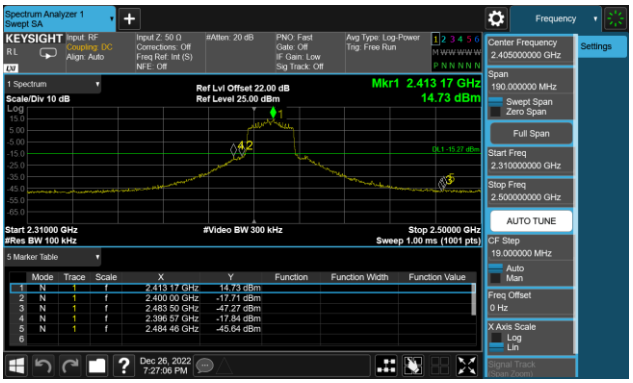
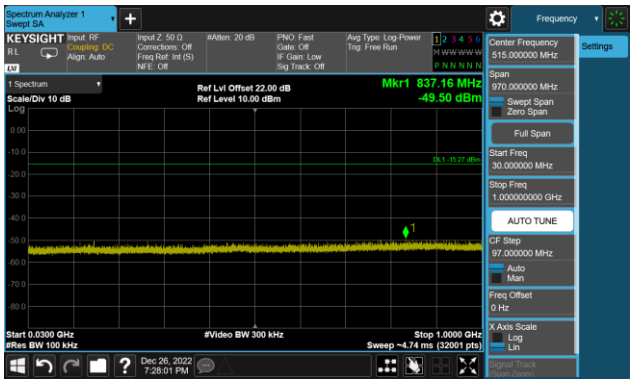
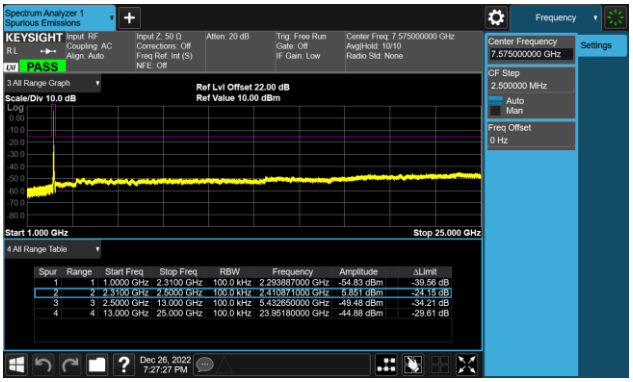
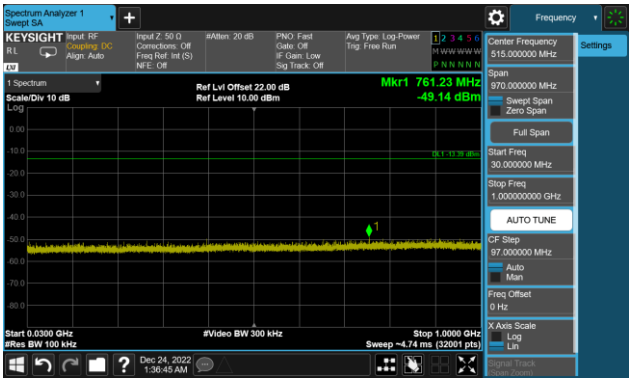
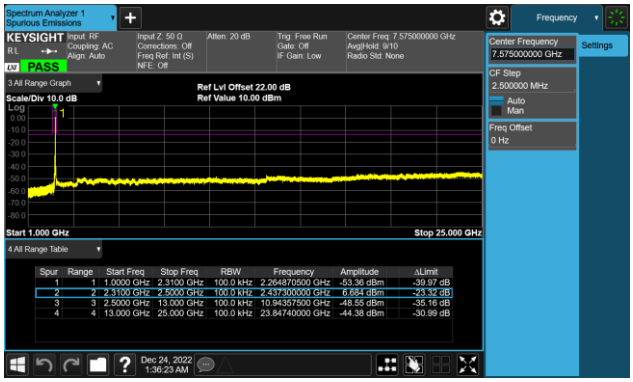
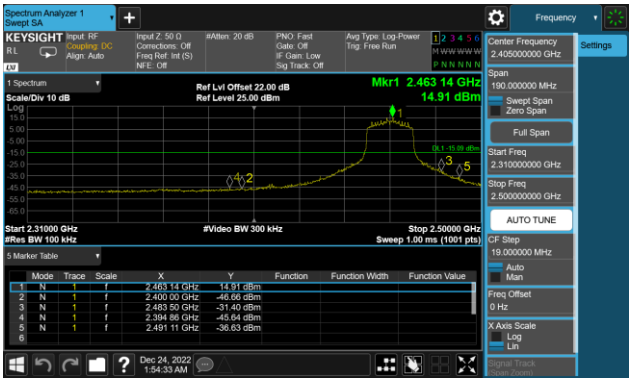
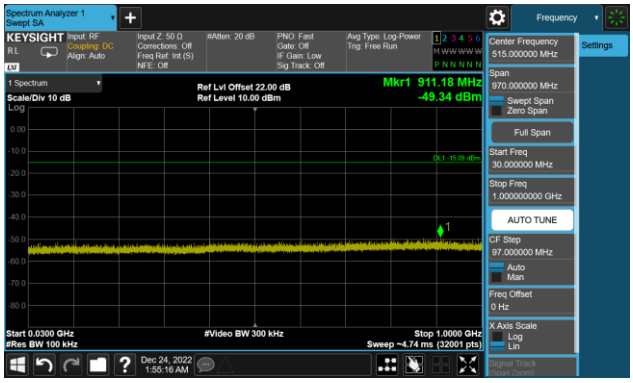
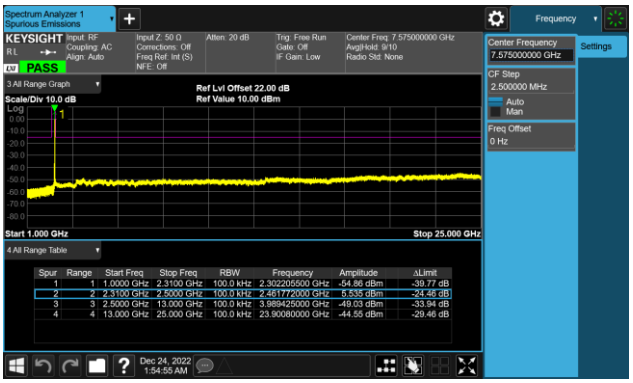
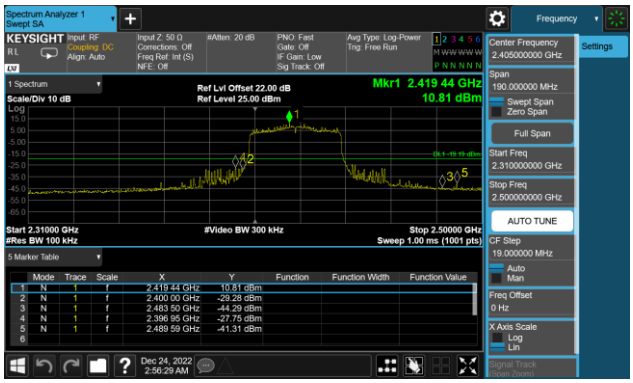
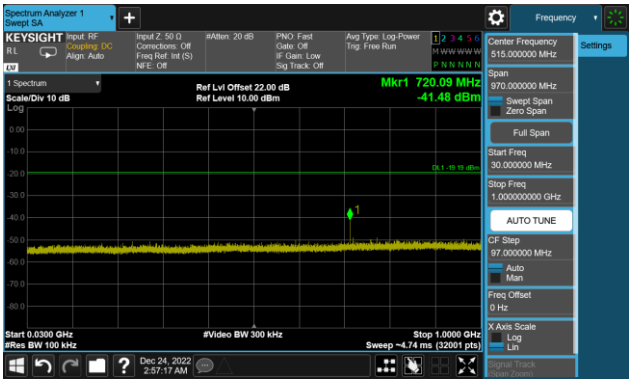
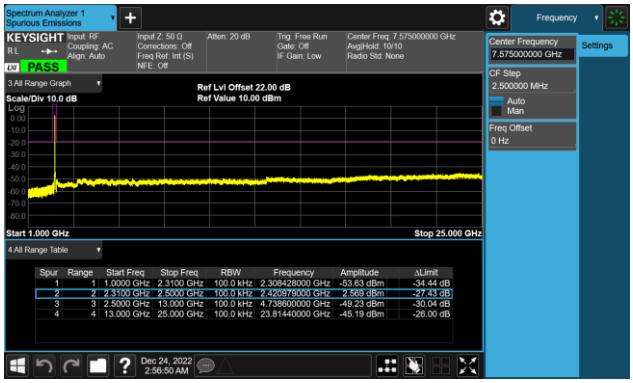
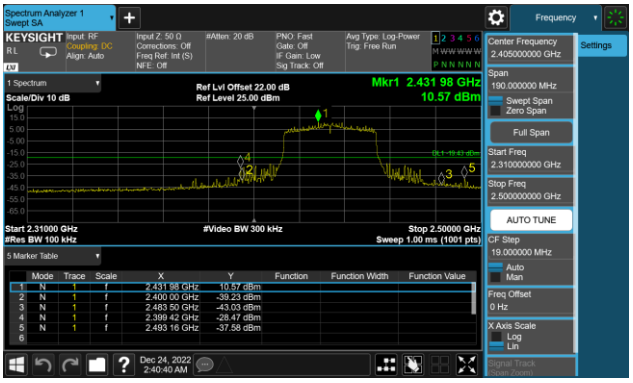
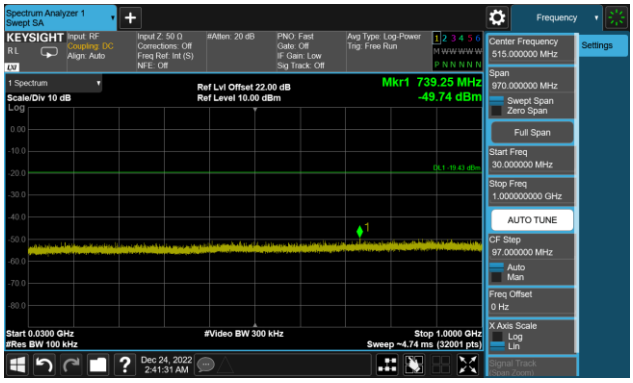
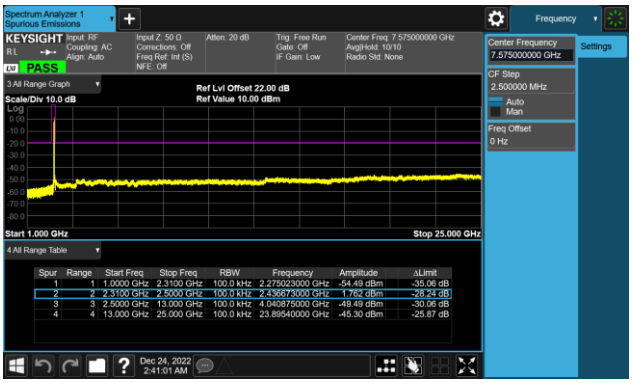
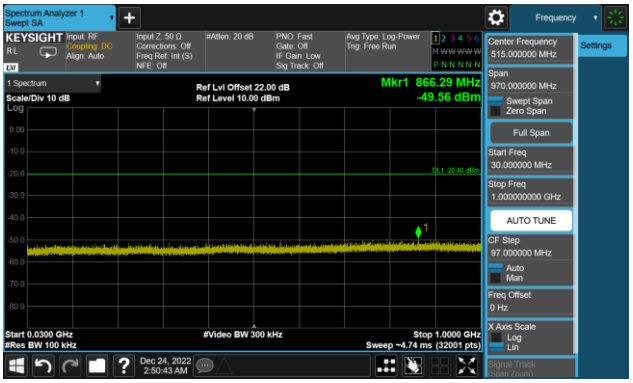
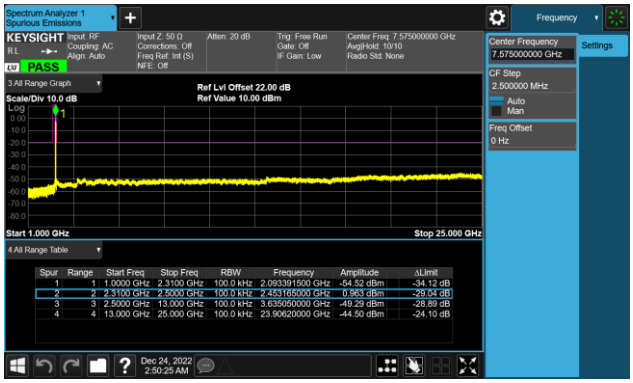
| 802.11 ax20 CH01 (2412MHz) | 802.11 ax20 CH01 (2412MHz) |
|---|---|
|  |  |
| **802.11 ax20 CH01 (2412MHz)** | **802.11 ax20 CH06 (2437MHz)** |
|  |  |
| **802.11 ax20 CH06 (2437MHz)** | **802.11 ax20 CH06 (2437MHz)** |
|  |  |

| 802.11 ax20 CH11 (2462MHz) | 802.11 ax20 CH11 (2462MHz) |
|---|---|
|  |  |
| **802.11 ax20 CH11 (2462MHz)** | **802.11 ax40 CH03 (2422MHz)** |
|  |  |
| **802.11 ax40 CH03 (2422MHz)** | **802.11 ax40 CH03 (2422MHz)** |
|  |  |

| 802.11 ax40 CH06 (2437MHz) | 802.11 ax40 CH06 (2437MHz) |
|---|---|
|  |  |
| **802.11 ax40 CH06 (2437MHz)** | **802.11 ax40 CH09 (2452MHz)** |
|  |  |
| **02.11 ax40 CH09 (2452MHz)** | **802.11 ax40 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 11.11 & 11.12

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

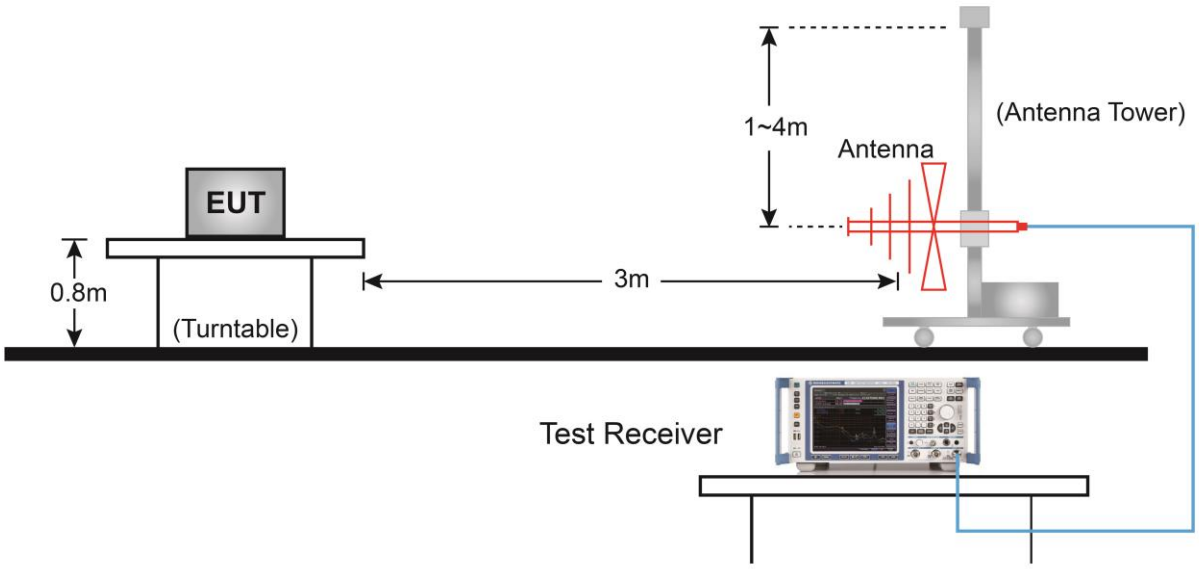
5. Sweep time = auto

6. Trace mode = max hold

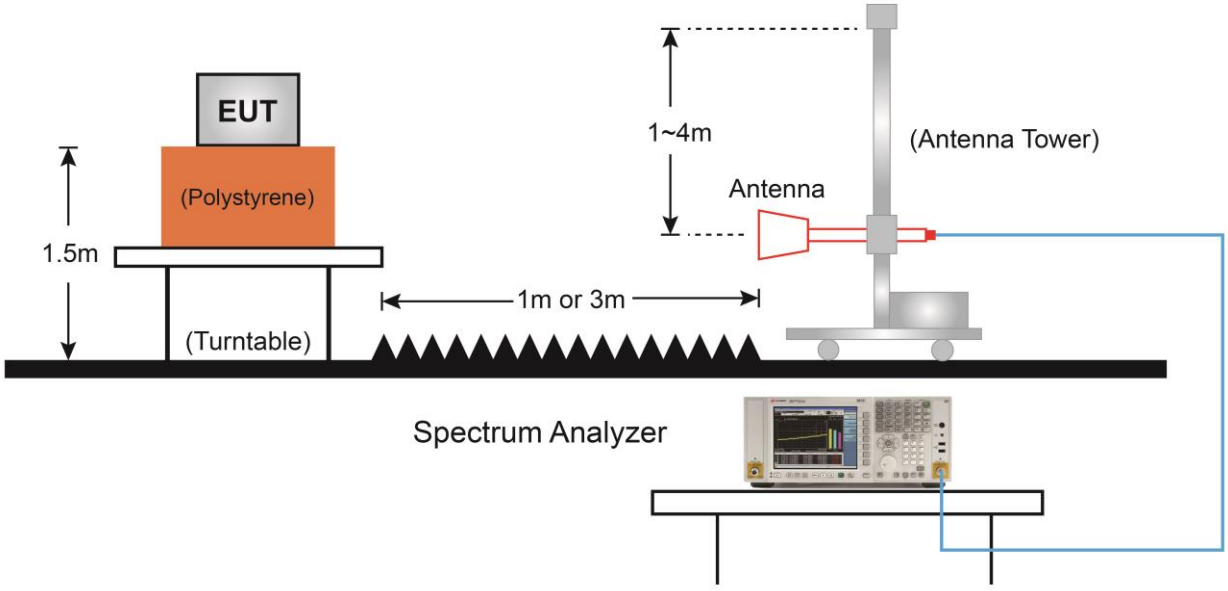
7. Trace was allowed to stabilize

### 7.6.4.Test Setup

Below 1GHz Test Setup:

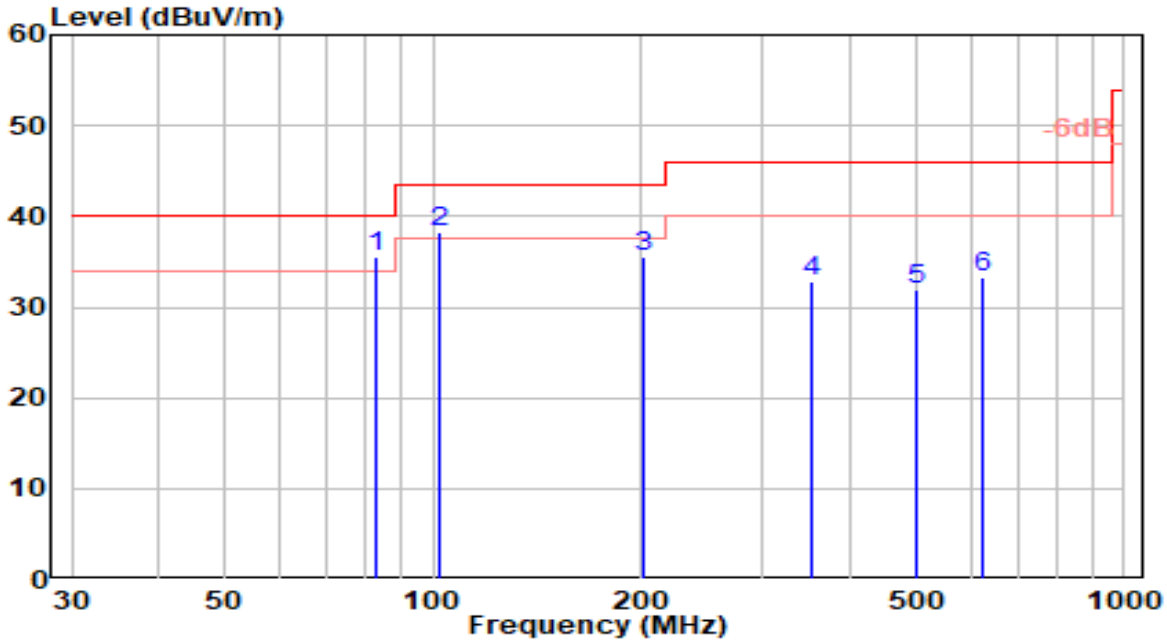



Above 1GHz Test Setup:



### 7.6.5.Test Result

| EUT | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

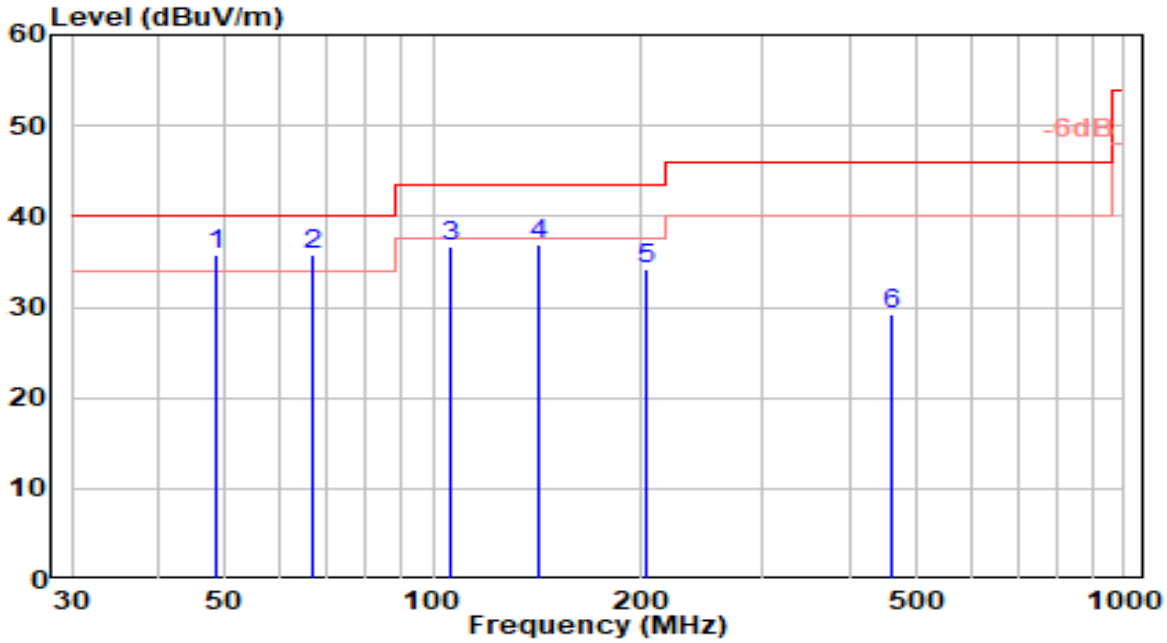



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 82.740 | 20.33 | 15.23 | 35.56 | -4.44 | 40.00 | 100 | 110 | QP |
| 2 | | 101.740 | 19.12 | 19.24 | 38.36 | -5.14 | 43.50 | 100 | 41 | QP |
| 3 | | 202.240 | 16.94 | 18.69 | 35.64 | -7.86 | 43.50 | 100 | 300 | QP |
| 4 | | 353.000 | 9.85 | 23.02 | 32.87 | -13.13 | 46.00 | 100 | 171 | QP |
| 5 | | 501.600 | 6.09 | 25.74 | 31.83 | -14.17 | 46.00 | 100 | 273 | QP |
| 6 | | 624.910 | 5.33 | 27.93 | 33.26 | -12.74 | 46.00 | 100 | 62 | QP |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

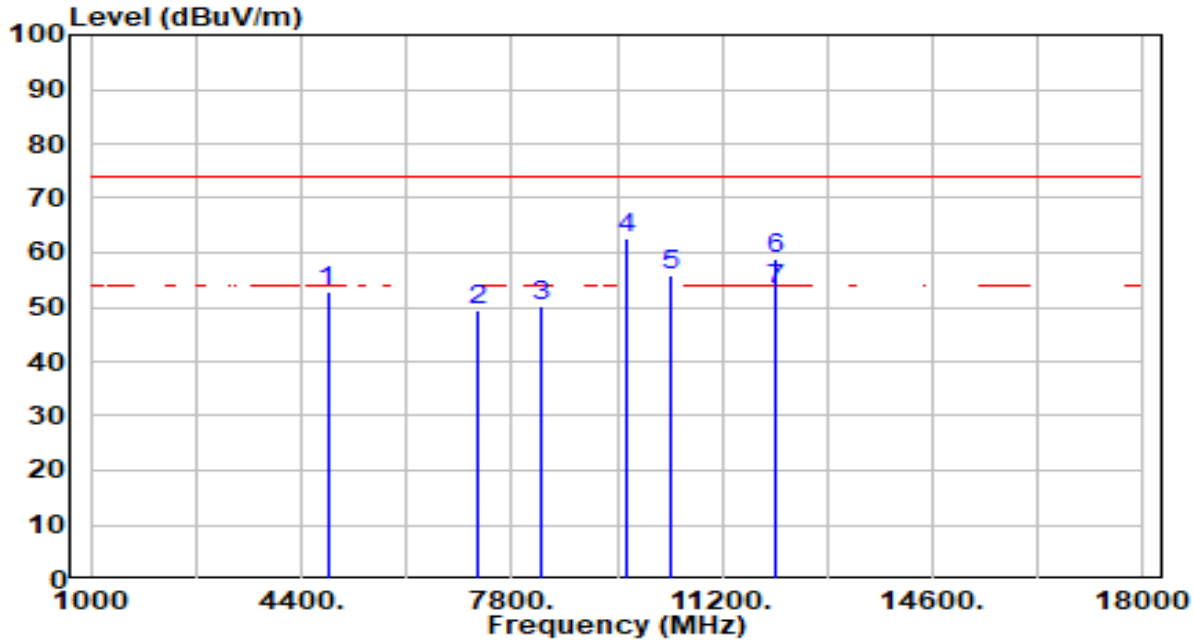



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 48.540 | 14.31 | 21.56 | 35.87 | -4.13 | 40.00 | 100 | 158 | QP |
| 2 | | 66.740 | 18.15 | 17.52 | 35.67 | -4.33 | 40.00 | 100 | 104 | QP |
| 3 | | 106.340 | 17.55 | 19.02 | 36.57 | -6.93 | 43.50 | 100 | 342 | QP |
| 4 | | 142.490 | 21.30 | 15.60 | 36.90 | -6.60 | 43.50 | 100 | 212 | QP |
| 5 | | 204.170 | 15.57 | 18.68 | 34.25 | -9.25 | 43.50 | 100 | 245 | QP |
| 6 | | 460.610 | 4.45 | 24.70 | 29.16 | -16.85 | 46.00 | 100 | 219 | QP |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

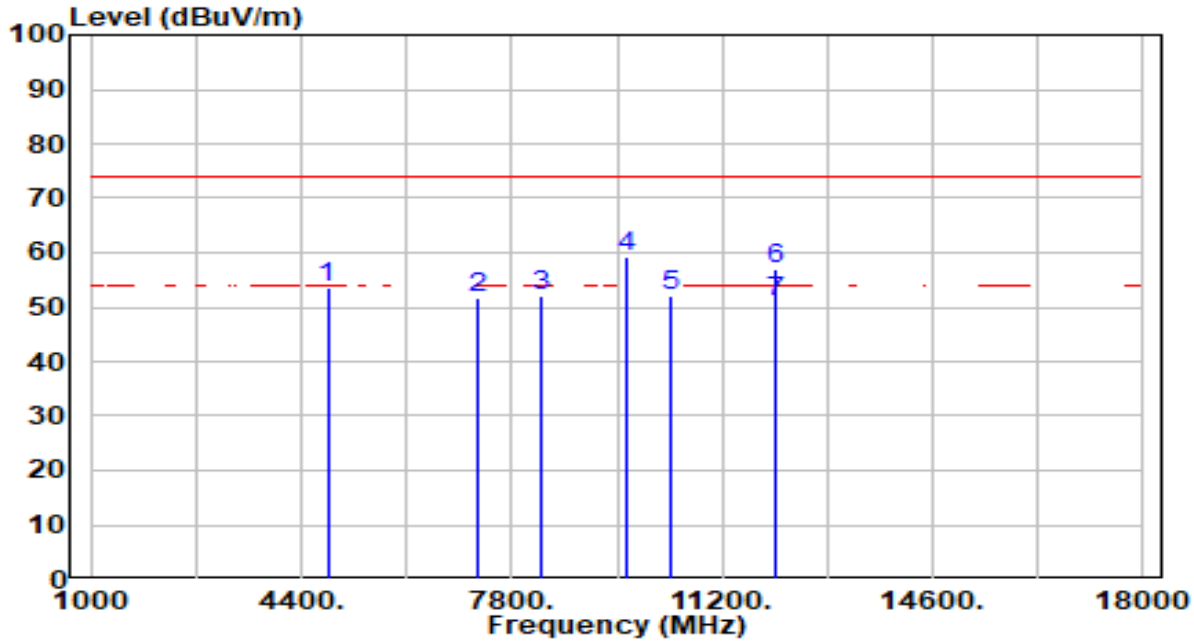



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 52.54 | 0.25 | 52.79 | -21.21 | 74.00 | 300 | 260 | Peak |
| 2 | | 7236.000 | 43.73 | 5.81 | 49.54 | -24.46 | 74.00 | 100 | 314 | Peak |
| 3 | | 8288.000 | 44.57 | 5.50 | 50.07 | -23.93 | 74.00 | 200 | 316 | Peak |
| 4 | * | 9648.000 | 57.19 | 5.32 | 62.52 | -11.48 | 74.00 | 100 | 118 | Peak |
| 5 | | 10360.000 | 50.66 | 5.29 | 55.95 | -18.05 | 74.00 | 100 | 219 | Peak |
| 6 | | 12060.000 | 52.78 | 5.99 | 58.77 | -15.23 | 74.00 | 295 | 230 | Peak |
| 7 | * | 12060.000 | 47.24 | 5.99 | 53.23 | -0.77 | 54.00 | 295 | 230 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

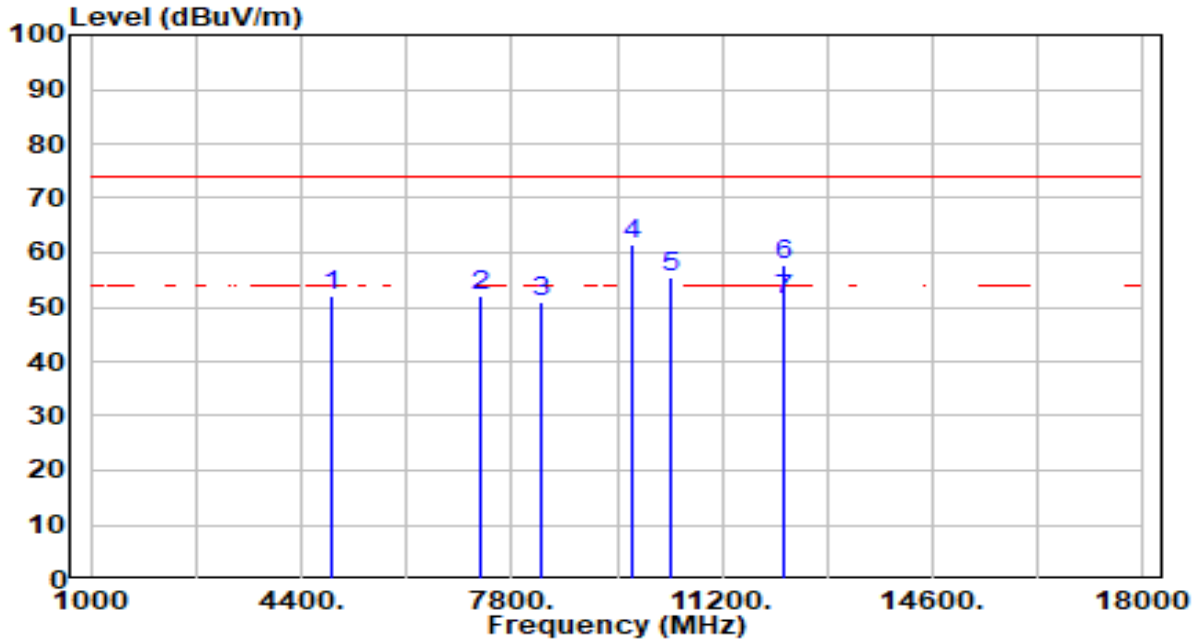



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 53.22 | 0.25 | 53.48 | -20.52 | 74.00 | 200 | 315 | Peak |
| 2 | | 7236.000 | 45.84 | 5.81 | 51.66 | -22.34 | 74.00 | 100 | 316 | Peak |
| 3 | | 8288.000 | 46.52 | 5.50 | 52.02 | -21.98 | 74.00 | 200 | 277 | Peak |
| 4 | * | 9648.000 | 54.07 | 5.32 | 59.39 | -14.61 | 74.00 | 100 | 80 | Peak |
| 5 | | 10360.000 | 46.92 | 5.29 | 52.21 | -21.79 | 74.00 | 300 | 260 | Peak |
| 6 | | 12060.000 | 51.04 | 5.99 | 57.03 | -16.97 | 74.00 | 100 | 311 | Peak |
| 7 | * | 12060.000 | 45.08 | 5.99 | 51.07 | -2.93 | 54.00 | 100 | 311 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

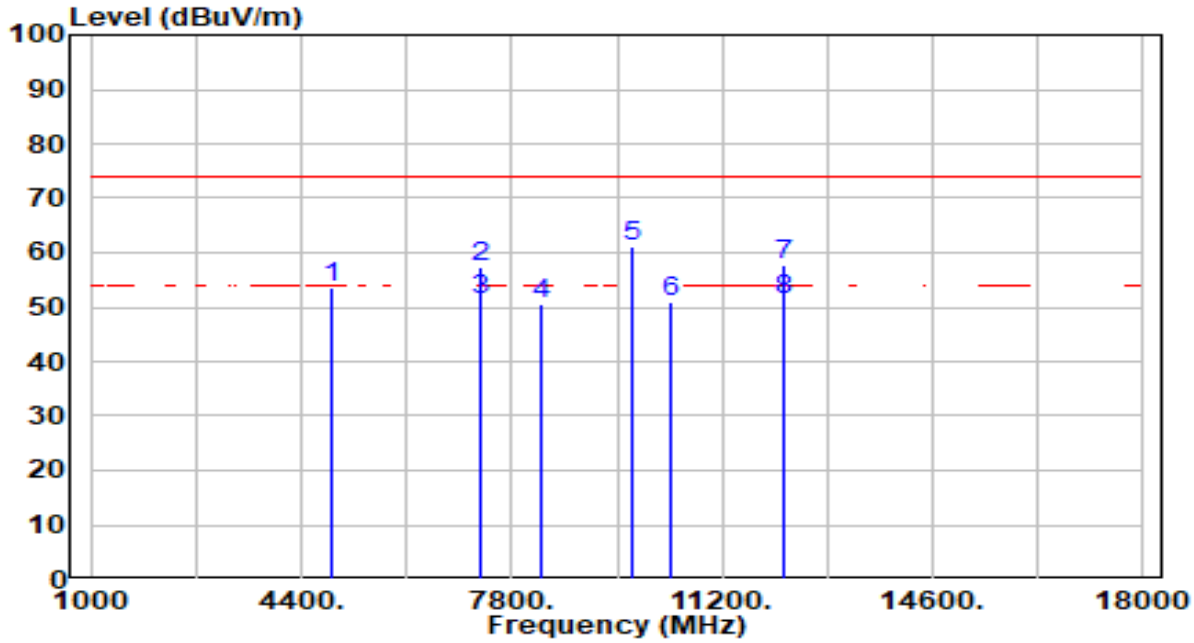



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 51.75 | 0.35 | 52.11 | -21.89 | 74.00 | 300 | 256 | Peak |
| 2 | | 7311.000 | 46.26 | 5.79 | 52.05 | -21.95 | 74.00 | 300 | 180 | Peak |
| 3 | | 8288.000 | 45.29 | 5.50 | 50.80 | -23.20 | 74.00 | 100 | 196 | Peak |
| 4 | * | 9748.000 | 56.18 | 5.34 | 61.52 | -12.48 | 74.00 | 100 | 224 | Peak |
| 5 | | 10360.000 | 50.30 | 5.29 | 55.59 | -18.41 | 74.00 | 100 | 227 | Peak |
| 6 | | 12185.000 | 51.51 | 6.08 | 57.59 | -16.41 | 74.00 | 305 | 293 | Peak |
| 7 | * | 12185.000 | 45.18 | 6.08 | 51.26 | -2.74 | 54.00 | 305 | 293 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

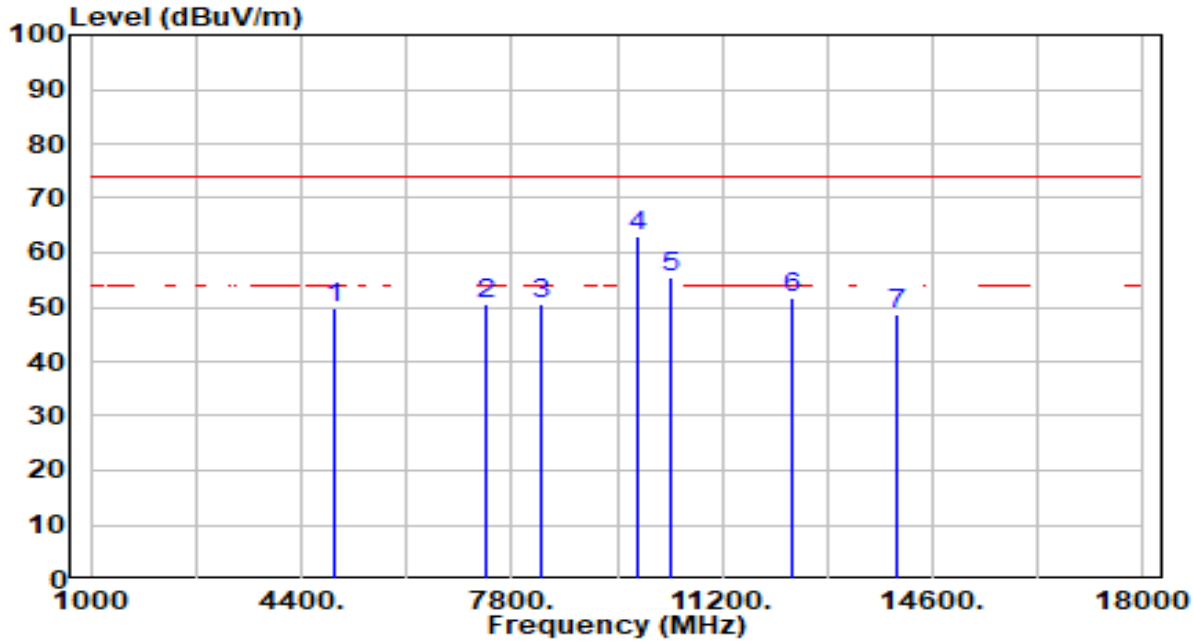



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 53.20 | 0.35 | 53.55 | -20.45 | 74.00 | 200 | 307 | Peak |
| 2 | | 7311.000 | 51.41 | 5.79 | 57.20 | -16.80 | 74.00 | 100 | 316 | Peak |
| 3 | * | 7311.000 | 45.59 | 5.79 | 51.38 | -2.62 | 54.00 | 100 | 316 | Average |
| 4 | | 8288.000 | 45.07 | 5.50 | 50.58 | -23.42 | 74.00 | 100 | 324 | Peak |
| 5 | | 9748.000 | 55.76 | 5.34 | 61.10 | -12.90 | 74.00 | 100 | 82 | Peak |
| 6 | | 10360.000 | 45.63 | 5.29 | 50.92 | -23.08 | 74.00 | 200 | 264 | Peak |
| 7 | * | 12185.000 | 51.69 | 6.08 | 57.77 | -16.23 | 74.00 | 100 | 310 | Peak |
| 8 | | 12185.000 | 45.18 | 6.08 | 51.26 | -2.74 | 54.00 | 100 | 310 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

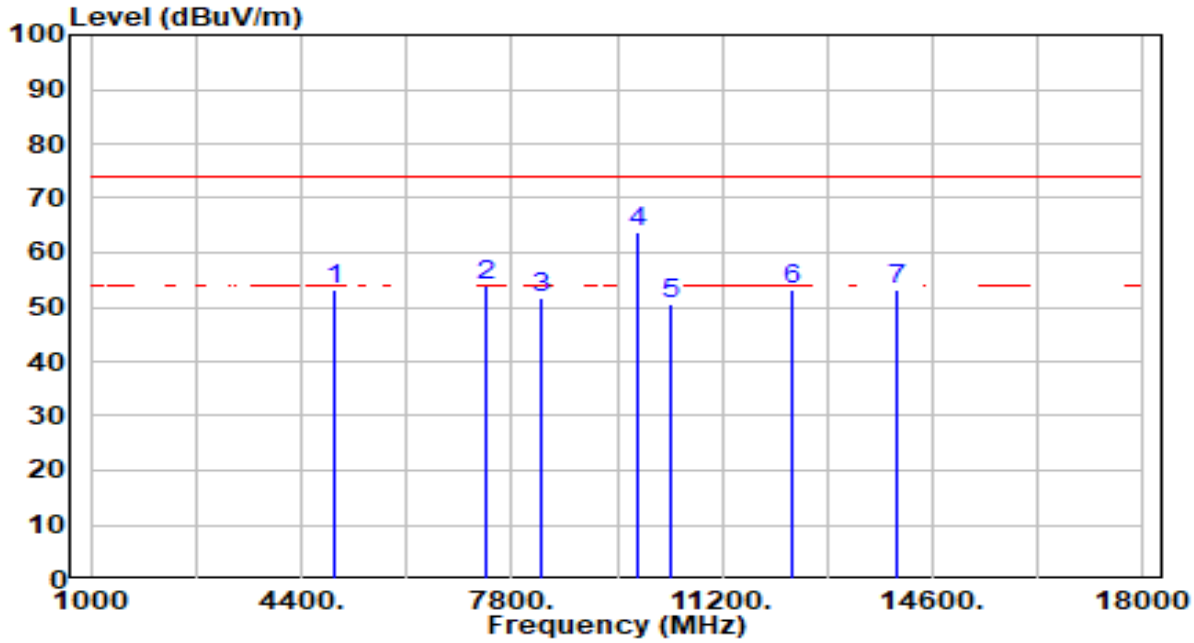



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 49.25 | 0.45 | 49.71 | -24.29 | 74.00 | 300 | 248 | Peak |
| 2 | | 7386.000 | 44.68 | 5.77 | 50.45 | -23.55 | 74.00 | 100 | 119 | Peak |
| 3 | | 8288.000 | 45.02 | 5.50 | 50.52 | -23.48 | 74.00 | 100 | 247 | Peak |
| 4 | * | 9848.000 | 57.73 | 5.38 | 63.11 | -10.89 | 74.00 | 100 | 109 | Peak |
| 5 | | 10360.000 | 50.28 | 5.29 | 55.57 | -18.43 | 74.00 | 100 | 217 | Peak |
| 6 | | 12310.000 | 45.63 | 6.23 | 51.86 | -22.14 | 74.00 | 100 | 244 | Peak |
| 7 | | 14033.000 | 41.99 | 6.81 | 48.80 | -25.20 | 74.00 | 100 | 299 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

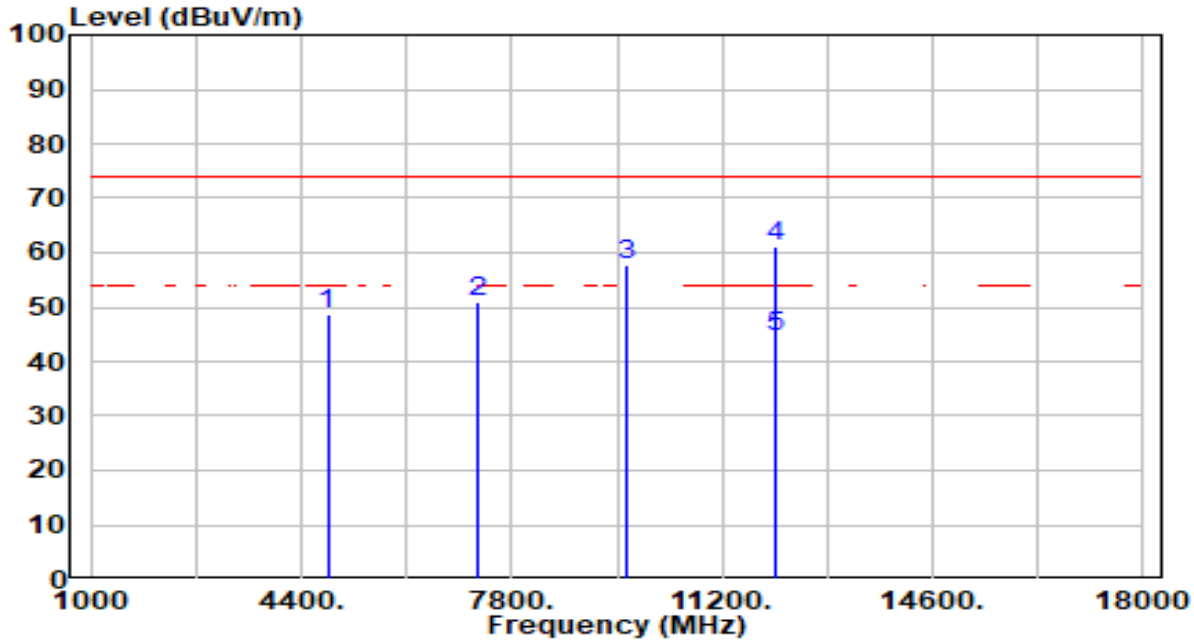



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 52.87 | 0.45 | 53.32 | -20.68 | 74.00 | 200 | 313 | Peak |
| 2 | | 7386.000 | 48.11 | 5.77 | 53.88 | -20.12 | 74.00 | 200 | 180 | Peak |
| 3 | | 8288.000 | 46.11 | 5.50 | 51.61 | -22.39 | 74.00 | 200 | 283 | Peak |
| 4 | * | 9848.000 | 58.32 | 5.38 | 63.70 | -10.30 | 74.00 | 200 | 223 | Peak |
| 5 | | 10360.000 | 45.13 | 5.29 | 50.42 | -23.58 | 74.00 | 200 | 268 | Peak |
| 6 | | 12311.000 | 47.15 | 6.23 | 53.38 | -20.62 | 74.00 | 100 | 310 | Peak |
| 7 | | 14033.000 | 46.54 | 6.81 | 53.34 | -20.66 | 74.00 | 173 | 0 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

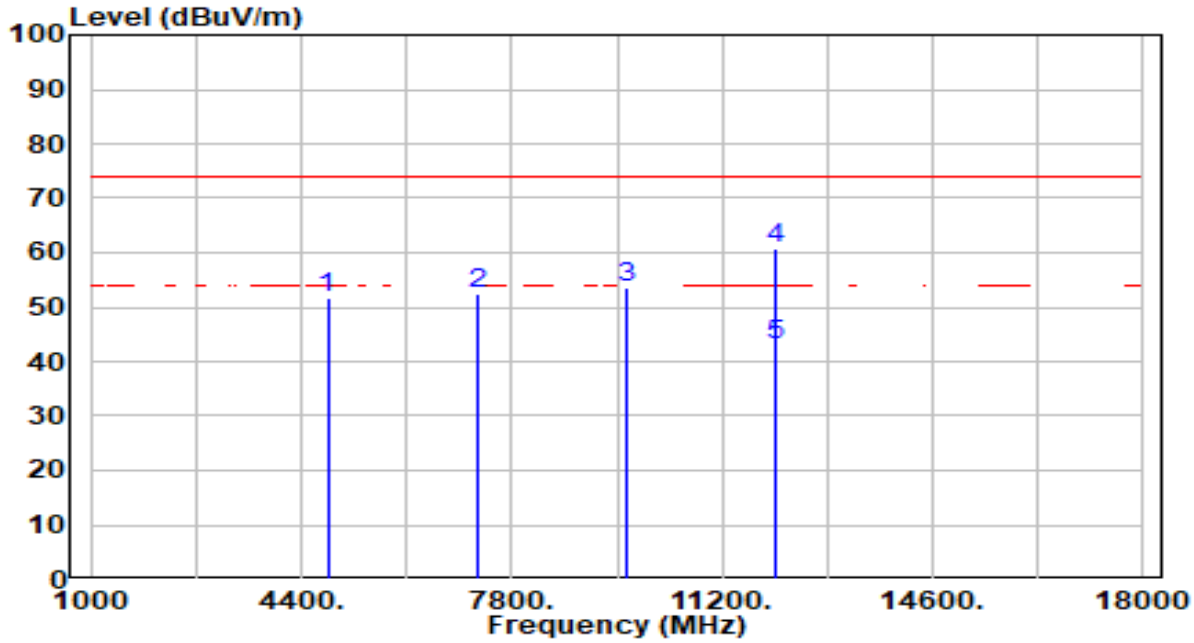



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 48.32 | 0.25 | 48.57 | -25.43 | 74.00 | 300 | 255 | Peak |
| 2 | | 7236.000 | 44.94 | 5.81 | 50.76 | -23.24 | 74.00 | 300 | 270 | Peak |
| 3 | | 9648.000 | 52.39 | 5.32 | 57.71 | -16.29 | 74.00 | 100 | 100 | Peak |
| 4 | * | 12060.000 | 55.01 | 5.99 | 61.00 | -13.00 | 74.00 | 300 | 292 | Peak |
| 5 | * | 12060.000 | 38.59 | 5.99 | 44.58 | -9.42 | 54.00 | 300 | 292 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

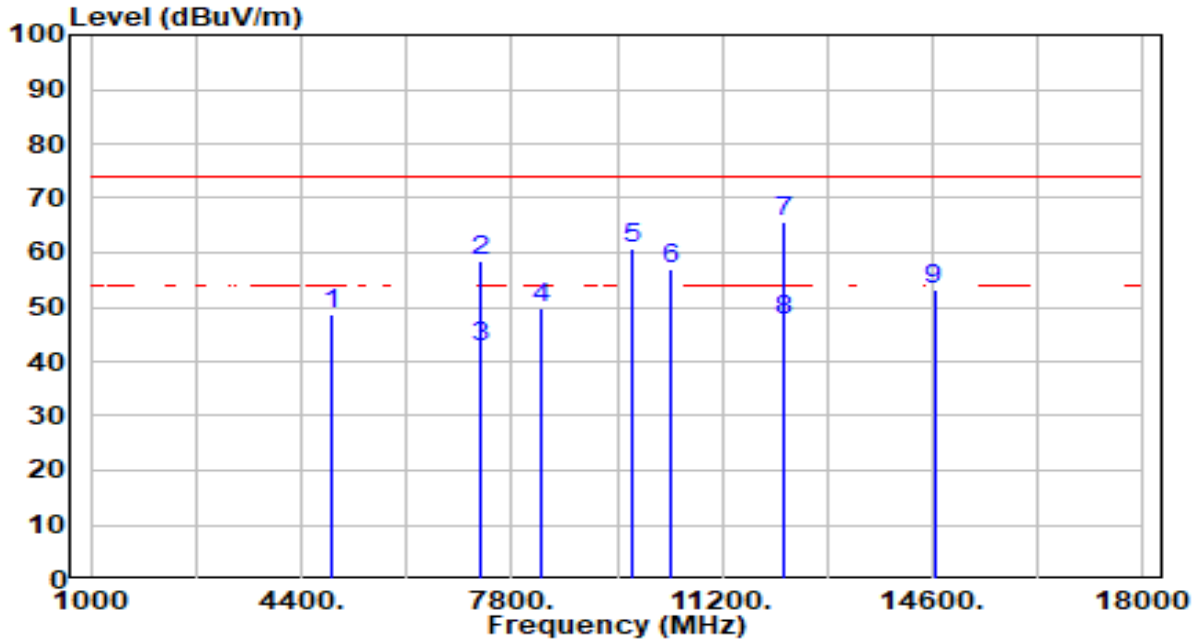



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 51.33 | 0.25 | 51.58 | -22.42 | 74.00 | 100 | 338 | Peak |
| 2 | | 7236.000 | 46.51 | 5.81 | 52.32 | -21.68 | 74.00 | 147 | 0 | Peak |
| 3 | | 9648.000 | 48.34 | 5.32 | 53.66 | -20.34 | 74.00 | 100 | 360 | Peak |
| 4 | * | 12060.000 | 54.64 | 5.99 | 60.63 | -13.37 | 74.00 | 100 | 343 | Peak |
| 5 | * | 12060.000 | 37.18 | 5.99 | 43.17 | -10.83 | 54.00 | 100 | 343 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

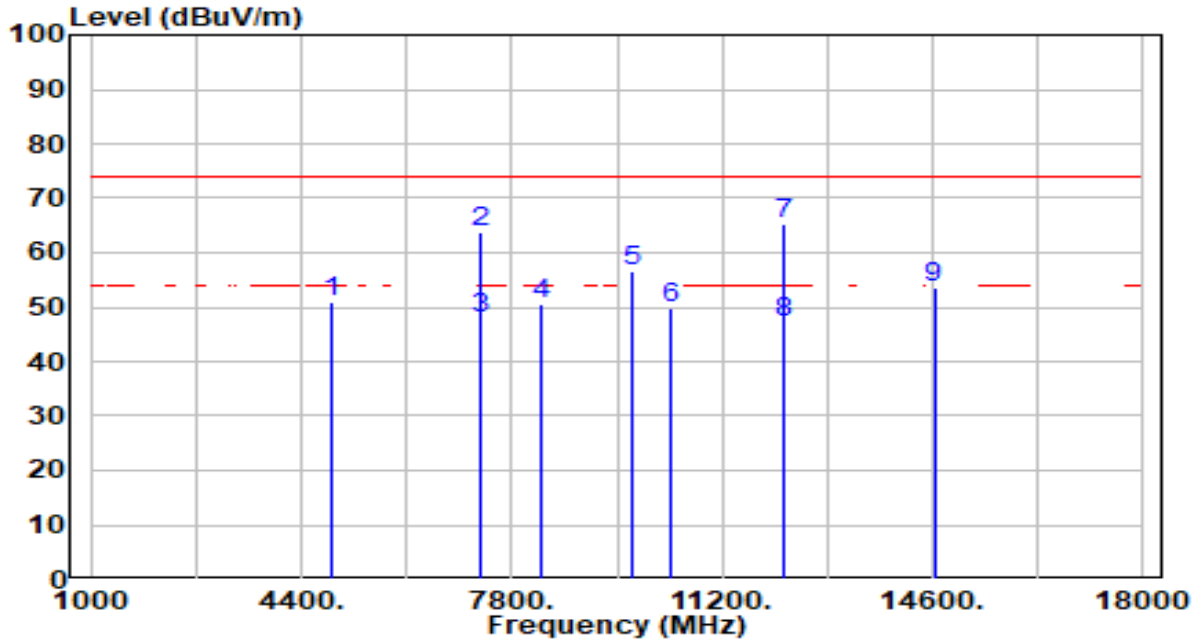



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 48.45 | 0.35 | 48.80 | -25.20 | 74.00 | 300 | 262 | Peak |
| 2 | | 7311.000 | 52.52 | 5.79 | 58.31 | -15.69 | 74.00 | 297 | 61 | Peak |
| 3 | | 7311.000 | 36.95 | 5.79 | 42.74 | -11.26 | 54.00 | 297 | 61 | Average |
| 4 | | 8288.000 | 44.49 | 5.50 | 50.00 | -24.00 | 74.00 | 100 | 241 | Peak |
| 5 | | 9748.000 | 55.37 | 5.34 | 60.71 | -13.29 | 74.00 | 100 | 226 | Peak |
| 6 | | 10360.000 | 51.80 | 5.29 | 57.10 | -16.90 | 74.00 | 100 | 223 | Peak |
| 7 | * | 12185.000 | 59.71 | 6.08 | 65.79 | -8.21 | 74.00 | 311 | 294 | Peak |
| 8 | * | 12185.000 | 41.48 | 6.08 | 47.56 | -6.44 | 54.00 | 311 | 294 | Average |
| 9 | | 14622.000 | 46.64 | 6.70 | 53.34 | -20.66 | 74.00 | 100 | 238 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

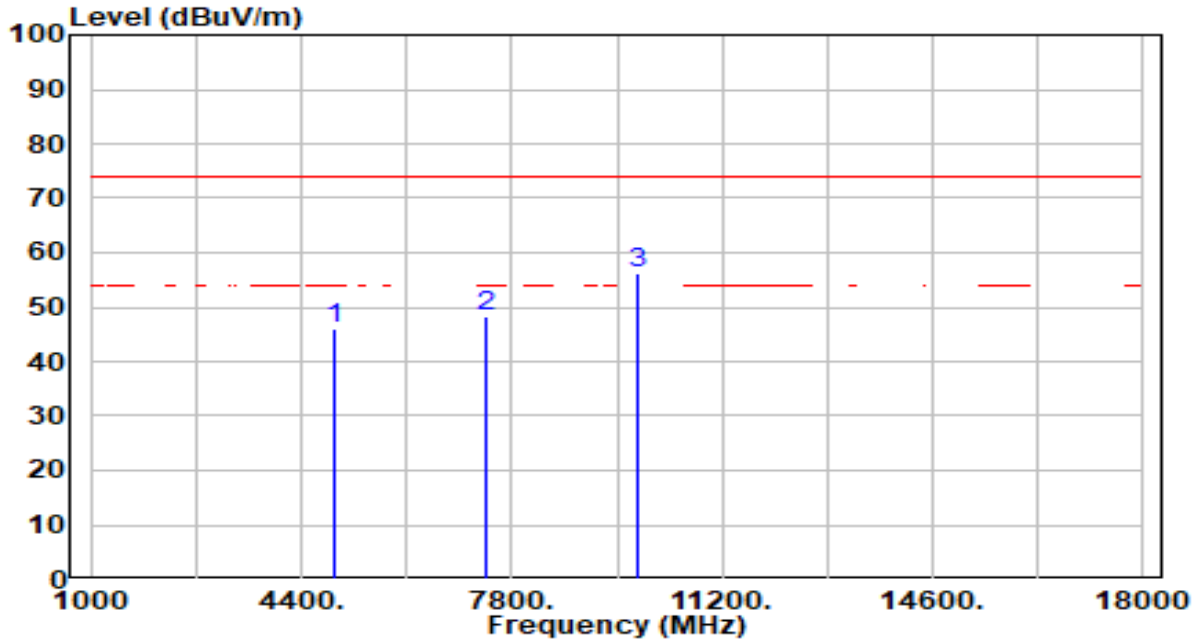



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 50.44 | 0.35 | 50.79 | -23.21 | 74.00 | 200 | 311 | Peak |
| 2 | | 7311.000 | 57.96 | 5.79 | 63.75 | -10.25 | 74.00 | 100 | 316 | Peak |
| 3 | * | 7311.000 | 41.95 | 5.79 | 47.74 | -6.26 | 54.00 | 100 | 316 | Average |
| 4 | | 8288.000 | 45.23 | 5.50 | 50.73 | -23.27 | 74.00 | 200 | 271 | Peak |
| 5 | | 9748.000 | 51.43 | 5.34 | 56.77 | -17.23 | 74.00 | 100 | 84 | Peak |
| 6 | | 10360.000 | 44.67 | 5.29 | 49.96 | -24.04 | 74.00 | 100 | 261 | Peak |
| 7 | * | 12185.000 | 59.14 | 6.08 | 65.22 | -8.78 | 74.00 | 102 | 311 | Peak |
| 8 | | 12185.000 | 40.97 | 6.08 | 47.05 | -6.95 | 54.00 | 102 | 311 | Average |
| 9 | | 14622.000 | 46.96 | 6.70 | 53.66 | -20.34 | 74.00 | 111 | 0 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

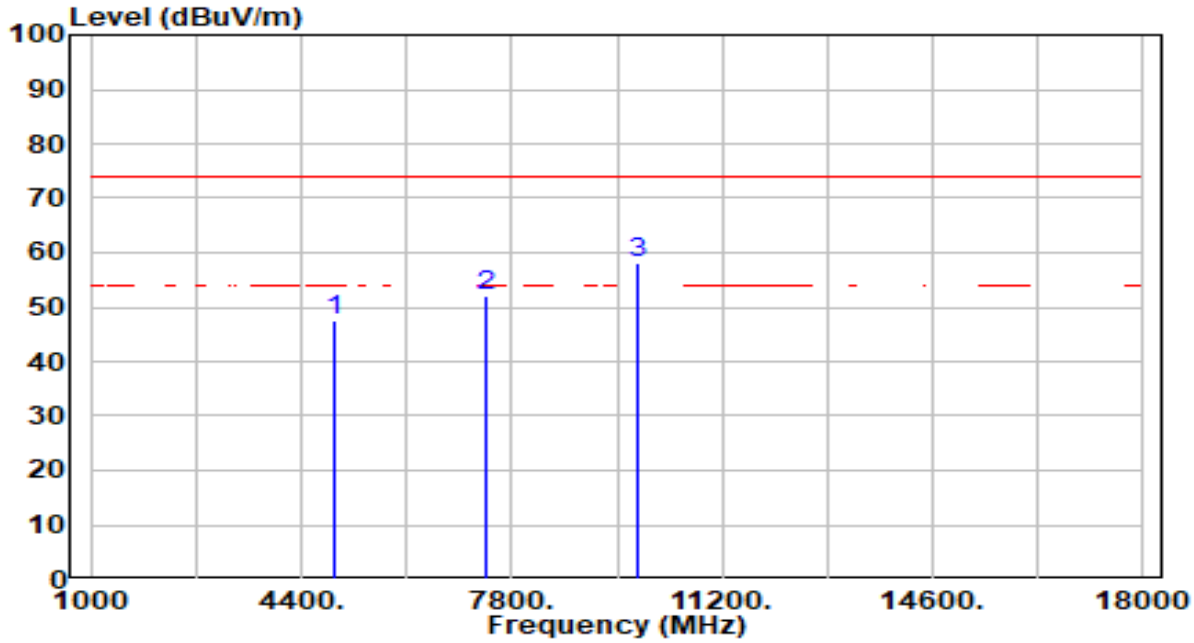



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 45.68 | 0.45 | 46.13 | -27.87 | 74.00 | 100 | 262 | Peak |
| 2 | | 7386.000 | 42.66 | 5.77 | 48.43 | -25.57 | 74.00 | 100 | 106 | Peak |
| 3 | * | 9848.000 | 50.85 | 5.38 | 56.23 | -17.77 | 74.00 | 100 | 100 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

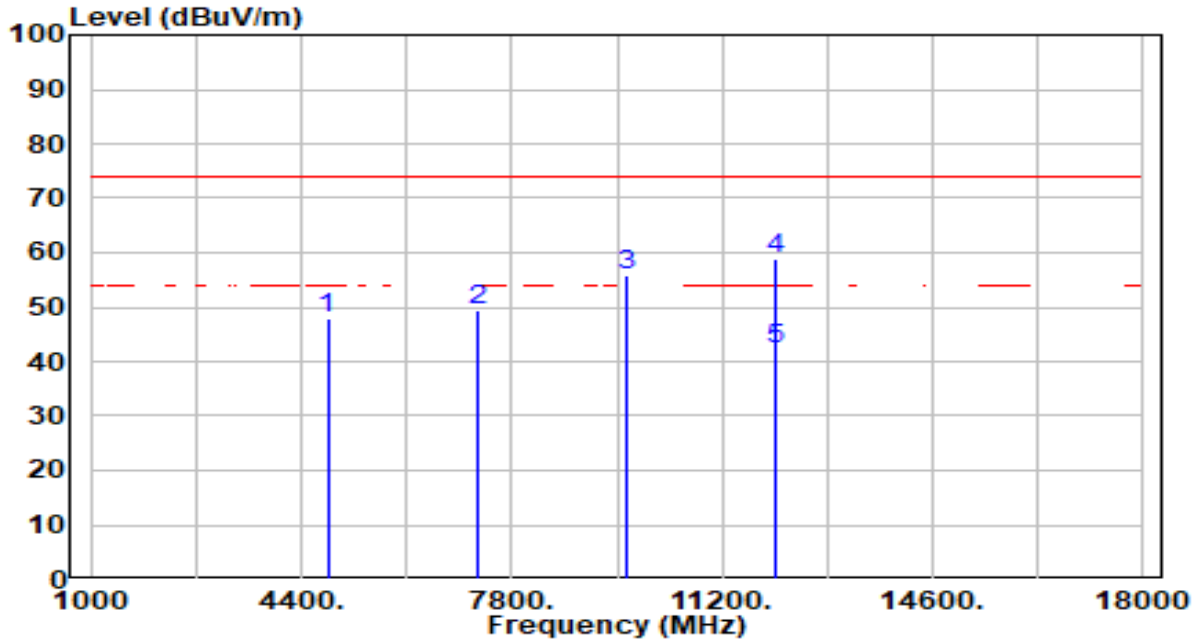



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 47.21 | 0.45 | 47.67 | -26.33 | 74.00 | 200 | 311 | Peak |
| 2 | | 7386.000 | 46.36 | 5.77 | 52.13 | -21.87 | 74.00 | 200 | 177 | Peak |
| 3 | * | 9848.000 | 52.80 | 5.38 | 58.18 | -15.82 | 74.00 | 200 | 216 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

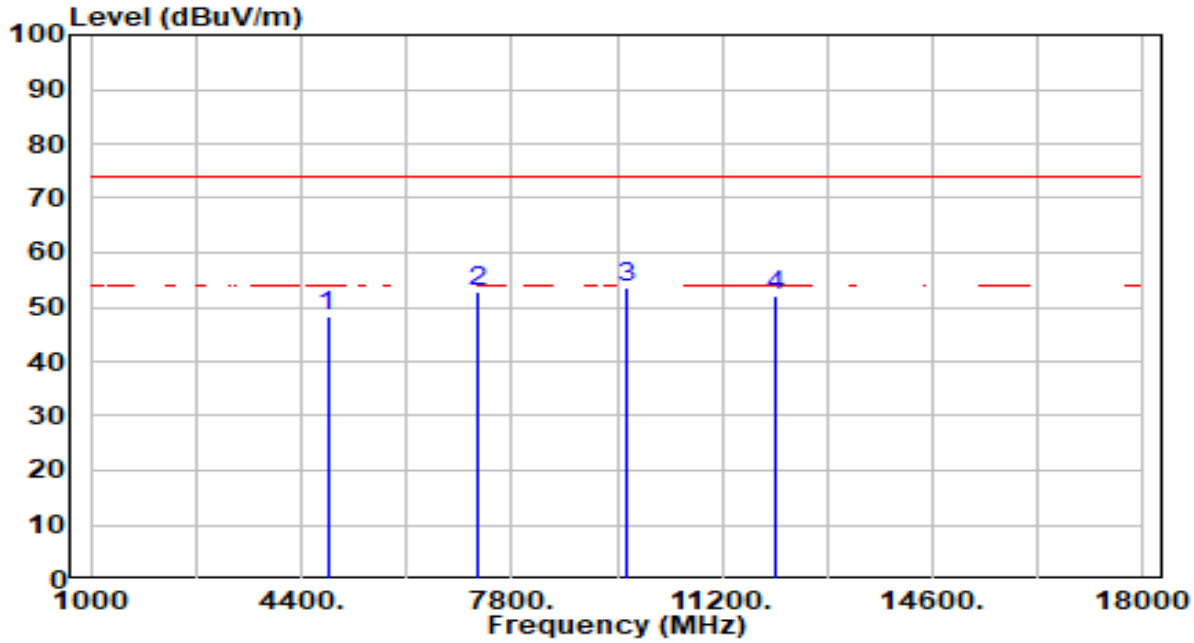



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 47.81 | 0.25 | 48.06 | -25.94 | 74.00 | 300 | 262 | Peak |
| 2 | | 7236.000 | 43.51 | 5.81 | 49.33 | -24.67 | 74.00 | 100 | 203 | Peak |
| 3 | | 9648.000 | 50.66 | 5.32 | 55.99 | -18.01 | 74.00 | 100 | 112 | Peak |
| 4 | * | 12060.000 | 52.98 | 5.99 | 58.97 | -15.03 | 74.00 | 300 | 294 | Peak |
| 5 | * | 12060.000 | 36.44 | 5.99 | 42.43 | -11.57 | 54.00 | 300 | 294 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

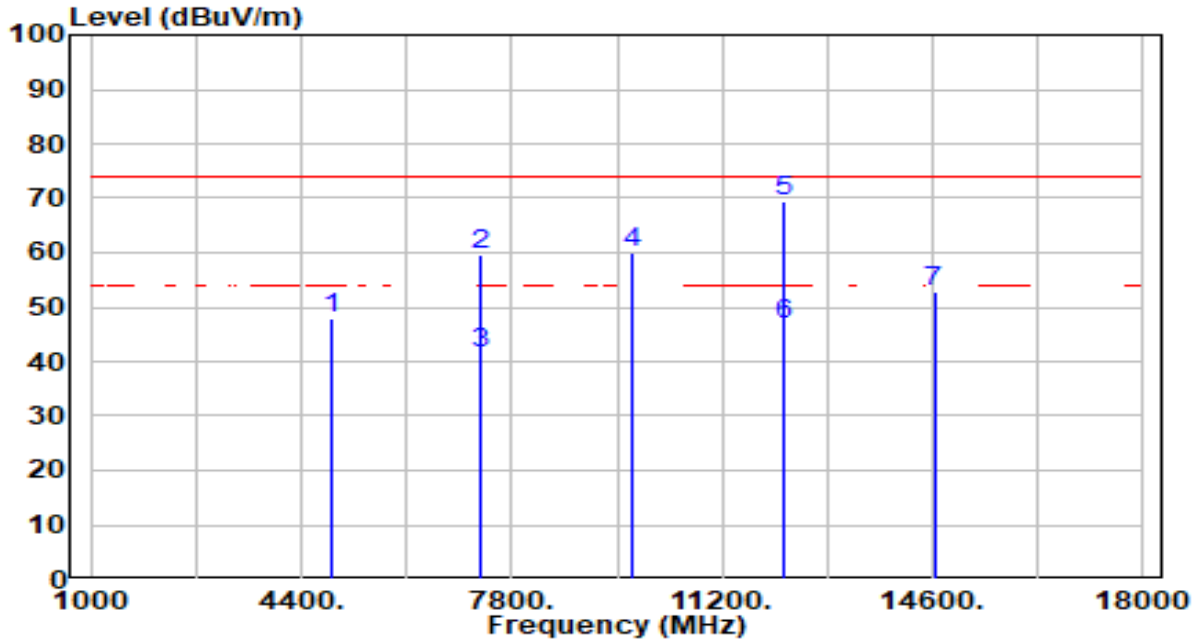



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 47.95 | 0.25 | 48.20 | -25.80 | 74.00 | 200 | 308 | Peak |
| 2 | | 7236.000 | 46.95 | 5.81 | 52.76 | -21.24 | 74.00 | 100 | 315 | Peak |
| 3 | * | 9648.000 | 48.21 | 5.32 | 53.54 | -20.46 | 74.00 | 198 | 0 | Peak |
| 4 | | 12060.000 | 45.90 | 5.99 | 51.89 | -22.11 | 74.00 | 100 | 318 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

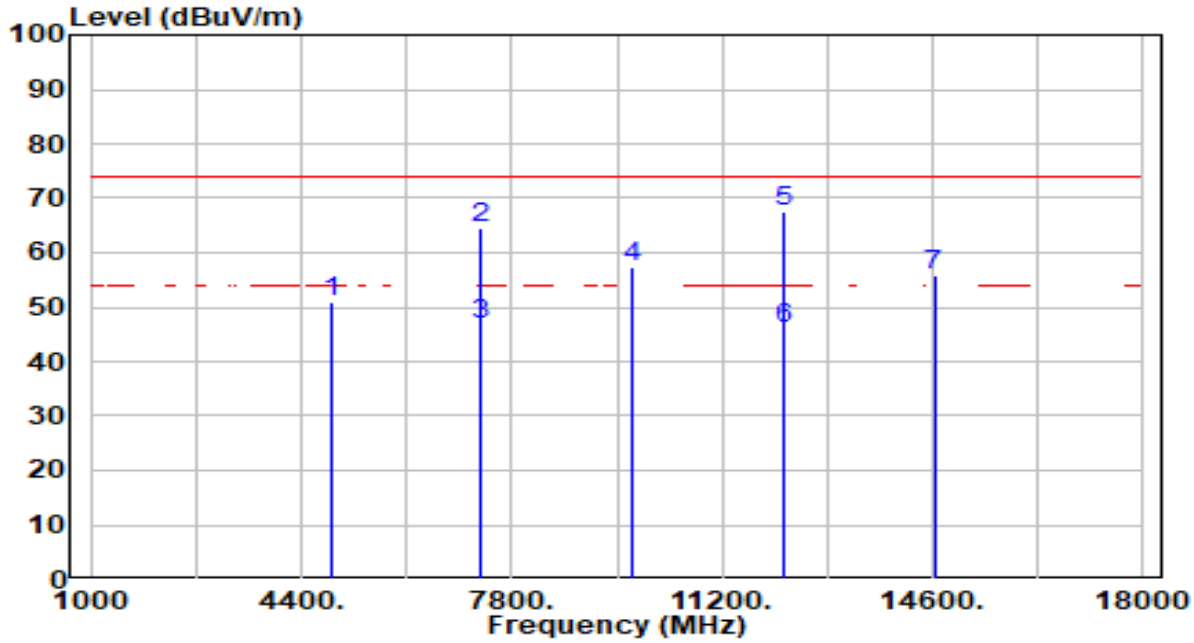



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 47.46 | 0.35 | 47.81 | -26.19 | 74.00 | 300 | 245 | Peak |
| 2 | | 7311.000 | 53.88 | 5.79 | 59.67 | -14.33 | 74.00 | 300 | 183 | Peak |
| 3 | | 7311.000 | 35.56 | 5.79 | 41.35 | -12.65 | 54.00 | 300 | 183 | Average |
| 4 | * | 9748.000 | 54.57 | 5.34 | 59.91 | -14.09 | 74.00 | 100 | 112 | Peak |
| 5 | | 12185.000 | 63.38 | 6.08 | 69.46 | -4.54 | 74.00 | 301 | 292 | Peak |
| 6 | * | 12185.000 | 40.55 | 6.08 | 46.63 | -7.37 | 54.00 | 301 | 292 | Average |
| 7 | | 14622.000 | 46.07 | 6.70 | 52.77 | -21.23 | 74.00 | 100 | 180 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

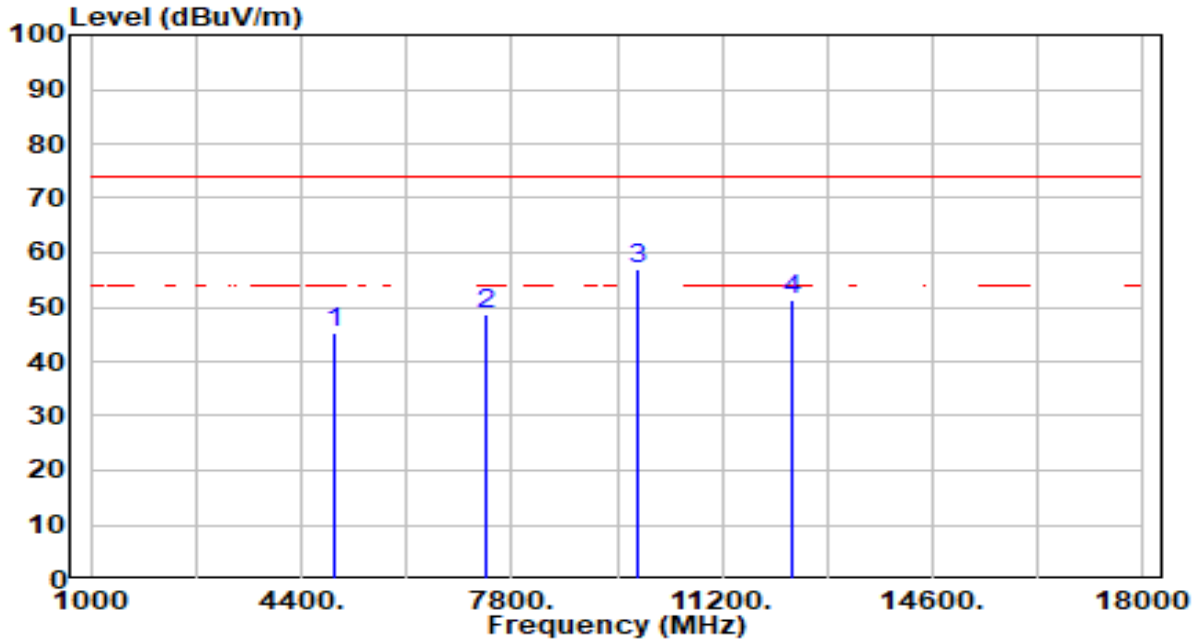



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 50.51 | 0.35 | 50.87 | -23.13 | 74.00 | 200 | 301 | Peak |
| 2 | | 7311.000 | 58.55 | 5.79 | 64.34 | -9.66 | 74.00 | 100 | 317 | Peak |
| 3 | * | 7311.000 | 41.01 | 5.79 | 46.80 | -7.20 | 54.00 | 100 | 317 | Average |
| 4 | | 9748.000 | 51.94 | 5.34 | 57.28 | -16.72 | 74.00 | 200 | 216 | Peak |
| 5 | * | 12185.000 | 61.49 | 6.08 | 67.57 | -6.43 | 74.00 | 104 | 311 | Peak |
| 6 | | 12185.000 | 39.79 | 6.08 | 45.87 | -8.13 | 54.00 | 104 | 311 | Average |
| 7 | | 14622.000 | 49.03 | 6.70 | 55.73 | -18.27 | 74.00 | 100 | 249 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

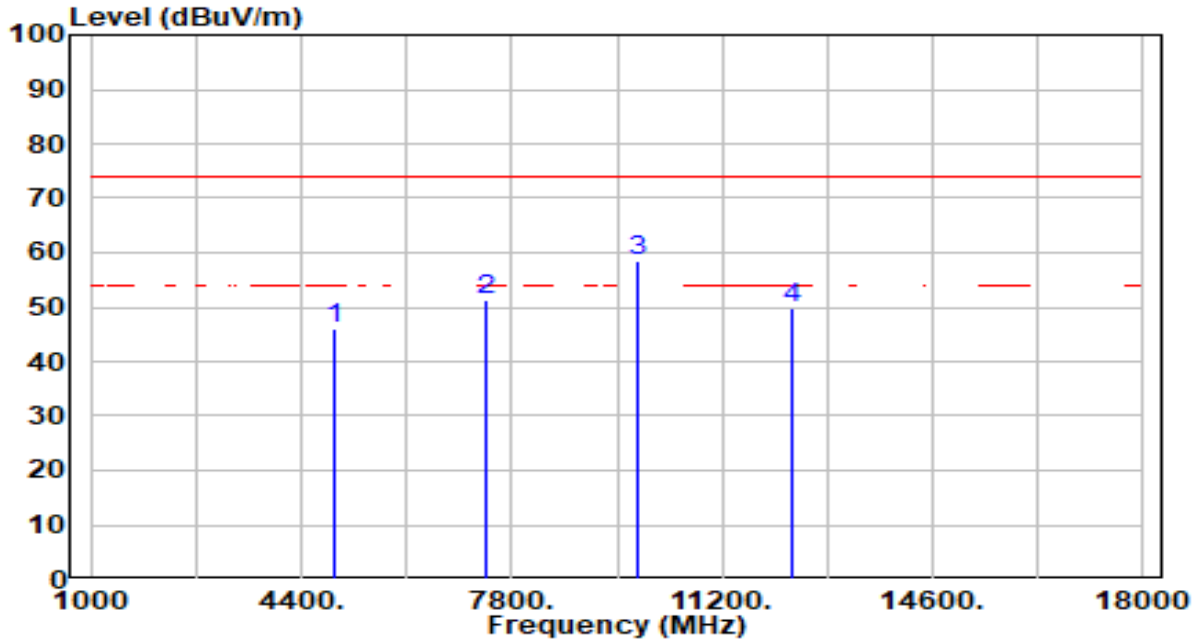



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 45.01 | 0.45 | 45.47 | -28.53 | 74.00 | 300 | 283 | Peak |
| 2 | | 7386.000 | 43.04 | 5.77 | 48.81 | -25.19 | 74.00 | 300 | 189 | Peak |
| 3 | * | 9848.000 | 51.72 | 5.38 | 57.10 | -16.90 | 74.00 | 100 | 83 | Peak |
| 4 | | 12310.000 | 45.03 | 6.23 | 51.26 | -22.74 | 74.00 | 300 | 296 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

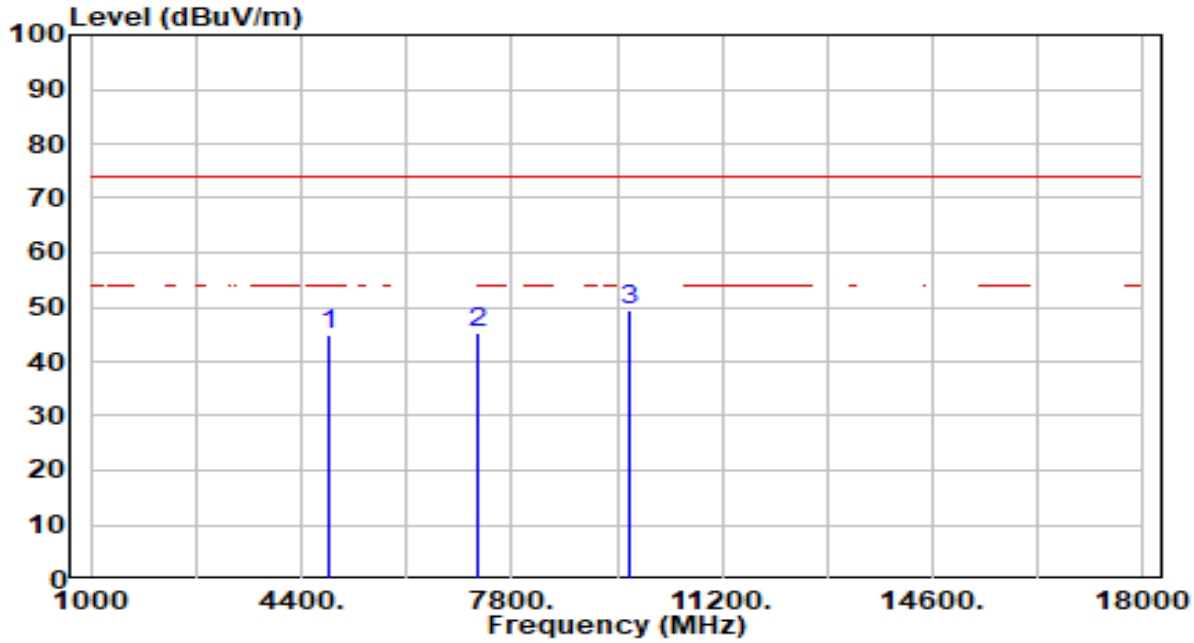



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 45.42 | 0.45 | 45.87 | -28.13 | 74.00 | 200 | 241 | Peak |
| 2 | | 7386.000 | 45.59 | 5.77 | 51.36 | -22.64 | 74.00 | 100 | 320 | Peak |
| 3 | * | 9848.000 | 53.13 | 5.38 | 58.51 | -15.49 | 74.00 | 200 | 220 | Peak |
| 4 | | 12310.000 | 43.64 | 6.23 | 49.87 | -24.13 | 74.00 | 100 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

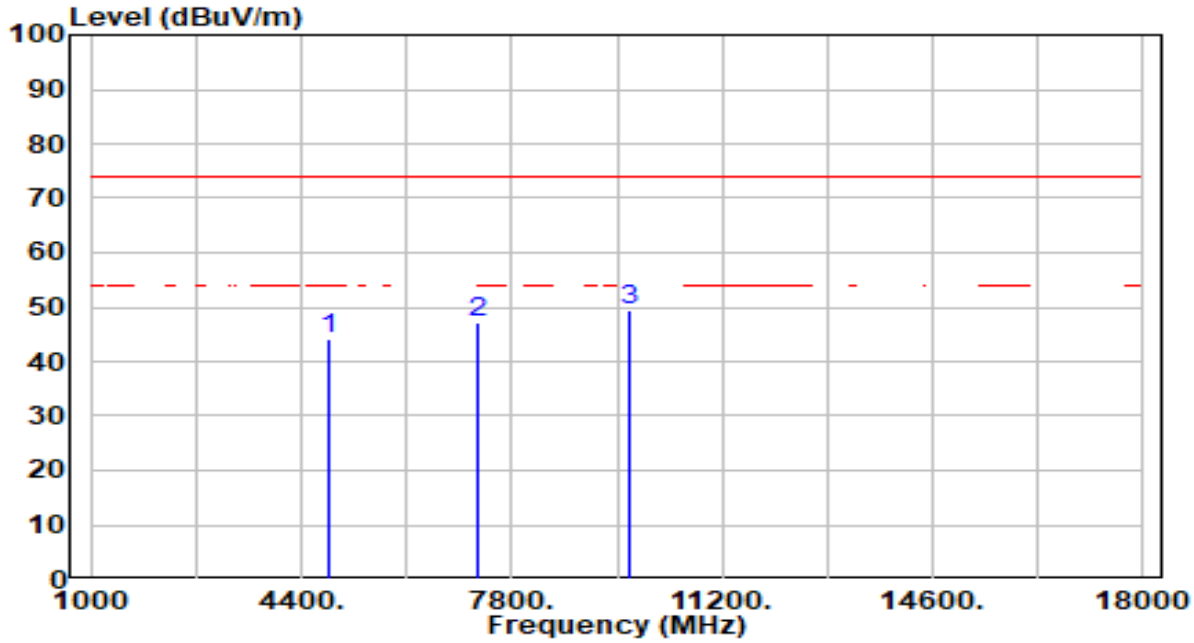



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 44.46 | 0.29 | 44.76 | -29.24 | 74.00 | 300 | 252 | Peak |
| 2 | | 7266.000 | 39.45 | 5.81 | 45.26 | -28.74 | 74.00 | 300 | 304 | Peak |
| 3 | * | 9688.000 | 44.21 | 5.33 | 49.54 | -24.46 | 74.00 | 300 | 283 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

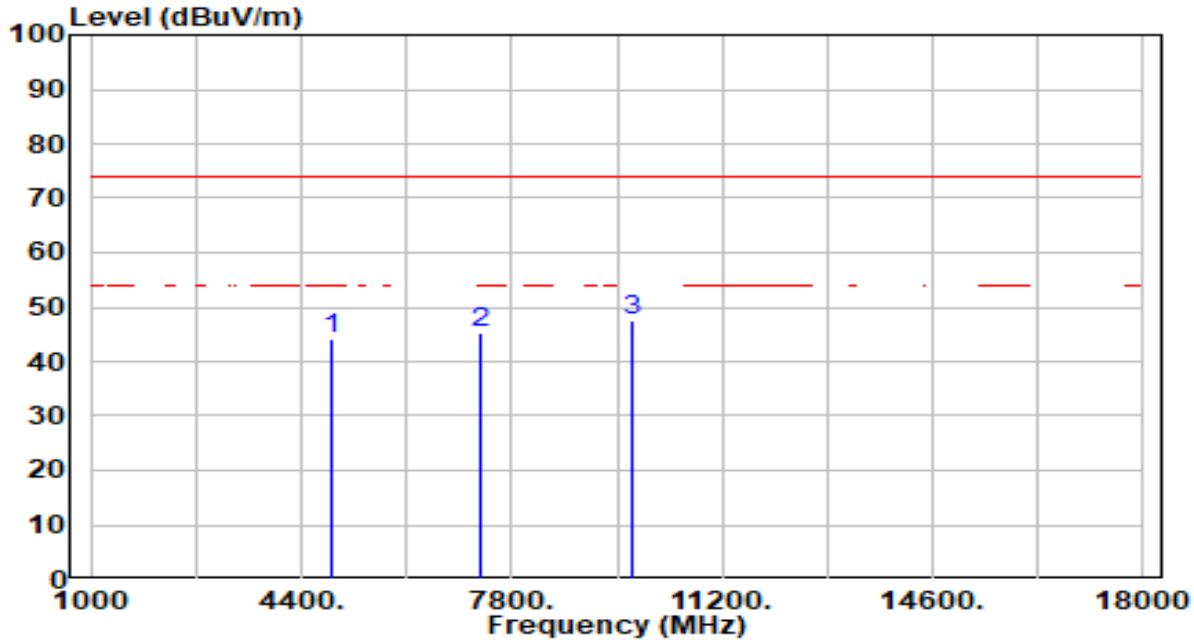



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 43.99 | 0.29 | 44.28 | -29.72 | 74.00 | 100 | 267 | Peak |
| 2 | | 7266.000 | 41.21 | 5.81 | 47.02 | -26.98 | 74.00 | 100 | 312 | Peak |
| 3 | * | 9688.000 | 44.19 | 5.33 | 49.52 | -24.48 | 74.00 | 100 | 249 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

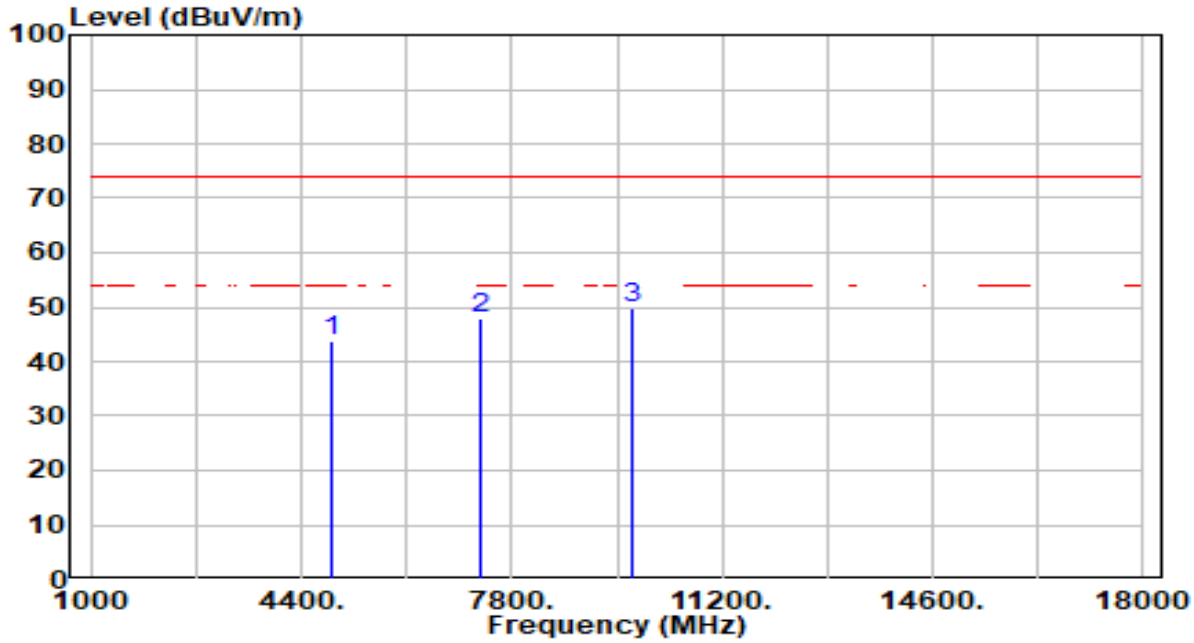



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.66 | 0.35 | 44.02 | -29.98 | 74.00 | 300 | 254 | Peak |
| 2 | | 7311.000 | 39.53 | 5.79 | 45.32 | -28.68 | 74.00 | 300 | 18 | Peak |
| 3 | * | 9748.000 | 42.39 | 5.34 | 47.73 | -26.27 | 74.00 | 300 | 78 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

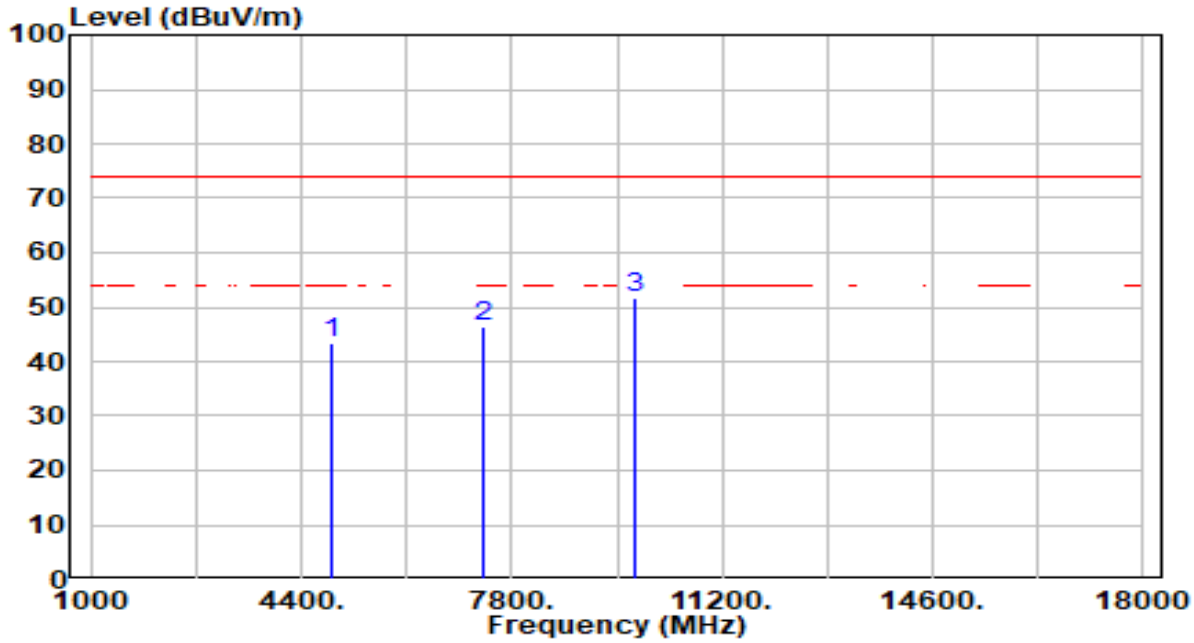



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.49 | 0.35 | 43.84 | -30.16 | 74.00 | 100 | 297 | Peak |
| 2 | | 7311.000 | 42.03 | 5.79 | 47.82 | -26.18 | 74.00 | 100 | 315 | Peak |
| 3 | * | 9748.000 | 44.48 | 5.34 | 49.82 | -24.18 | 74.00 | 100 | 249 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

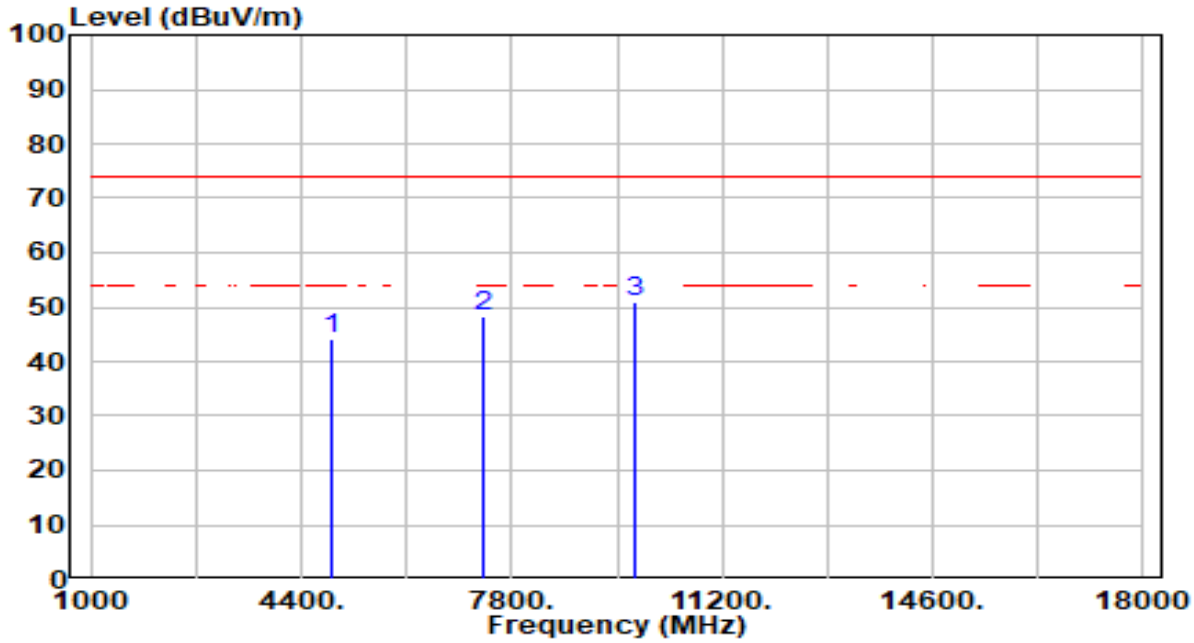



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 42.93 | 0.41 | 43.35 | -30.65 | 74.00 | 300 | 257 | Peak |
| 2 | | 7356.000 | 40.75 | 5.78 | 46.53 | -27.47 | 74.00 | 300 | 266 | Peak |
| 3 | * | 9808.000 | 46.36 | 5.35 | 51.71 | -22.29 | 74.00 | 300 | 117 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

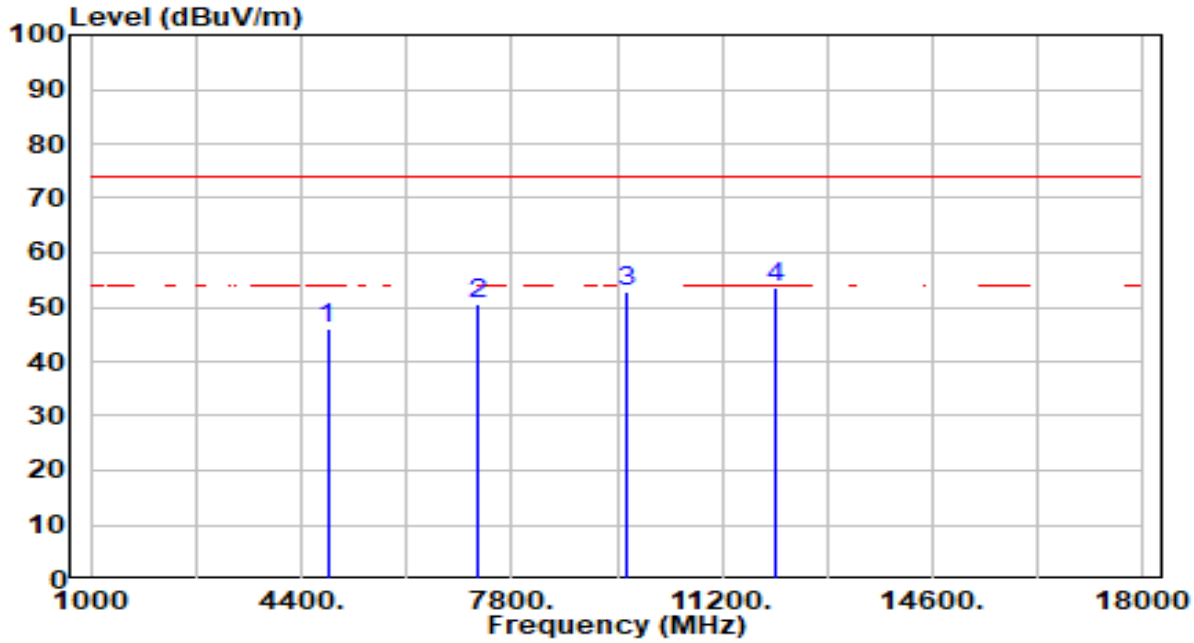



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 43.59 | 0.41 | 44.00 | -30.00 | 74.00 | 100 | 302 | Peak |
| 2 | | 7356.000 | 42.47 | 5.78 | 48.25 | -25.75 | 74.00 | 100 | 320 | Peak |
| 3 | * | 9808.000 | 45.77 | 5.35 | 51.13 | -22.87 | 74.00 | 100 | 65 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

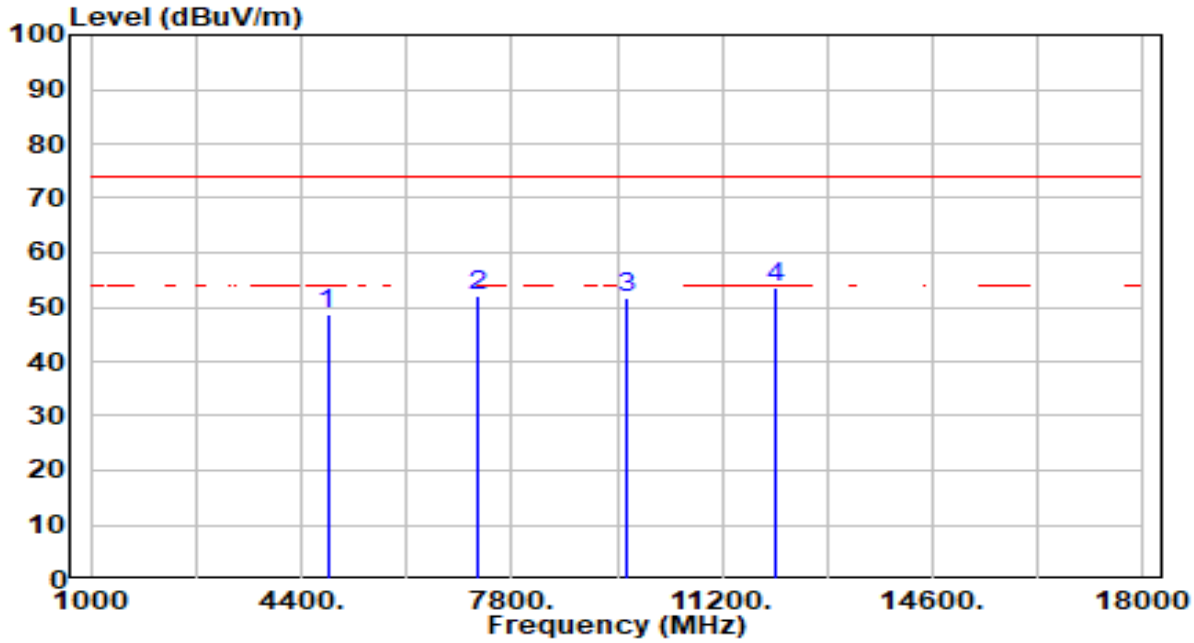



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 45.93 | 0.25 | 46.18 | -27.82 | 74.00 | 300 | 264 | Peak |
| 2 | | 7236.000 | 44.70 | 5.81 | 50.52 | -23.48 | 74.00 | 300 | 269 | Peak |
| 3 | | 9648.000 | 47.69 | 5.32 | 53.01 | -20.99 | 74.00 | 300 | 84 | Peak |
| 4 | * | 12060.000 | 47.48 | 5.99 | 53.47 | -20.53 | 74.00 | 300 | 234 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

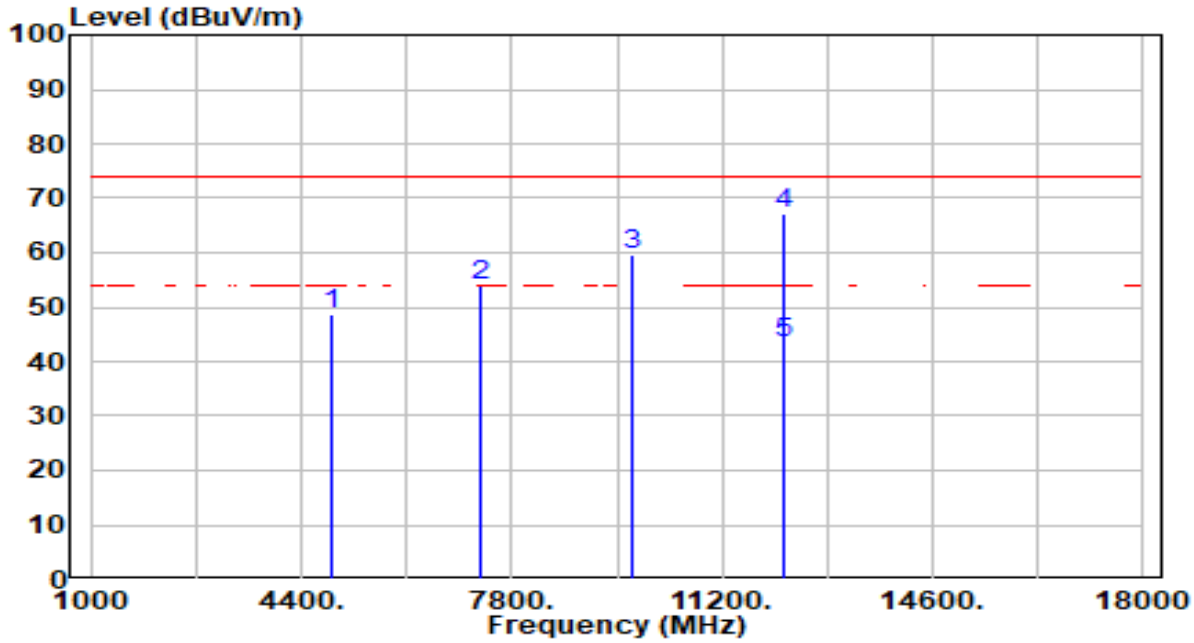



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 48.55 | 0.25 | 48.80 | -25.20 | 74.00 | 100 | 313 | Peak |
| 2 | | 7236.000 | 46.16 | 5.81 | 51.98 | -22.02 | 74.00 | 100 | 230 | Peak |
| 3 | | 9648.000 | 46.55 | 5.32 | 51.87 | -22.13 | 74.00 | 100 | 70 | Peak |
| 4 | * | 12060.000 | 47.59 | 5.99 | 53.58 | -20.42 | 74.00 | 100 | 335 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

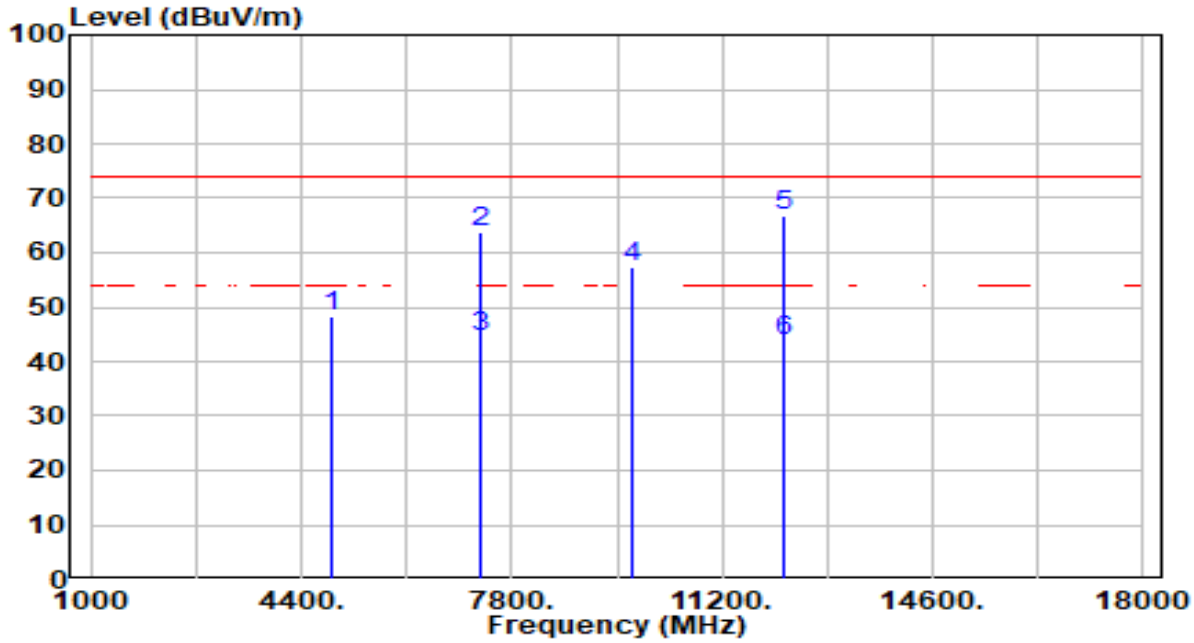



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 48.48 | 0.35 | 48.84 | -25.16 | 74.00 | 300 | 252 | Peak |
| 2 | | 7311.000 | 48.13 | 5.79 | 53.92 | -20.08 | 74.00 | 300 | 177 | Peak |
| 3 | | 9748.000 | 54.26 | 5.34 | 59.60 | -14.40 | 74.00 | 300 | 279 | Peak |
| 4 | * | 12185.000 | 60.97 | 6.08 | 67.05 | -6.95 | 74.00 | 300 | 226 | Peak |
| 5 | * | 12185.000 | 37.17 | 6.08 | 43.25 | -10.75 | 54.00 | 300 | 226 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

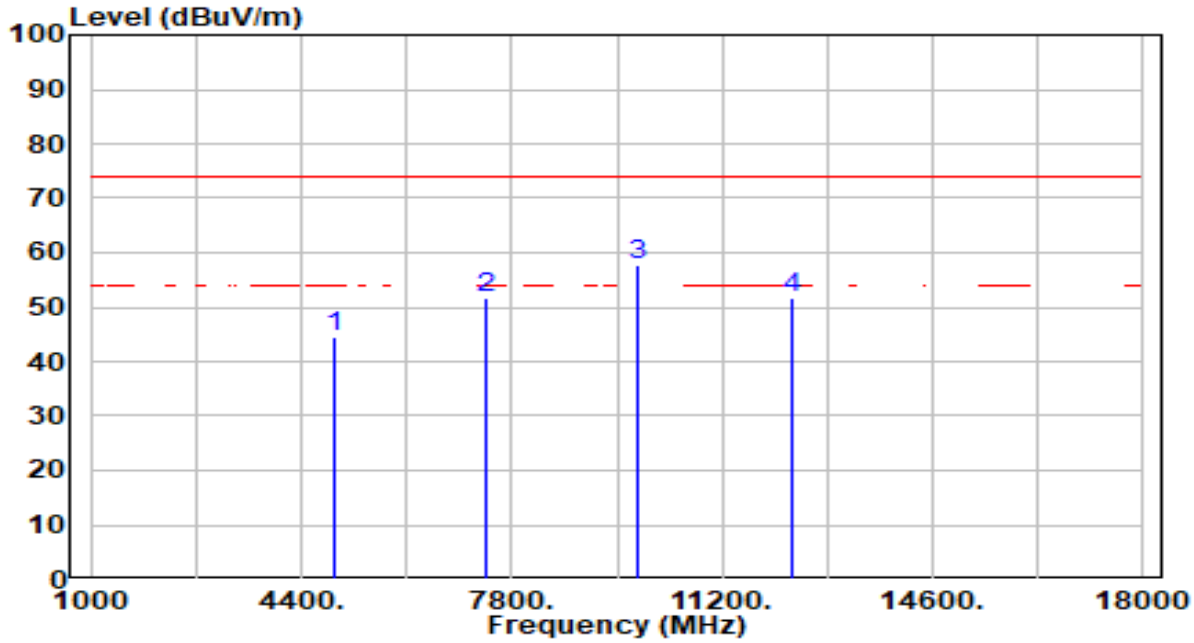



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 47.99 | 0.35 | 48.34 | -25.66 | 74.00 | 100 | 303 | Peak |
| 2 | | 7311.000 | 58.16 | 5.79 | 63.95 | -10.05 | 74.00 | 100 | 316 | Peak |
| 3 | * | 7311.000 | 38.56 | 5.79 | 44.35 | -9.65 | 54.00 | 100 | 316 | Average |
| 4 | | 9748.000 | 51.91 | 5.34 | 57.25 | -16.75 | 74.00 | 100 | 72 | Peak |
| 5 | * | 12185.000 | 60.77 | 6.08 | 66.85 | -7.15 | 74.00 | 100 | 311 | Peak |
| 6 | | 12185.000 | 37.81 | 6.08 | 43.89 | -10.11 | 54.00 | 100 | 311 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

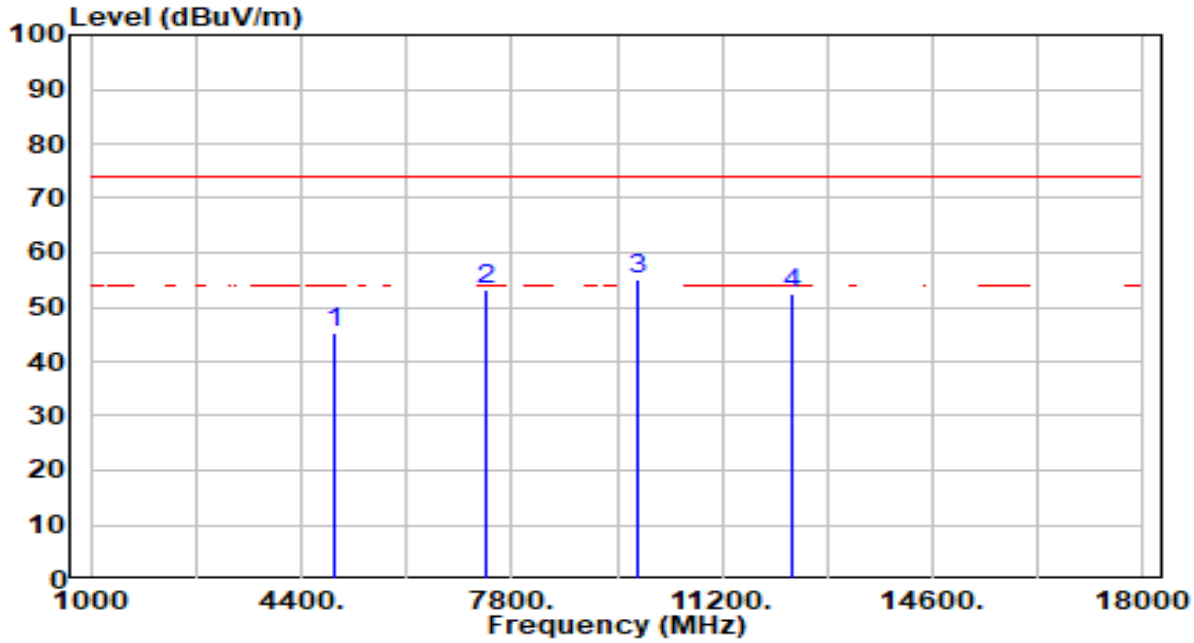



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 44.20 | 0.45 | 44.65 | -29.35 | 74.00 | 300 | 248 | Peak |
| 2 | | 7386.000 | 45.75 | 5.77 | 51.52 | -22.48 | 74.00 | 300 | 263 | Peak |
| 3 | * | 9848.000 | 52.32 | 5.38 | 57.70 | -16.30 | 74.00 | 300 | 98 | Peak |
| 4 | | 12310.000 | 45.36 | 6.23 | 51.59 | -22.41 | 74.00 | 300 | 291 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

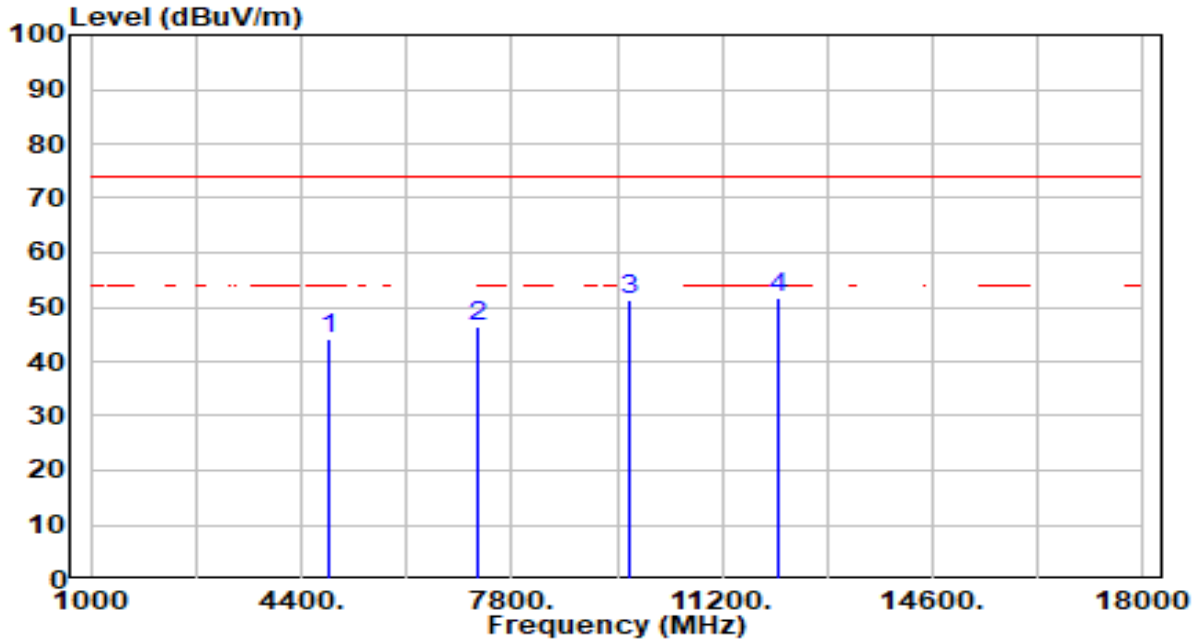



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 44.84 | 0.45 | 45.29 | -28.71 | 74.00 | 100 | 301 | Peak |
| 2 | | 7386.000 | 47.55 | 5.77 | 53.33 | -20.67 | 74.00 | 100 | 313 | Peak |
| 3 | * | 9848.000 | 49.67 | 5.38 | 55.05 | -18.95 | 74.00 | 100 | 92 | Peak |
| 4 | | 12310.000 | 46.06 | 6.23 | 52.29 | -21.71 | 74.00 | 100 | 304 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

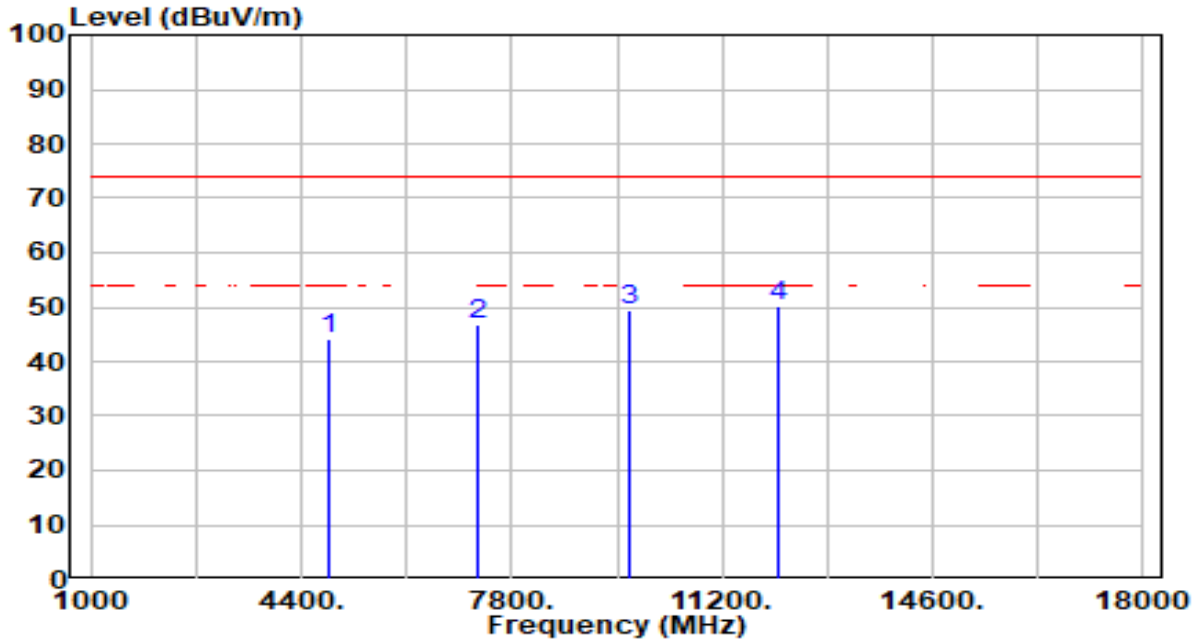



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 43.68 | 0.29 | 43.97 | -30.03 | 74.00 | 300 | 262 | Peak |
| 2 | | 7266.000 | 40.68 | 5.81 | 46.49 | -27.51 | 74.00 | 300 | 274 | Peak |
| 3 | | 9688.000 | 45.80 | 5.33 | 51.13 | -22.87 | 74.00 | 300 | 277 | Peak |
| 4 | * | 12110.000 | 45.82 | 6.02 | 51.84 | -22.16 | 74.00 | 300 | 271 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

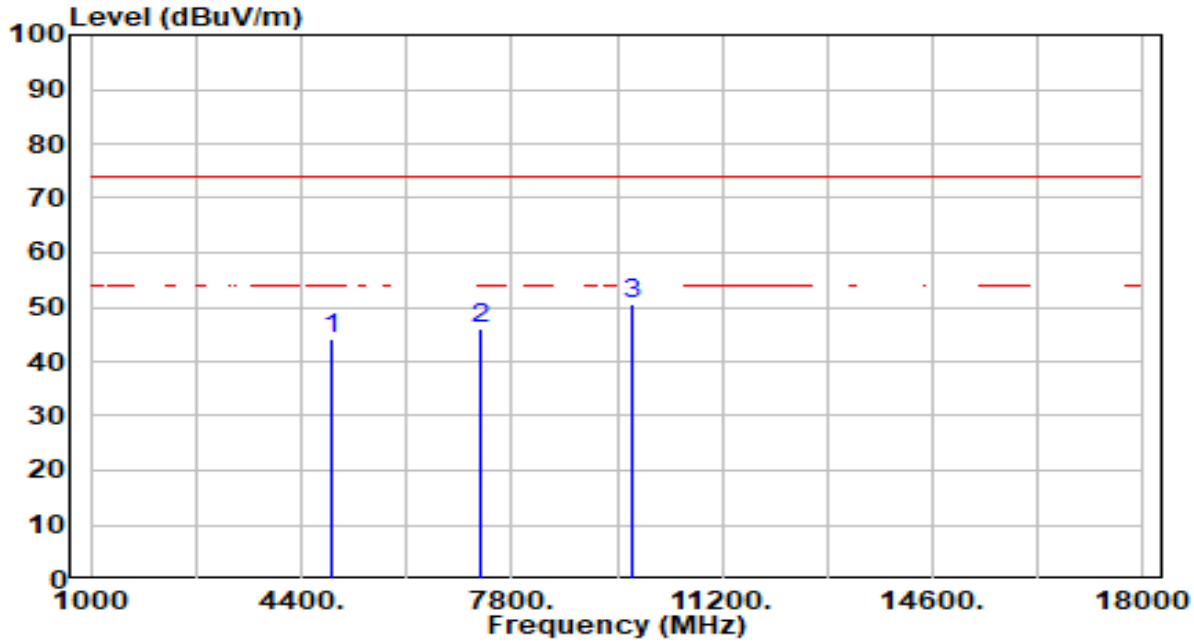



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 43.80 | 0.29 | 44.09 | -29.91 | 74.00 | 100 | 251 | Peak |
| 2 | | 7266.000 | 41.04 | 5.81 | 46.85 | -27.15 | 74.00 | 100 | 309 | Peak |
| 3 | | 9688.000 | 44.08 | 5.33 | 49.41 | -24.59 | 74.00 | 100 | 83 | Peak |
| 4 | * | 12110.000 | 44.22 | 6.02 | 50.24 | -23.76 | 74.00 | 100 | 319 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

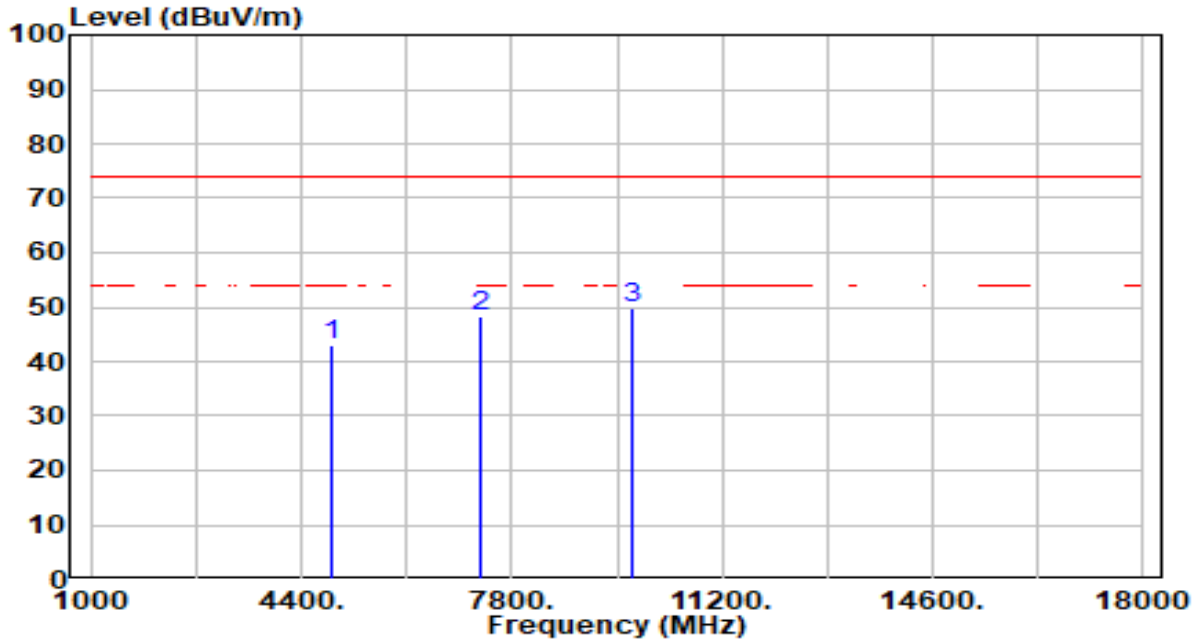



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.64 | 0.35 | 43.99 | -30.01 | 74.00 | 300 | 299 | Peak |
| 2 | | 7311.000 | 40.26 | 5.79 | 46.05 | -27.95 | 74.00 | 300 | 193 | Peak |
| 3 | * | 9748.000 | 45.17 | 5.34 | 50.51 | -23.49 | 74.00 | 300 | 99 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

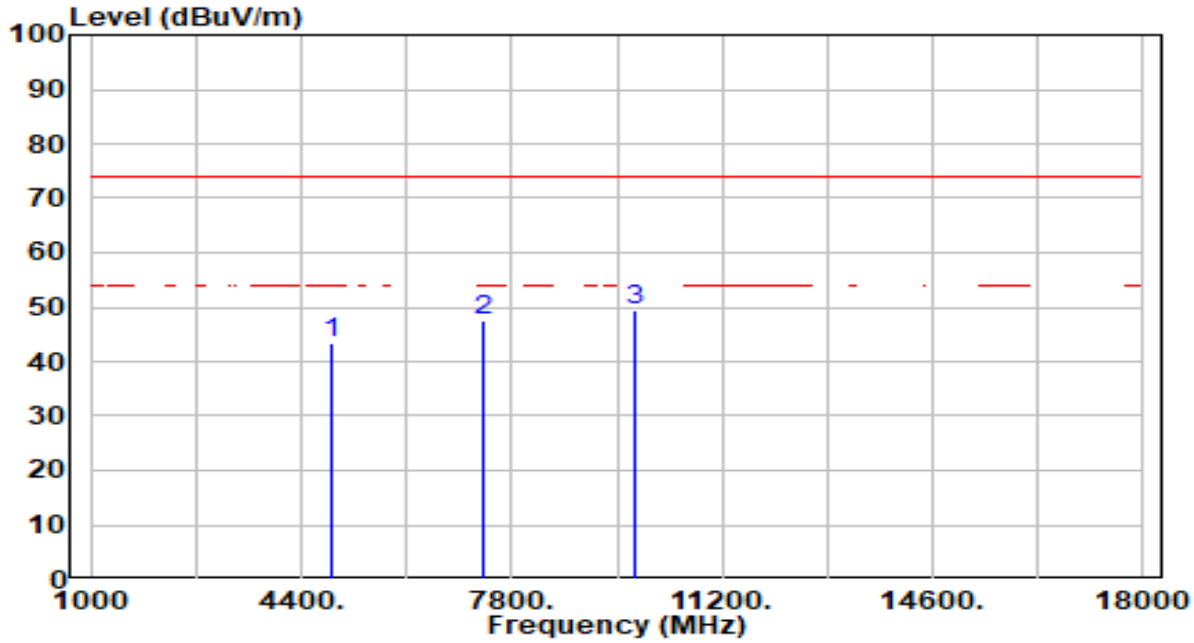



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 42.81 | 0.35 | 43.16 | -30.84 | 74.00 | 100 | 38 | Peak |
| 2 | | 7311.000 | 42.63 | 5.79 | 48.42 | -25.58 | 74.00 | 100 | 226 | Peak |
| 3 | * | 9748.000 | 44.29 | 5.34 | 49.63 | -24.37 | 74.00 | 100 | 80 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

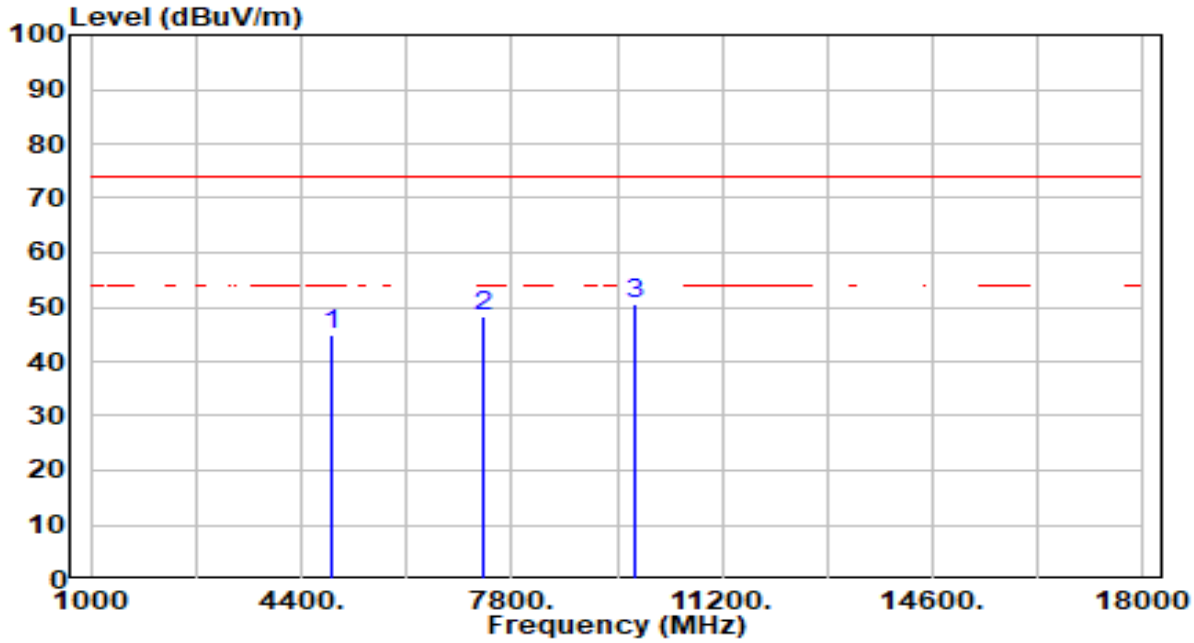



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 42.95 | 0.41 | 43.37 | -30.63 | 74.00 | 300 | 145 | Peak |
| 2 | | 7356.000 | 41.75 | 5.78 | 47.53 | -26.47 | 74.00 | 300 | 360 | Peak |
| 3 | * | 9808.000 | 44.14 | 5.35 | 49.49 | -24.51 | 74.00 | 300 | 85 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | 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 | 44.32 | 0.41 | 44.74 | -29.26 | 74.00 | 100 | 228 | Peak |
| 2 | | 7356.000 | 42.47 | 5.78 | 48.25 | -25.75 | 74.00 | 100 | 316 | Peak |
| 3 | * | 9808.000 | 45.18 | 5.35 | 50.54 | -23.46 | 74.00 | 100 | 87 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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**

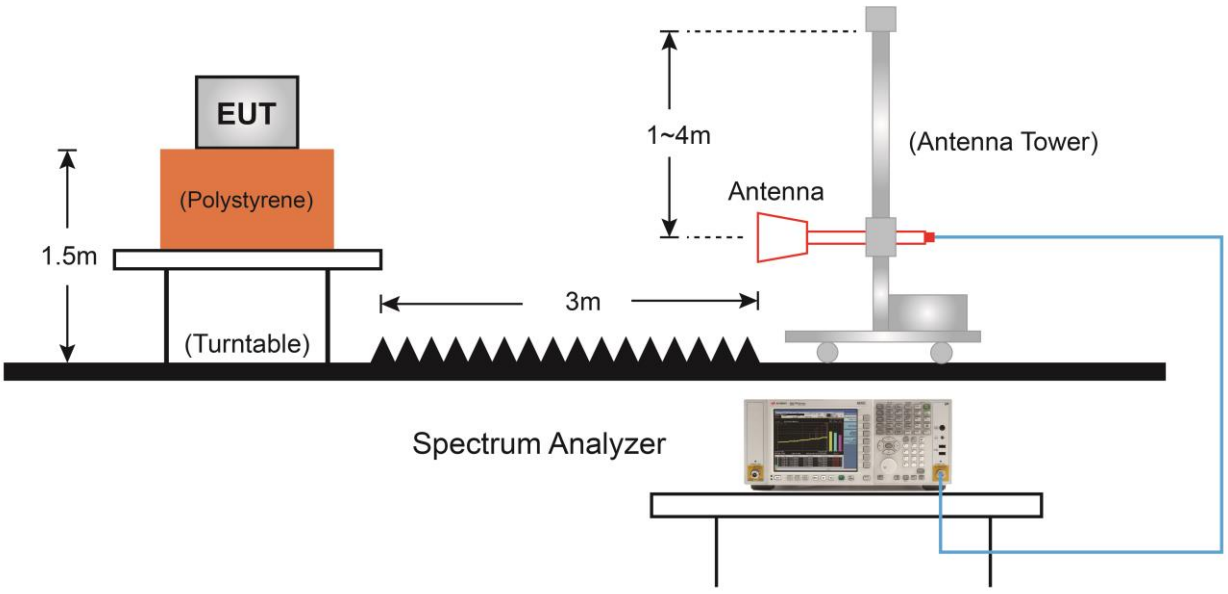
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

**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.

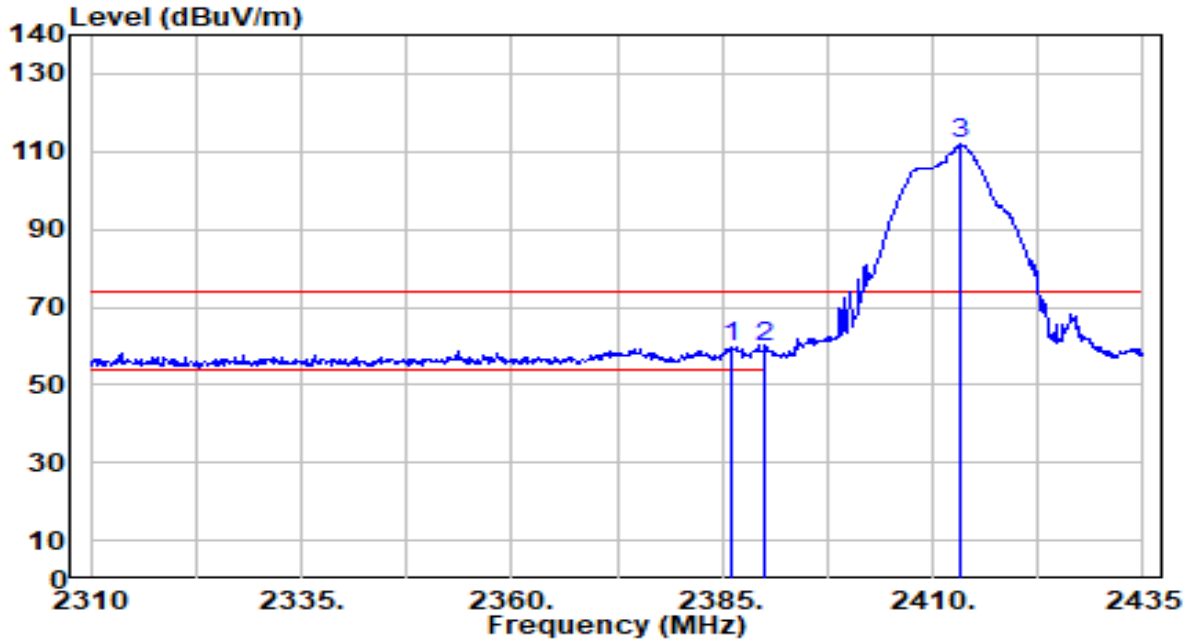
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

### 7.7.4.Test Setup



### 7.7.5.Test Result

| EUT | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

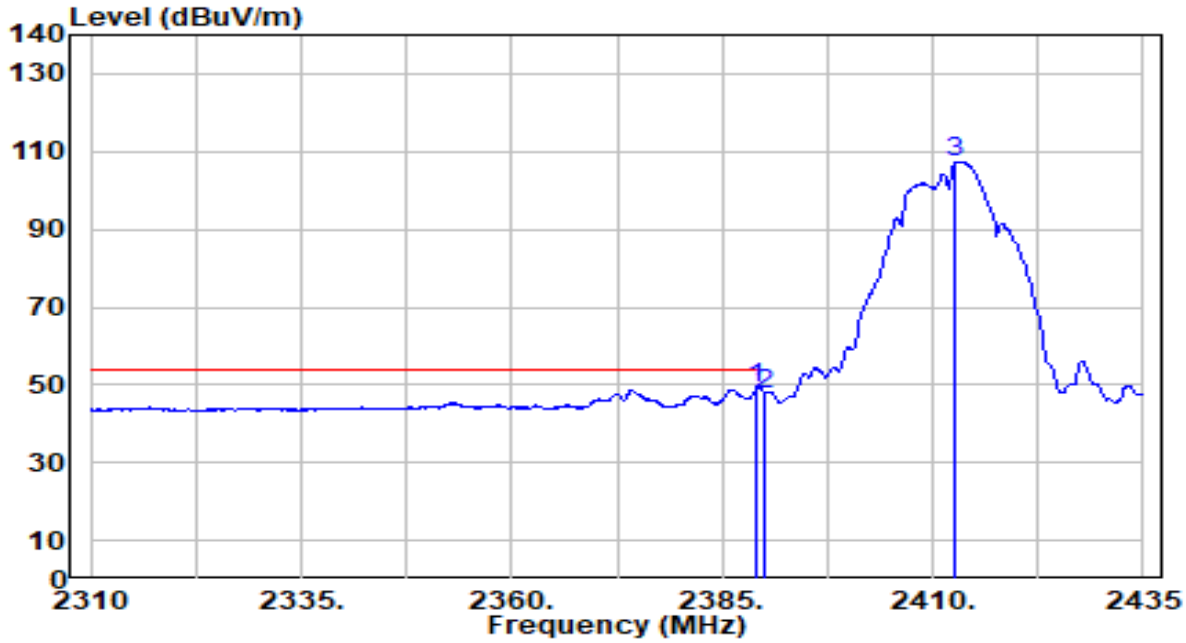



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.125 | 29.01 | 30.61 | 59.62 | -14.38 | 74.00 | 174 | 360 | Peak |
| 2 | | 2390.000 | 28.88 | 30.61 | 59.50 | -14.50 | 74.00 | 174 | 360 | Peak |
| 3 | | 2413.375 | 81.06 | 30.67 | 111.74 | N/A | N/A | 174 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

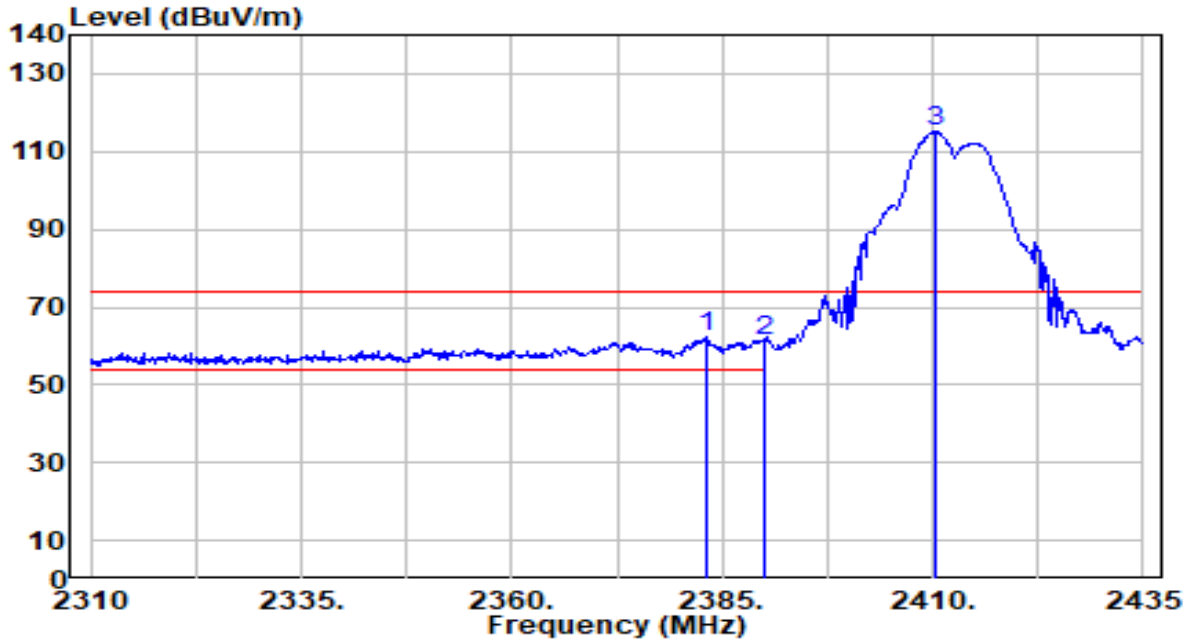



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.000 | 18.33 | 30.61 | 48.94 | -5.06 | 54.00 | 174 | 360 | Average |
| 2 | | 2390.000 | 17.18 | 30.61 | 47.79 | -6.21 | 54.00 | 174 | 360 | Average |
| 3 | | 2412.750 | 76.81 | 30.67 | 107.48 | N/A | N/A | 174 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

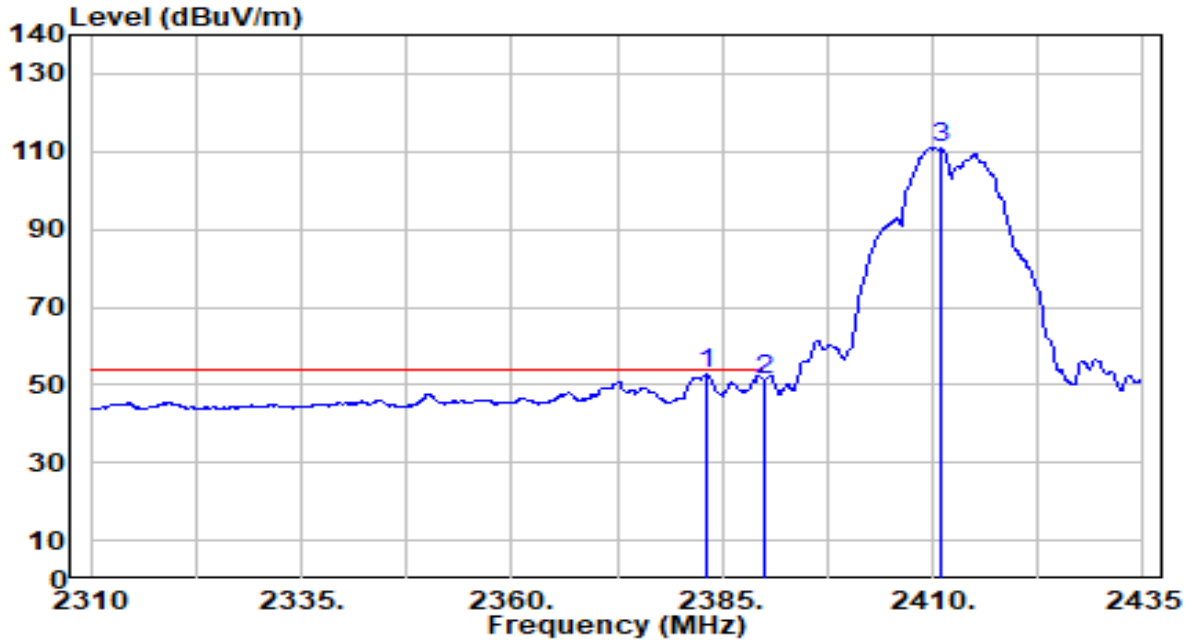



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2383.125 | 31.57 | 30.60 | 62.18 | -11.82 | 74.00 | 201 | 53 | Peak |
| 2 | | 2390.000 | 30.70 | 30.61 | 61.32 | -12.68 | 74.00 | 201 | 53 | Peak |
| 3 | | 2410.375 | 84.43 | 30.66 | 115.10 | N/A | N/A | 201 | 53 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

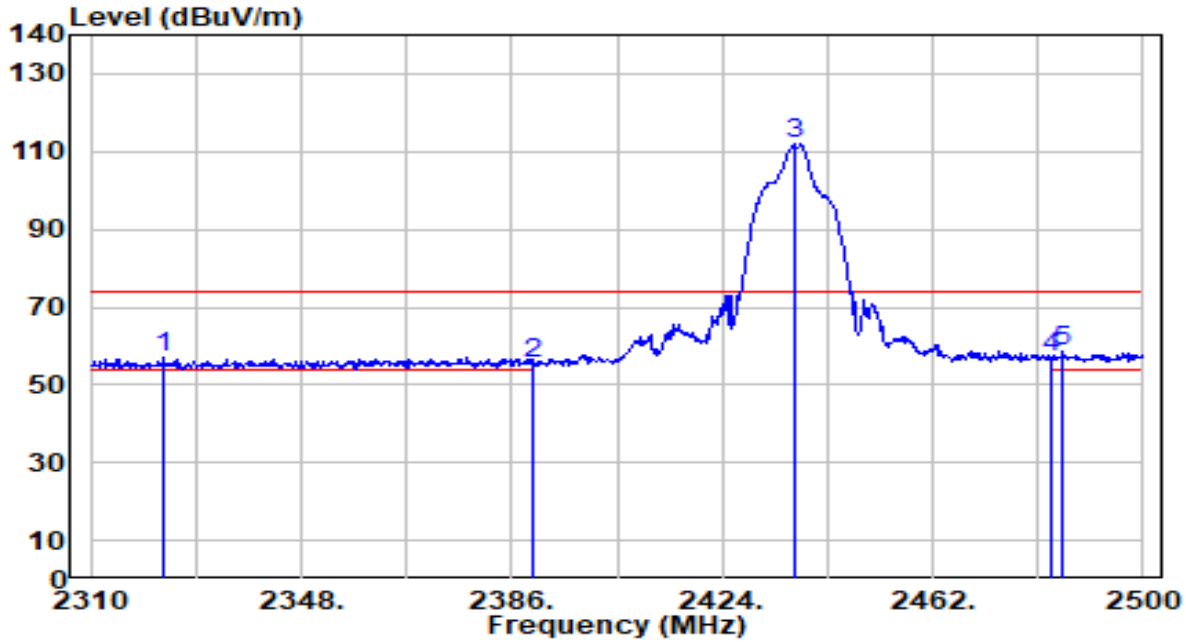



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2383.125 | 22.17 | 30.60 | 52.78 | -1.22 | 54.00 | 201 | 53 | Average |
| 2 | | 2390.000 | 20.58 | 30.61 | 51.19 | -2.81 | 54.00 | 201 | 53 | Average |
| 3 | | 2411.125 | 80.19 | 30.67 | 110.85 | N/A | N/A | 201 | 53 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

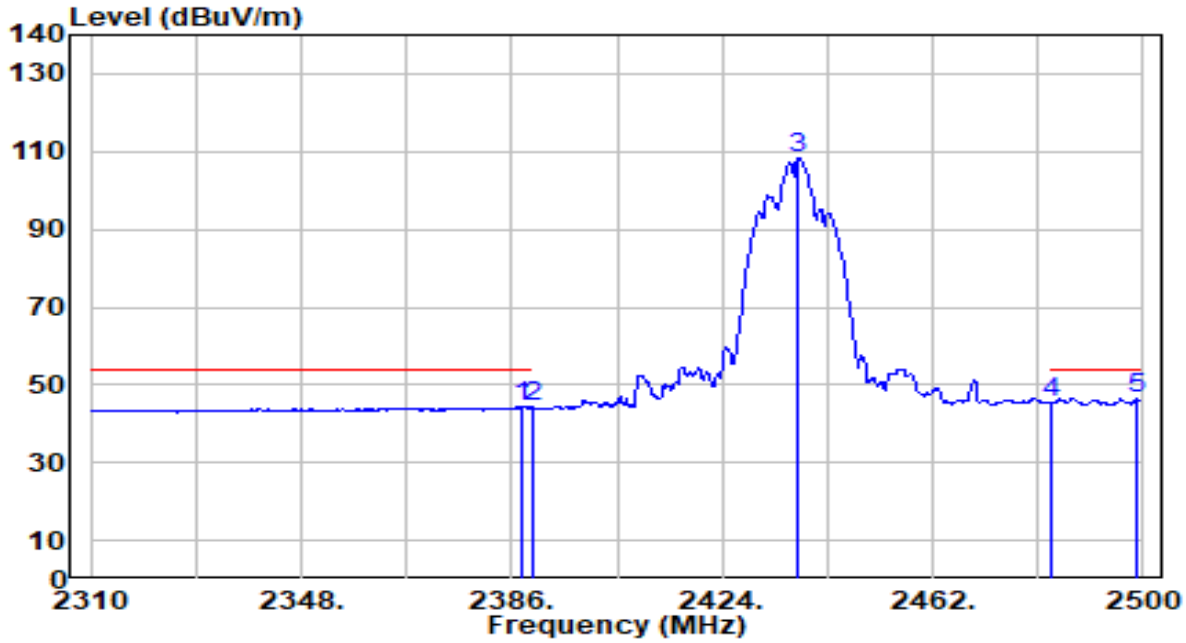



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2323.110 | 26.41 | 30.52 | 56.93 | -17.07 | 74.00 | 155 | 178 | Peak |
| 2 | | 2390.000 | 24.98 | 30.61 | 55.59 | -18.41 | 74.00 | 155 | 178 | Peak |
| 3 | | 2437.110 | 81.15 | 30.75 | 111.90 | N/A | N/A | 155 | 178 | Peak |
| 4 | | 2483.500 | 26.22 | 30.91 | 57.14 | -16.86 | 74.00 | 155 | 178 | Peak |
| 5 | * | 2485.370 | 27.59 | 30.92 | 58.51 | -15.49 | 74.00 | 155 | 178 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

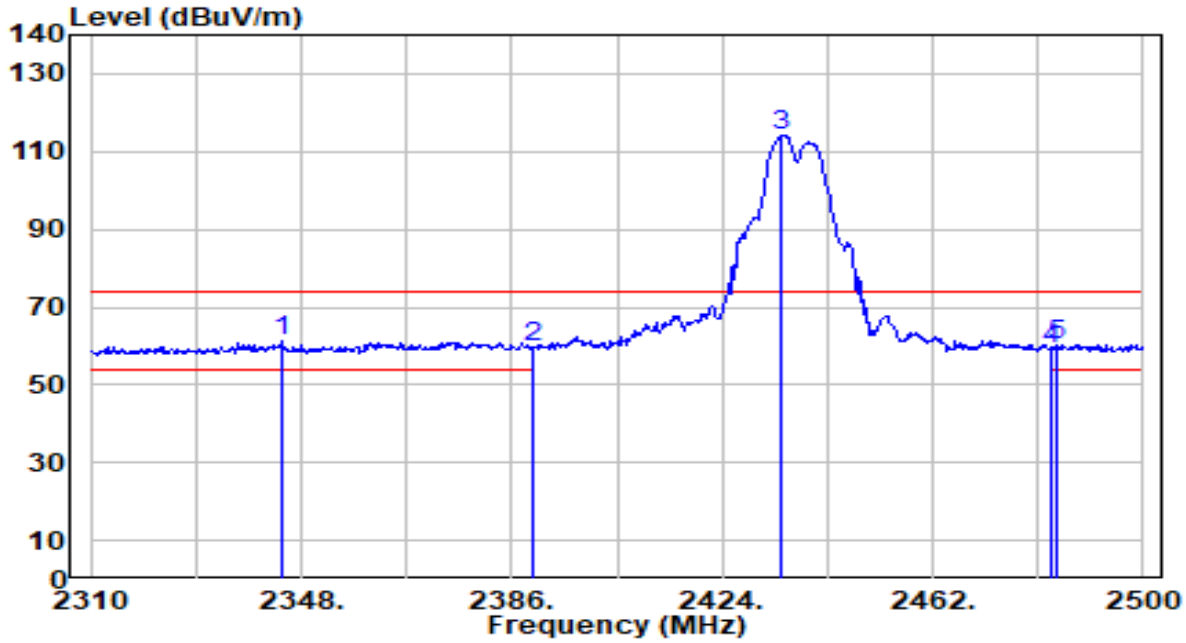



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.710 | 13.64 | 30.61 | 44.25 | -9.75 | 54.00 | 155 | 178 | Average |
| 2 | | 2390.000 | 13.54 | 30.61 | 44.15 | -9.85 | 54.00 | 155 | 178 | Average |
| 3 | | 2437.680 | 77.67 | 30.76 | 108.42 | N/A | N/A | 155 | 178 | Average |
| 4 | | 2483.500 | 14.64 | 30.91 | 45.55 | -8.45 | 54.00 | 155 | 178 | Average |
| 5 | * | 2498.670 | 15.63 | 30.97 | 46.60 | -7.40 | 54.00 | 155 | 178 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

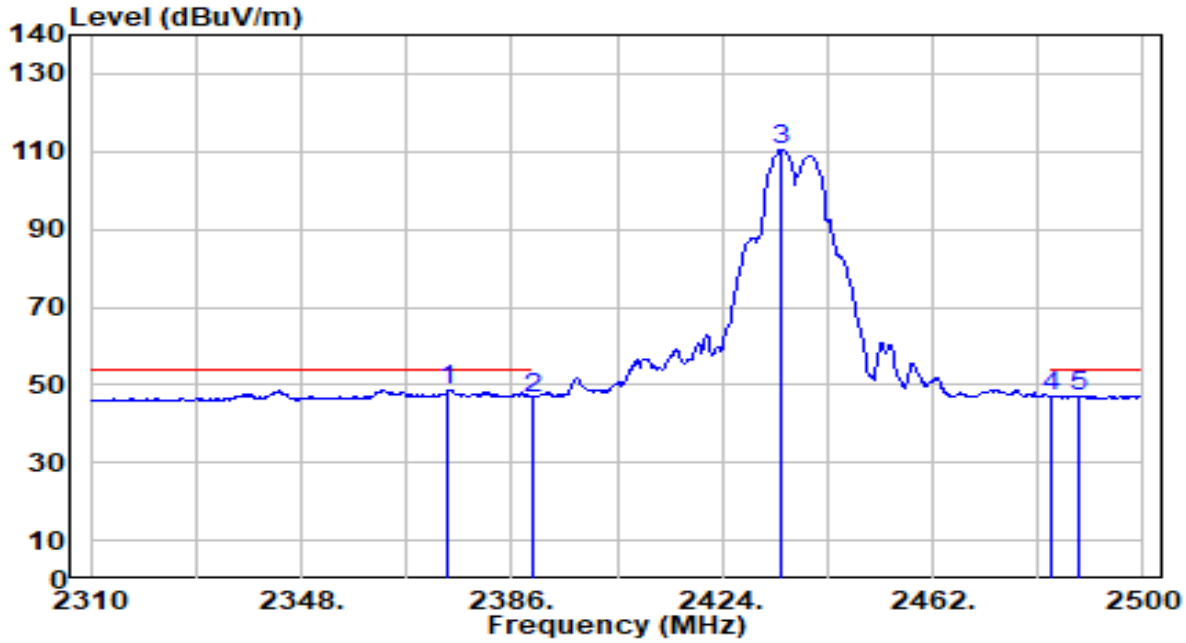



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2344.580 | 30.72 | 30.55 | 61.27 | -12.73 | 74.00 | 202 | 75 | Peak |
| 2 | | 2390.000 | 29.11 | 30.61 | 59.72 | -14.28 | 74.00 | 202 | 75 | Peak |
| 3 | | 2434.830 | 83.47 | 30.75 | 114.22 | N/A | N/A | 202 | 75 | Peak |
| 4 | | 2483.500 | 28.50 | 30.91 | 59.42 | -14.58 | 74.00 | 202 | 75 | Peak |
| 5 | | 2484.230 | 29.54 | 30.92 | 60.45 | -13.55 | 74.00 | 202 | 75 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

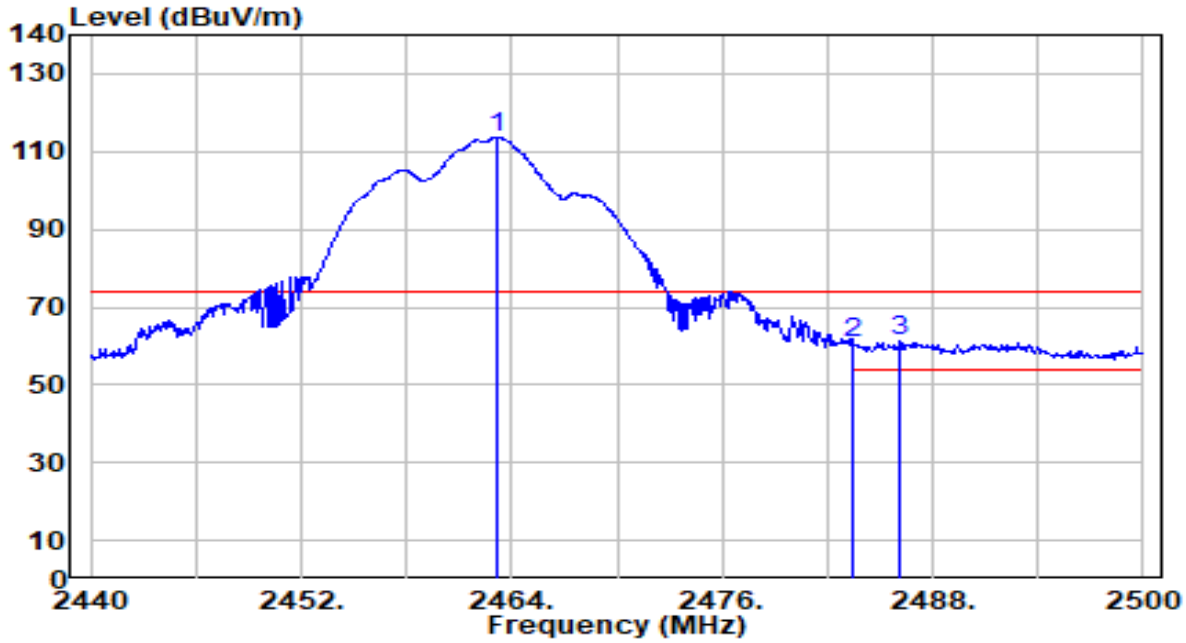



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2374.600 | 18.12 | 30.59 | 48.71 | -5.29 | 54.00 | 202 | 75 | Average |
| 2 | | 2390.000 | 16.10 | 30.61 | 46.71 | -7.29 | 54.00 | 202 | 75 | Average |
| 3 | | 2434.640 | 79.80 | 30.75 | 110.54 | N/A | N/A | 202 | 75 | Average |
| 4 | | 2483.500 | 16.06 | 30.91 | 46.98 | -7.02 | 54.00 | 202 | 75 | Average |
| 5 | | 2488.220 | 16.33 | 30.93 | 47.26 | -6.74 | 54.00 | 202 | 75 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

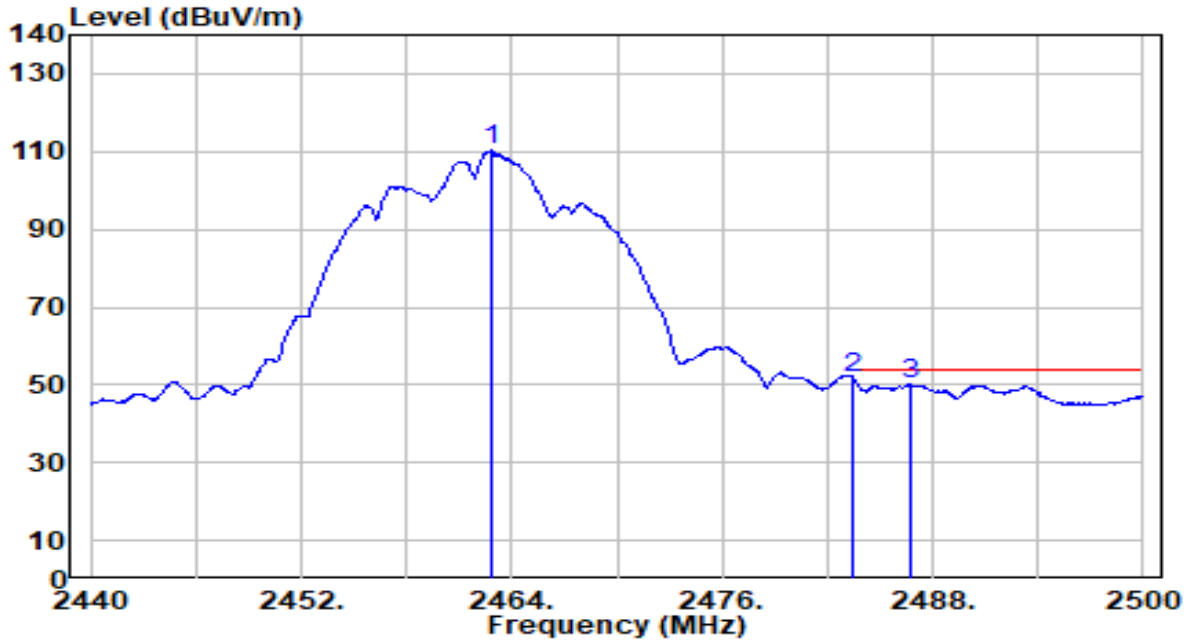



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.100 | 82.78 | 30.84 | 113.62 | N/A | N/A | 100 | 179 | Peak |
| 2 | | 2483.500 | 29.67 | 30.91 | 60.58 | -13.42 | 74.00 | 100 | 179 | Peak |
| 3 | * | 2486.140 | 30.13 | 30.92 | 61.05 | -12.95 | 74.00 | 100 | 179 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

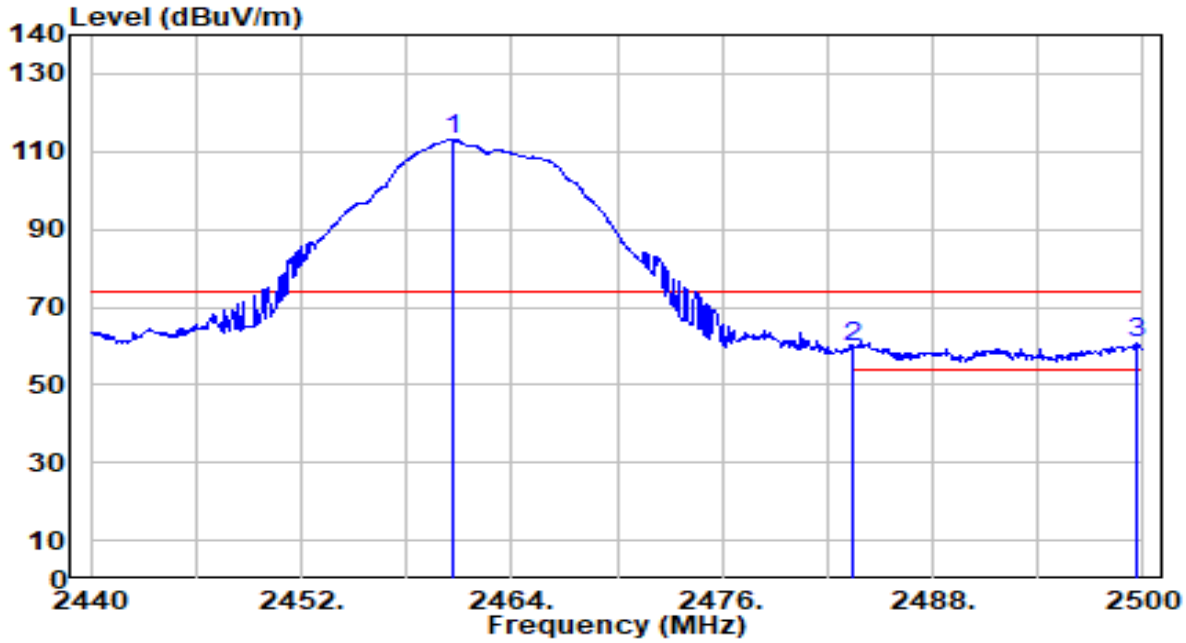



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2462.920 | 79.51 | 30.84 | 110.35 | N/A | N/A | 100 | 179 | Average |
| 2 | * | 2483.500 | 20.63 | 30.91 | 51.54 | -2.46 | 54.00 | 100 | 179 | Average |
| 3 | | 2486.740 | 19.08 | 30.92 | 50.00 | -4.00 | 54.00 | 100 | 179 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

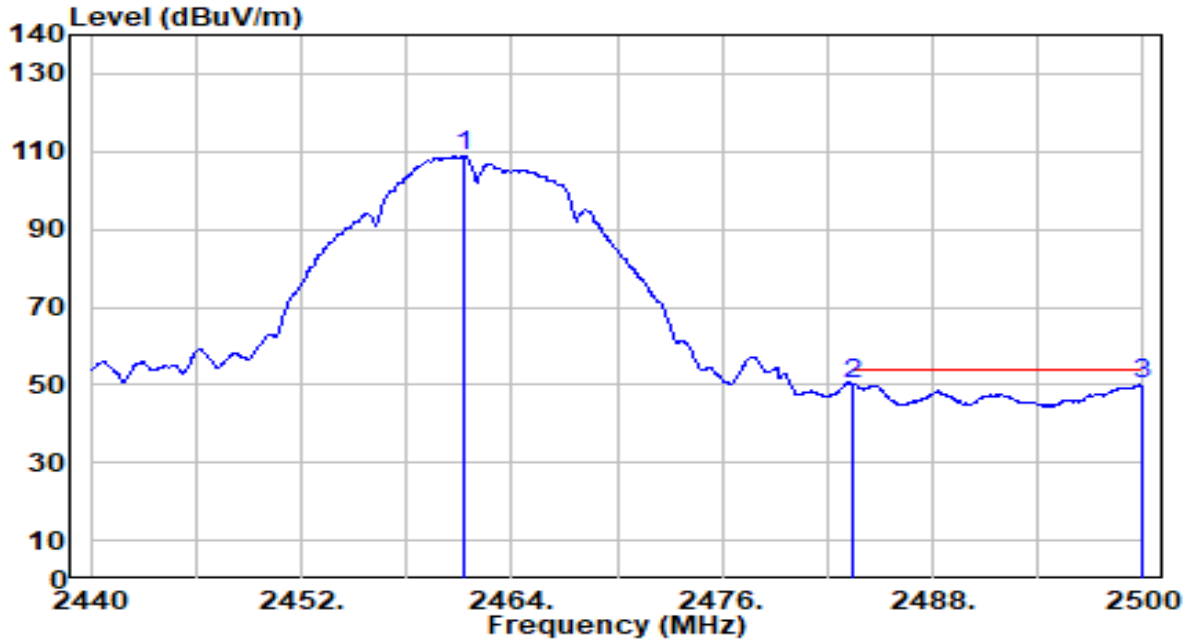



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.640 | 82.22 | 30.84 | 113.05 | N/A | N/A | 202 | 47 | Peak |
| 2 | | 2483.500 | 28.53 | 30.91 | 59.44 | -14.56 | 74.00 | 202 | 47 | Peak |
| 3 | * | 2499.700 | 29.97 | 30.97 | 60.94 | -13.06 | 74.00 | 202 | 47 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

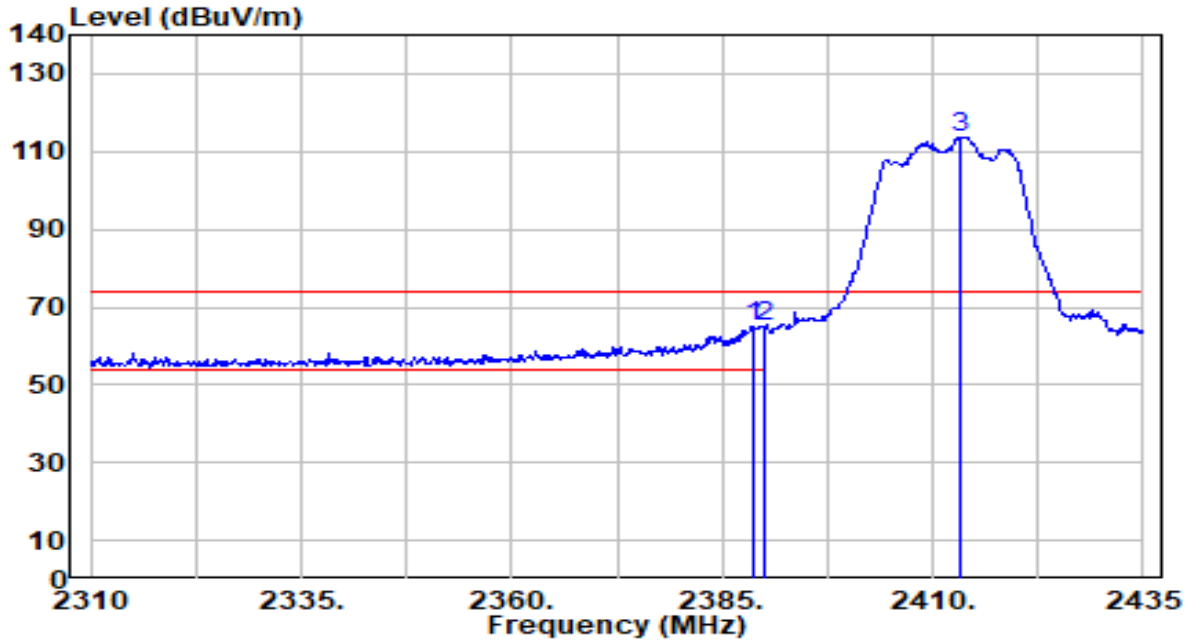



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.240 | 77.91 | 30.84 | 108.75 | N/A | N/A | 202 | 47 | Average |
| 2 | * | 2483.500 | 19.25 | 30.91 | 50.16 | -3.84 | 54.00 | 202 | 47 | Average |
| 3 | | 2500.000 | 19.15 | 30.97 | 50.12 | -3.88 | 54.00 | 202 | 47 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

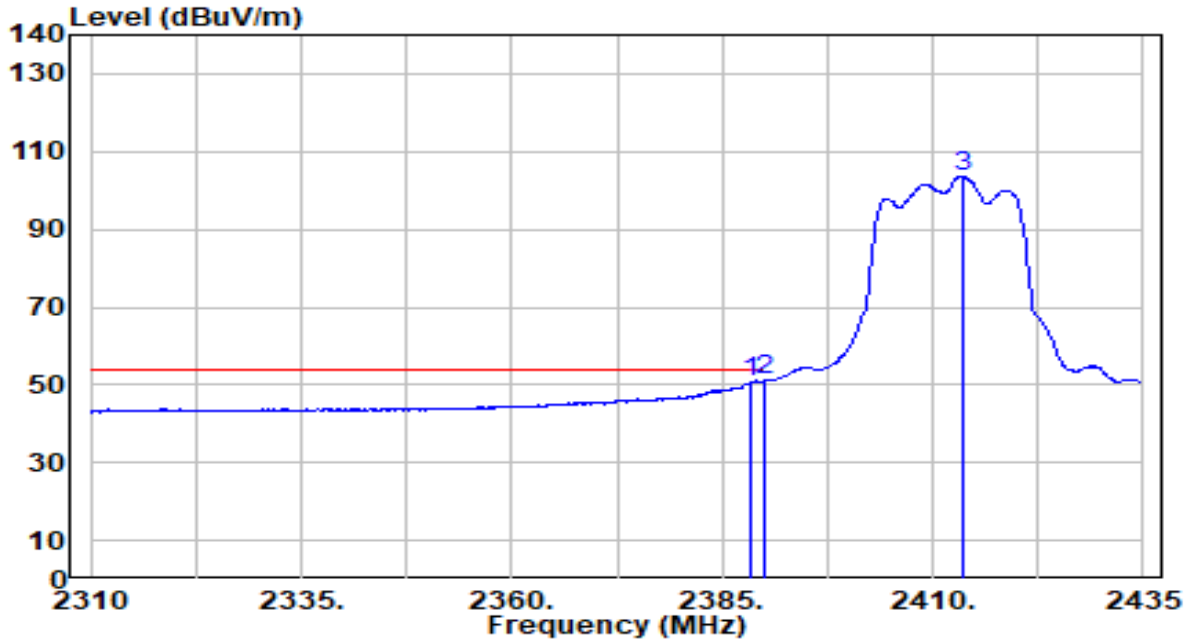



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.750 | 34.51 | 30.61 | 65.12 | -8.88 | 74.00 | 171 | 341 | Peak |
| 2 | | 2390.000 | 34.34 | 30.61 | 64.95 | -9.05 | 74.00 | 171 | 341 | Peak |
| 3 | | 2413.375 | 83.17 | 30.67 | 113.84 | N/A | N/A | 171 | 341 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

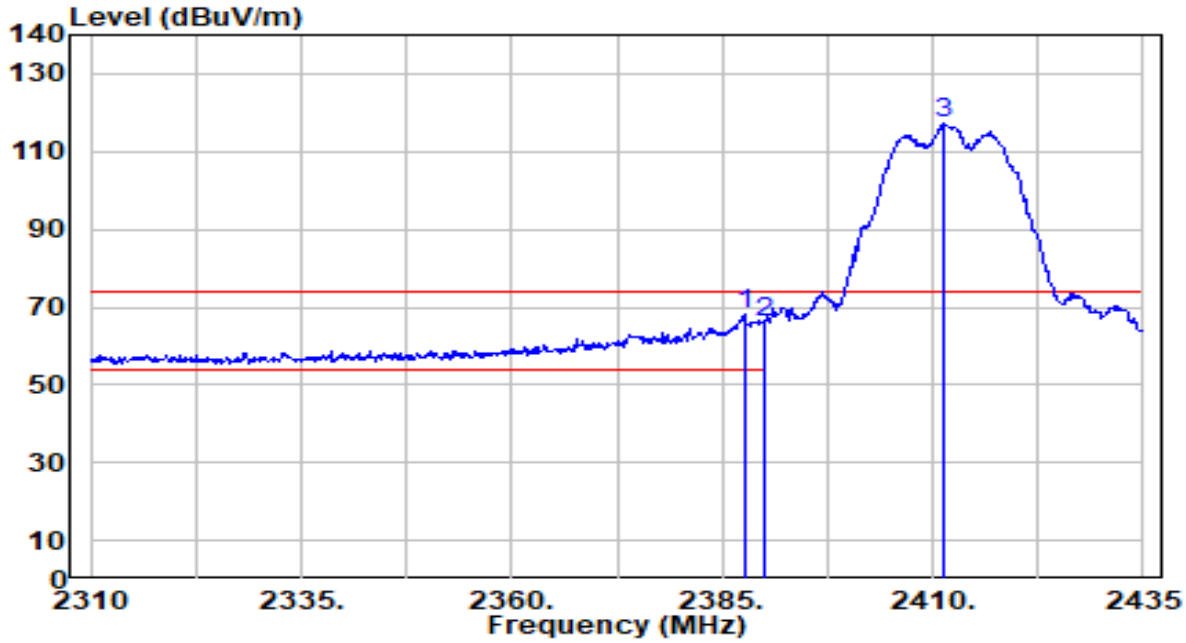



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.250 | 20.22 | 30.61 | 50.83 | -3.17 | 54.00 | 171 | 341 | Average |
| 2 | * | 2390.000 | 20.52 | 30.61 | 51.14 | -2.86 | 54.00 | 171 | 341 | Average |
| 3 | | 2413.500 | 73.05 | 30.67 | 103.73 | N/A | N/A | 171 | 341 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

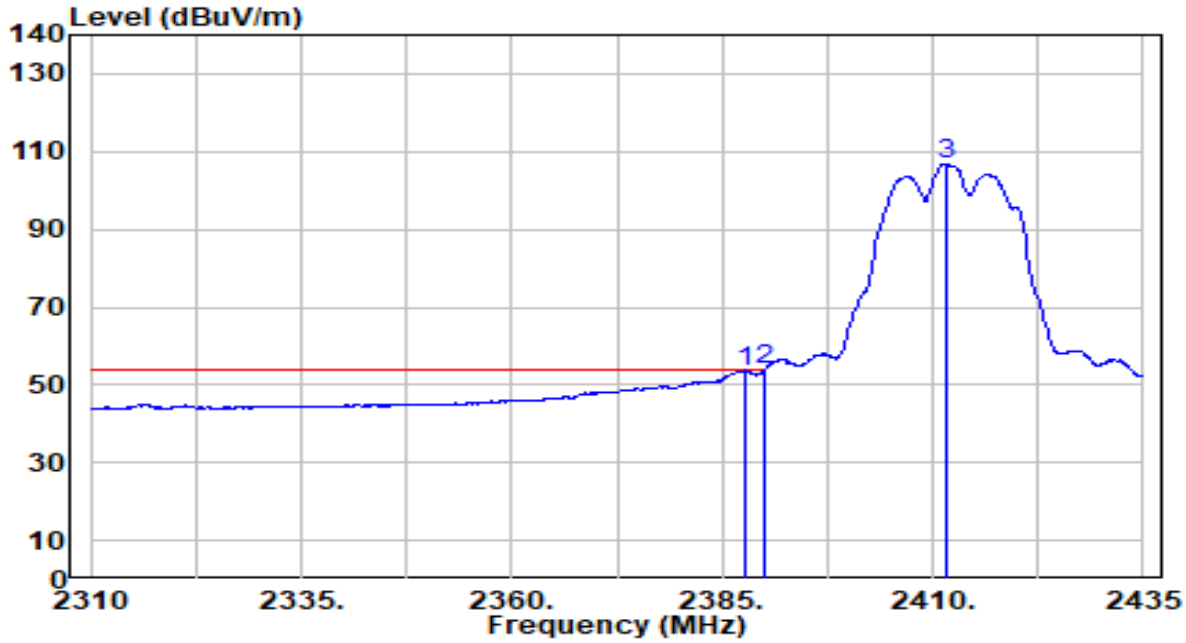



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.625 | 37.56 | 30.61 | 68.17 | -5.83 | 74.00 | 206 | 74 | Peak |
| 2 | | 2390.000 | 35.25 | 30.61 | 65.87 | -8.13 | 74.00 | 206 | 74 | Peak |
| 3 | | 2411.375 | 86.40 | 30.67 | 117.07 | N/A | N/A | 206 | 74 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

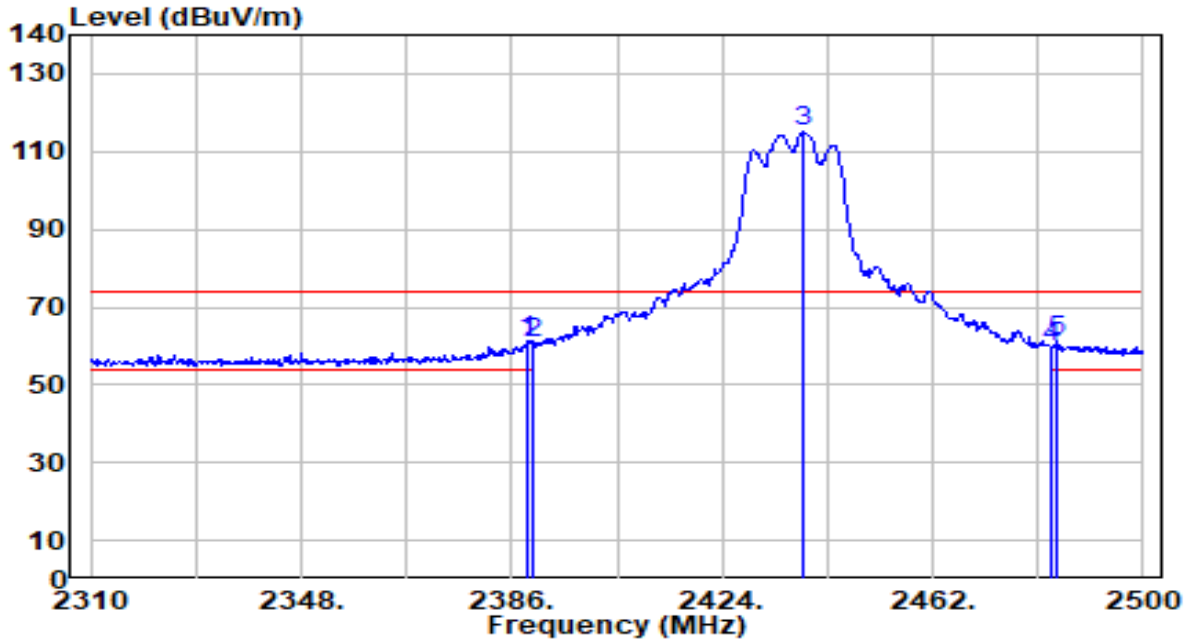



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.750 | 22.98 | 30.61 | 53.59 | -0.41 | 54.00 | 206 | 74 | Average |
| 2 | * | 2390.000 | 23.27 | 30.61 | 53.88 | -0.12 | 54.00 | 206 | 74 | Average |
| 3 | | 2411.500 | 76.25 | 30.67 | 106.91 | N/A | N/A | 206 | 74 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

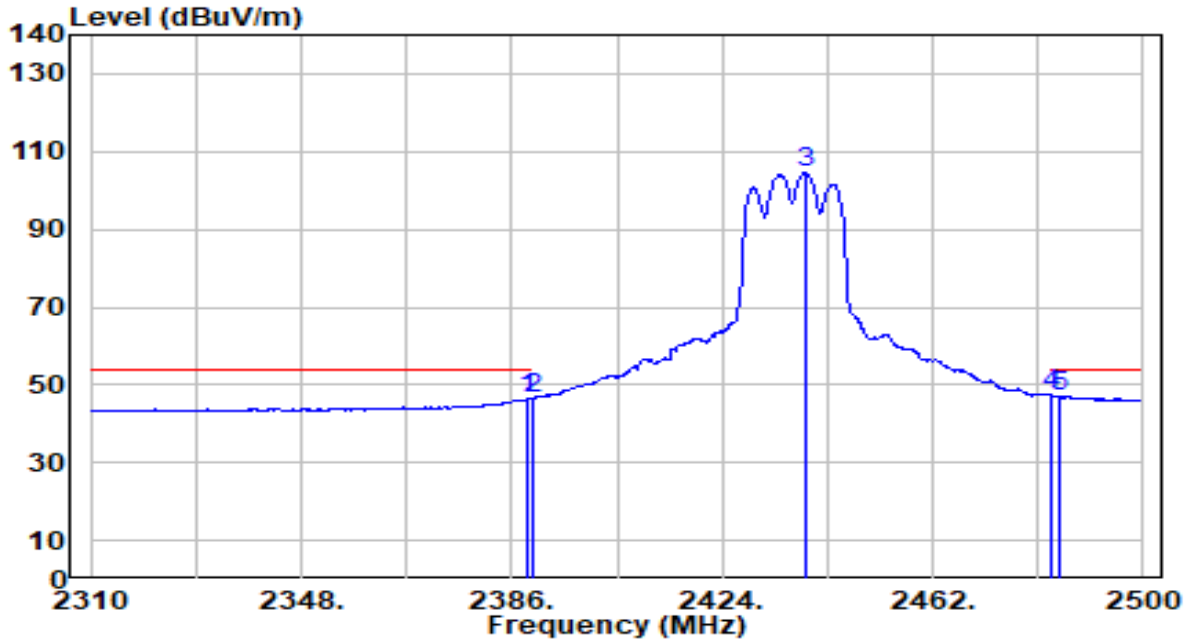



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.660 | 30.90 | 30.61 | 61.51 | -12.49 | 74.00 | 155 | 178 | Peak |
| 2 | | 2390.000 | 29.95 | 30.61 | 60.56 | -13.44 | 74.00 | 155 | 178 | Peak |
| 3 | | 2438.820 | 84.26 | 30.76 | 115.02 | N/A | N/A | 155 | 178 | Peak |
| 4 | | 2483.500 | 28.74 | 30.91 | 59.65 | -14.35 | 74.00 | 155 | 178 | Peak |
| 5 | | 2484.230 | 30.20 | 30.92 | 61.12 | -12.88 | 74.00 | 155 | 178 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

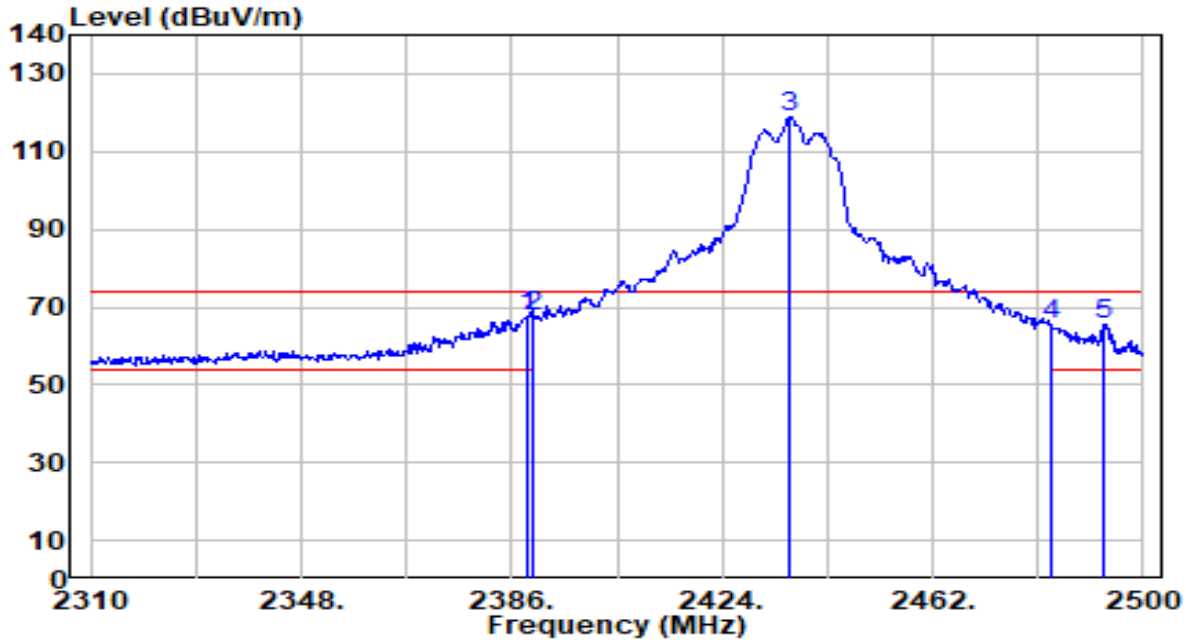



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 15.80 | 30.61 | 46.41 | -7.59 | 54.00 | 155 | 178 | Average |
| 2 | | 2390.000 | 15.66 | 30.61 | 46.28 | -7.72 | 54.00 | 155 | 178 | Average |
| 3 | | 2439.010 | 73.67 | 30.76 | 104.44 | N/A | N/A | 155 | 178 | Average |
| 4 | * | 2483.500 | 16.44 | 30.91 | 47.35 | -6.65 | 54.00 | 155 | 178 | Average |
| 5 | | 2484.990 | 16.19 | 30.92 | 47.10 | -6.90 | 54.00 | 155 | 178 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

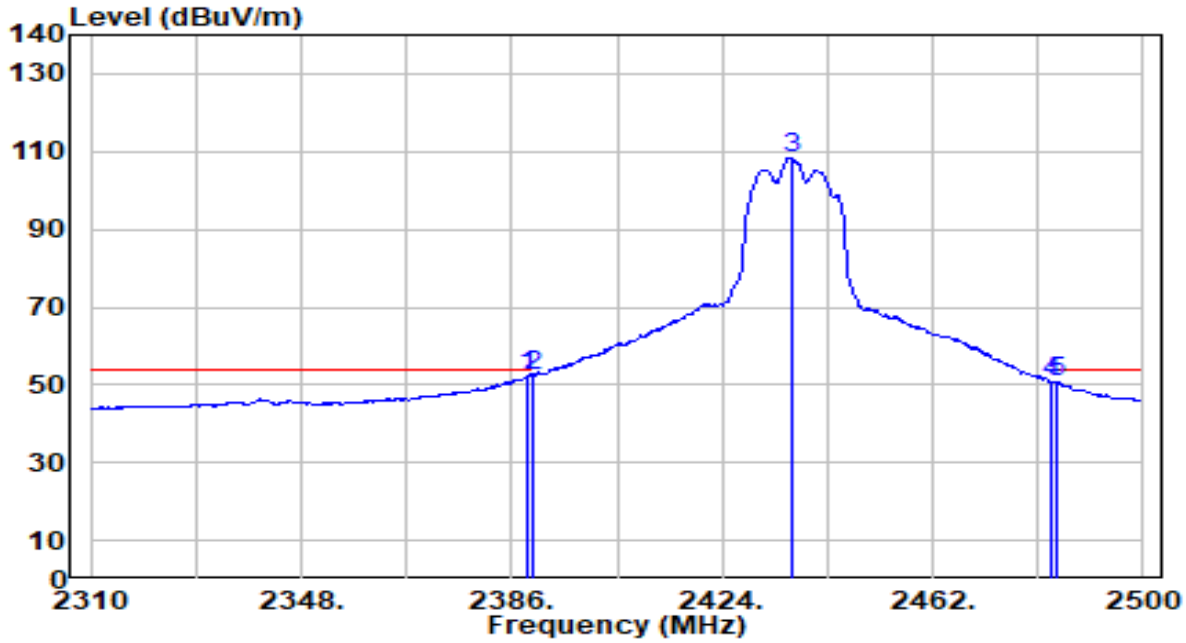



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 37.15 | 30.61 | 67.76 | -6.24 | 74.00 | 215 | 68 | Peak |
| 2 | * | 2390.000 | 37.15 | 30.61 | 67.76 | -6.24 | 74.00 | 215 | 68 | Peak |
| 3 | | 2436.350 | 88.03 | 30.75 | 118.79 | N/A | N/A | 215 | 68 | Peak |
| 4 | | 2483.500 | 34.49 | 30.91 | 65.41 | -8.59 | 74.00 | 215 | 68 | Peak |
| 5 | | 2492.970 | 34.50 | 30.95 | 65.44 | -8.56 | 74.00 | 215 | 68 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

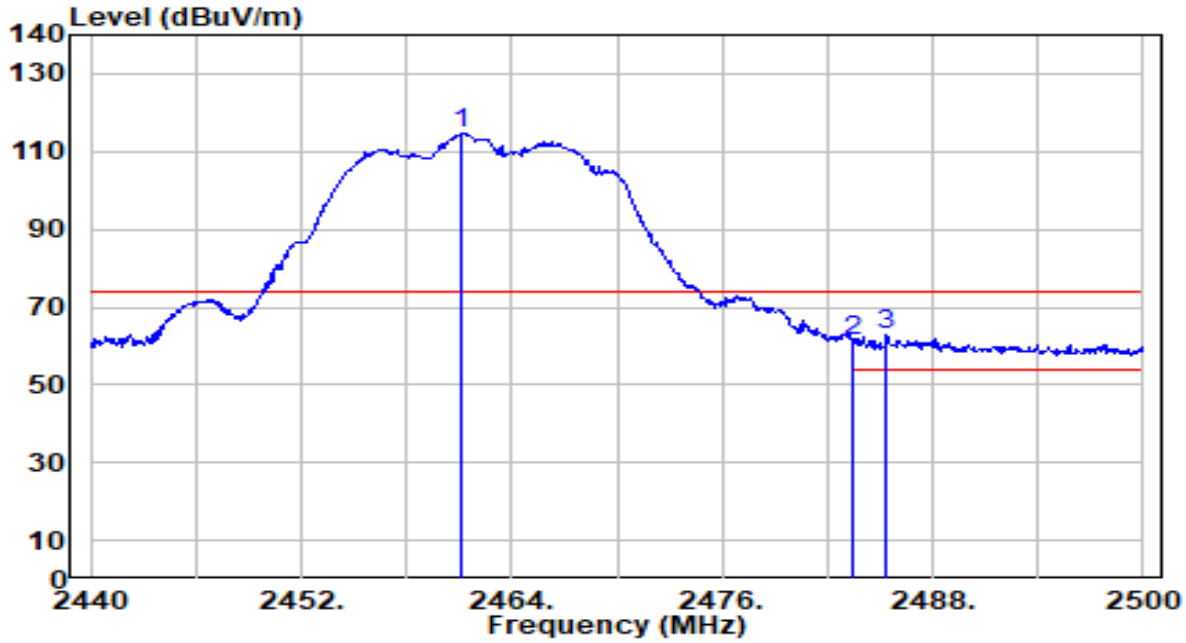



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.040 | 21.70 | 30.61 | 52.31 | -1.69 | 54.00 | 215 | 68 | Average |
| 2 | * | 2390.000 | 21.81 | 30.61 | 52.43 | -1.57 | 54.00 | 215 | 68 | Average |
| 3 | | 2436.540 | 77.74 | 30.75 | 108.49 | N/A | N/A | 215 | 68 | Average |
| 4 | | 2483.500 | 19.81 | 30.91 | 50.72 | -3.28 | 54.00 | 215 | 68 | Average |
| 5 | | 2484.420 | 19.74 | 30.92 | 50.66 | -3.34 | 54.00 | 215 | 68 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

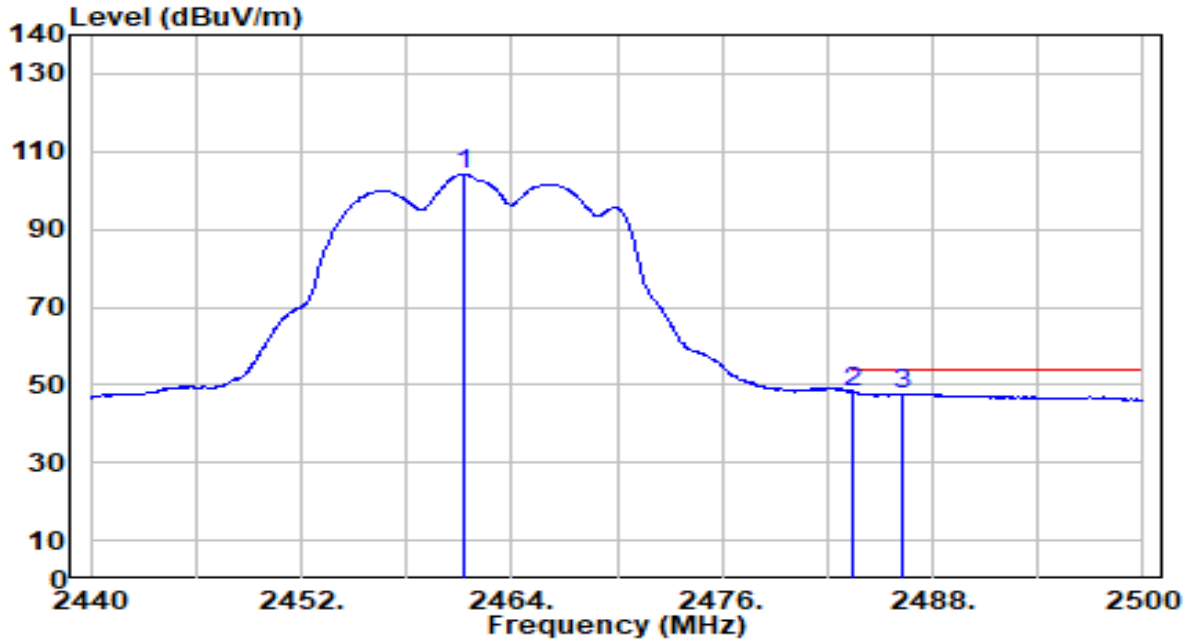



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.180 | 83.72 | 30.84 | 114.56 | N/A | N/A | 100 | 176 | Peak |
| 2 | | 2483.500 | 30.40 | 30.91 | 61.31 | -12.69 | 74.00 | 100 | 176 | Peak |
| 3 | * | 2485.360 | 32.03 | 30.92 | 62.95 | -11.05 | 74.00 | 100 | 176 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

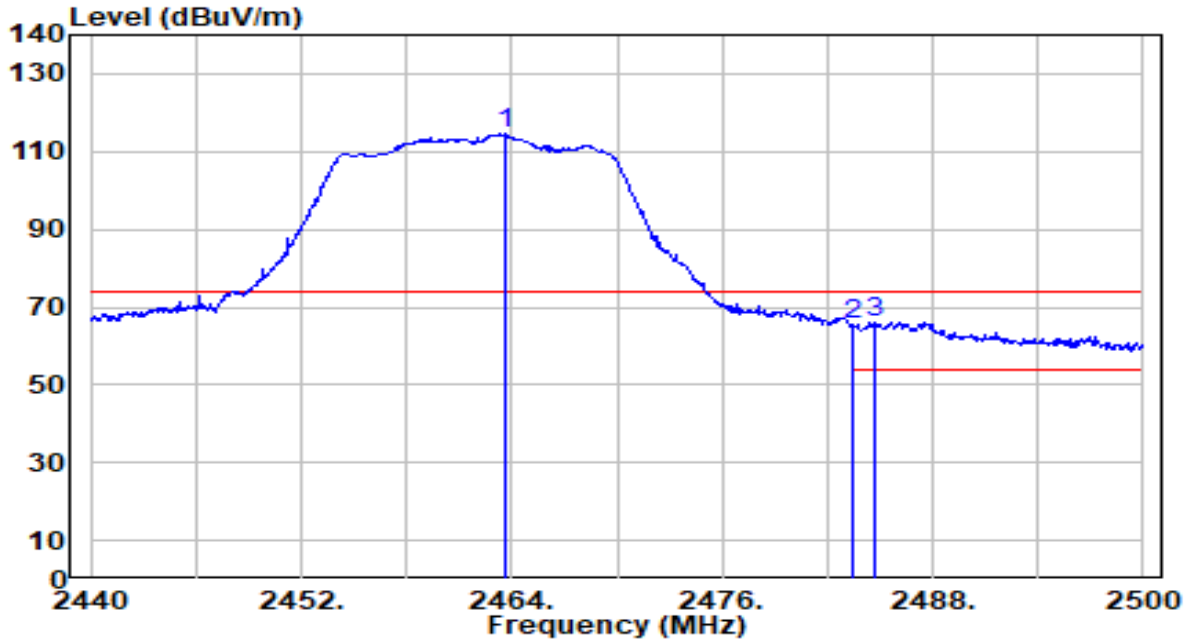



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.300 | 73.26 | 30.84 | 104.10 | N/A | N/A | 100 | 176 | Average |
| 2 | * | 2483.500 | 17.37 | 30.91 | 48.28 | -5.72 | 54.00 | 100 | 176 | Average |
| 3 | | 2486.320 | 16.86 | 30.92 | 47.79 | -6.21 | 54.00 | 100 | 176 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

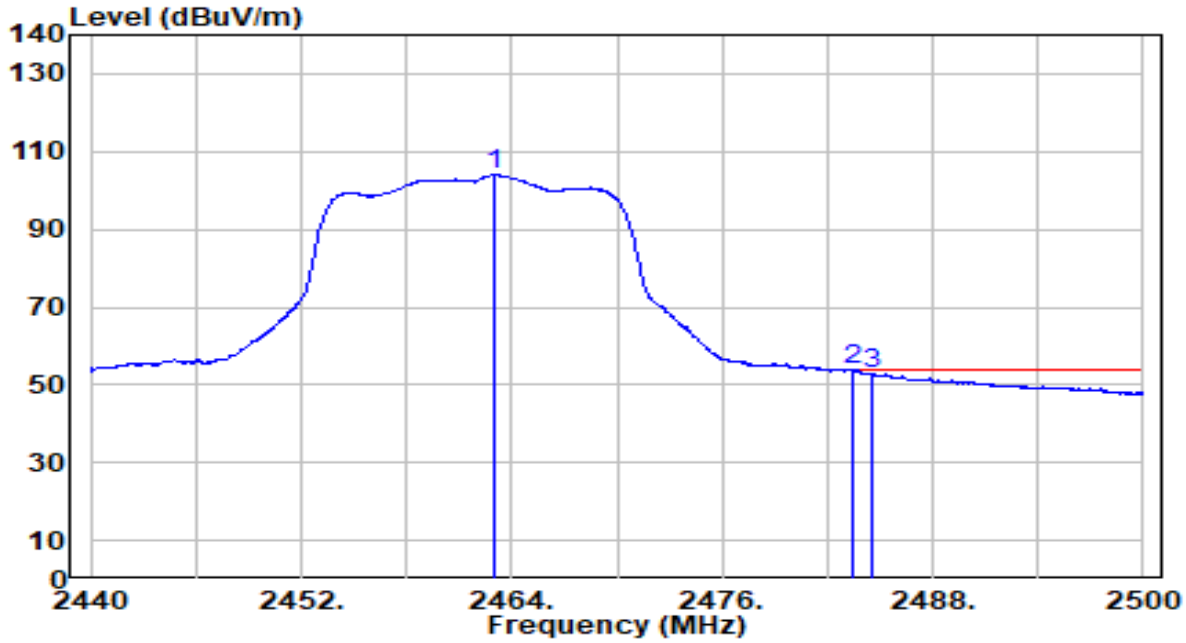



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.580 | 83.97 | 30.85 | 114.81 | N/A | N/A | 215 | 38 | Peak |
| 2 | | 2483.500 | 34.58 | 30.91 | 65.49 | -8.51 | 74.00 | 215 | 38 | Peak |
| 3 | * | 2484.700 | 35.12 | 30.92 | 66.04 | -7.96 | 74.00 | 215 | 38 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

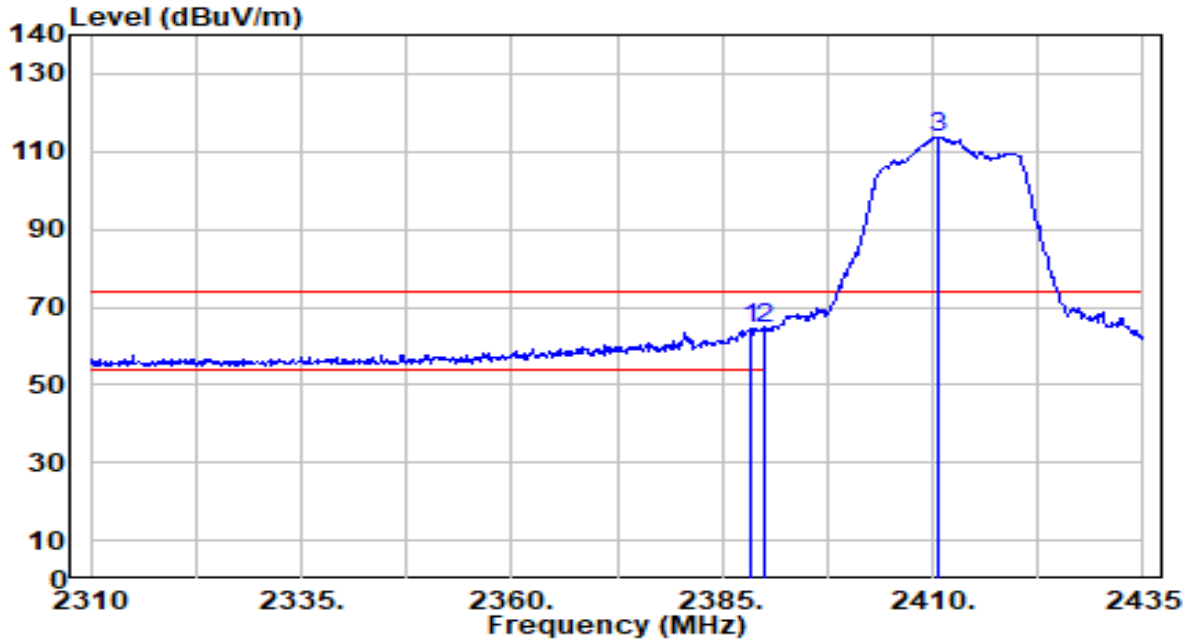



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2462.980 | 73.17 | 30.84 | 104.01 | N/A | N/A | 215 | 38 | Average |
| 2 | * | 2483.500 | 22.90 | 30.91 | 53.81 | -0.19 | 54.00 | 215 | 38 | Average |
| 3 | | 2484.520 | 22.11 | 30.92 | 53.03 | -0.97 | 54.00 | 215 | 38 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

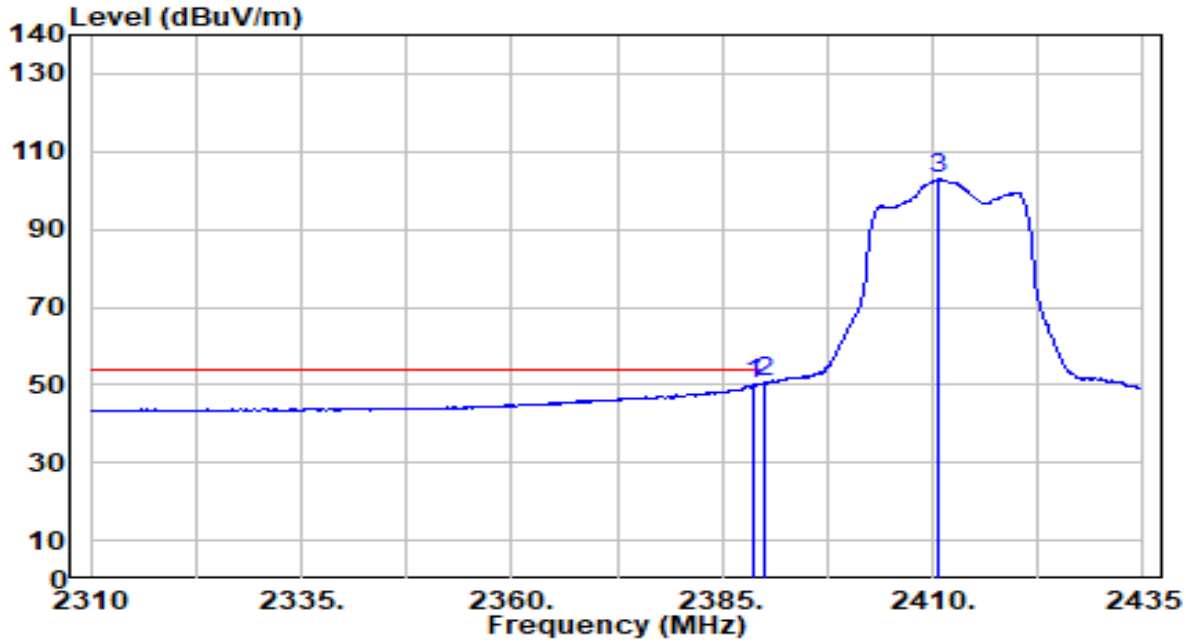



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.250 | 33.80 | 30.61 | 64.41 | -9.59 | 74.00 | 172 | 338 | Peak |
| 2 | | 2390.000 | 33.59 | 30.61 | 64.21 | -9.79 | 74.00 | 172 | 338 | Peak |
| 3 | | 2410.500 | 83.11 | 30.66 | 113.78 | N/A | N/A | 172 | 338 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

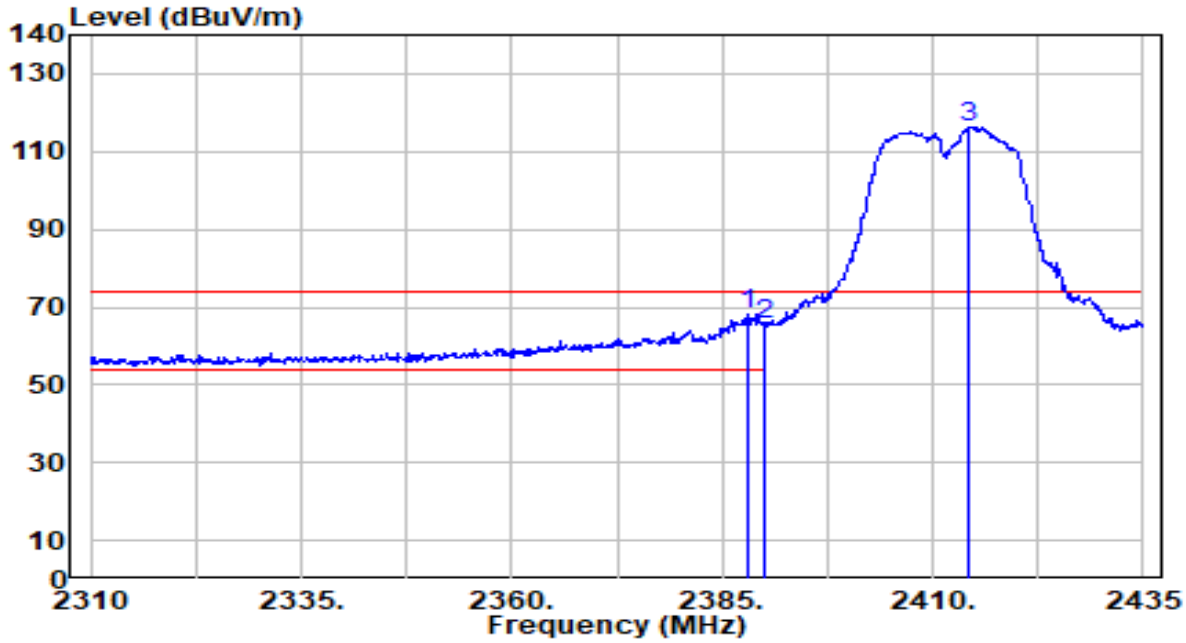



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.625 | 19.33 | 30.61 | 49.94 | -4.06 | 54.00 | 172 | 338 | Average |
| 2 | * | 2390.000 | 19.89 | 30.61 | 50.50 | -3.50 | 54.00 | 172 | 338 | Average |
| 3 | | 2410.750 | 72.39 | 30.66 | 103.05 | N/A | N/A | 172 | 338 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

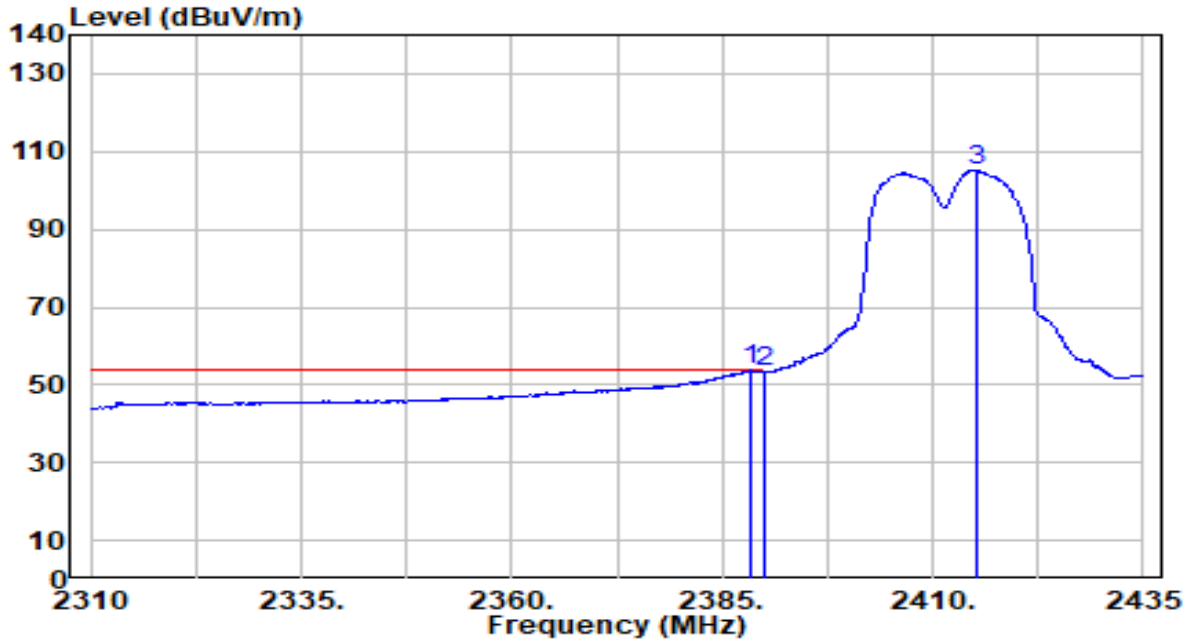



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.125 | 37.36 | 30.61 | 67.97 | -6.03 | 74.00 | 201 | 76 | Peak |
| 2 | | 2390.000 | 34.74 | 30.61 | 65.35 | -8.65 | 74.00 | 201 | 76 | Peak |
| 3 | | 2414.375 | 85.65 | 30.68 | 116.33 | N/A | N/A | 201 | 76 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

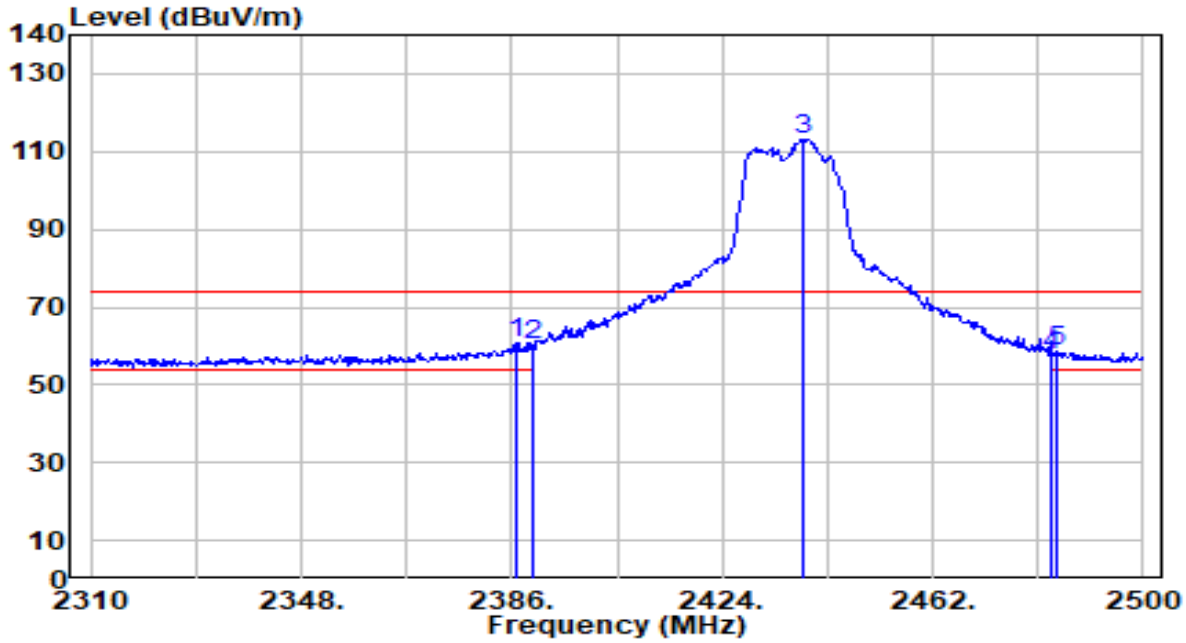



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.250 | 23.25 | 30.61 | 53.86 | -0.14 | 54.00 | 201 | 76 | Average |
| 2 | | 2390.000 | 22.75 | 30.61 | 53.37 | -0.63 | 54.00 | 201 | 76 | Average |
| 3 | | 2415.125 | 74.62 | 30.68 | 105.30 | N/A | N/A | 201 | 76 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

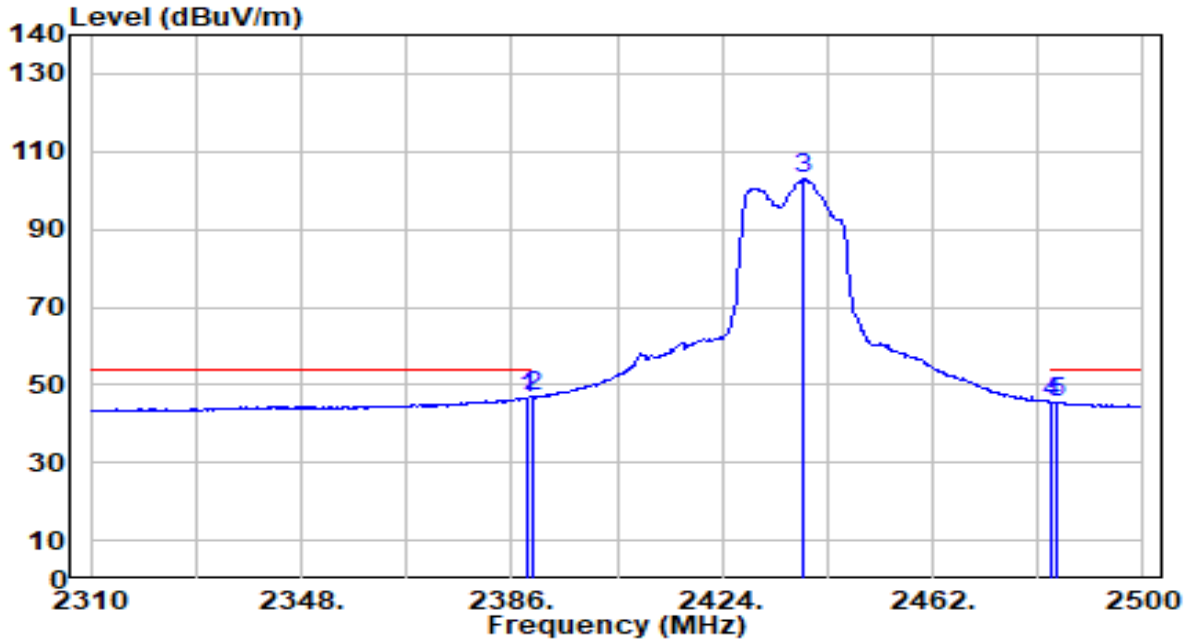



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.760 | 30.17 | 30.61 | 60.77 | -13.23 | 74.00 | 214 | 355 | Peak |
| 2 | | 2390.000 | 29.51 | 30.61 | 60.12 | -13.88 | 74.00 | 214 | 355 | Peak |
| 3 | | 2438.820 | 82.51 | 30.76 | 113.28 | N/A | N/A | 214 | 355 | Peak |
| 4 | | 2483.500 | 26.46 | 30.91 | 57.38 | -16.62 | 74.00 | 214 | 355 | Peak |
| 5 | | 2484.610 | 27.50 | 30.92 | 58.41 | -15.59 | 74.00 | 214 | 355 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

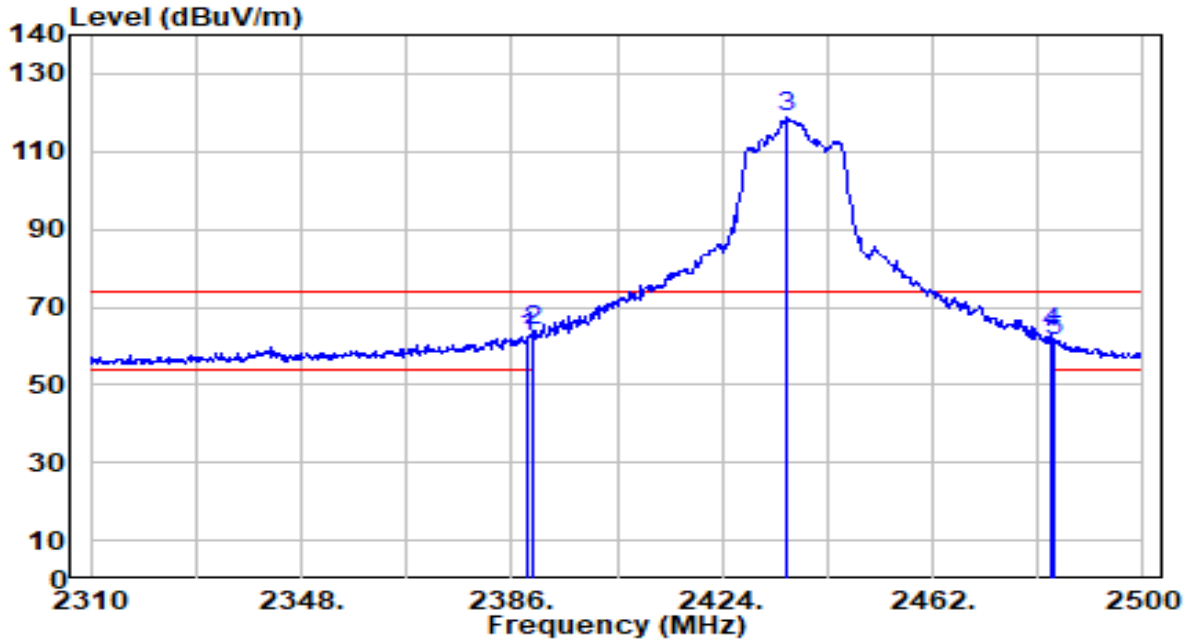



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.660 | 16.14 | 30.61 | 46.75 | -7.25 | 54.00 | 214 | 355 | Average |
| 2 | * | 2390.000 | 16.23 | 30.61 | 46.84 | -7.16 | 54.00 | 214 | 355 | Average |
| 3 | | 2438.630 | 72.09 | 30.76 | 102.85 | N/A | N/A | 214 | 355 | Average |
| 4 | | 2483.500 | 14.75 | 30.91 | 45.67 | -8.33 | 54.00 | 214 | 355 | Average |
| 5 | | 2484.230 | 14.58 | 30.92 | 45.50 | -8.50 | 54.00 | 214 | 355 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

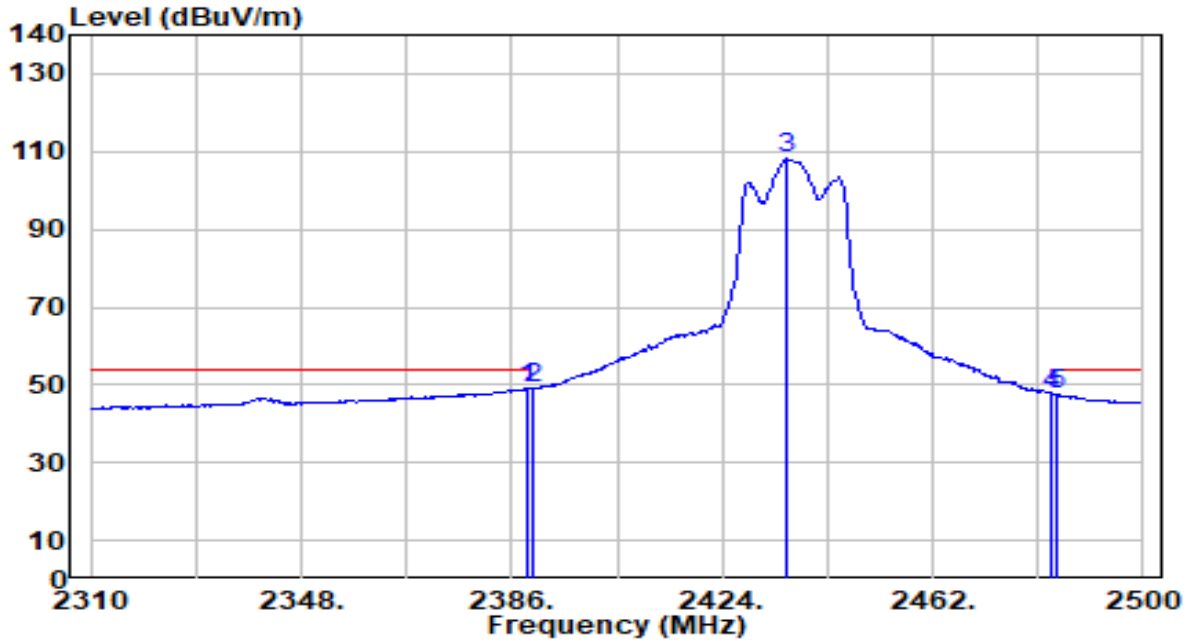



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.040 | 31.61 | 30.61 | 62.23 | -11.77 | 74.00 | 202 | 72 | Peak |
| 2 | * | 2390.000 | 33.38 | 30.61 | 63.99 | -10.01 | 74.00 | 202 | 72 | Peak |
| 3 | | 2435.780 | 88.30 | 30.75 | 119.05 | N/A | N/A | 202 | 72 | Peak |
| 4 | | 2483.500 | 32.54 | 30.91 | 63.46 | -10.54 | 74.00 | 202 | 72 | Peak |
| 5 | | 2484.040 | 30.59 | 30.92 | 61.50 | -12.50 | 74.00 | 202 | 72 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

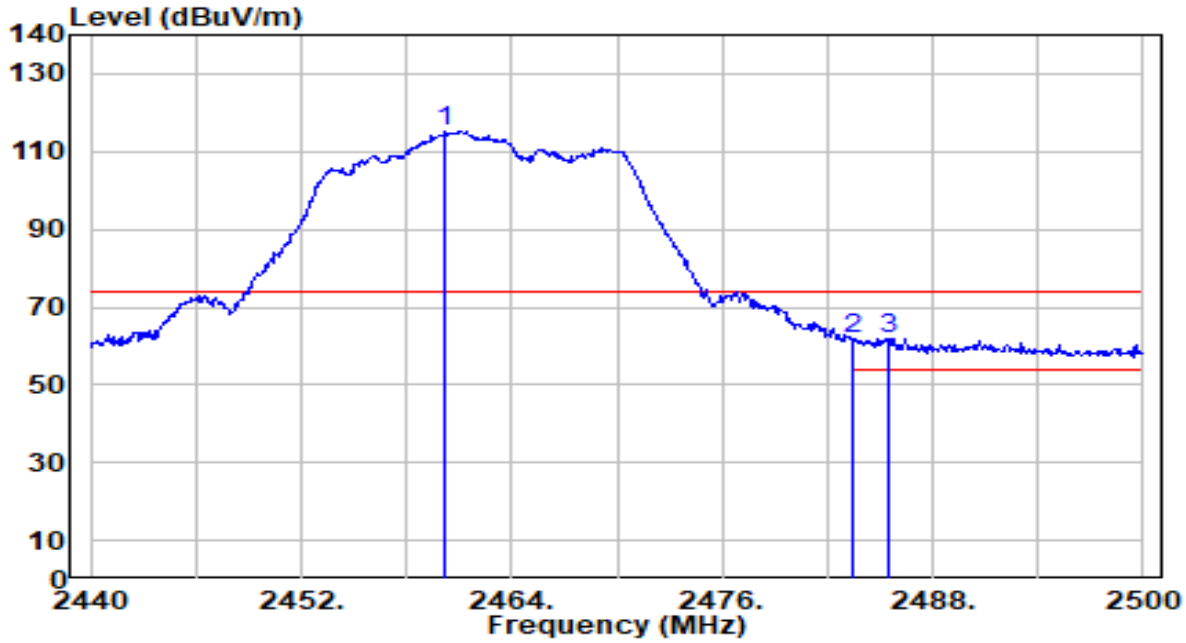



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.850 | 18.55 | 30.61 | 49.16 | -4.84 | 54.00 | 202 | 72 | Average |
| 2 | | 2390.000 | 18.36 | 30.61 | 48.97 | -5.03 | 54.00 | 202 | 72 | Average |
| 3 | | 2435.780 | 77.42 | 30.75 | 108.17 | N/A | N/A | 202 | 72 | Average |
| 4 | | 2483.500 | 16.77 | 30.91 | 47.69 | -6.31 | 54.00 | 202 | 72 | Average |
| 5 | | 2484.230 | 16.82 | 30.92 | 47.74 | -6.26 | 54.00 | 202 | 72 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

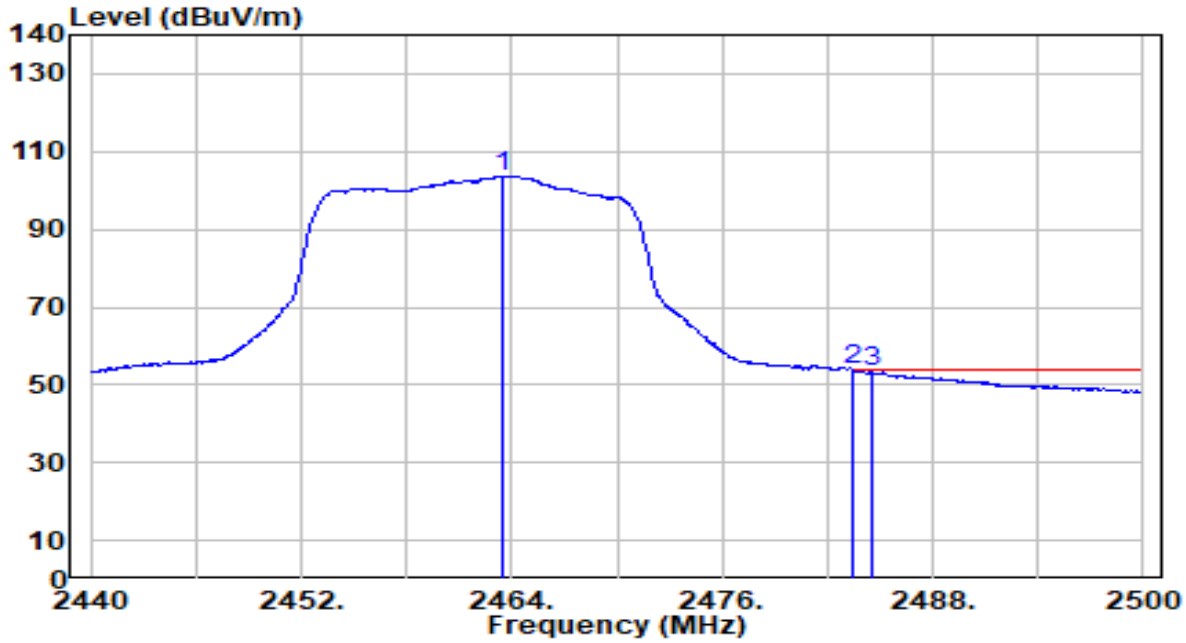



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.220 | 84.27 | 30.83 | 115.11 | N/A | N/A | 109 | 177 | Peak |
| 2 | | 2483.500 | 30.66 | 30.91 | 61.58 | -12.42 | 74.00 | 109 | 177 | Peak |
| 3 | * | 2485.480 | 31.12 | 30.92 | 62.04 | -11.96 | 74.00 | 109 | 177 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

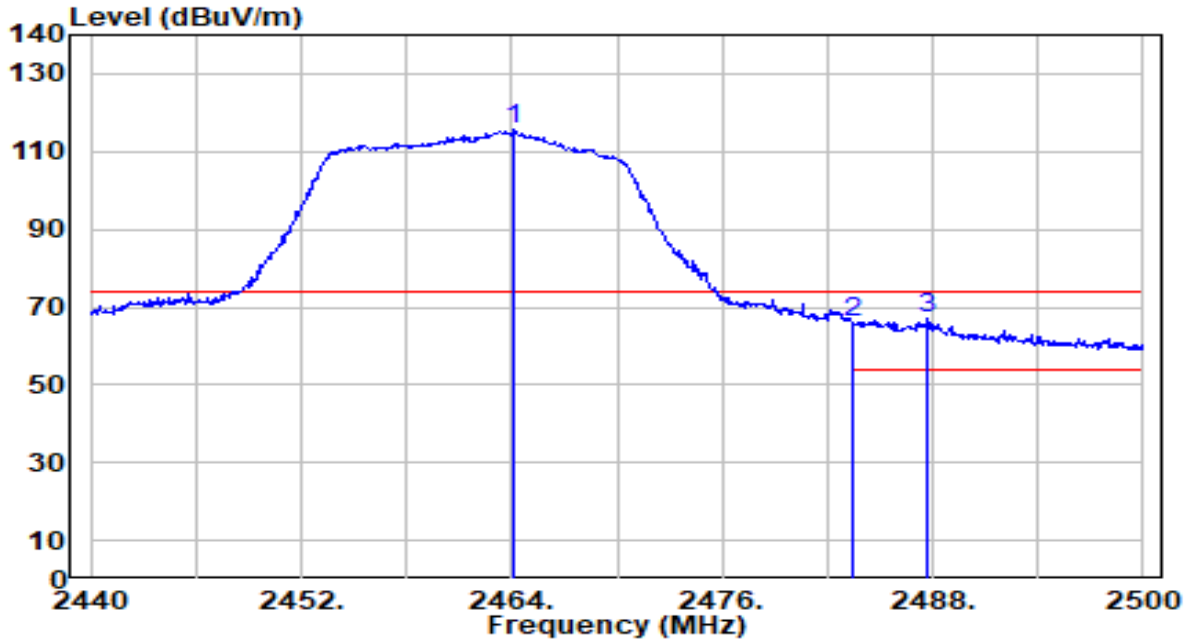



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.460 | 72.89 | 30.85 | 103.74 | N/A | N/A | 215 | 41 | Average |
| 2 | * | 2483.500 | 22.97 | 30.91 | 53.88 | -0.12 | 54.00 | 215 | 41 | Average |
| 3 | | 2484.520 | 22.40 | 30.92 | 53.32 | -0.68 | 54.00 | 215 | 41 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

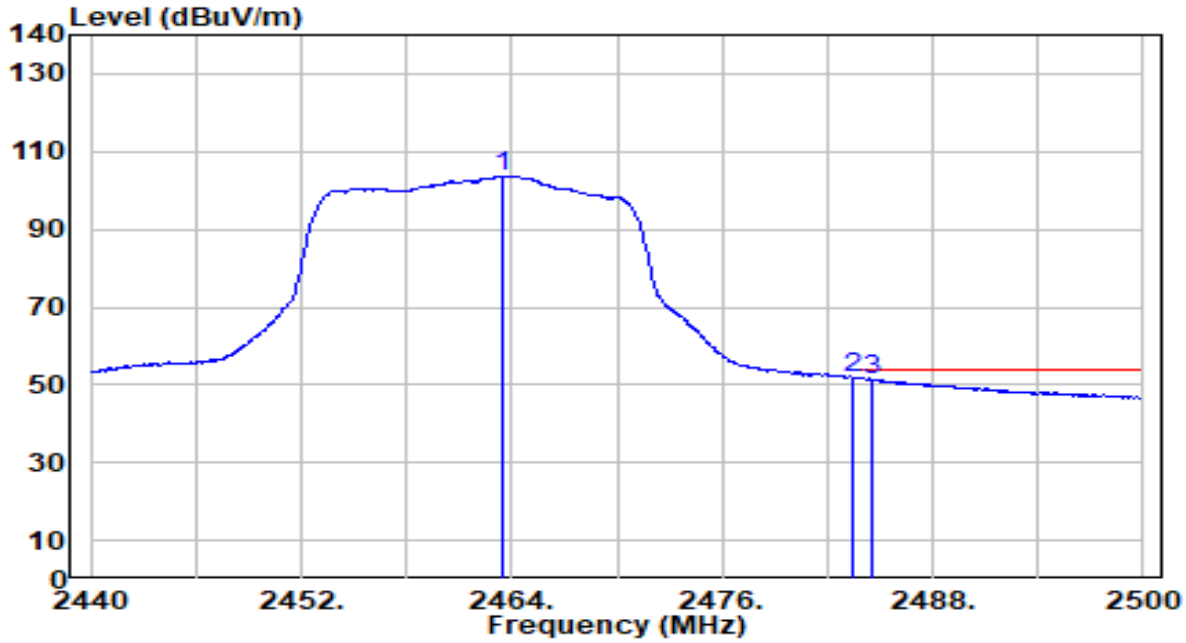



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2464.120 | 84.63 | 30.85 | 115.47 | N/A | N/A | 215 | 41 | Peak |
| 2 | | 2483.500 | 34.99 | 30.91 | 65.91 | -8.09 | 74.00 | 215 | 41 | Peak |
| 3 | * | 2487.760 | 35.95 | 30.93 | 66.88 | -7.12 | 74.00 | 215 | 41 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

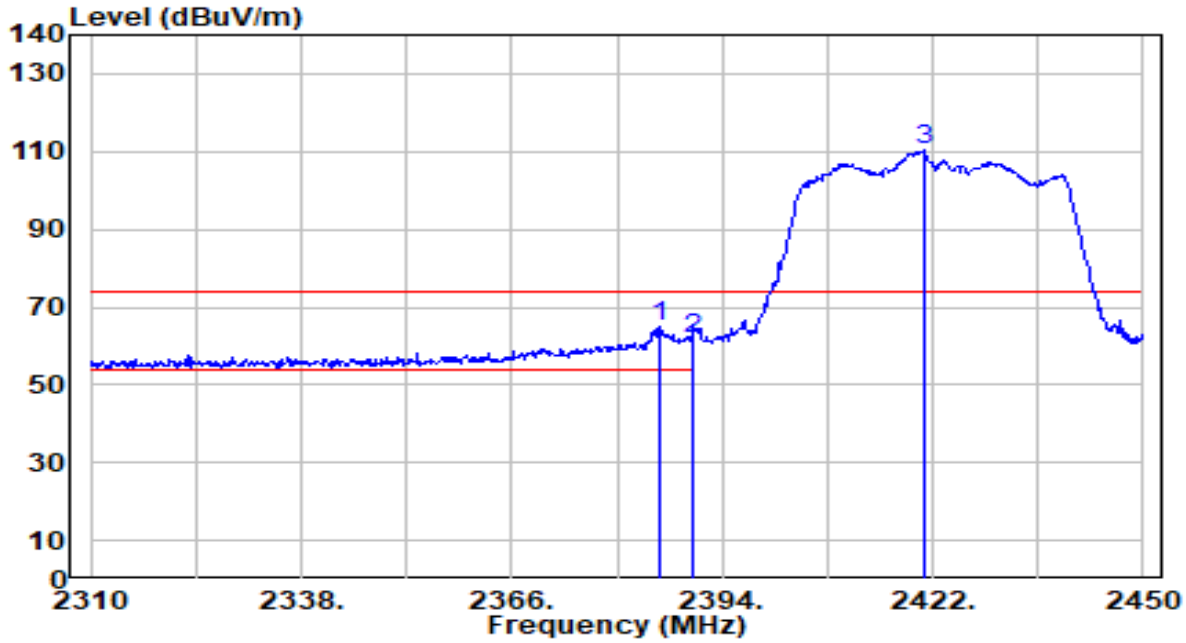



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2463.460 | 72.89 | 30.85 | 103.74 | N/A | N/A | 215 | 41 | Average |
| 2 | * | 2483.500 | 20.97 | 30.91 | 51.88 | -2.12 | 54.00 | 215 | 41 | Average |
| 3 | | 2484.520 | 20.50 | 30.92 | 51.42 | -2.58 | 54.00 | 215 | 41 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

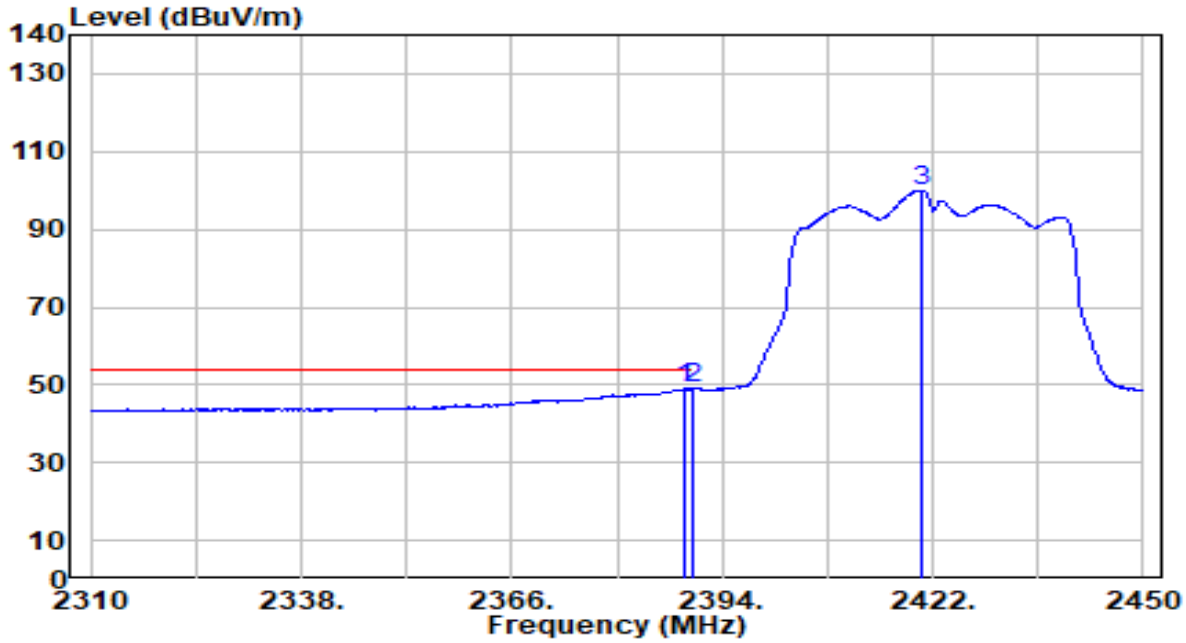



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.740 | 34.21 | 30.61 | 64.82 | -9.18 | 74.00 | 171 | 342 | Peak |
| 2 | | 2390.000 | 31.45 | 30.61 | 62.06 | -11.94 | 74.00 | 171 | 342 | Peak |
| 3 | | 2420.740 | 79.46 | 30.70 | 110.15 | N/A | N/A | 171 | 342 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

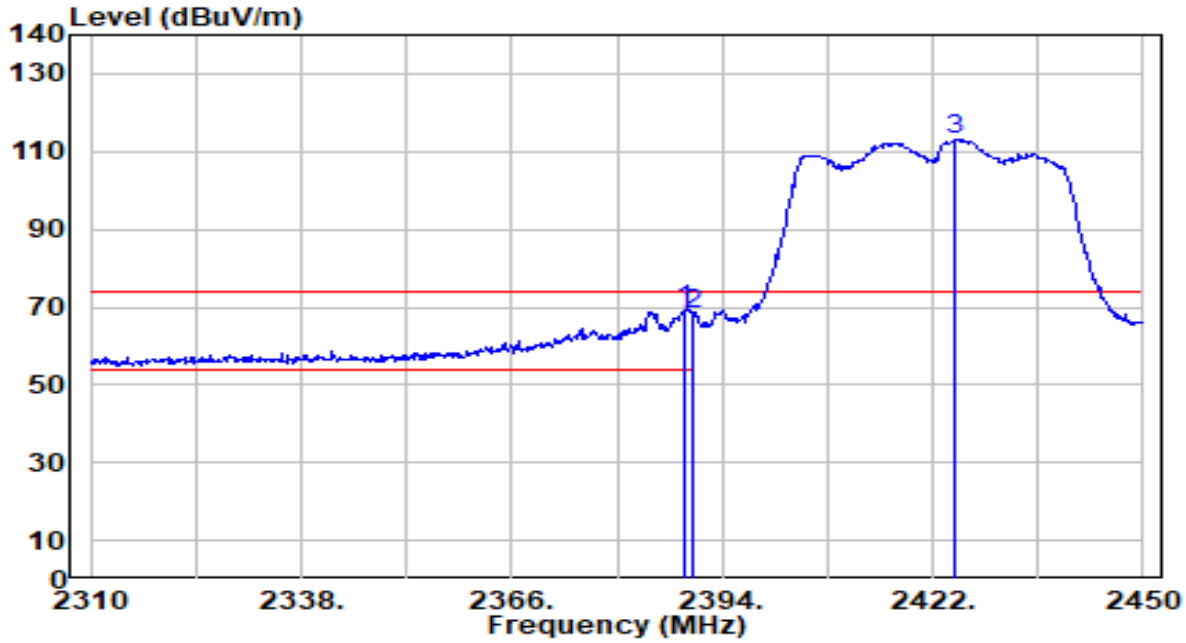



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.960 | 18.27 | 30.61 | 48.89 | -5.11 | 54.00 | 171 | 342 | Average |
| 2 | | 2390.000 | 18.27 | 30.61 | 48.88 | -5.12 | 54.00 | 171 | 342 | Average |
| 3 | | 2420.600 | 69.40 | 30.70 | 100.10 | N/A | N/A | 171 | 342 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

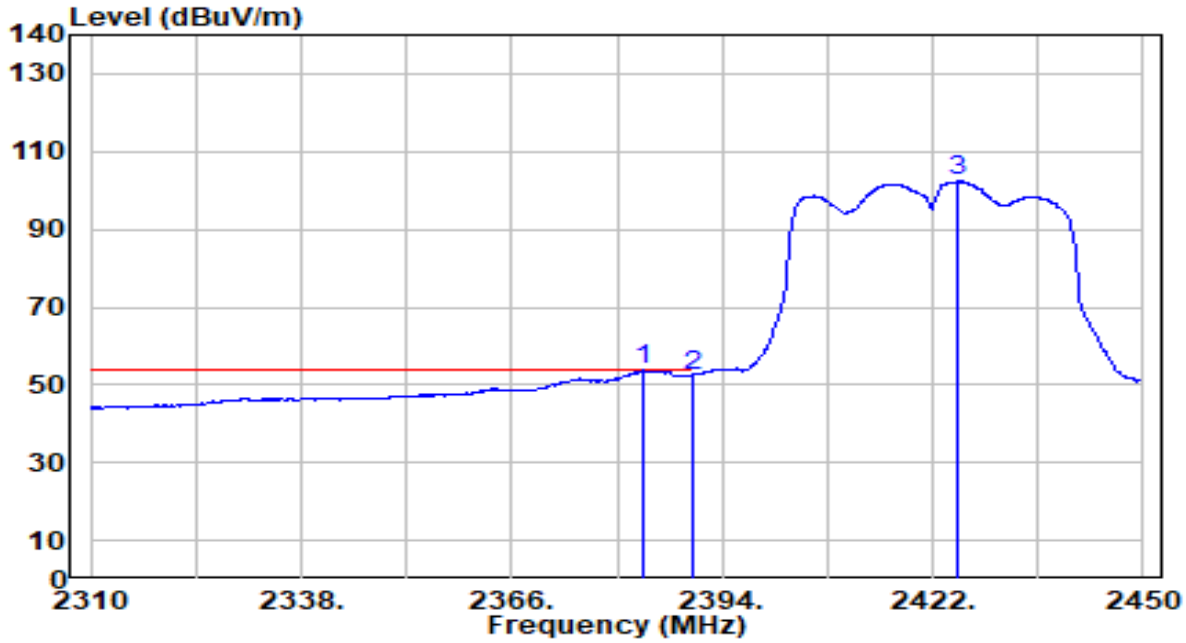



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.960 | 38.85 | 30.61 | 69.46 | -4.54 | 74.00 | 225 | 38 | Peak |
| 2 | | 2390.000 | 37.78 | 30.61 | 68.39 | -5.61 | 74.00 | 225 | 38 | Peak |
| 3 | | 2425.080 | 82.37 | 30.71 | 113.08 | N/A | N/A | 225 | 38 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

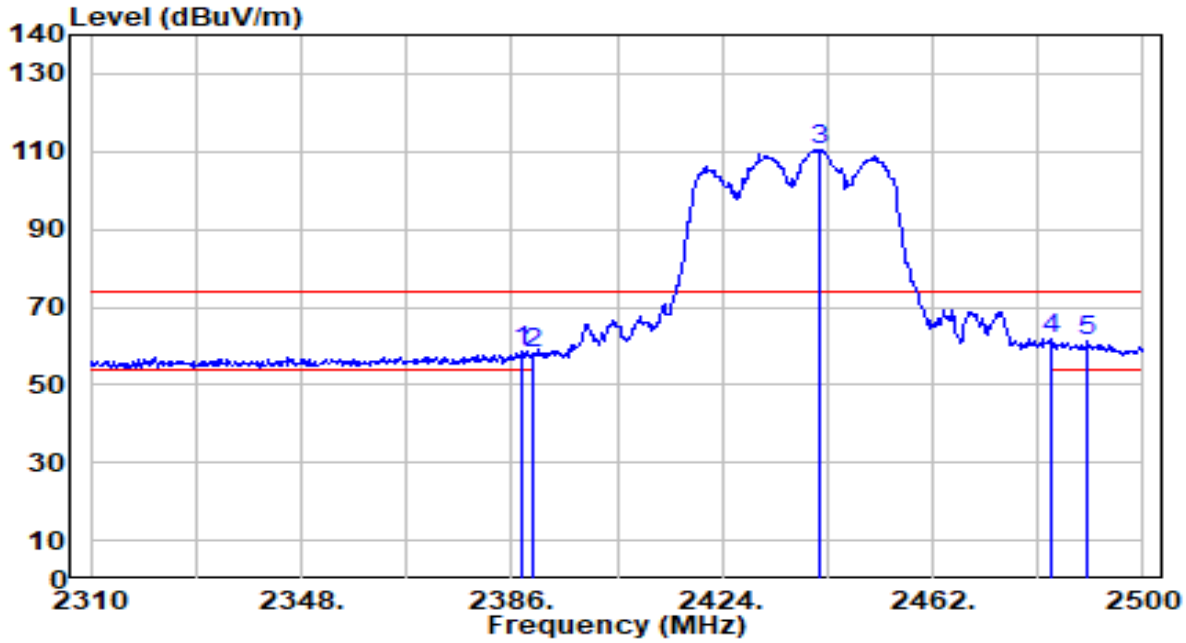



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2383.500 | 23.22 | 30.60 | 53.83 | -0.17 | 54.00 | 225 | 38 | Average |
| 2 | | 2390.000 | 21.87 | 30.61 | 52.48 | -1.52 | 54.00 | 225 | 38 | Average |
| 3 | | 2425.360 | 71.53 | 30.71 | 102.24 | N/A | N/A | 225 | 38 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

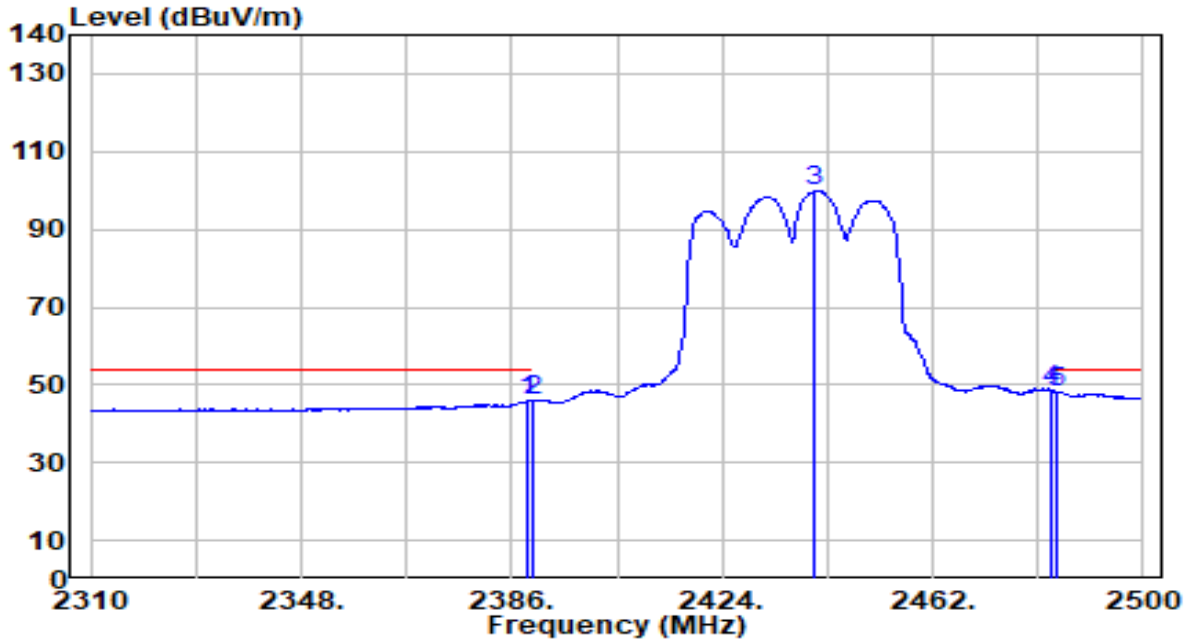



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.710 | 27.99 | 30.61 | 58.61 | -15.39 | 74.00 | 145 | 178 | Peak |
| 2 | | 2390.000 | 27.57 | 30.61 | 58.18 | -15.82 | 74.00 | 145 | 178 | Peak |
| 3 | | 2441.480 | 79.83 | 30.77 | 110.60 | N/A | N/A | 145 | 178 | Peak |
| 4 | * | 2483.500 | 30.95 | 30.91 | 61.86 | -12.14 | 74.00 | 145 | 178 | Peak |
| 5 | | 2489.930 | 30.14 | 30.94 | 61.08 | -12.92 | 74.00 | 145 | 178 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

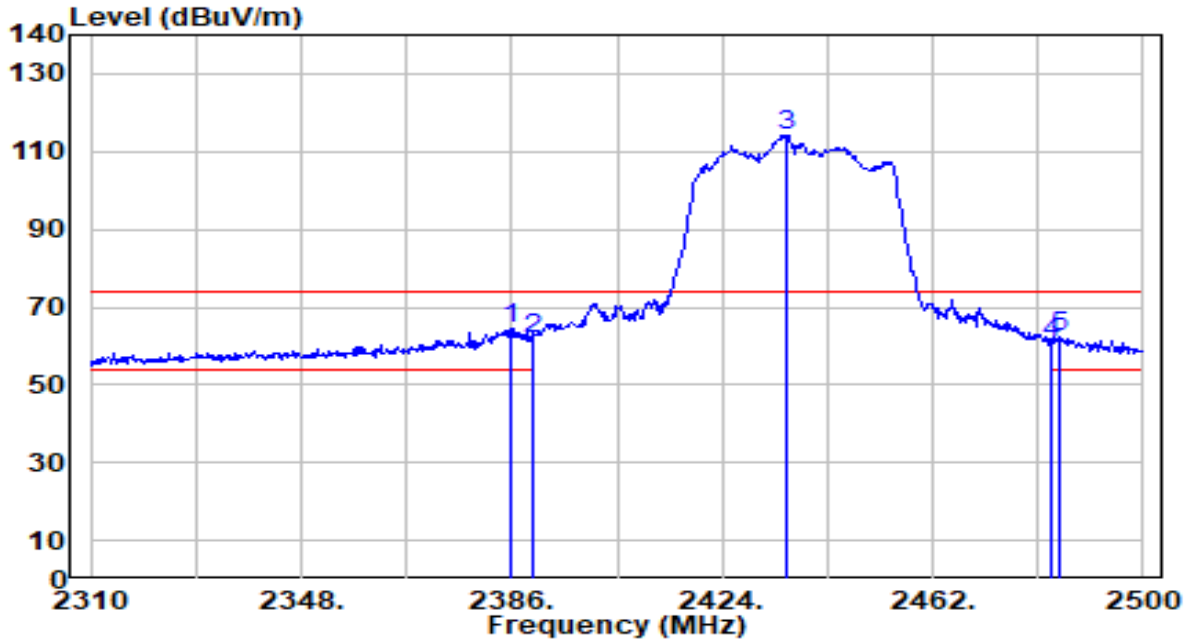



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 15.20 | 30.61 | 45.81 | -8.19 | 54.00 | 145 | 178 | Average |
| 2 | | 2390.000 | 15.24 | 30.61 | 45.86 | -8.14 | 54.00 | 145 | 178 | Average |
| 3 | | 2440.530 | 69.10 | 30.77 | 99.86 | N/A | N/A | 145 | 178 | Average |
| 4 | * | 2483.500 | 17.70 | 30.91 | 48.62 | -5.38 | 54.00 | 145 | 178 | Average |
| 5 | | 2484.230 | 17.40 | 30.92 | 48.32 | -5.68 | 54.00 | 145 | 178 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

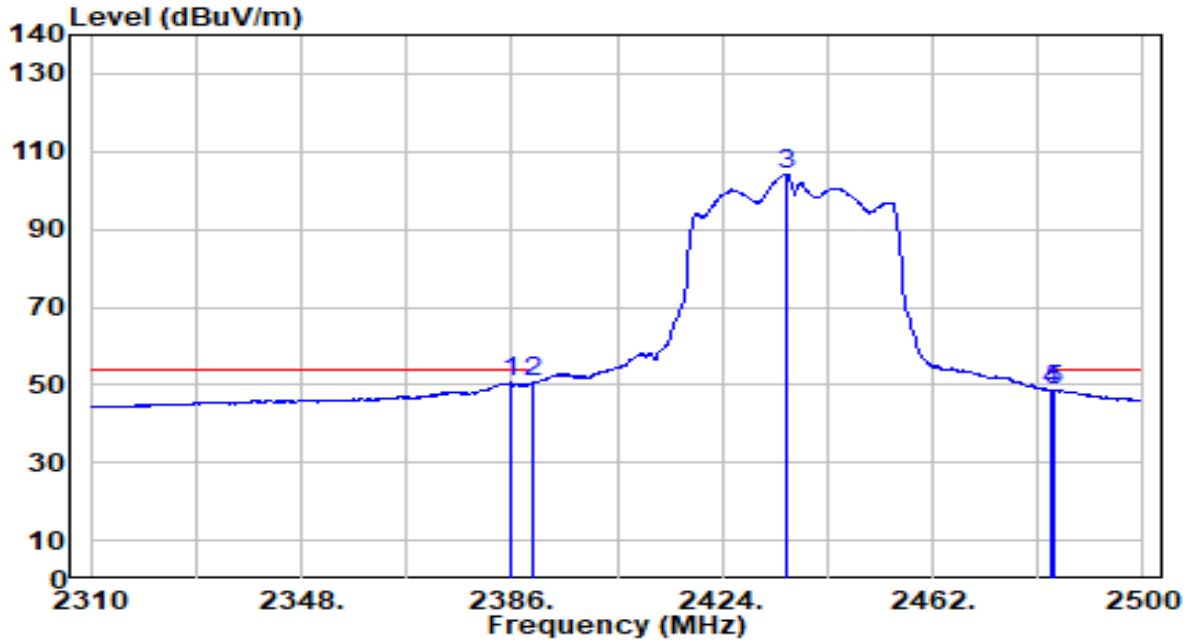



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.000 | 33.97 | 30.61 | 64.58 | -9.42 | 74.00 | 213 | 46 | Peak |
| 2 | | 2390.000 | 31.43 | 30.61 | 62.04 | -11.96 | 74.00 | 213 | 46 | Peak |
| 3 | | 2435.400 | 83.60 | 30.75 | 114.35 | N/A | N/A | 213 | 46 | Peak |
| 4 | | 2483.500 | 30.07 | 30.91 | 60.99 | -13.01 | 74.00 | 213 | 46 | Peak |
| 5 | | 2484.990 | 31.42 | 30.92 | 62.34 | -11.66 | 74.00 | 213 | 46 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

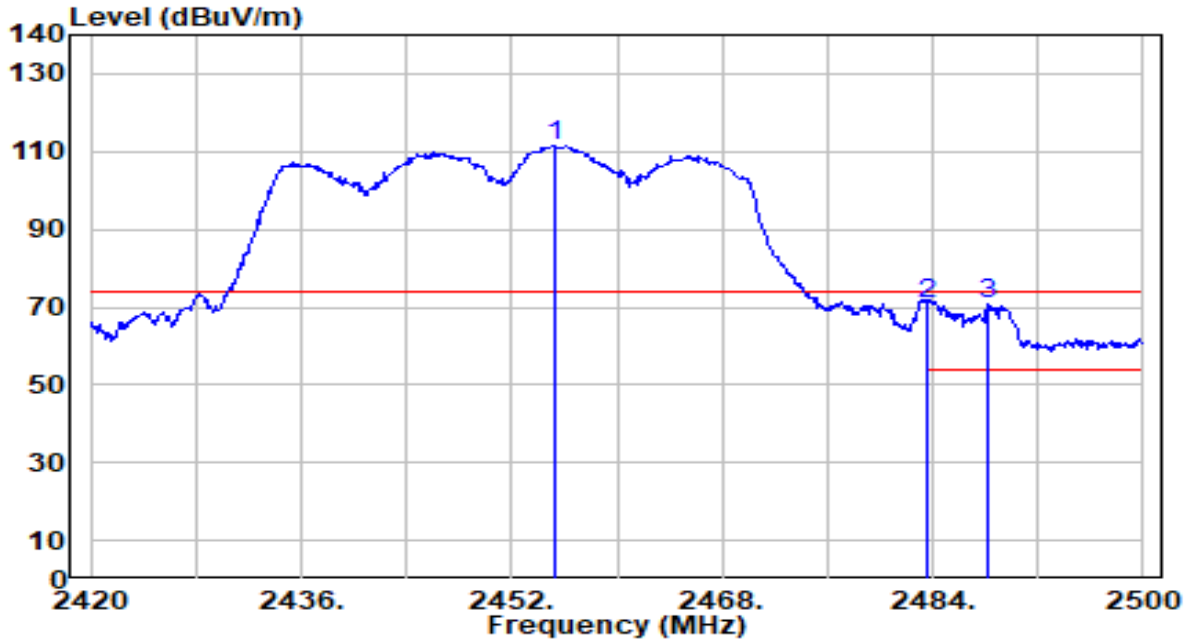



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.000 | 20.06 | 30.61 | 50.67 | -3.33 | 54.00 | 213 | 46 | Average |
| 2 | | 2390.000 | 19.99 | 30.61 | 50.60 | -3.40 | 54.00 | 213 | 46 | Average |
| 3 | | 2435.590 | 73.46 | 30.75 | 104.21 | N/A | N/A | 213 | 46 | Average |
| 4 | | 2483.500 | 17.77 | 30.91 | 48.68 | -5.32 | 54.00 | 213 | 46 | Average |
| 5 | | 2484.040 | 17.93 | 30.92 | 48.84 | -5.16 | 54.00 | 213 | 46 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

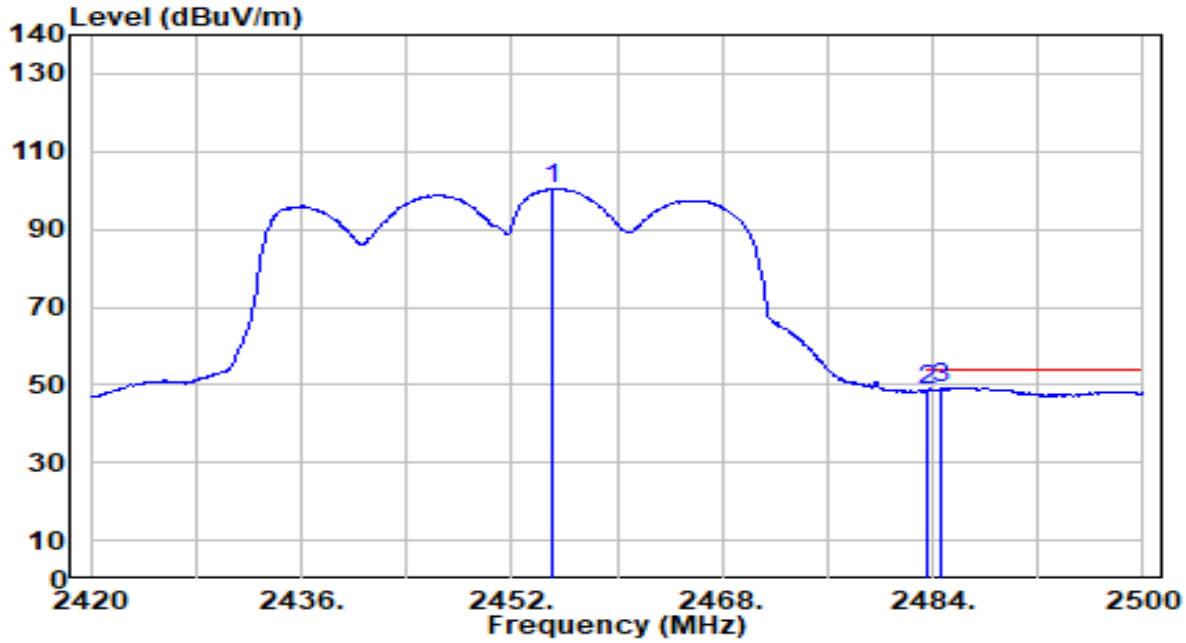



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.280 | 80.51 | 30.82 | 111.33 | N/A | N/A | 107 | 180 | Peak |
| 2 | * | 2483.500 | 40.02 | 30.91 | 70.93 | -3.07 | 74.00 | 107 | 180 | Peak |
| 3 | | 2488.240 | 39.60 | 30.93 | 70.53 | -3.47 | 74.00 | 107 | 180 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

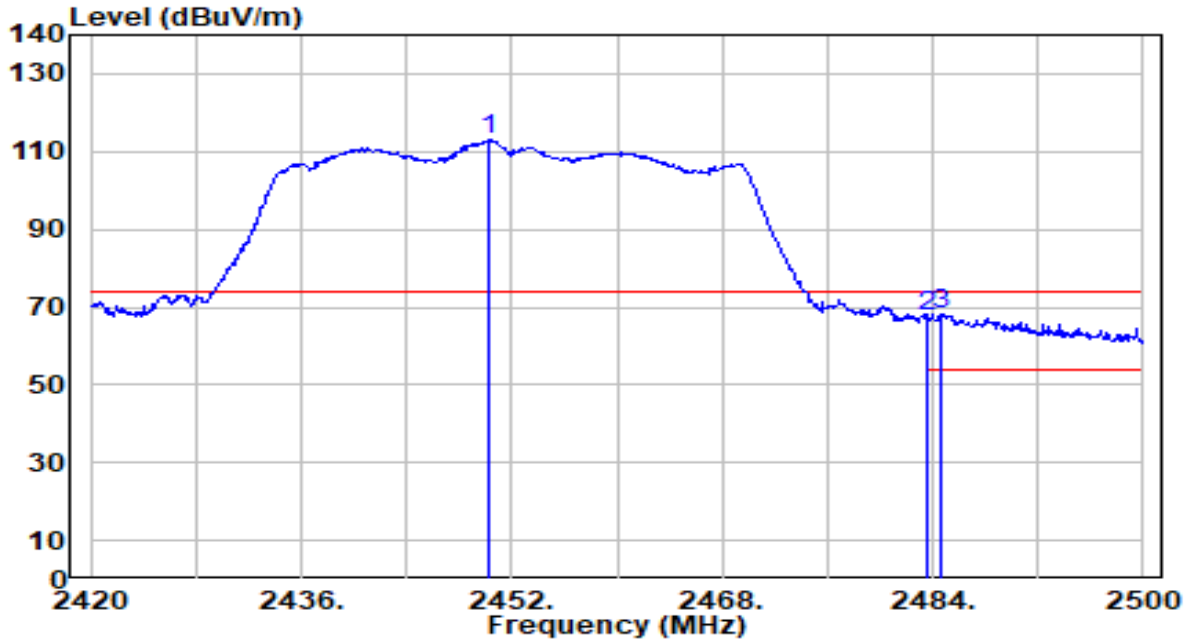



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.120 | 69.60 | 30.82 | 100.42 | N/A | N/A | 107 | 180 | Average |
| 2 | | 2483.500 | 17.83 | 30.91 | 48.74 | -5.26 | 54.00 | 107 | 180 | Average |
| 3 | * | 2484.640 | 18.35 | 30.92 | 49.27 | -4.73 | 54.00 | 107 | 180 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

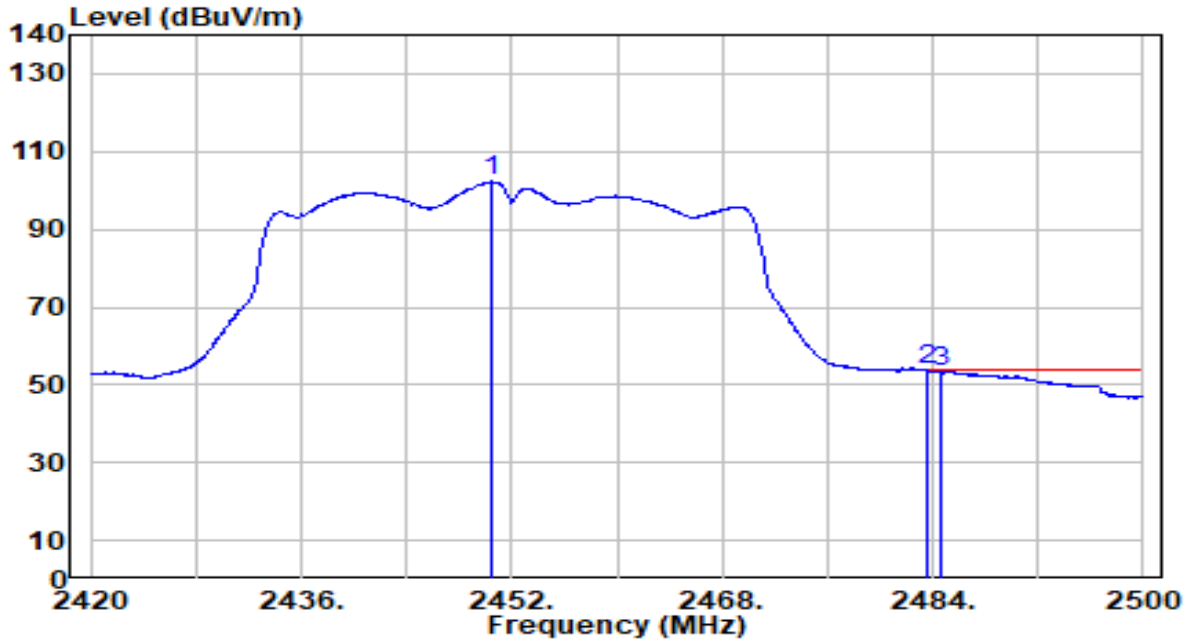



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.160 | 82.12 | 30.80 | 112.92 | N/A | N/A | 212 | 50 | Peak |
| 2 | | 2483.500 | 36.77 | 30.91 | 67.69 | -6.31 | 74.00 | 212 | 50 | Peak |
| 3 | * | 2484.560 | 37.07 | 30.92 | 67.98 | -6.02 | 74.00 | 212 | 50 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

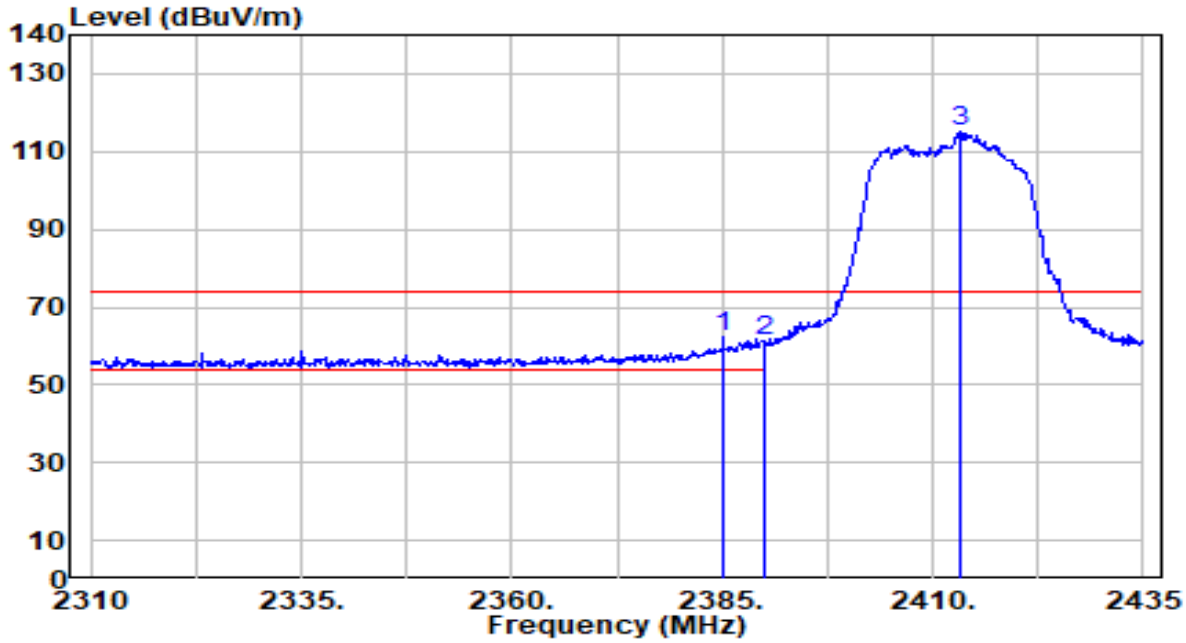



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.480 | 71.50 | 30.80 | 102.30 | N/A | N/A | 212 | 50 | Average |
| 2 | * | 2483.500 | 22.93 | 30.91 | 53.84 | -0.16 | 54.00 | 212 | 50 | Average |
| 3 | | 2484.720 | 22.24 | 30.92 | 53.16 | -0.84 | 54.00 | 212 | 50 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

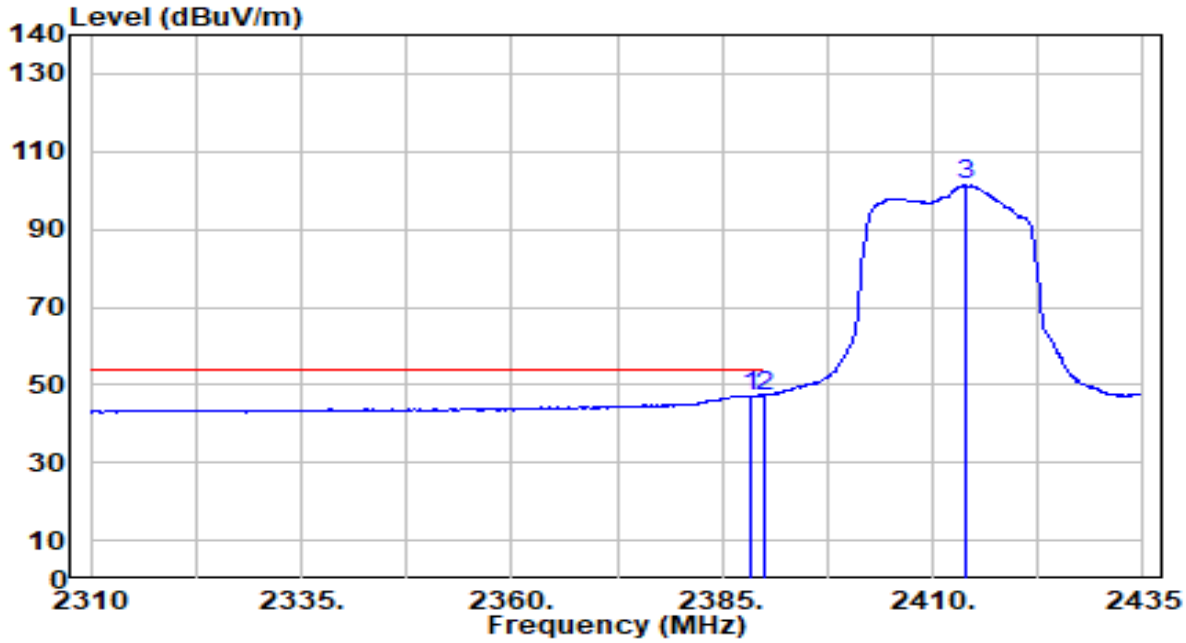



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.125 | 31.97 | 30.61 | 62.57 | -11.43 | 74.00 | 173 | 340 | Peak |
| 2 | | 2390.000 | 30.57 | 30.61 | 61.18 | -12.82 | 74.00 | 173 | 340 | Peak |
| 3 | | 2413.375 | 84.27 | 30.67 | 114.94 | N/A | N/A | 173 | 340 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

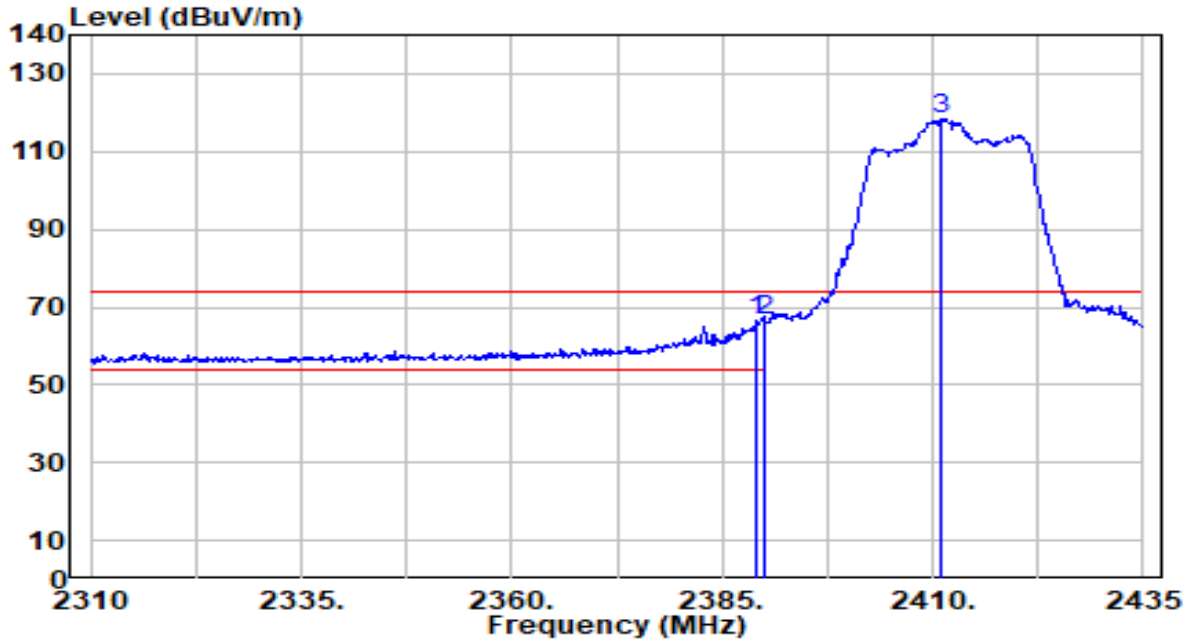



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.500 | 16.57 | 30.61 | 47.18 | -6.82 | 54.00 | 173 | 340 | Average |
| 2 | * | 2390.000 | 16.62 | 30.61 | 47.23 | -6.77 | 54.00 | 173 | 340 | Average |
| 3 | | 2414.000 | 70.65 | 30.68 | 101.33 | N/A | N/A | 173 | 340 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

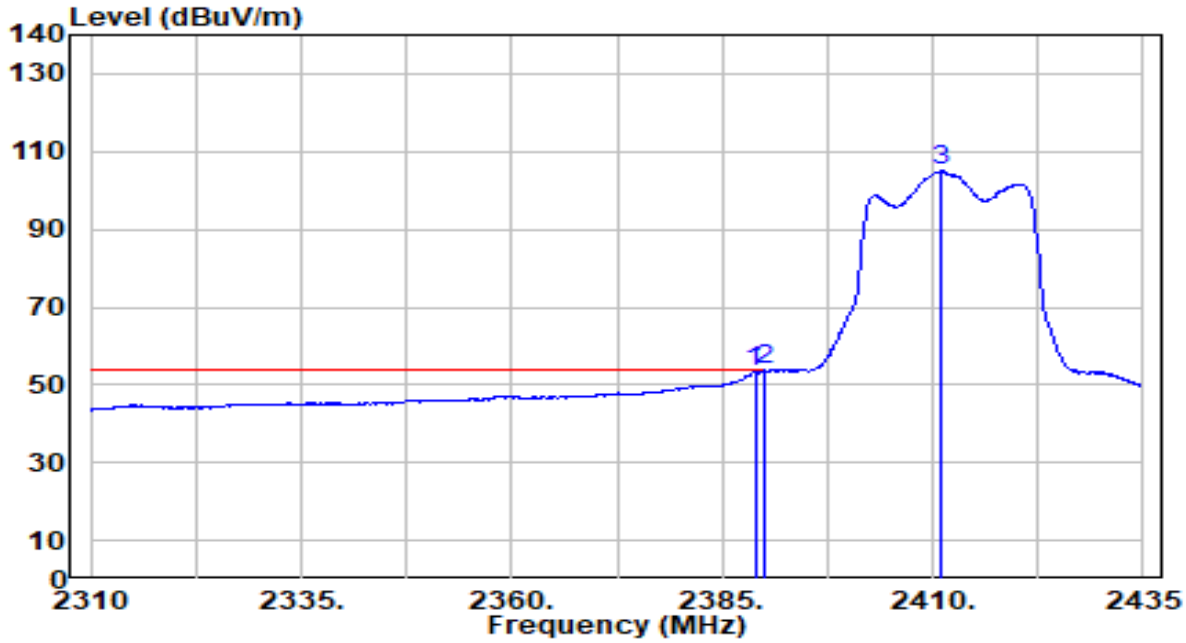



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 35.71 | 30.61 | 66.32 | -7.68 | 74.00 | 218 | 43 | Peak |
| 2 | * | 2390.000 | 35.81 | 30.61 | 66.42 | -7.58 | 74.00 | 218 | 43 | Peak |
| 3 | | 2411.000 | 87.80 | 30.67 | 118.46 | N/A | N/A | 218 | 43 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

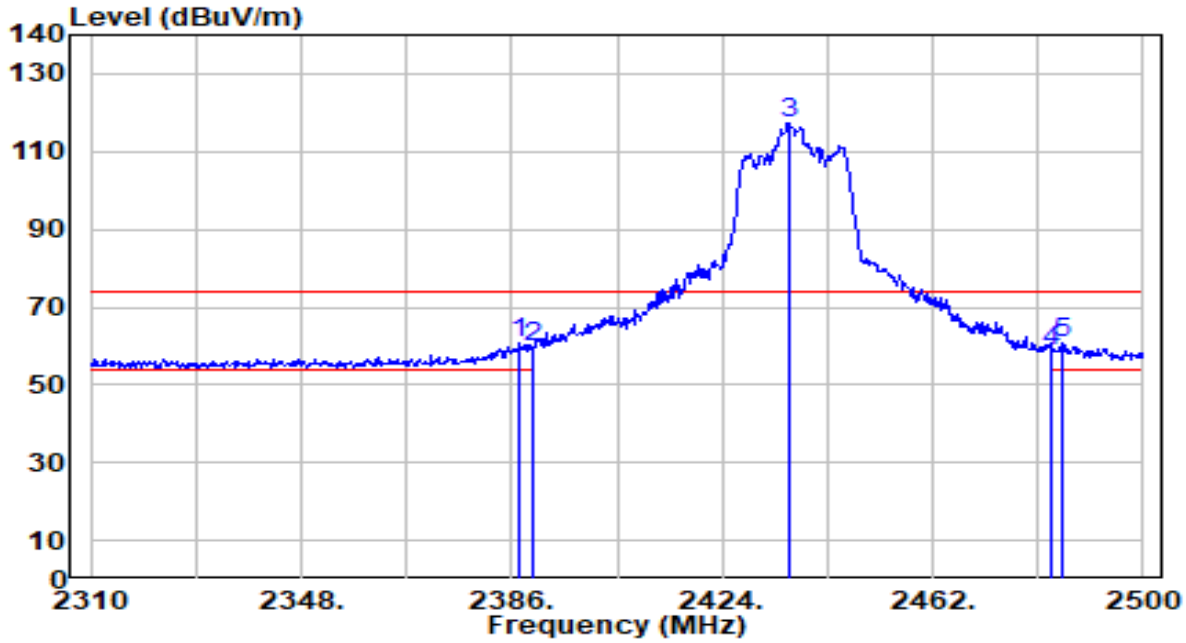



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.875 | 22.70 | 30.61 | 53.32 | -0.68 | 54.00 | 218 | 43 | Average |
| 2 | * | 2390.000 | 23.21 | 30.61 | 53.82 | -0.18 | 54.00 | 218 | 43 | Average |
| 3 | | 2410.875 | 74.44 | 30.67 | 105.11 | N/A | N/A | 218 | 43 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

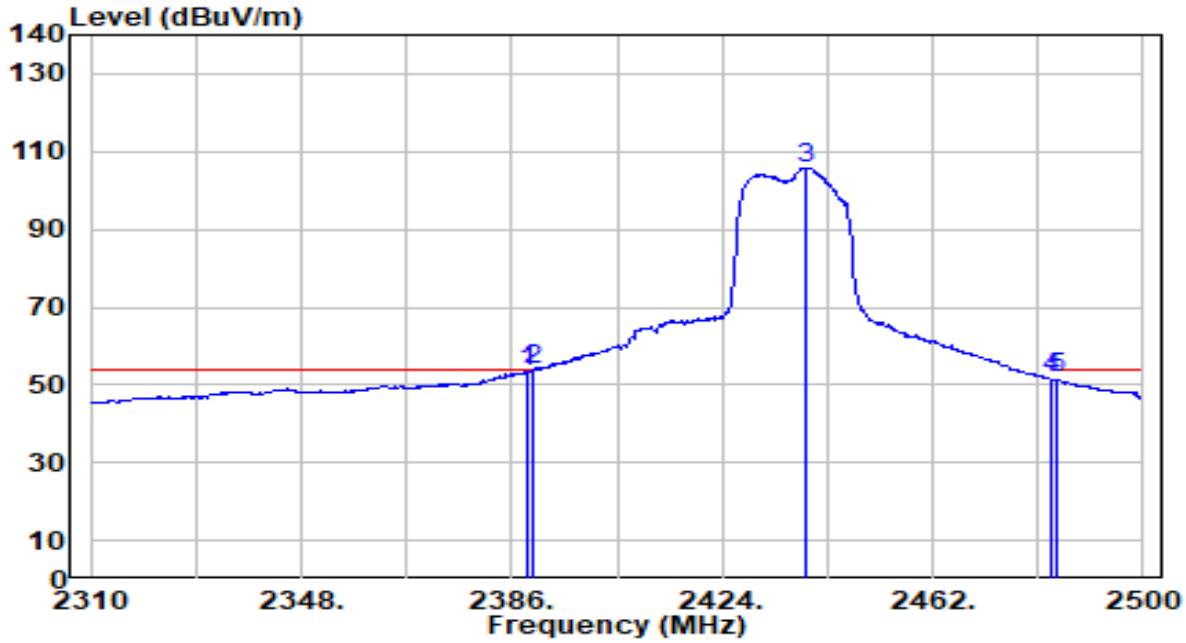



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.520 | 30.06 | 30.61 | 60.67 | -13.33 | 74.00 | 153 | 178 | Peak |
| 2 | | 2390.000 | 29.34 | 30.61 | 59.96 | -14.04 | 74.00 | 153 | 178 | Peak |
| 3 | | 2436.350 | 86.66 | 30.75 | 117.41 | N/A | N/A | 153 | 178 | Peak |
| 4 | | 2483.500 | 27.97 | 30.91 | 58.88 | -15.12 | 74.00 | 153 | 178 | Peak |
| 5 | | 2485.180 | 29.64 | 30.92 | 60.56 | -13.44 | 74.00 | 153 | 178 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

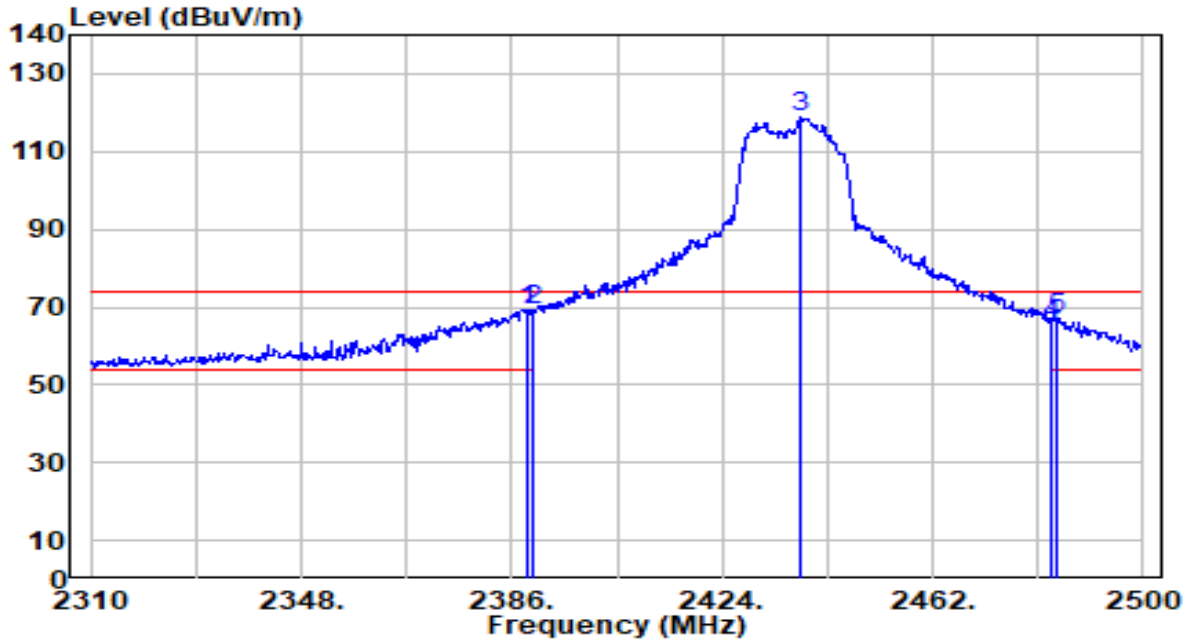



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 22.85 | 30.61 | 53.46 | -0.54 | 54.00 | 213 | 48 | Average |
| 2 | * | 2390.000 | 23.28 | 30.61 | 53.90 | -0.10 | 54.00 | 213 | 48 | Average |
| 3 | | 2439.200 | 75.12 | 30.76 | 105.88 | N/A | N/A | 213 | 48 | Average |
| 4 | | 2483.500 | 20.60 | 30.91 | 51.51 | -2.49 | 54.00 | 213 | 48 | Average |
| 5 | | 2484.230 | 20.62 | 30.92 | 51.54 | -2.46 | 54.00 | 213 | 48 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

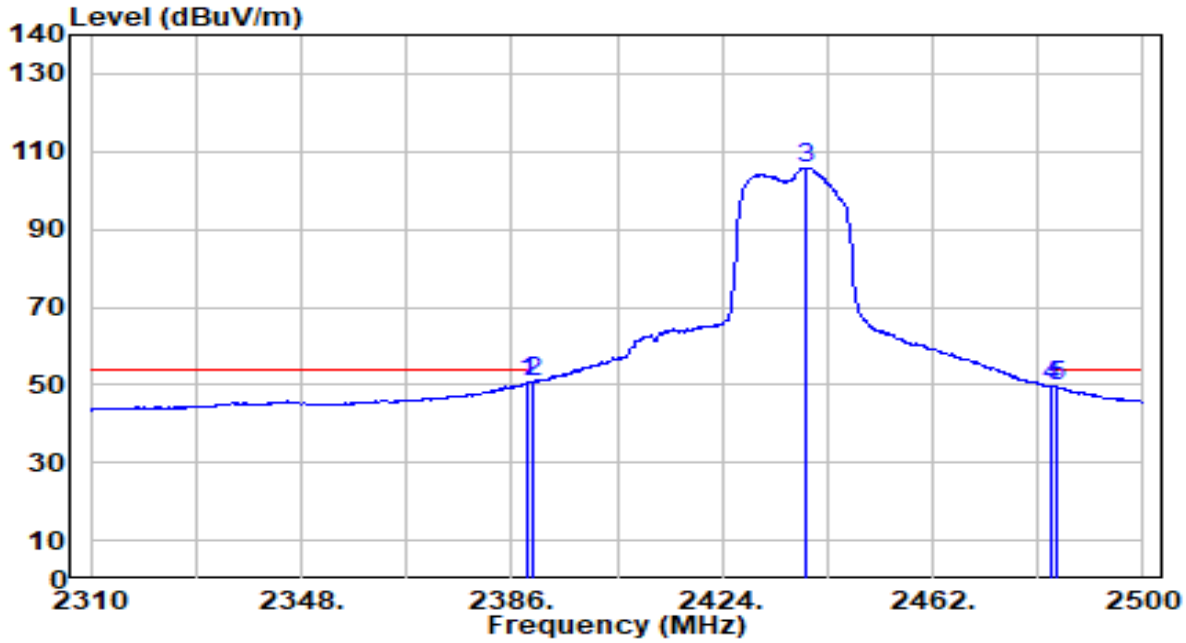



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.040 | 38.78 | 30.61 | 69.40 | -4.60 | 74.00 | 213 | 48 | Peak |
| 2 | | 2390.000 | 38.60 | 30.61 | 69.21 | -4.79 | 74.00 | 213 | 48 | Peak |
| 3 | | 2438.060 | 88.01 | 30.76 | 118.76 | N/A | N/A | 213 | 48 | Peak |
| 4 | | 2483.500 | 34.54 | 30.91 | 65.46 | -8.54 | 74.00 | 213 | 48 | Peak |
| 5 | | 2484.610 | 36.05 | 30.92 | 66.97 | -7.03 | 74.00 | 213 | 48 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

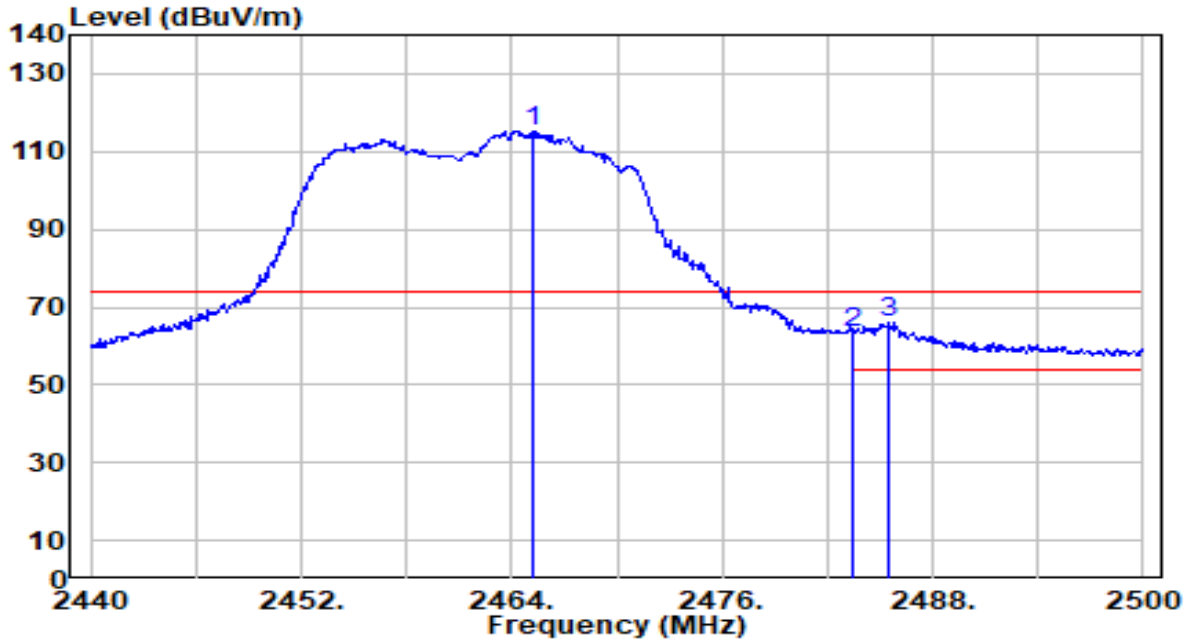



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.850 | 19.95 | 30.61 | 50.56 | -3.44 | 54.00 | 213 | 48 | Average |
| 2 | * | 2390.000 | 20.08 | 30.61 | 50.70 | -3.30 | 54.00 | 213 | 48 | Average |
| 3 | | 2439.200 | 75.12 | 30.76 | 105.88 | N/A | N/A | 213 | 48 | Average |
| 4 | | 2483.500 | 18.60 | 30.91 | 49.51 | -4.49 | 54.00 | 213 | 48 | Average |
| 5 | | 2484.230 | 18.52 | 30.92 | 49.44 | -4.56 | 54.00 | 213 | 48 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

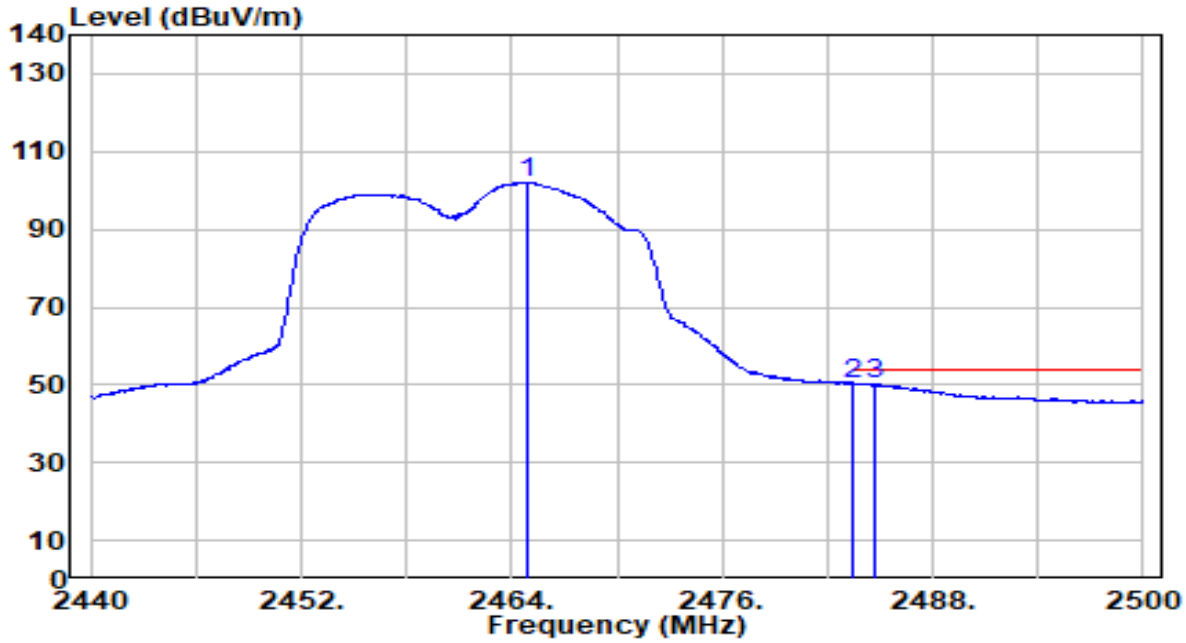



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2465.260 | 84.46 | 30.85 | 115.31 | N/A | N/A | 100 | 181 | Peak |
| 2 | | 2483.500 | 32.61 | 30.91 | 63.52 | -10.48 | 74.00 | 100 | 181 | Peak |
| 3 | * | 2485.540 | 35.38 | 30.92 | 66.30 | -7.70 | 74.00 | 100 | 181 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

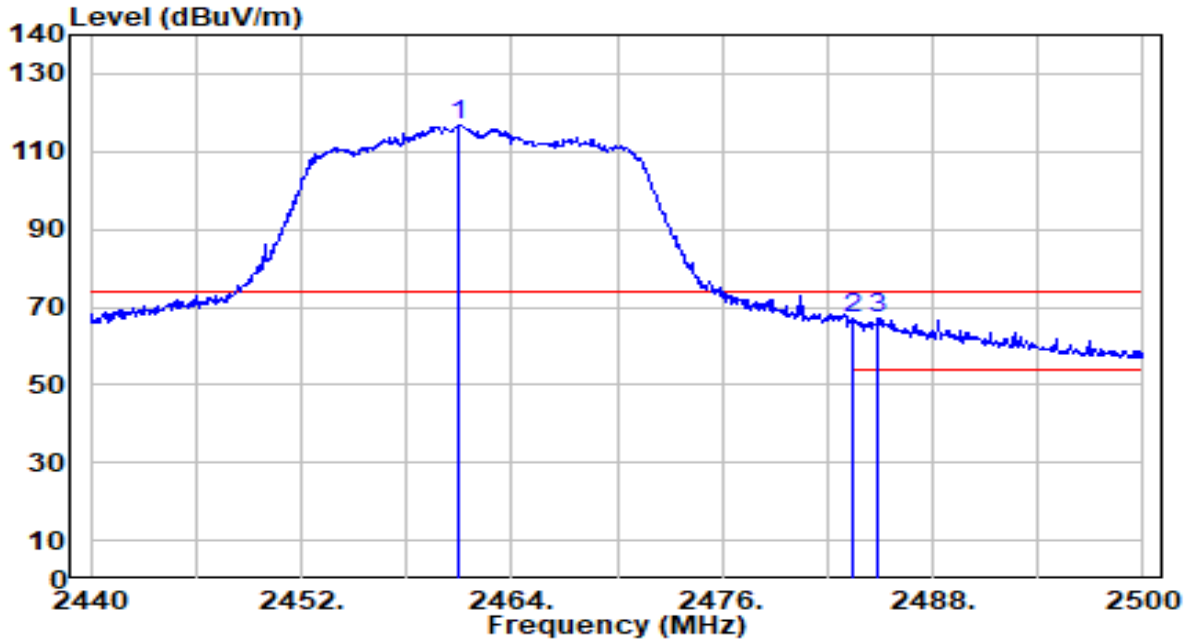



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2464.900 | 71.17 | 30.85 | 102.02 | N/A | N/A | 100 | 181 | Average |
| 2 | * | 2483.500 | 19.41 | 30.91 | 50.33 | -3.67 | 54.00 | 100 | 181 | Average |
| 3 | | 2484.640 | 19.25 | 30.92 | 50.17 | -3.83 | 54.00 | 100 | 181 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

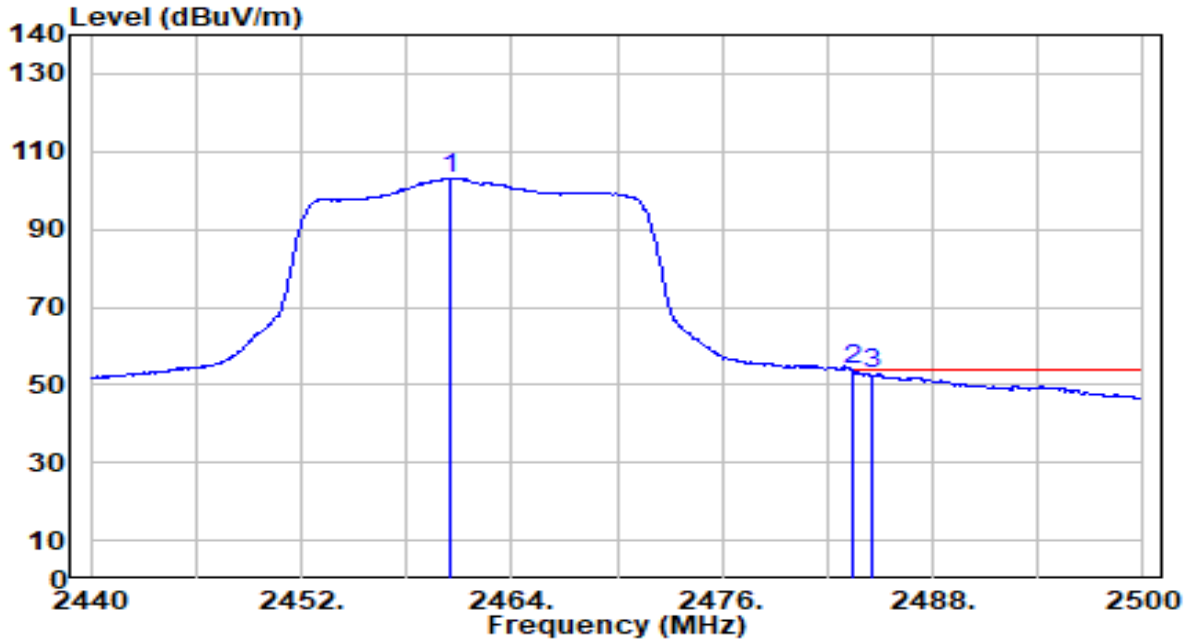



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2461.000 | 85.98 | 30.84 | 116.82 | N/A | N/A | 211 | 40 | Peak |
| 2 | | 2483.500 | 36.15 | 30.91 | 67.06 | -6.94 | 74.00 | 211 | 40 | Peak |
| 3 | * | 2484.880 | 36.32 | 30.92 | 67.24 | -6.76 | 74.00 | 211 | 40 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-20MHz_TX_CH 11_ANT 0+1 | Test Voltage | AC 120V/60Hz |

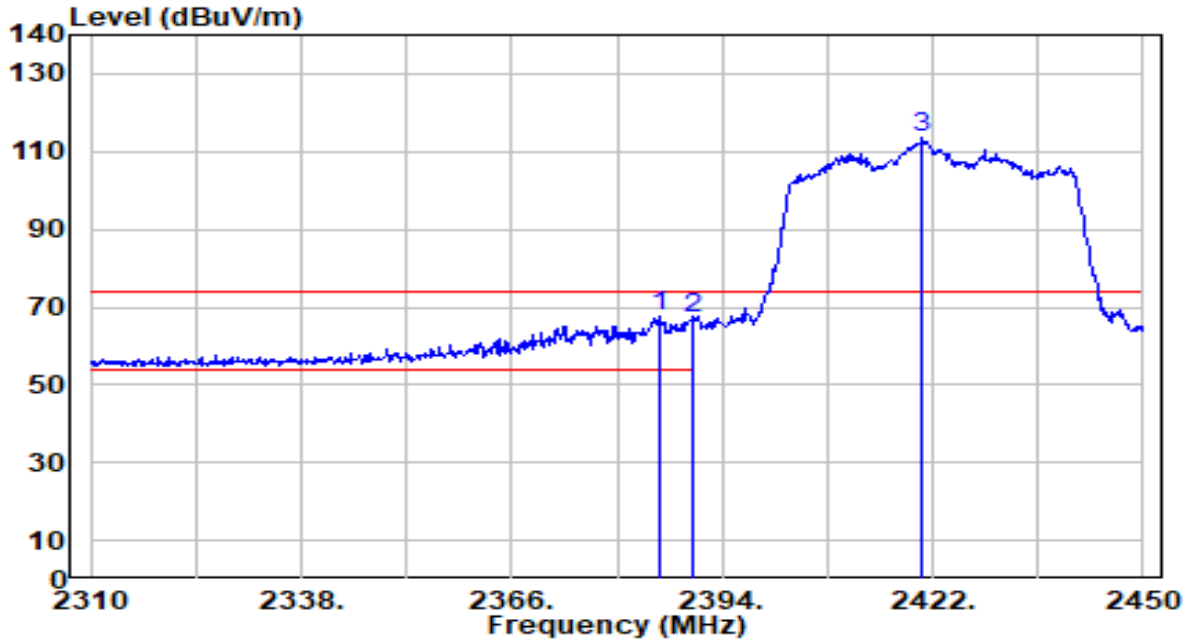



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.460 | 72.32 | 30.83 | 103.15 | N/A | N/A | 211 | 40 | Average |
| 2 | * | 2483.500 | 22.95 | 30.91 | 53.86 | -0.14 | 54.00 | 211 | 40 | Average |
| 3 | | 2484.580 | 21.88 | 30.92 | 52.79 | -1.21 | 54.00 | 211 | 40 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

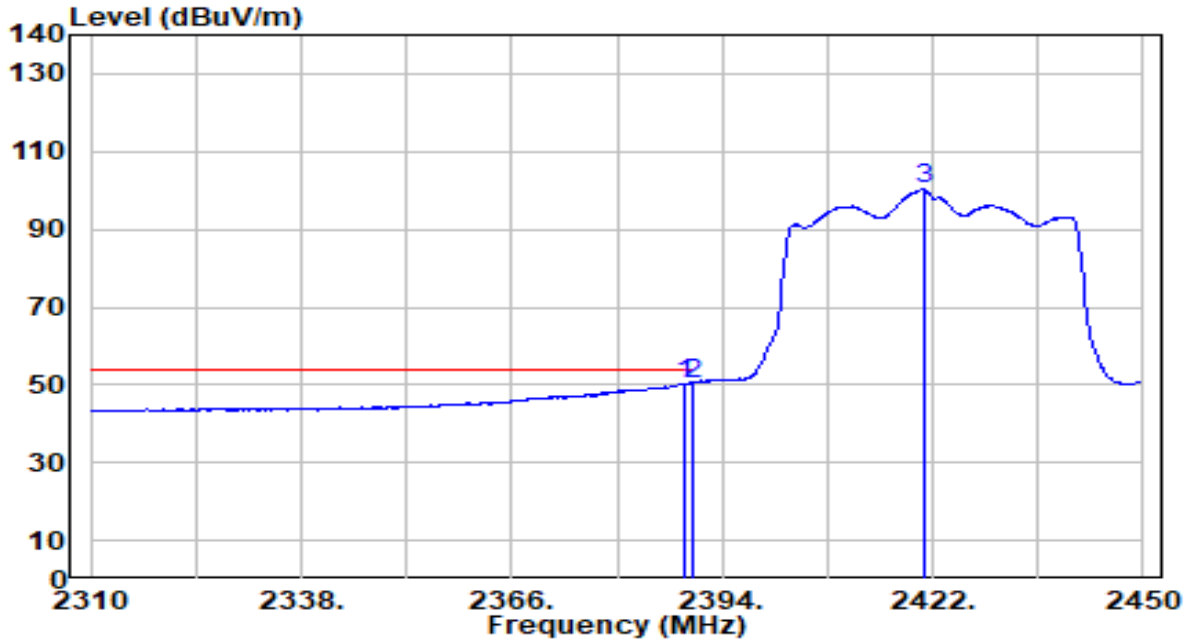



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.740 | 36.96 | 30.61 | 67.57 | -6.43 | 74.00 | 171 | 341 | Peak |
| 2 | | 2390.000 | 36.70 | 30.61 | 67.31 | -6.69 | 74.00 | 171 | 341 | Peak |
| 3 | | 2420.600 | 82.75 | 30.70 | 113.45 | N/A | N/A | 171 | 341 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

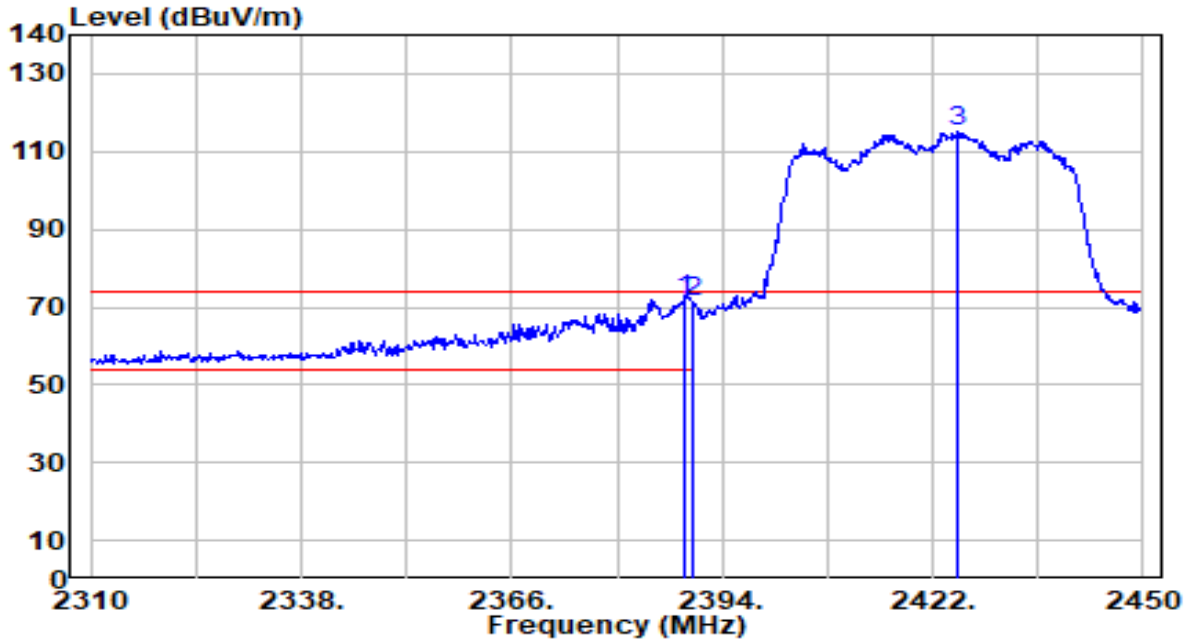



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.960 | 19.55 | 30.61 | 50.16 | -3.84 | 54.00 | 171 | 341 | Average |
| 2 | * | 2390.000 | 19.81 | 30.61 | 50.43 | -3.57 | 54.00 | 171 | 341 | Average |
| 3 | | 2420.740 | 69.60 | 30.70 | 100.30 | N/A | N/A | 171 | 341 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

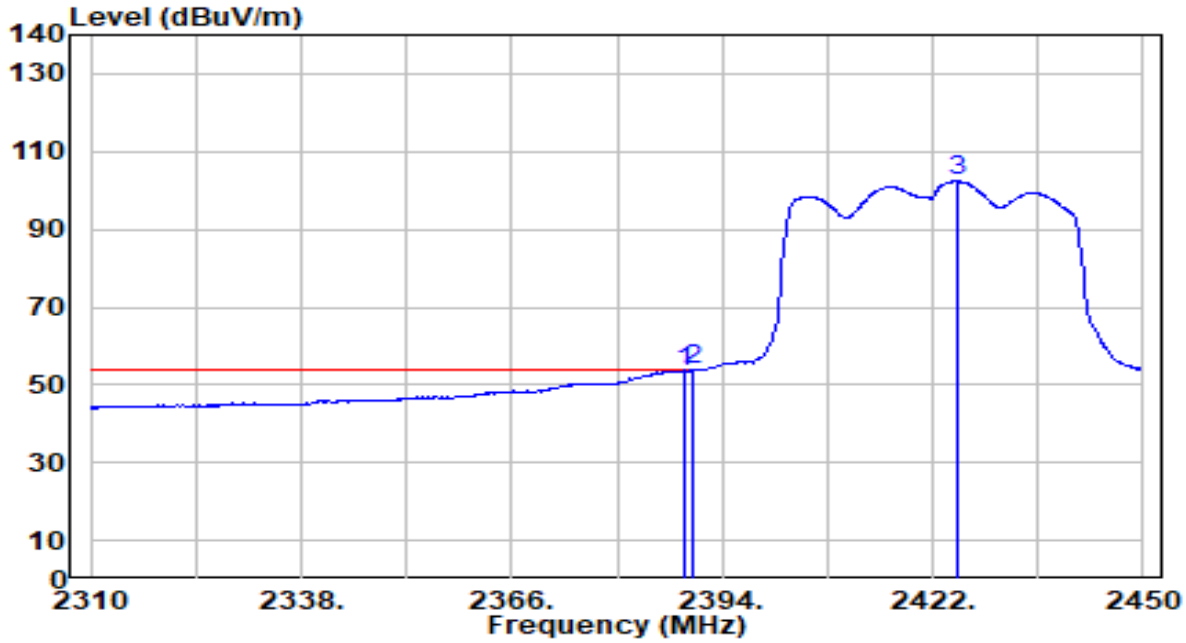



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.820 | 41.47 | 30.61 | 72.08 | -1.92 | 74.00 | 209 | 43 | Peak |
| 2 | | 2390.000 | 40.90 | 30.61 | 71.51 | -2.49 | 74.00 | 209 | 43 | Peak |
| 3 | | 2425.360 | 84.59 | 30.71 | 115.30 | N/A | N/A | 209 | 43 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 3_ANT 0+1 | Test Voltage | AC 120V/60Hz |

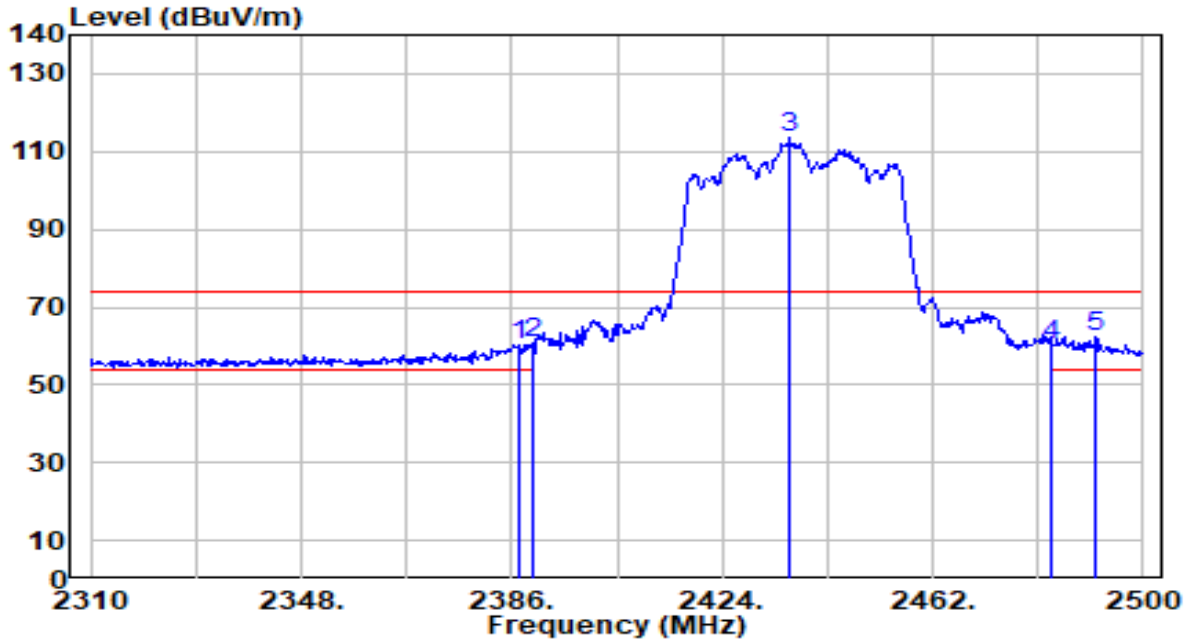



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.820 | 22.85 | 30.61 | 53.46 | -0.54 | 54.00 | 209 | 43 | Average |
| 2 | * | 2390.000 | 23.20 | 30.61 | 53.82 | -0.18 | 54.00 | 209 | 43 | Average |
| 3 | | 2425.220 | 71.71 | 30.71 | 102.42 | N/A | N/A | 209 | 43 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

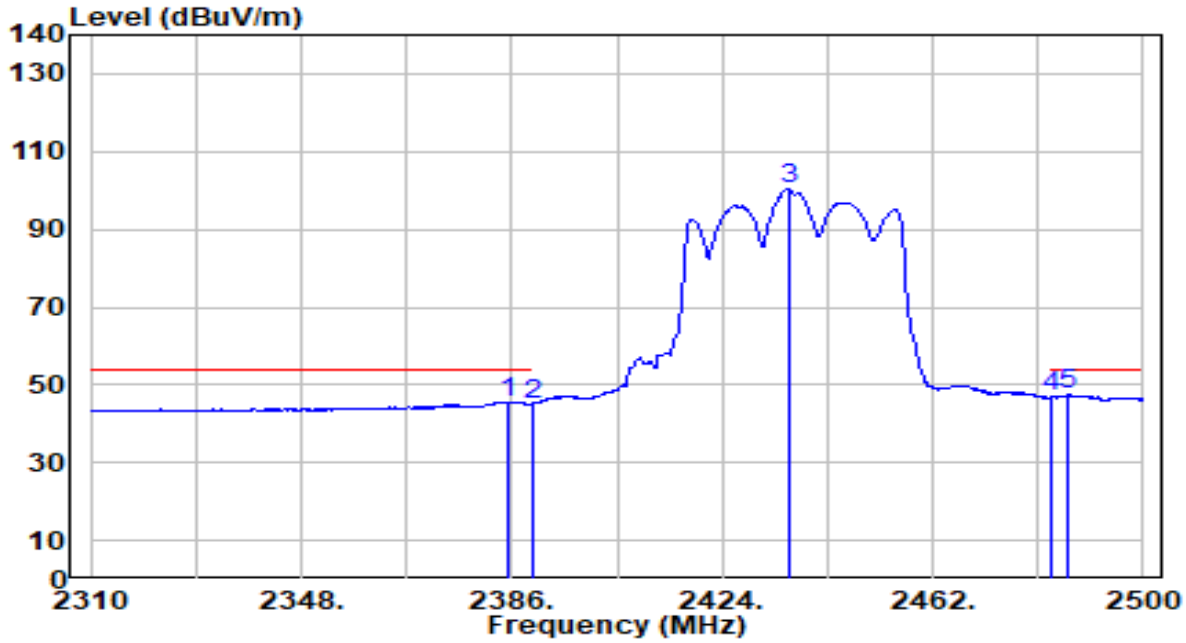



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.520 | 29.57 | 30.61 | 60.18 | -13.82 | 74.00 | 154 | 180 | Peak |
| 2 | | 2390.000 | 30.07 | 30.61 | 60.68 | -13.32 | 74.00 | 154 | 180 | Peak |
| 3 | | 2436.160 | 83.05 | 30.75 | 113.80 | N/A | N/A | 154 | 180 | Peak |
| 4 | | 2483.500 | 29.44 | 30.91 | 60.35 | -13.65 | 74.00 | 154 | 180 | Peak |
| 5 | * | 2491.450 | 31.66 | 30.94 | 62.60 | -11.40 | 74.00 | 154 | 180 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

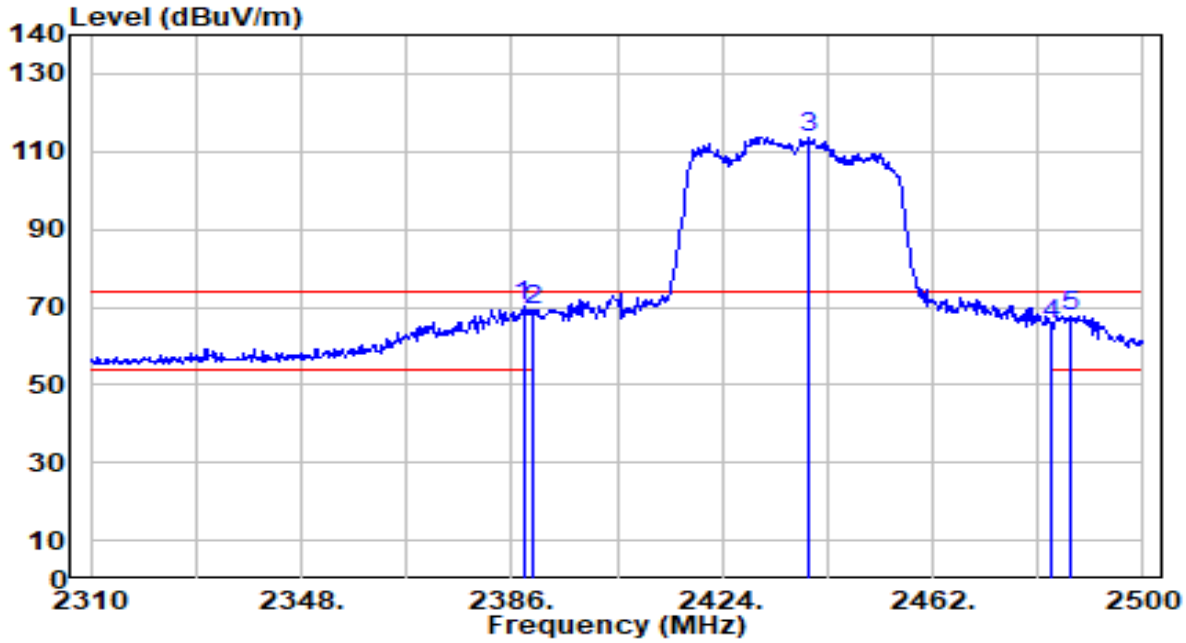



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2385.430 | 15.00 | 30.61 | 45.61 | -8.39 | 54.00 | 154 | 180 | Average |
| 2 | | 2390.000 | 14.50 | 30.61 | 45.12 | -8.88 | 54.00 | 154 | 180 | Average |
| 3 | | 2436.160 | 69.65 | 30.75 | 100.40 | N/A | N/A | 154 | 180 | Average |
| 4 | | 2483.500 | 16.01 | 30.91 | 46.93 | -7.07 | 54.00 | 154 | 180 | Average |
| 5 | * | 2486.510 | 16.50 | 30.92 | 47.43 | -6.57 | 54.00 | 154 | 180 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

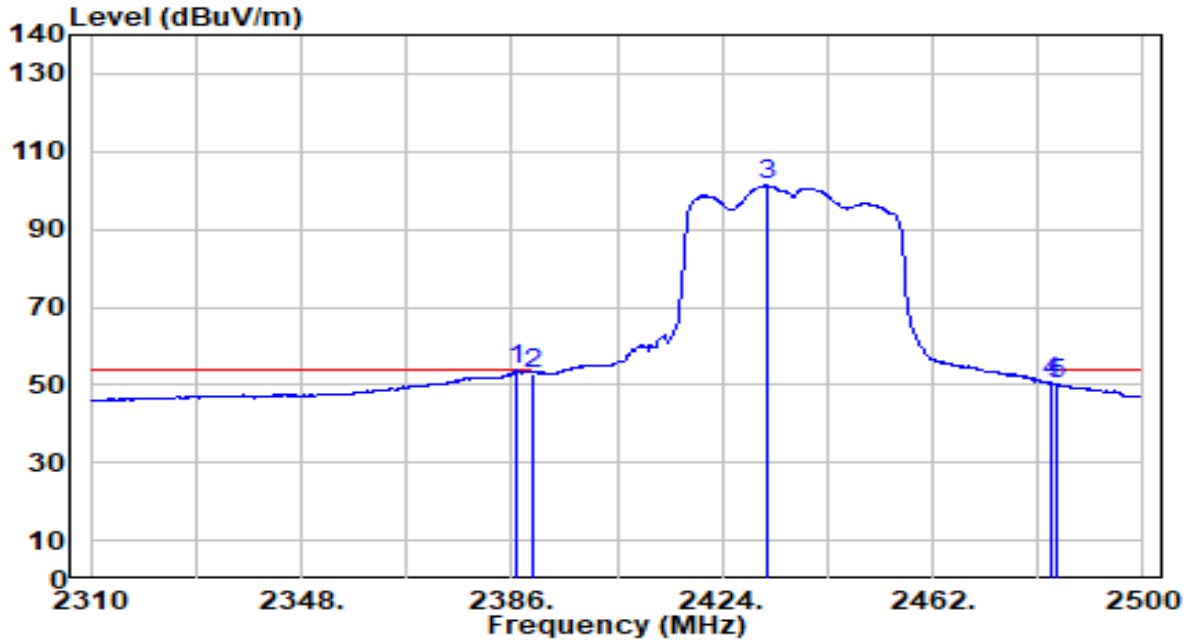



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.090 | 39.86 | 30.61 | 70.47 | -3.53 | 74.00 | 227 | 38 | Peak |
| 2 | | 2390.000 | 38.78 | 30.61 | 69.40 | -4.60 | 74.00 | 227 | 38 | Peak |
| 3 | | 2439.580 | 82.70 | 30.76 | 113.46 | N/A | N/A | 227 | 38 | Peak |
| 4 | | 2483.500 | 34.37 | 30.91 | 65.29 | -8.71 | 74.00 | 227 | 38 | Peak |
| 5 | | 2486.700 | 36.82 | 30.92 | 67.74 | -6.26 | 74.00 | 227 | 38 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |

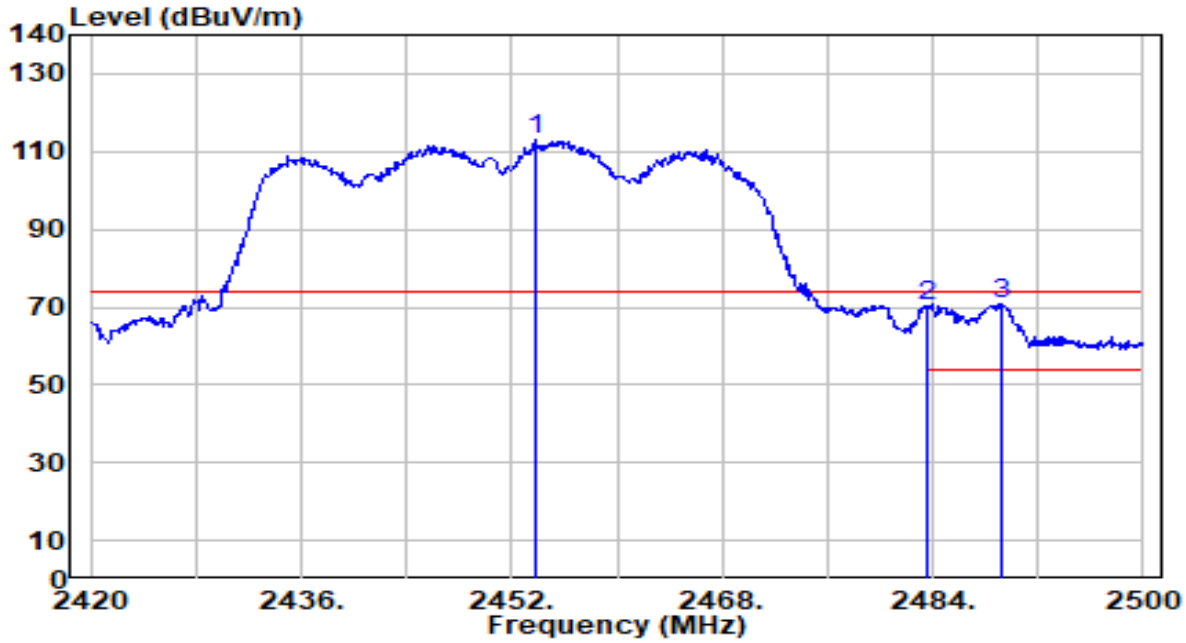



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.950 | 23.26 | 30.61 | 53.87 | -0.13 | 54.00 | 227 | 38 | Average |
| 2 | | 2390.000 | 22.42 | 30.61 | 53.03 | -0.97 | 54.00 | 227 | 38 | Average |
| 3 | | 2431.980 | 70.54 | 30.74 | 101.28 | N/A | N/A | 227 | 38 | Average |
| 4 | | 2483.500 | 19.77 | 30.91 | 50.68 | -3.32 | 54.00 | 227 | 38 | Average |
| 5 | | 2484.420 | 19.14 | 30.92 | 50.06 | -3.94 | 54.00 | 227 | 38 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

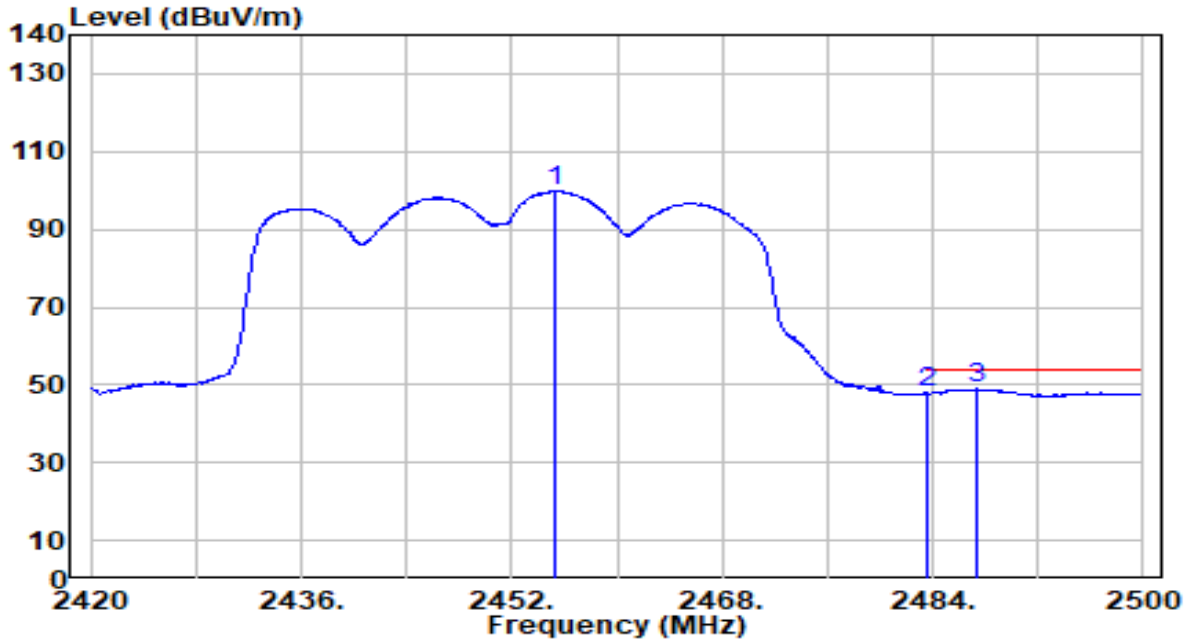



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.760 | 82.25 | 30.81 | 113.06 | N/A | N/A | 113 | 179 | Peak |
| 2 | | 2483.500 | 39.32 | 30.91 | 70.24 | -3.76 | 74.00 | 113 | 179 | Peak |
| 3 | * | 2489.280 | 39.74 | 30.93 | 70.68 | -3.32 | 74.00 | 113 | 179 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

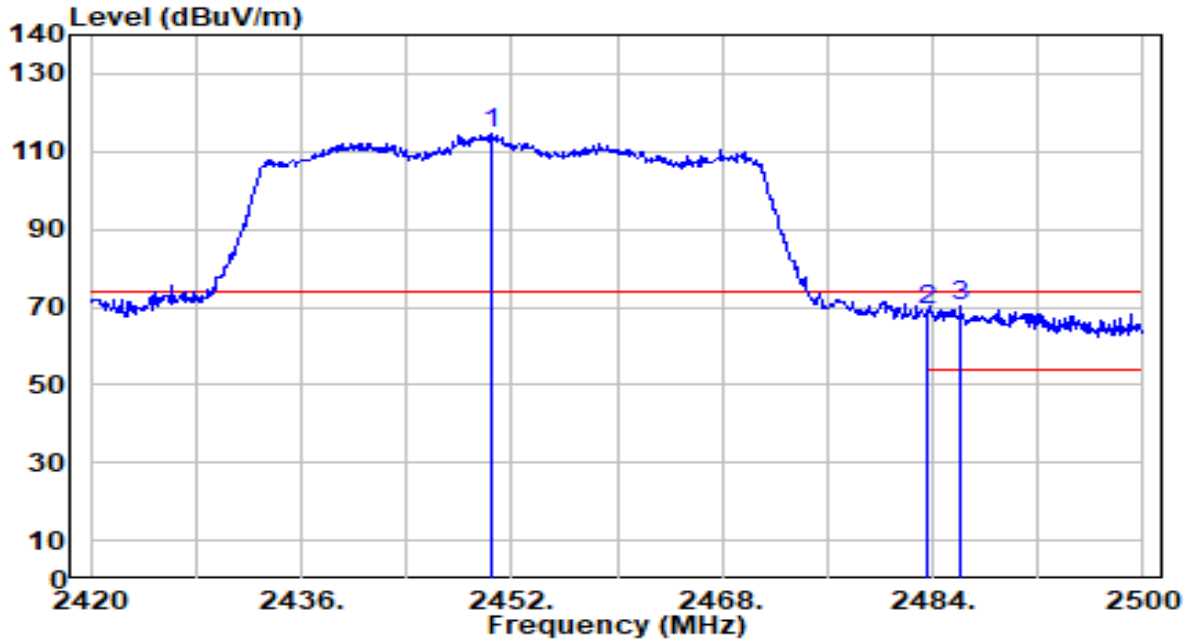



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.360 | 68.98 | 30.82 | 99.80 | N/A | N/A | 113 | 179 | Average |
| 2 | | 2483.500 | 16.96 | 30.91 | 47.88 | -6.12 | 54.00 | 113 | 179 | Average |
| 3 | * | 2487.280 | 17.96 | 30.93 | 48.89 | -5.11 | 54.00 | 113 | 179 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | Test Voltage | AC 120V/60Hz |

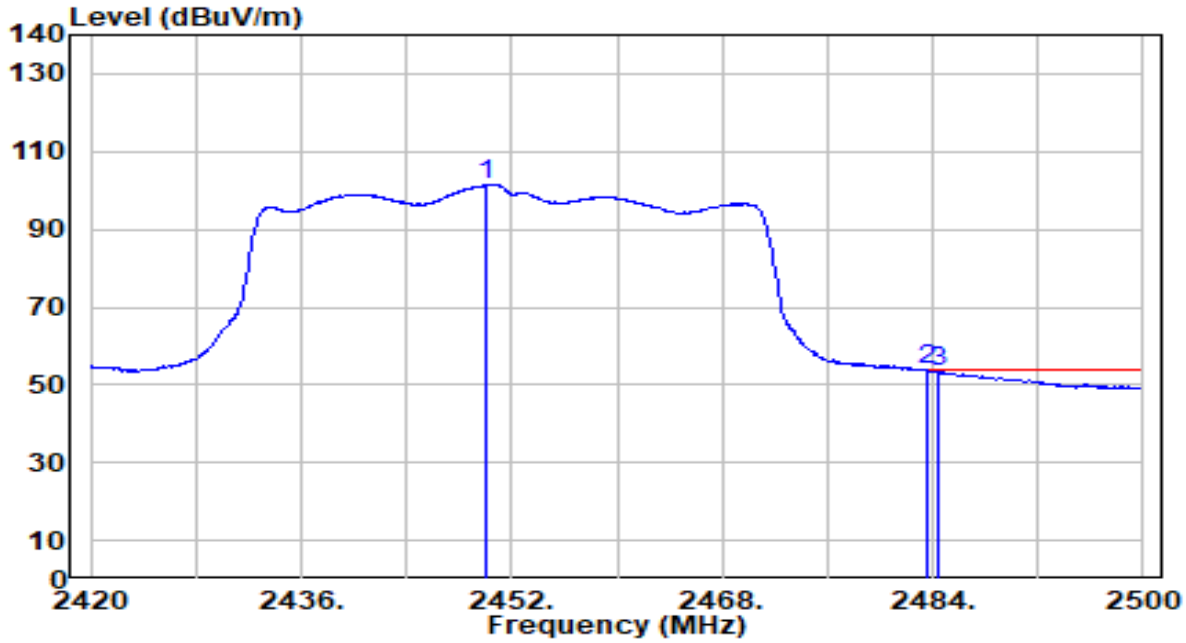



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.560 | 83.63 | 30.80 | 114.43 | N/A | N/A | 217 | 43 | Peak |
| 2 | | 2483.500 | 38.26 | 30.91 | 69.18 | -4.82 | 74.00 | 217 | 43 | Peak |
| 3 | * | 2486.080 | 39.60 | 30.92 | 70.52 | -3.48 | 74.00 | 217 | 43 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-20 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 20°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11ax-40MHz_TX_CH 9_ANT 0+1 | 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 | 70.71 | 30.80 | 101.51 | N/A | N/A | 217 | 43 | Average |
| 2 | * | 2483.500 | 22.90 | 30.91 | 53.81 | -0.19 | 54.00 | 217 | 43 | Average |
| 3 | | 2484.480 | 22.25 | 30.92 | 53.16 | -0.84 | 54.00 | 217 | 43 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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

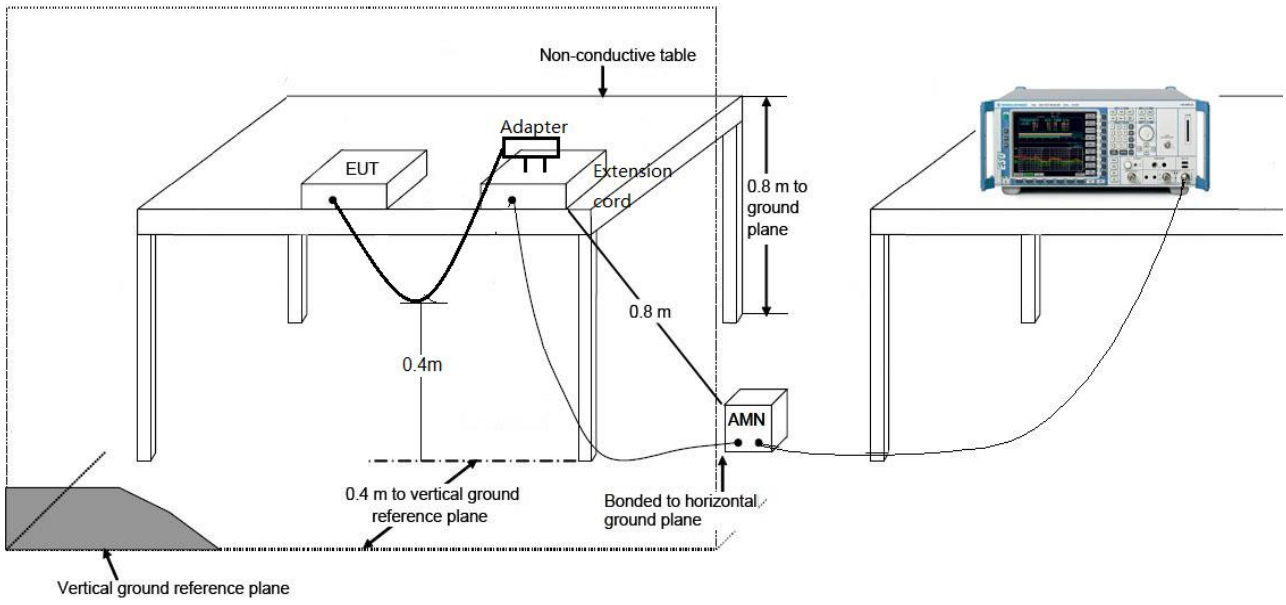
### 7.8.1.Test Limit

| 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.

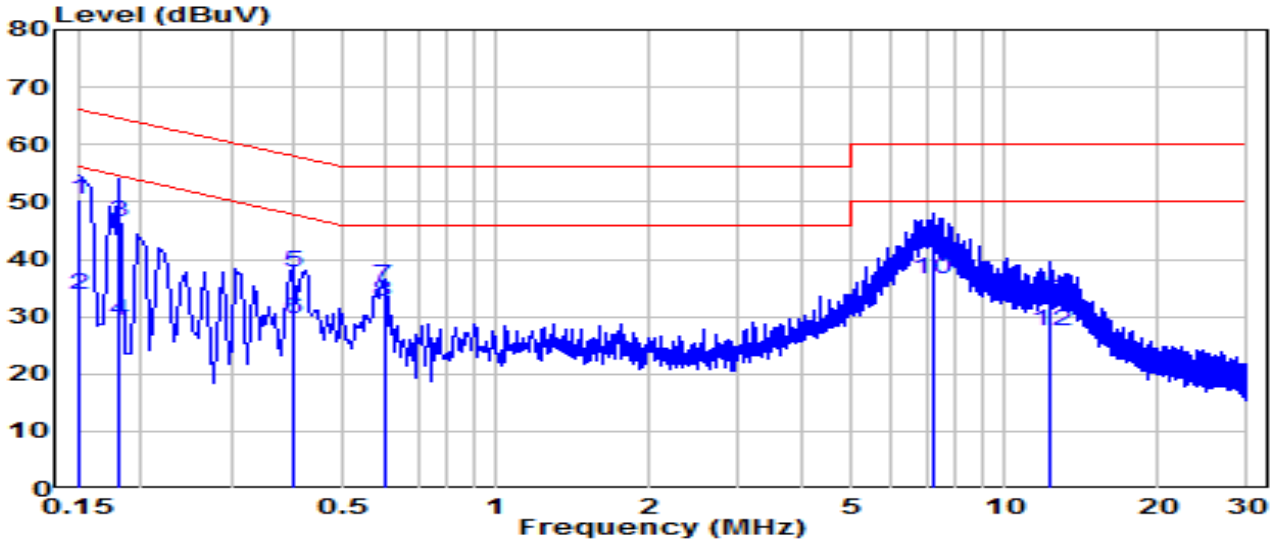
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.8.2.Test Setup



### 7.8.3.Test Result

| EUT | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-27 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 21.7°C /52% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.150 | 40.86 | 9.62 | 50.48 | -15.52 | 66.00 | QP |
| 2 | | 0.150 | 24.08 | 9.62 | 33.70 | -22.30 | 56.00 | Average |
| 3 | | 0.181 | 36.85 | 9.62 | 46.48 | -17.94 | 64.42 | QP |
| 4 | | 0.181 | 19.61 | 9.62 | 29.23 | -25.19 | 54.42 | Average |
| 5 | | 0.397 | 28.07 | 9.63 | 37.70 | -20.20 | 57.91 | QP |
| 6 | | 0.397 | 20.01 | 9.63 | 29.65 | -18.26 | 47.91 | Average |
| 7 | * | 0.600 | 25.52 | 9.65 | 35.17 | -20.83 | 56.00 | QP |
| 8 | * | 0.600 | 23.08 | 9.65 | 32.73 | -13.27 | 46.00 | Average |
| 9 | | 7.201 | 32.49 | 9.80 | 42.29 | -17.71 | 60.00 | QP |
| 10 | | 7.201 | 26.87 | 9.80 | 36.67 | -13.33 | 50.00 | Average |
| 11 | | 12.227 | 23.38 | 9.87 | 33.26 | -26.74 | 60.00 | QP |
| 12 | | 12.227 | 17.62 | 9.87 | 27.49 | -22.51 | 50.00 | Average |

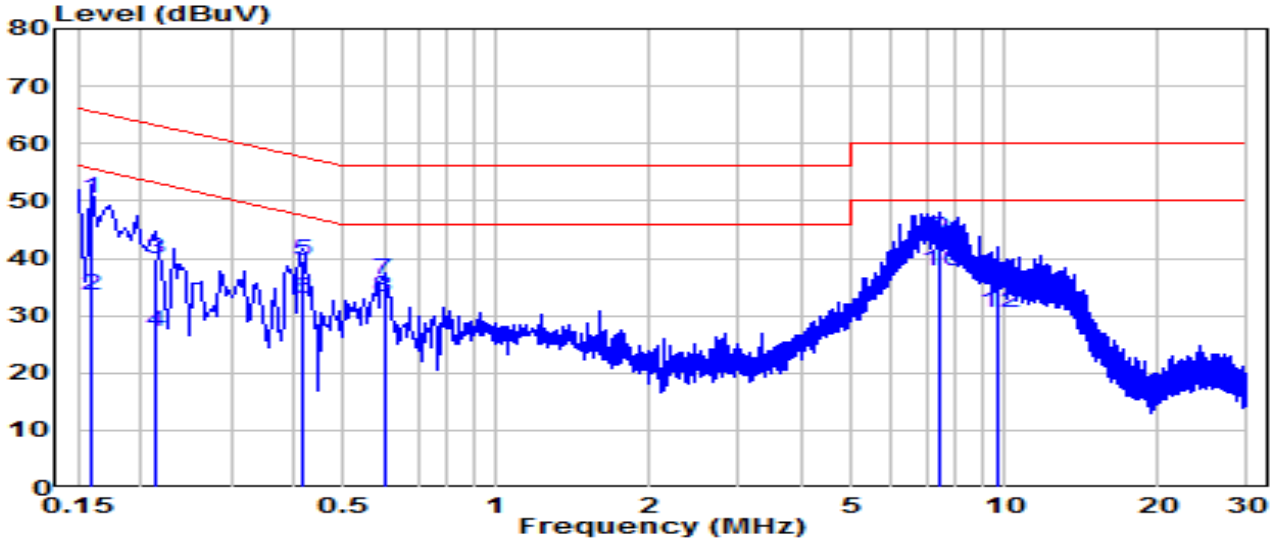
Note:

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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-27 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 21.7°C /52% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | 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 | 40.85 | 9.62 | 50.47 | -15.05 | 65.52 | QP |
| 2 | | 0.159 | 24.01 | 9.62 | 33.63 | -21.89 | 55.52 | Average |
| 3 | | 0.213 | 30.17 | 9.62 | 39.80 | -23.29 | 63.09 | QP |
| 4 | | 0.213 | 17.69 | 9.62 | 27.31 | -25.77 | 53.09 | Average |
| 5 | | 0.415 | 29.83 | 9.64 | 39.46 | -18.07 | 57.54 | QP |
| 6 | | 0.415 | 23.34 | 9.64 | 32.98 | -14.56 | 47.54 | Average |
| 7 | | 0.600 | 26.45 | 9.65 | 36.10 | -19.90 | 56.00 | QP |
| 8 | | 0.600 | 23.50 | 9.65 | 33.15 | -12.85 | 46.00 | Average |
| 9 | * | 7.475 | 33.56 | 9.81 | 43.36 | -16.64 | 60.00 | QP |
| 10 | * | 7.475 | 27.97 | 9.81 | 37.78 | -12.22 | 50.00 | Average |
| 11 | | 9.707 | 25.55 | 9.86 | 35.41 | -24.59 | 60.00 | QP |
| 12 | | 9.707 | 20.61 | 9.86 | 30.48 | -19.52 | 50.00 | Average |

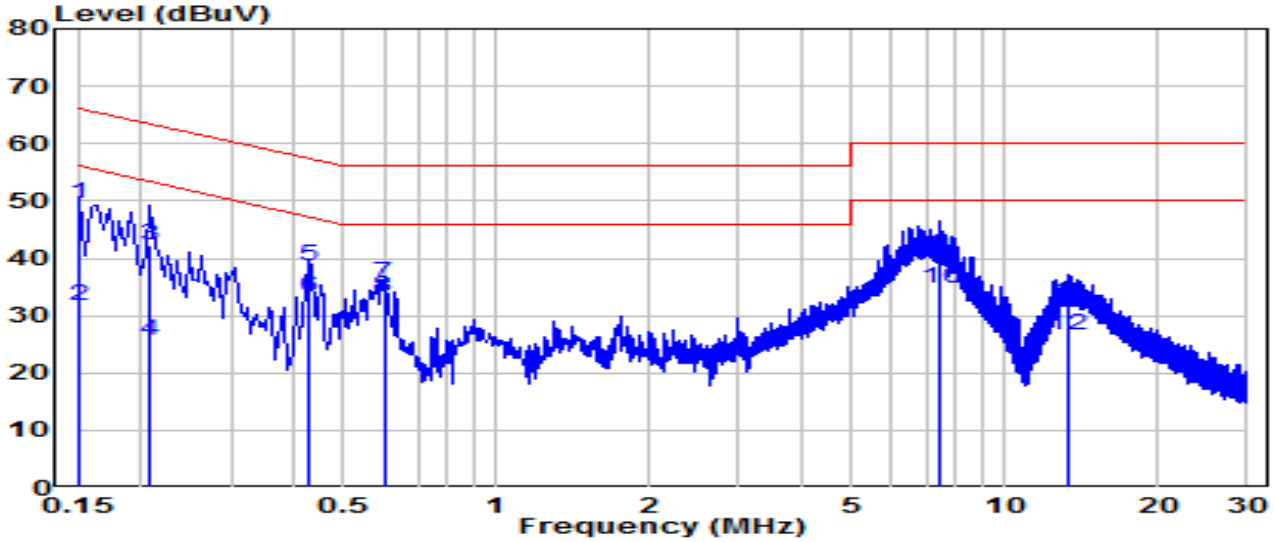
Note:

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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-27 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 21.7°C /52% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 240V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.150 | 39.85 | 9.62 | 49.47 | -16.53 | 66.00 | QP |
| 2 | | 0.150 | 21.99 | 9.62 | 31.61 | -24.39 | 56.00 | Average |
| 3 | | 0.208 | 32.56 | 9.62 | 42.18 | -21.08 | 63.27 | QP |
| 4 | | 0.208 | 16.15 | 9.62 | 25.77 | -27.50 | 53.27 | Average |
| 5 | | 0.429 | 29.10 | 9.64 | 38.74 | -18.53 | 57.27 | QP |
| 6 | | 0.429 | 23.64 | 9.64 | 33.28 | -14.00 | 47.27 | Average |
| 7 | * | 0.600 | 25.92 | 9.65 | 35.57 | -20.43 | 56.00 | QP |
| 8 | * | 0.600 | 23.65 | 9.65 | 33.30 | -12.70 | 46.00 | Average |
| 9 | | 7.439 | 30.71 | 9.80 | 40.51 | -19.49 | 60.00 | QP |
| 10 | | 7.439 | 24.98 | 9.80 | 34.78 | -15.22 | 50.00 | Average |
| 11 | | 13.266 | 22.11 | 9.88 | 31.99 | -28.01 | 60.00 | QP |
| 12 | | 13.266 | 16.70 | 9.88 | 26.58 | -23.42 | 50.00 | Average |

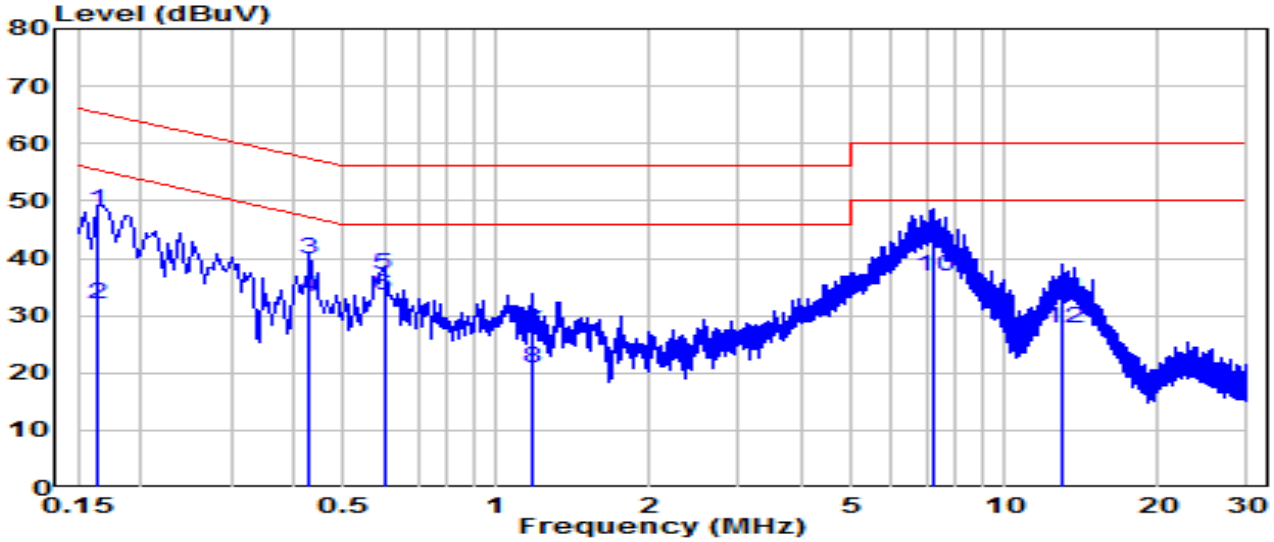
Note:

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 | AX5400 Whole Home Mesh Wi-Fi 6 System | Date of Test | 2022-12-27 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 21.7°C /52% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_ANT 0+1 | Test Voltage | AC 240V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.163 | 38.74 | 9.62 | 48.36 | -16.92 | 65.28 | QP |
| 2 | | 0.163 | 22.39 | 9.62 | 32.01 | -23.27 | 55.28 | Average |
| 3 | | 0.429 | 30.16 | 9.64 | 39.80 | -17.47 | 57.27 | QP |
| 4 | | 0.429 | 23.45 | 9.64 | 33.08 | -14.19 | 47.27 | Average |
| 5 | * | 0.600 | 27.58 | 9.65 | 37.23 | -18.77 | 56.00 | QP |
| 6 | * | 0.600 | 23.81 | 9.65 | 33.45 | -12.55 | 46.00 | Average |
| 7 | | 1.176 | 17.58 | 9.67 | 27.25 | -28.75 | 56.00 | QP |
| 8 | | 1.176 | 11.10 | 9.67 | 20.78 | -25.22 | 46.00 | Average |
| 9 | | 7.205 | 32.80 | 9.80 | 42.60 | -17.40 | 60.00 | QP |
| 10 | | 7.205 | 27.11 | 9.80 | 36.91 | -13.09 | 50.00 | Average |
| 11 | | 13.041 | 22.86 | 9.91 | 32.76 | -27.24 | 60.00 | QP |
| 12 | | 13.041 | 17.84 | 9.91 | 27.74 | -22.26 | 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 “2212TW0118-Setup Photo” file.

# Appendix B : External Photograph

Refer to “2212TW0118-External Photo” file.

# Appendix C : Internal Photograph

Refer to “2212TW0118-Internal Photo” file.