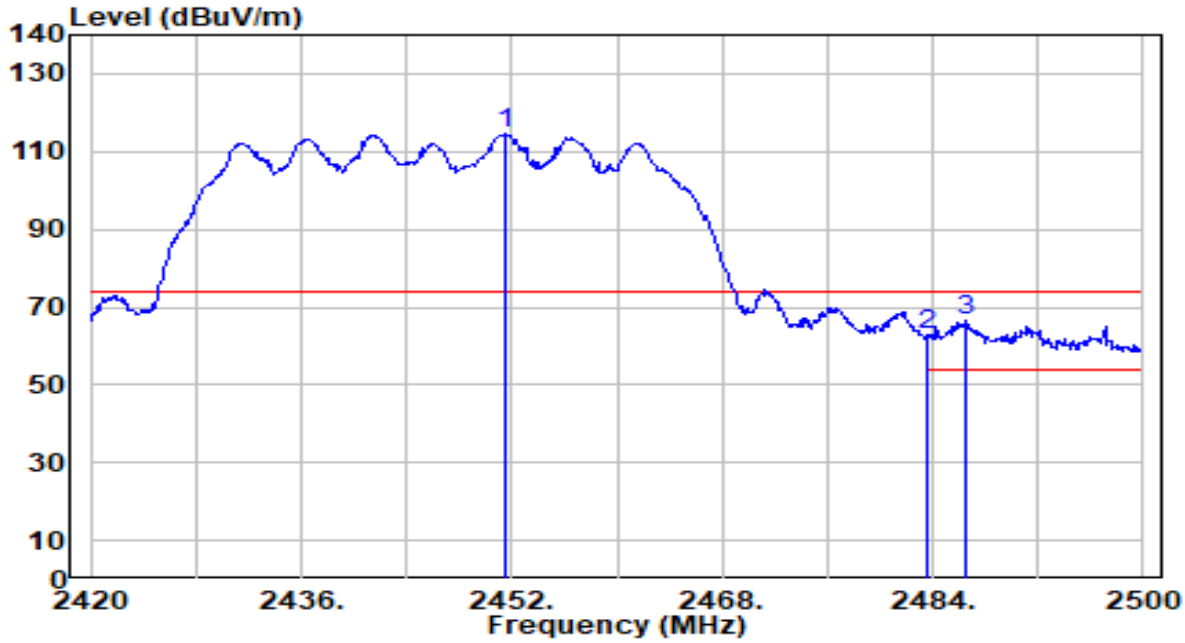



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2444.080 | 58.14 | 30.78 | 88.92 | N/A | N/A | 100 | 15 | Average |
| 2 | | 2483.500 | 13.63 | 30.91 | 44.55 | -9.45 | 54.00 | 100 | 15 | Average |
| 3 | * | 2484.800 | 13.87 | 30.92 | 44.78 | -9.22 | 54.00 | 100 | 15 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 8_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

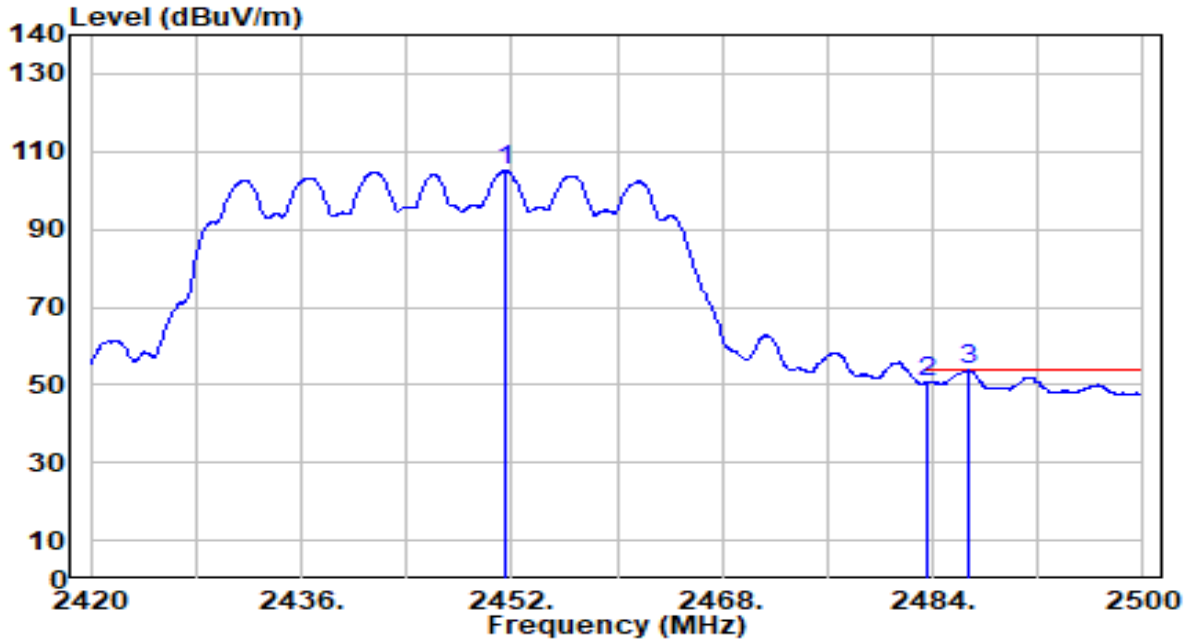



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2451.440 | 83.61 | 30.80 | 114.41 | N/A | N/A | 145 | 169 | Peak |
| 2 | | 2483.500 | 31.85 | 30.91 | 62.76 | -11.24 | 74.00 | 145 | 169 | Peak |
| 3 | * | 2486.560 | 35.50 | 30.92 | 66.42 | -7.58 | 74.00 | 145 | 169 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 8_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

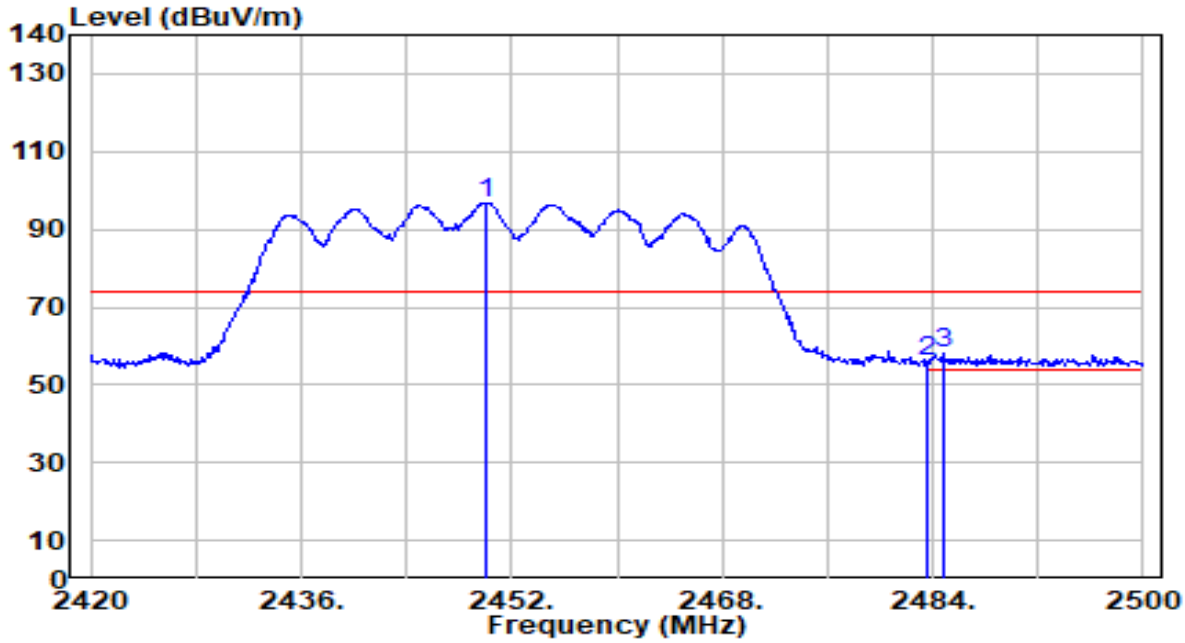



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2451.440 | 74.17 | 30.80 | 104.97 | N/A | N/A | 145 | 169 | Average |
| 2 | | 2483.500 | 19.88 | 30.91 | 50.80 | -3.20 | 54.00 | 145 | 169 | Average |
| 3 | * | 2486.800 | 22.93 | 30.92 | 53.85 | -0.15 | 54.00 | 145 | 169 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

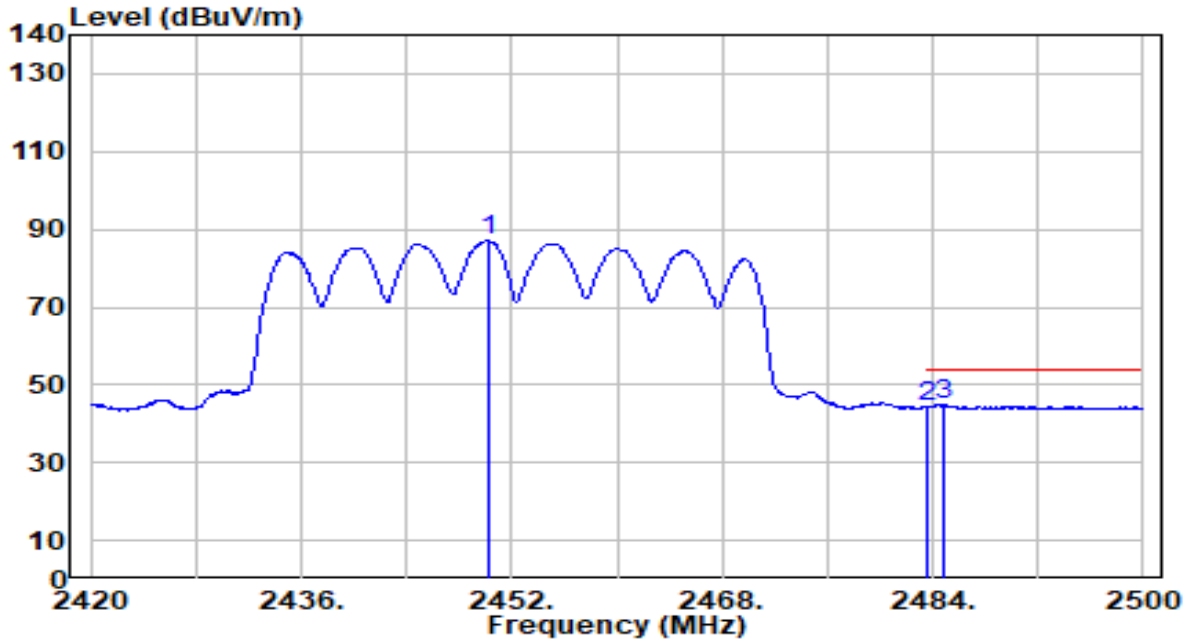



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.000 | 66.13 | 30.80 | 96.93 | N/A | N/A | 143 | 25 | Peak |
| 2 | | 2483.500 | 24.87 | 30.91 | 55.78 | -18.22 | 74.00 | 143 | 25 | Peak |
| 3 | * | 2484.880 | 27.29 | 30.92 | 58.21 | -15.79 | 74.00 | 143 | 25 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

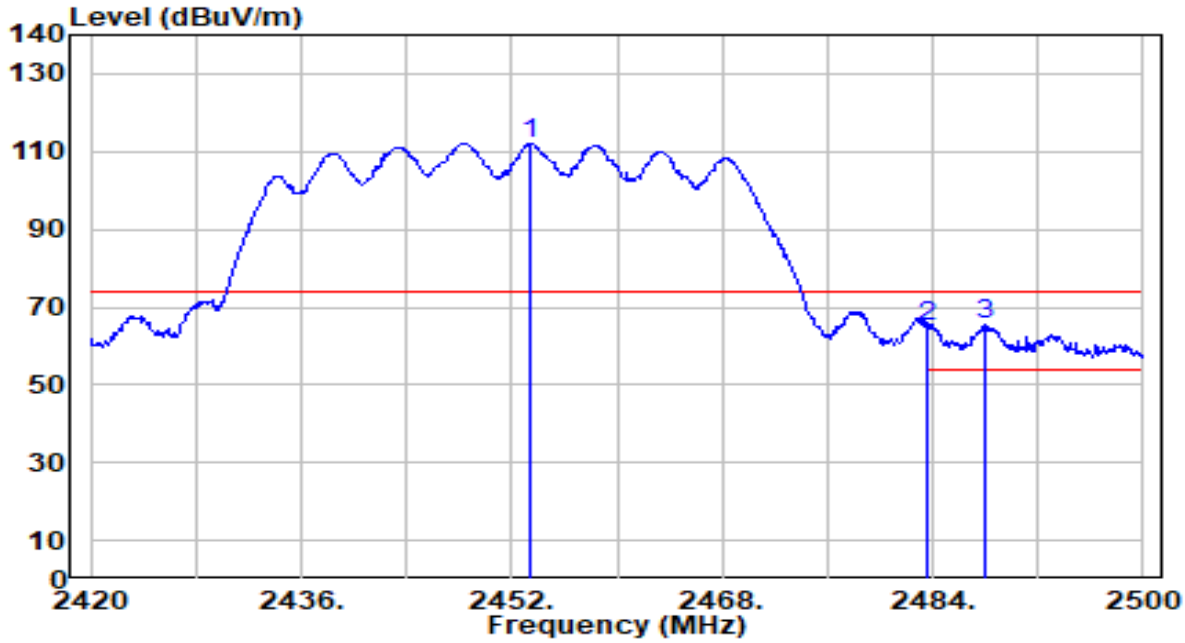



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.160 | 56.17 | 30.80 | 86.97 | N/A | N/A | 143 | 25 | Average |
| 2 | | 2483.500 | 13.67 | 30.91 | 44.58 | -9.42 | 54.00 | 143 | 25 | Average |
| 3 | * | 2484.880 | 13.92 | 30.92 | 44.84 | -9.16 | 54.00 | 143 | 25 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |

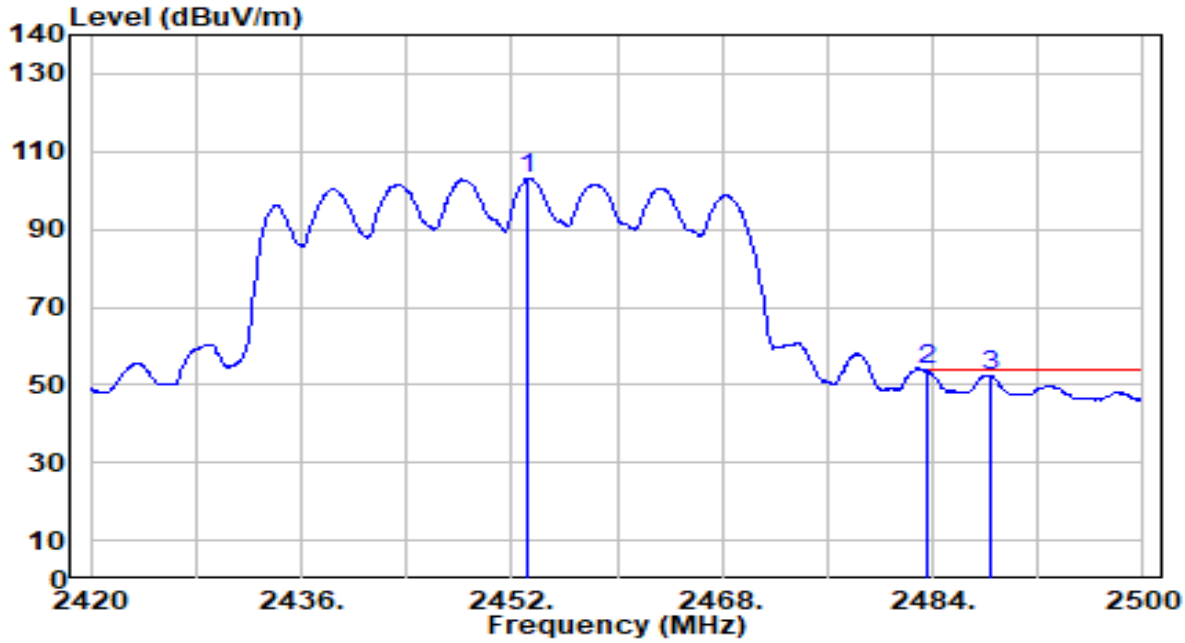



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.440 | 81.30 | 30.81 | 112.11 | N/A | N/A | 159 | 23 | Peak |
| 2 | | 2483.500 | 34.26 | 30.91 | 65.17 | -8.83 | 74.00 | 159 | 23 | Peak |
| 3 | * | 2487.920 | 34.37 | 30.93 | 65.30 | -8.70 | 74.00 | 159 | 23 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 21°C /55% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1+2 | Test Voltage | AC 120V/ 60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.280 | 72.30 | 30.81 | 103.11 | N/A | N/A | 159 | 23 | Average |
| 2 | * | 2483.500 | 22.97 | 30.91 | 53.88 | -0.12 | 54.00 | 159 | 23 | Average |
| 3 | | 2488.320 | 21.62 | 30.93 | 52.55 | -1.45 | 54.00 | 159 | 23 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 7.8. AC Conducted Emissions Measurement

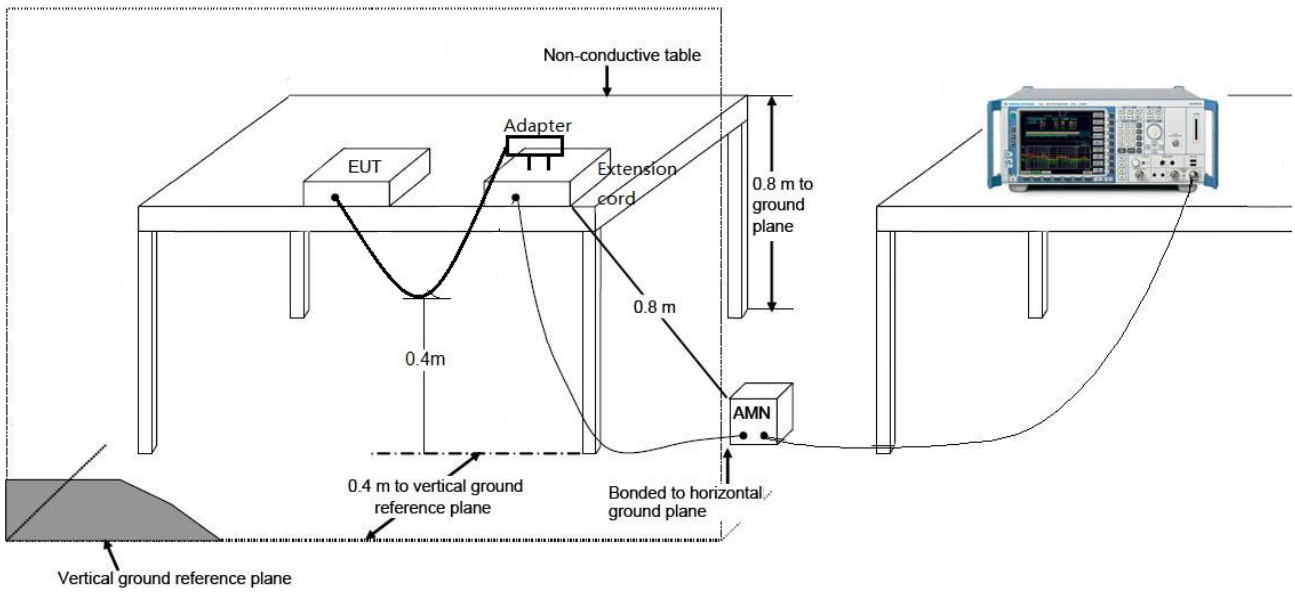
### 7.8.1.Test Limit

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

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

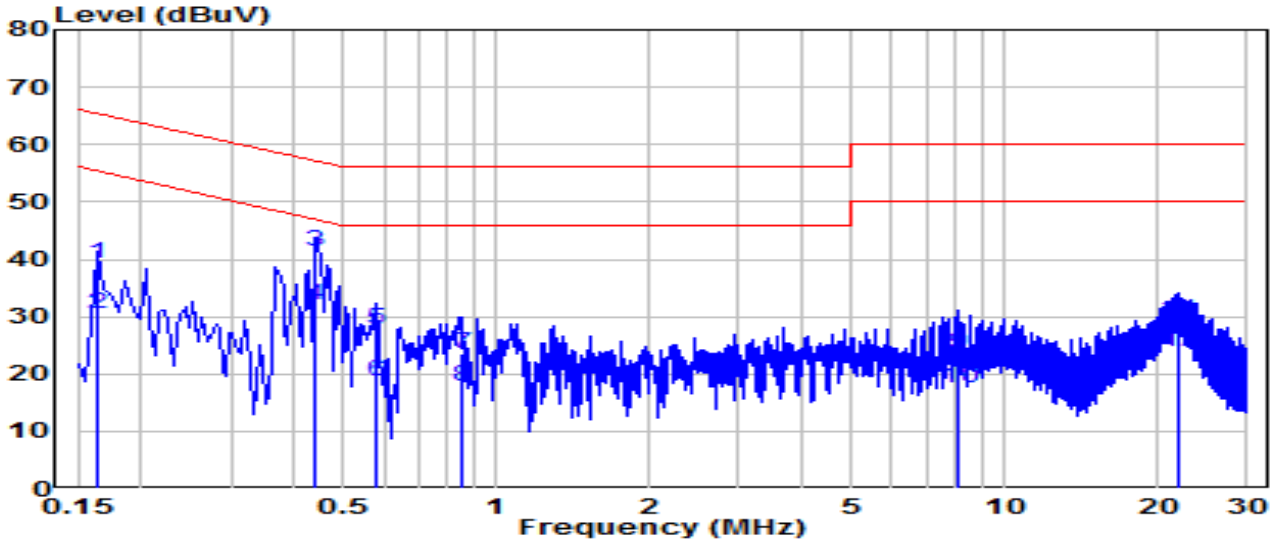
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.8.2.Test Setup



### 7.8.3.Test Result

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 24.1°C /64% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V /60Hz |

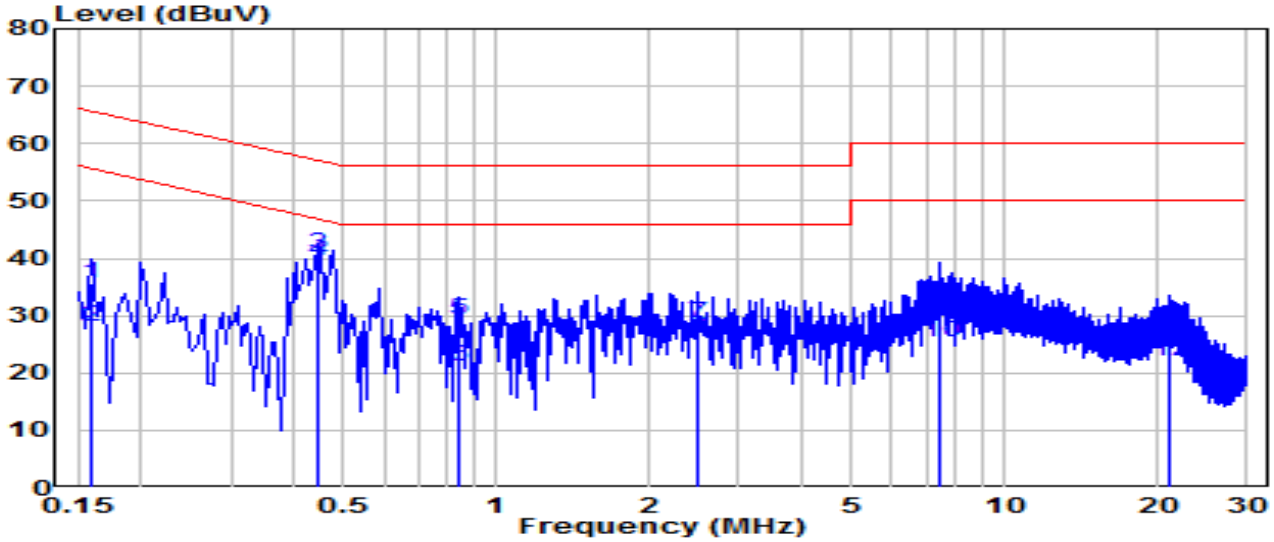



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.163 | 29.57 | 9.62 | 39.19 | -26.10 | 65.28 | QP |
| 2 | | 0.163 | 20.78 | 9.62 | 30.40 | -24.88 | 55.28 | Average |
| 3 | * | 0.438 | 31.68 | 9.64 | 41.32 | -15.78 | 57.10 | QP |
| 4 | * | 0.438 | 22.25 | 9.64 | 31.88 | -15.22 | 47.10 | Average |
| 5 | | 0.582 | 18.07 | 9.65 | 27.71 | -28.29 | 56.00 | QP |
| 6 | | 0.582 | 8.97 | 9.65 | 18.61 | -27.39 | 46.00 | Average |
| 7 | | 0.856 | 13.95 | 9.66 | 23.61 | -32.39 | 56.00 | QP |
| 8 | | 0.856 | 8.09 | 9.66 | 17.75 | -28.25 | 46.00 | Average |
| 9 | | 8.074 | 13.79 | 9.82 | 23.60 | -36.40 | 60.00 | QP |
| 10 | | 8.074 | 7.69 | 9.82 | 17.50 | -32.50 | 50.00 | Average |
| 11 | | 22.009 | 19.35 | 9.92 | 29.27 | -30.73 | 60.00 | QP |
| 12 | | 22.009 | 13.98 | 9.92 | 23.90 | -26.10 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 24.1°C /64% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 120V /60Hz |

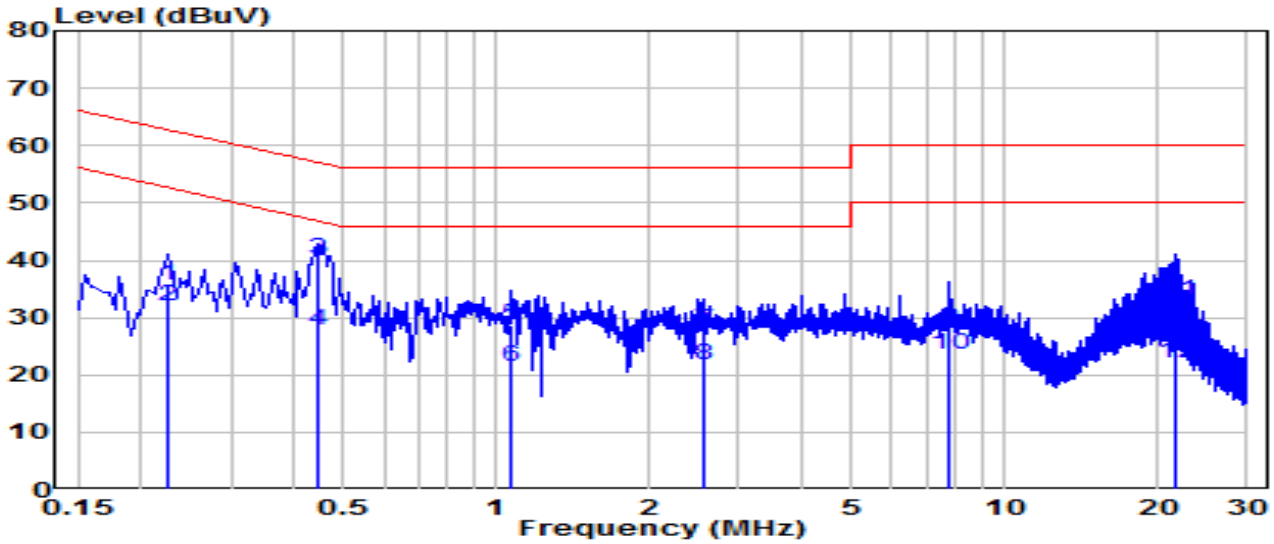



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.159 | 25.99 | 9.62 | 35.61 | -29.90 | 65.52 | QP |
| 2 | | 0.159 | 18.37 | 9.62 | 27.99 | -27.53 | 55.52 | Average |
| 3 | * | 0.442 | 30.99 | 9.64 | 40.63 | -16.39 | 57.02 | QP |
| 4 | * | 0.442 | 29.78 | 9.64 | 39.41 | -7.60 | 47.02 | Average |
| 5 | | 0.838 | 19.55 | 9.66 | 29.21 | -26.79 | 56.00 | QP |
| 6 | | 0.838 | 11.37 | 9.66 | 21.03 | -24.97 | 46.00 | Average |
| 7 | | 2.490 | 19.00 | 9.70 | 28.70 | -27.30 | 56.00 | QP |
| 8 | | 2.490 | 16.53 | 9.70 | 26.23 | -19.77 | 46.00 | Average |
| 9 | | 7.489 | 21.31 | 9.81 | 31.12 | -28.88 | 60.00 | QP |
| 10 | | 7.489 | 15.49 | 9.81 | 25.30 | -24.70 | 50.00 | Average |
| 11 | | 21.050 | 17.54 | 10.00 | 27.55 | -32.45 | 60.00 | QP |
| 12 | | 21.050 | 12.00 | 10.00 | 22.01 | -27.99 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 24.1°C /64% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 240V /60Hz |

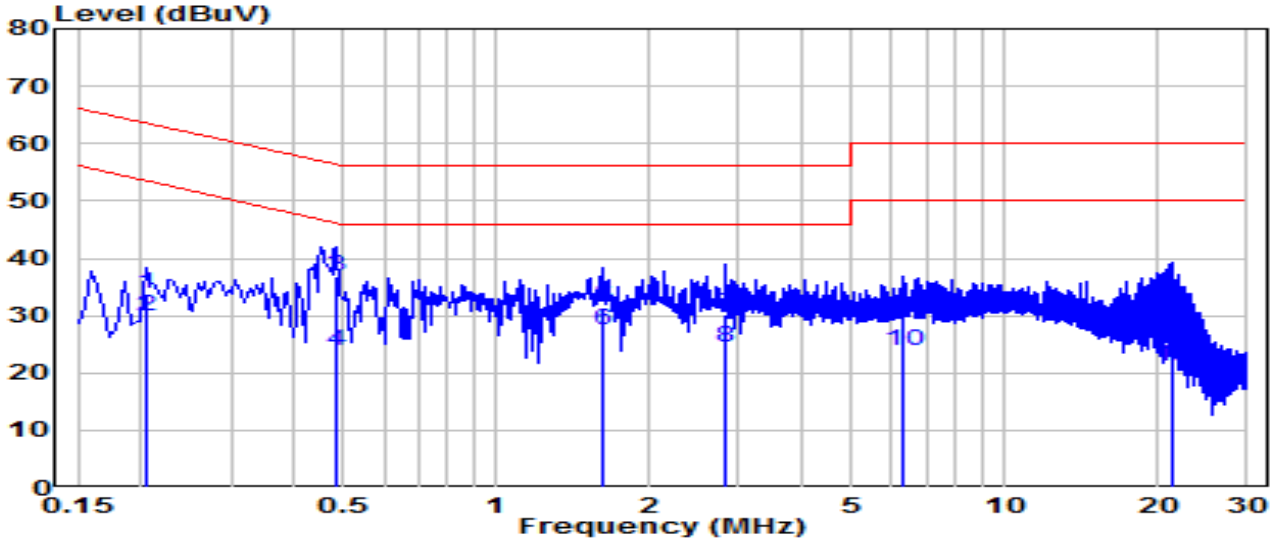



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.226 | 26.13 | 9.62 | 35.76 | -26.82 | 62.58 | QP |
| 2 | | 0.226 | 22.28 | 9.62 | 31.91 | -20.67 | 52.58 | Average |
| 3 | * | 0.442 | 30.37 | 9.64 | 40.00 | -17.01 | 57.02 | QP |
| 4 | * | 0.442 | 18.10 | 9.64 | 27.74 | -19.28 | 47.02 | Average |
| 5 | | 1.072 | 19.04 | 9.67 | 28.71 | -27.29 | 56.00 | QP |
| 6 | | 1.072 | 11.76 | 9.67 | 21.43 | -24.57 | 46.00 | Average |
| 7 | | 2.566 | 18.12 | 9.70 | 27.82 | -28.18 | 56.00 | QP |
| 8 | | 2.566 | 12.17 | 9.70 | 21.87 | -24.13 | 46.00 | Average |
| 9 | | 7.808 | 18.21 | 9.81 | 28.02 | -31.98 | 60.00 | QP |
| 10 | | 7.808 | 13.68 | 9.81 | 23.49 | -26.51 | 50.00 | Average |
| 11 | | 21.739 | 22.88 | 9.92 | 32.80 | -27.20 | 60.00 | QP |
| 12 | | 21.739 | 11.99 | 9.92 | 21.91 | -28.09 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | AC1900 MU-MIMO Wi-Fi Router | Date of Test | 2022-12-01 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 24.1°C /64% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1+2 | Test Voltage | AC 240V /60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.204 | 24.21 | 9.62 | 33.83 | -29.62 | 63.45 | QP |
| 2 | | 0.204 | 20.13 | 9.62 | 29.75 | -23.69 | 53.45 | Average |
| 3 | | 0.483 | 27.28 | 9.64 | 36.92 | -19.36 | 56.29 | QP |
| 4 | | 0.483 | 14.16 | 9.64 | 23.80 | -22.48 | 46.29 | Average |
| 5 | * | 1.612 | 21.70 | 9.68 | 31.38 | -24.62 | 56.00 | QP |
| 6 | * | 1.612 | 17.90 | 9.68 | 27.58 | -18.42 | 46.00 | Average |
| 7 | | 2.832 | 20.56 | 9.71 | 30.27 | -25.73 | 56.00 | QP |
| 8 | | 2.832 | 14.88 | 9.71 | 24.59 | -21.41 | 46.00 | Average |
| 9 | | 6.332 | 19.57 | 9.78 | 29.35 | -30.65 | 60.00 | QP |
| 10 | | 6.332 | 13.98 | 9.78 | 23.76 | -26.24 | 50.00 | Average |
| 11 | | 21.374 | 20.22 | 10.00 | 30.22 | -29.78 | 60.00 | QP |
| 12 | | 21.374 | 11.12 | 10.00 | 21.13 | -28.87 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

# 8. CONCLUSION

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

The End

# Appendix A : Test Setup Photograph

Refer to “2211TW0107-Setup Photo” file.

# Appendix B : External Photograph

Refer to “2211TW0107-External Photo” file.

# Appendix C : Internal Photograph

Refer to “2211TW0107-Internal Photo” file.