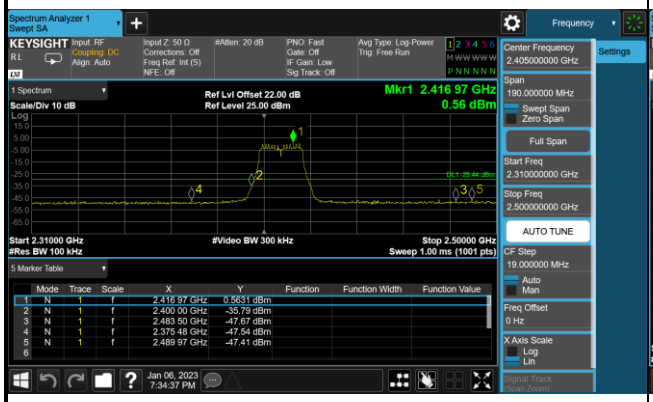
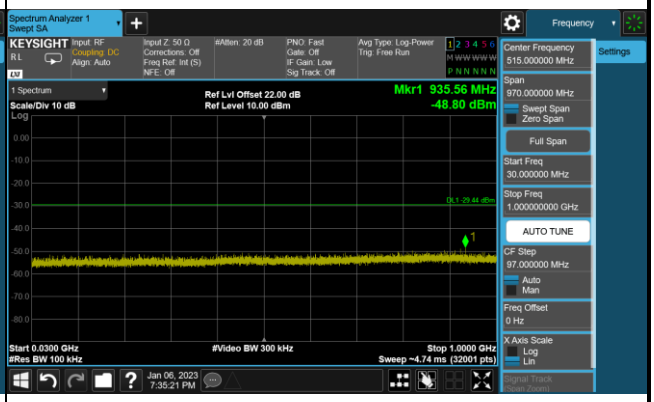
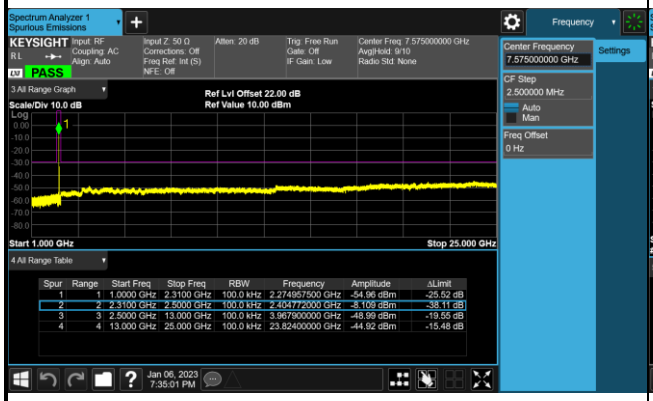
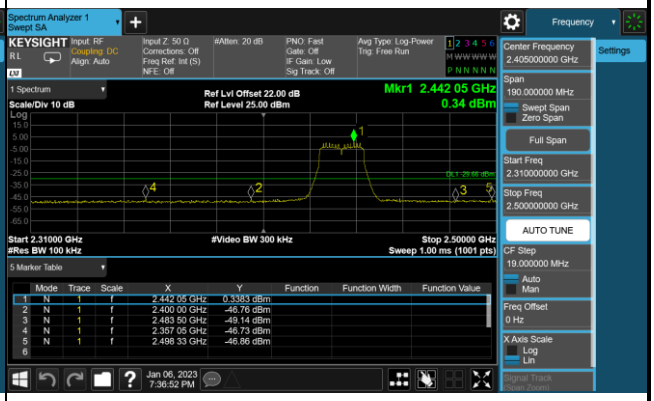
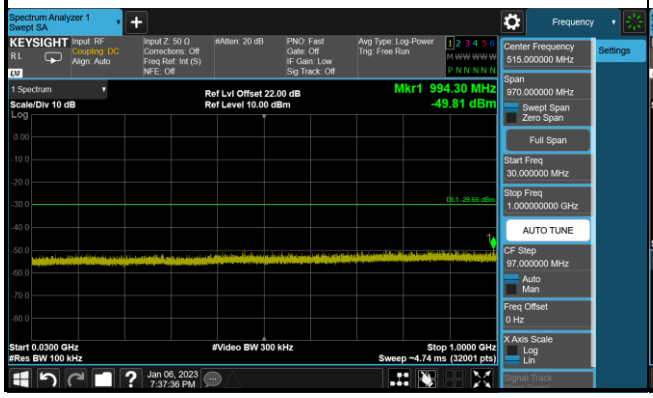
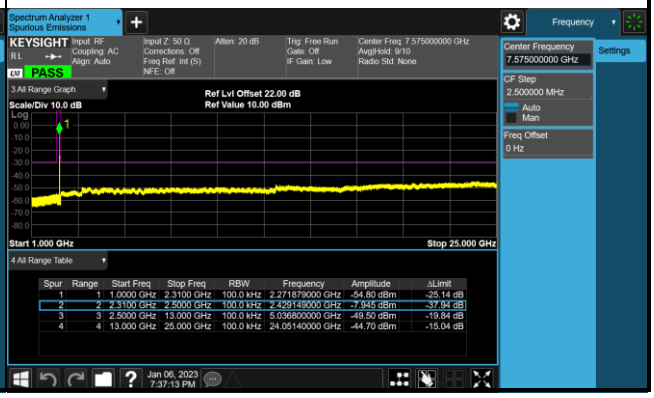
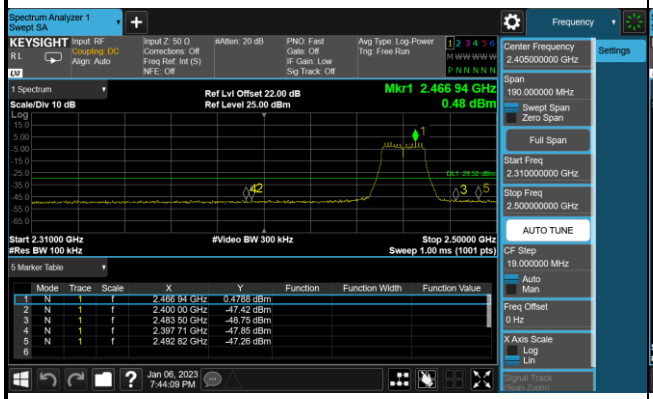
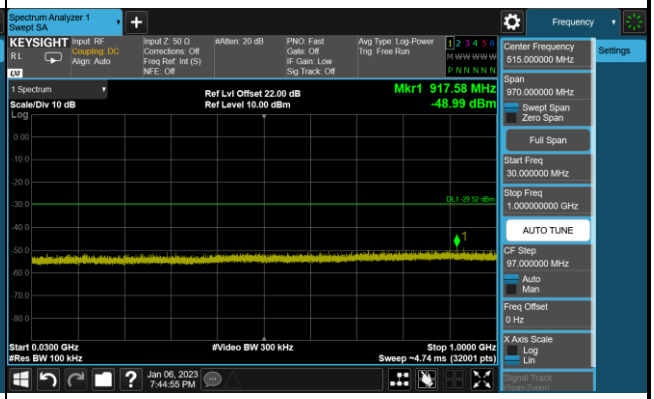
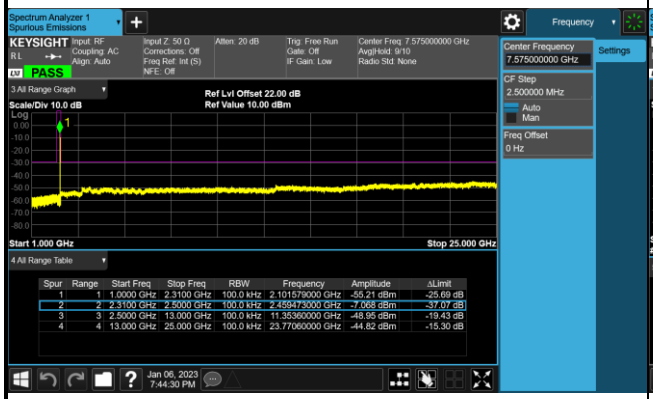
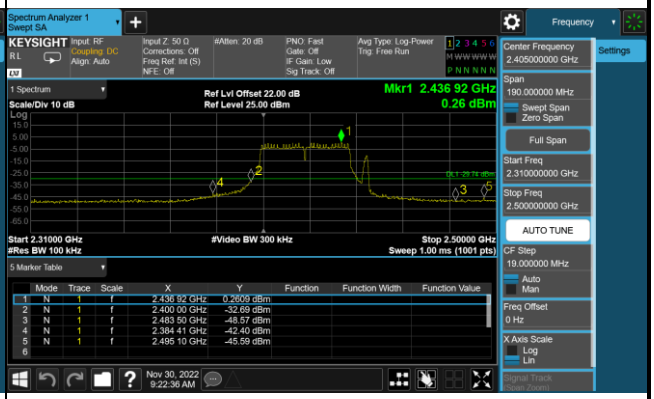
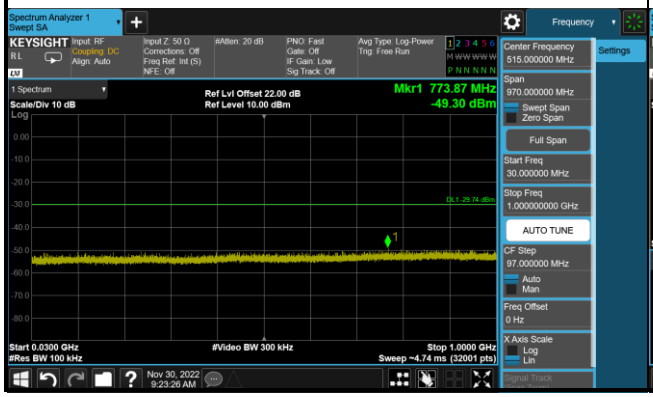
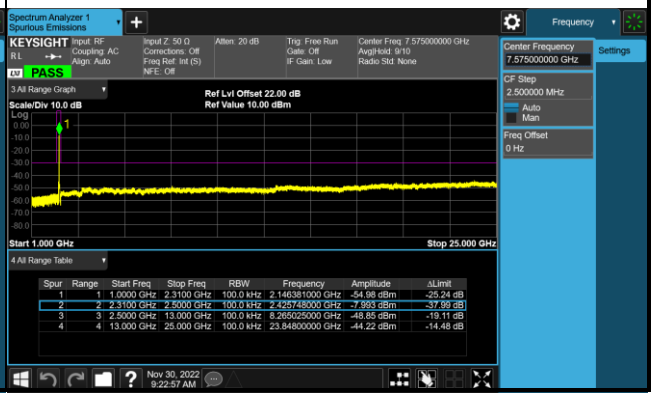
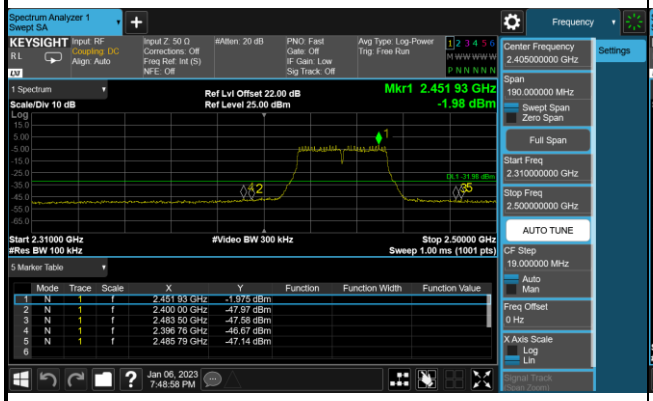
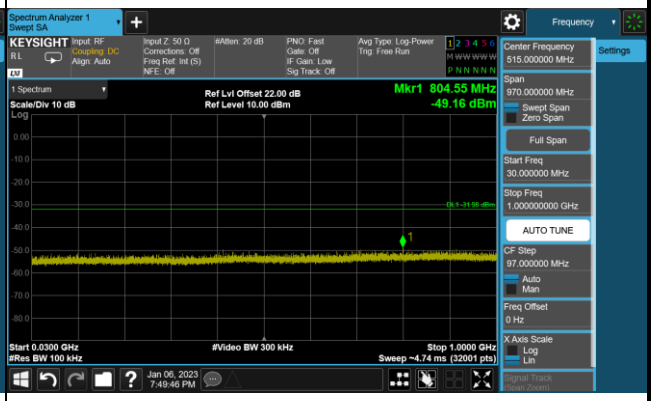
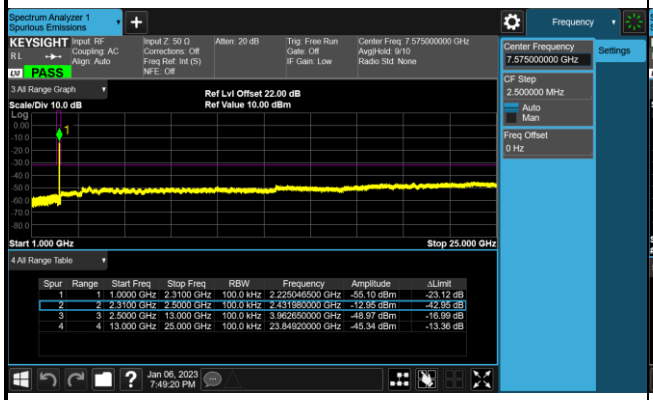
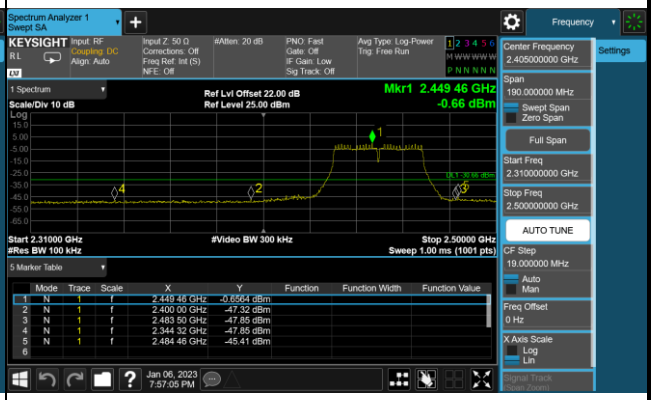
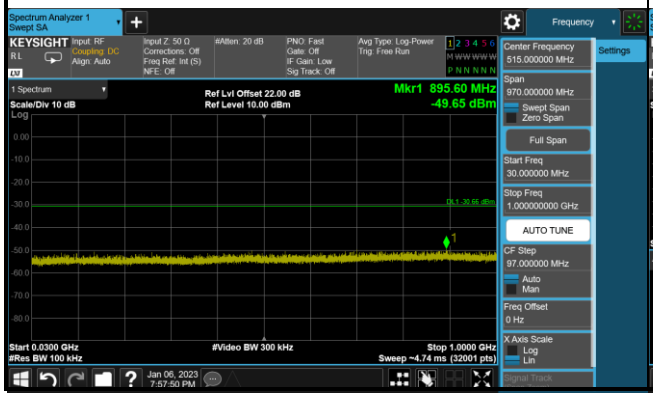
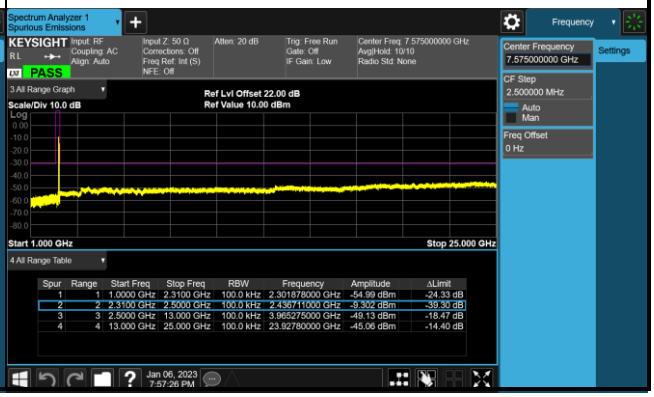
| Antenna 1 | |
|---|---|
| 802.11 n20 CH01 (2412MHz) | 802.11 n20 CH01 (2412MHz) |
|  |  |
| 802.11 n20 CH01 (2412MHz) | 802.11 n20 CH06 (2437MHz) |
|  |  |
| 802.11 n20 CH06 (2437MHz) | 802.11 n20 CH06 (2437MHz) |
|  |  |

| 802.11 n20 CH11 (2462MHz) | 802.11 n20 CH11 (2462MHz) |
|---|---|
|  |  |
| **802.11 n20 CH11 (2462MHz)** | **802.11 n40 CH03 (2422MHz)** |
|  |  |
| **802.11 n40 CH03 (2422MHz)** | **802.11 n40 CH03 (2422MHz)** |
|  |  |

| 802.11 n40 CH06 (2437MHz) | 802.11 n40 CH06 (2437MHz) |
|---|---|
|  |  |
| **802.11 n40 CH06 (2437MHz)** | **802.11 n40 CH09 (2452MHz)** |
|  |  |
| **802.11 n40 CH09 (2452MHz)** | **802.11 n40 CH09 (2452MHz)** |
|  |  |

## 7.6. Radiated Spurious Emission Measurement

### 7.6.1.Test Limit

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

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

### 7.6.2.Test Procedure Used

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

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

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

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

### 7.6.3.Test Setting

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

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

**Quasi-Peak Measurements below 1GHz**

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

**Peak Measurements above 1GHz**

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

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

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

2. RBW = 1MHz

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

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

4. Detector = Peak

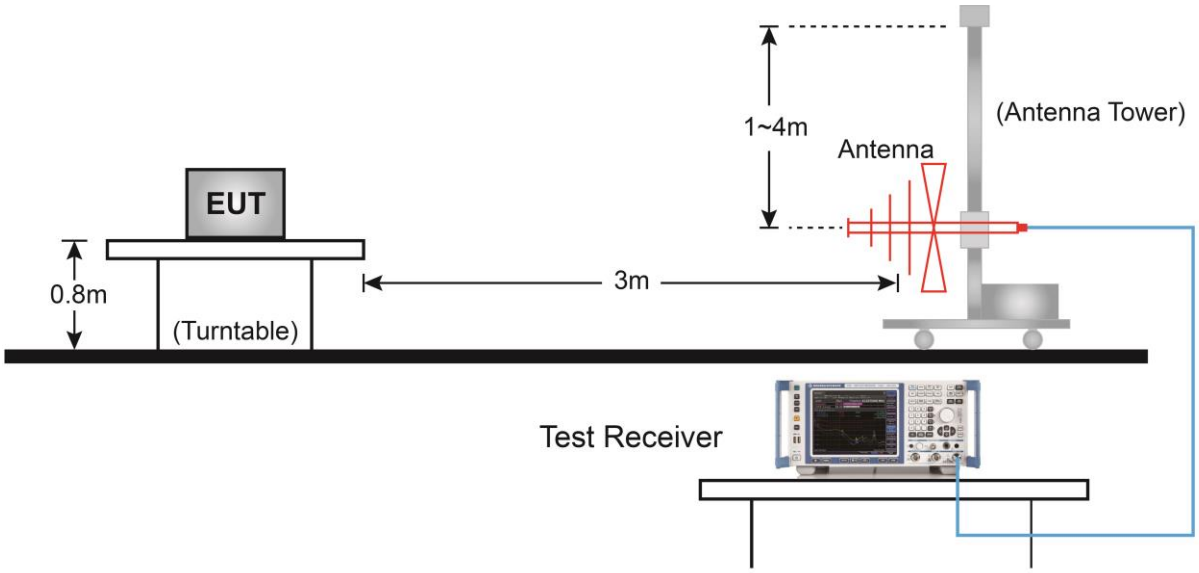
5. Sweep time = auto

6. Trace mode = max hold

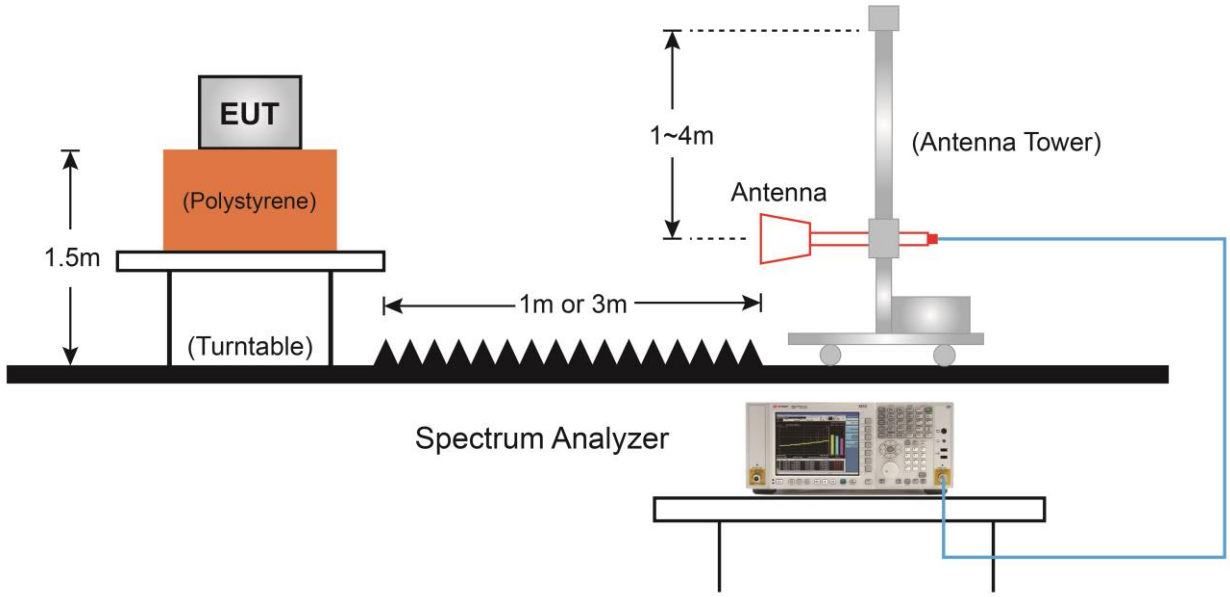
7. Trace was allowed to stabilize

### 7.6.4.Test Setup

Below 1GHz Test Setup:

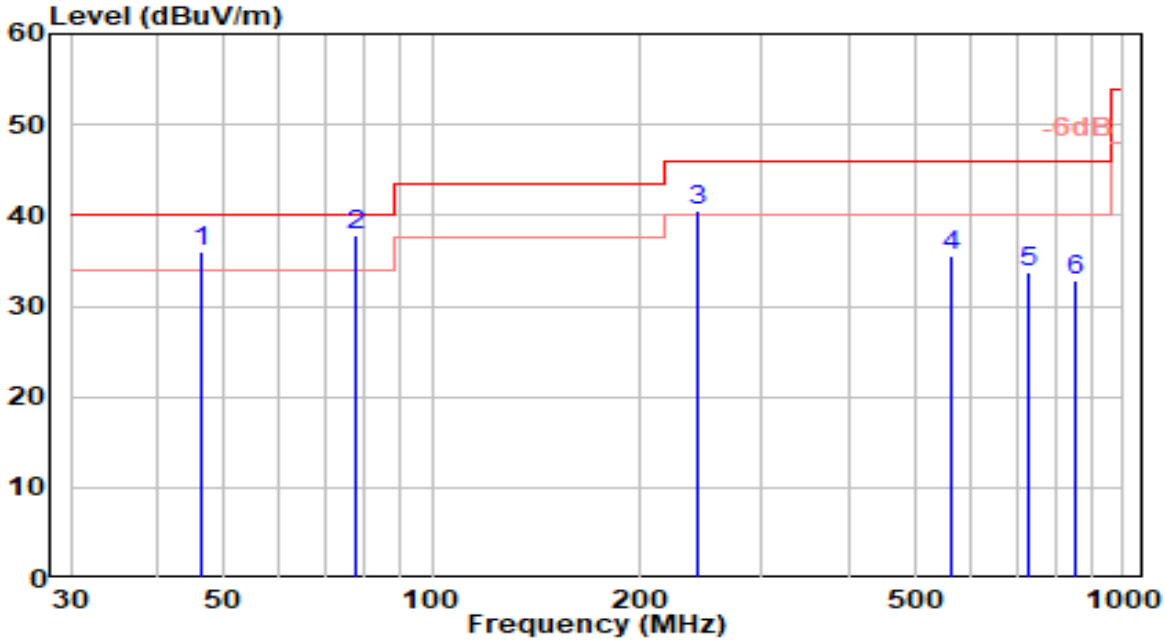



Above 1GHz Test Setup:



### 7.6.5.Test Result

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-25 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

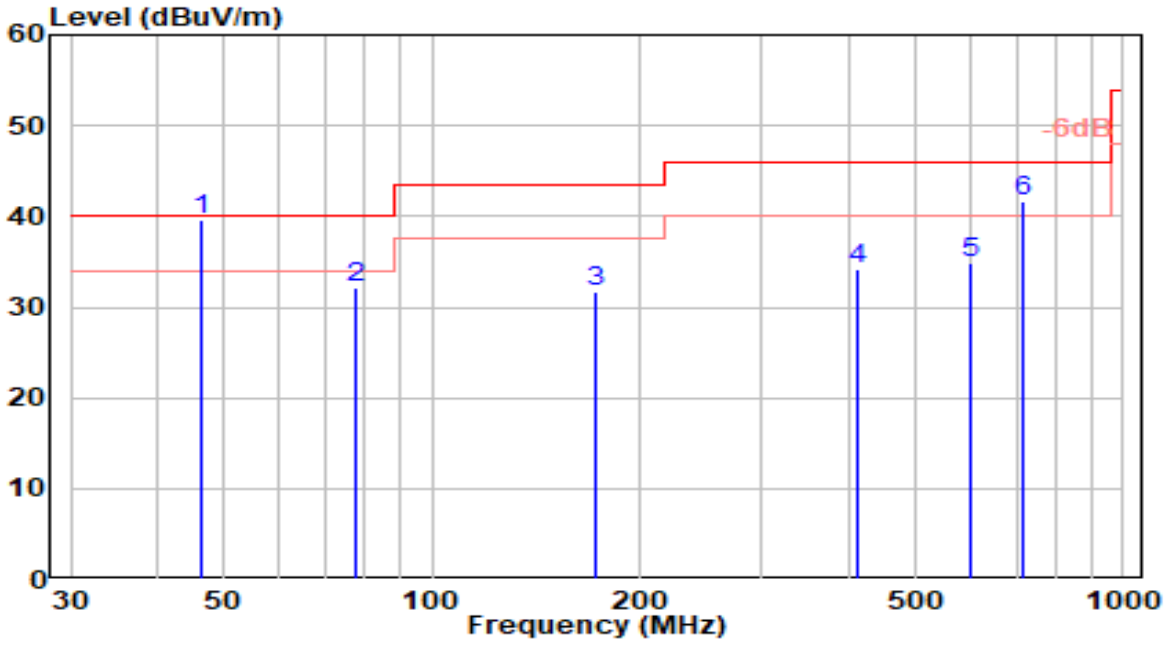



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 46.490 | 14.50 | 21.51 | 36.01 | -3.99 | 40.00 | 200 | 310 | QP |
| 2 | * | 77.530 | 23.10 | 14.82 | 37.92 | -2.08 | 40.00 | 200 | 225 | QP |
| 3 | | 241.460 | 20.13 | 20.38 | 40.51 | -5.49 | 46.00 | 100 | 360 | QP |
| 4 | | 566.410 | 8.77 | 26.83 | 35.61 | -10.39 | 46.00 | 150 | 45 | QP |
| 5 | | 726.460 | 4.54 | 29.28 | 33.83 | -12.17 | 46.00 | 200 | 165 | QP |
| 6 | | 856.440 | 1.83 | 31.01 | 32.84 | -13.16 | 46.00 | 200 | 80 | QP |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-25 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

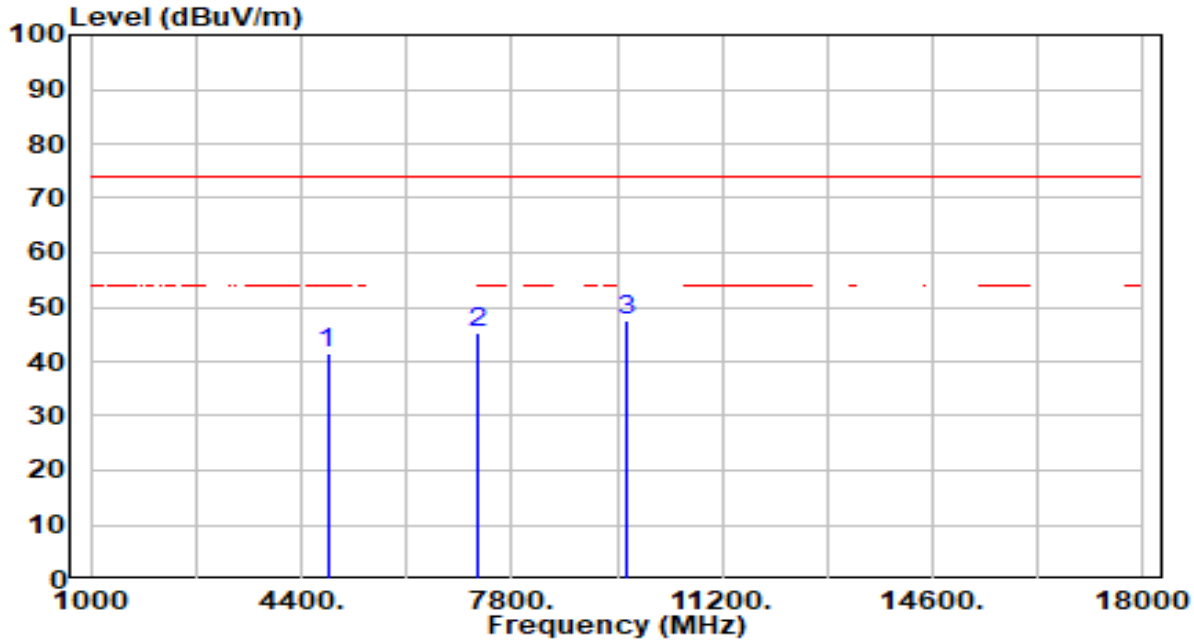



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 46.490 | 17.20 | 21.51 | 38.71 | -1.29 | 40.00 | 100 | 250 | QP |
| 2 | | 77.530 | 17.42 | 14.82 | 32.24 | -7.76 | 40.00 | 200 | 130 | QP |
| 3 | | 172.590 | 14.89 | 16.77 | 31.65 | -11.85 | 43.50 | 200 | 90 | QP |
| 4 | | 414.120 | 10.03 | 24.15 | 34.18 | -11.82 | 46.00 | 100 | 360 | QP |
| 5 | | 600.360 | 7.07 | 27.70 | 34.78 | -11.22 | 46.00 | 125 | 360 | QP |
| 6 | | 714.820 | 12.46 | 29.12 | 41.58 | -4.42 | 46.00 | 200 | 0 | QP |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

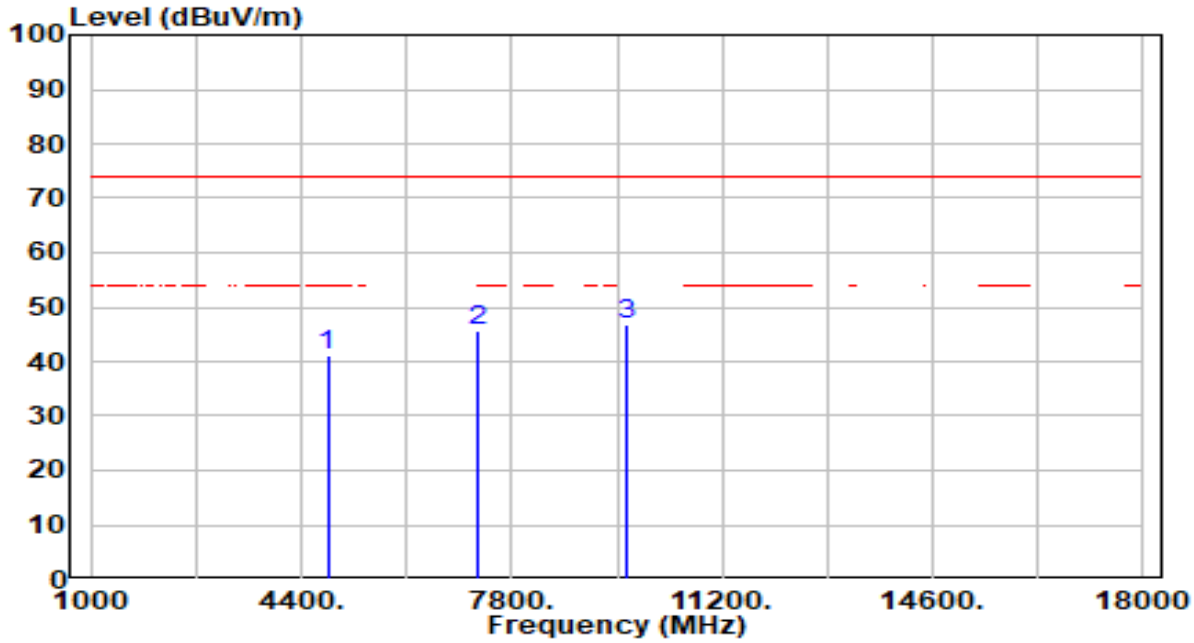



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 41.08 | 0.25 | 41.33 | -32.67 | 74.00 | 200 | 360 | Peak |
| 2 | | 7236.000 | 39.39 | 5.81 | 45.21 | -28.79 | 74.00 | 200 | 75 | Peak |
| 3 | * | 9648.000 | 42.35 | 5.32 | 47.68 | -26.32 | 74.00 | 200 | 20 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

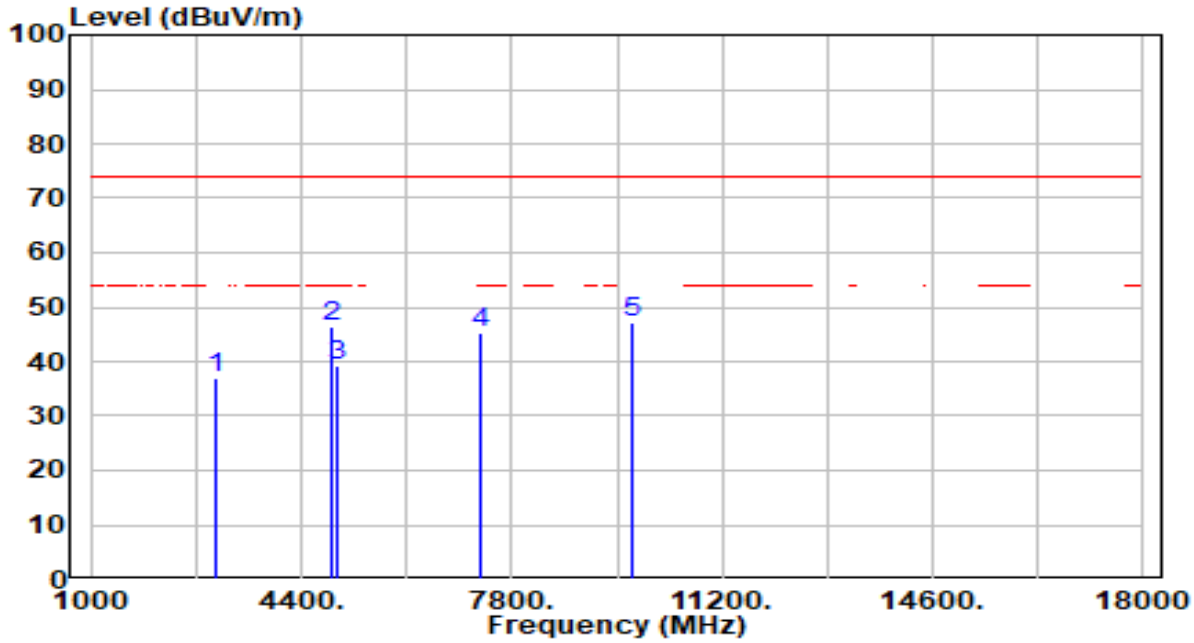



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 40.91 | 0.25 | 41.16 | -32.84 | 74.00 | 200 | 20 | Peak |
| 2 | | 7236.000 | 40.02 | 5.81 | 45.83 | -28.17 | 74.00 | 200 | 70 | Peak |
| 3 | * | 9648.000 | 41.55 | 5.32 | 46.87 | -27.13 | 74.00 | 200 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

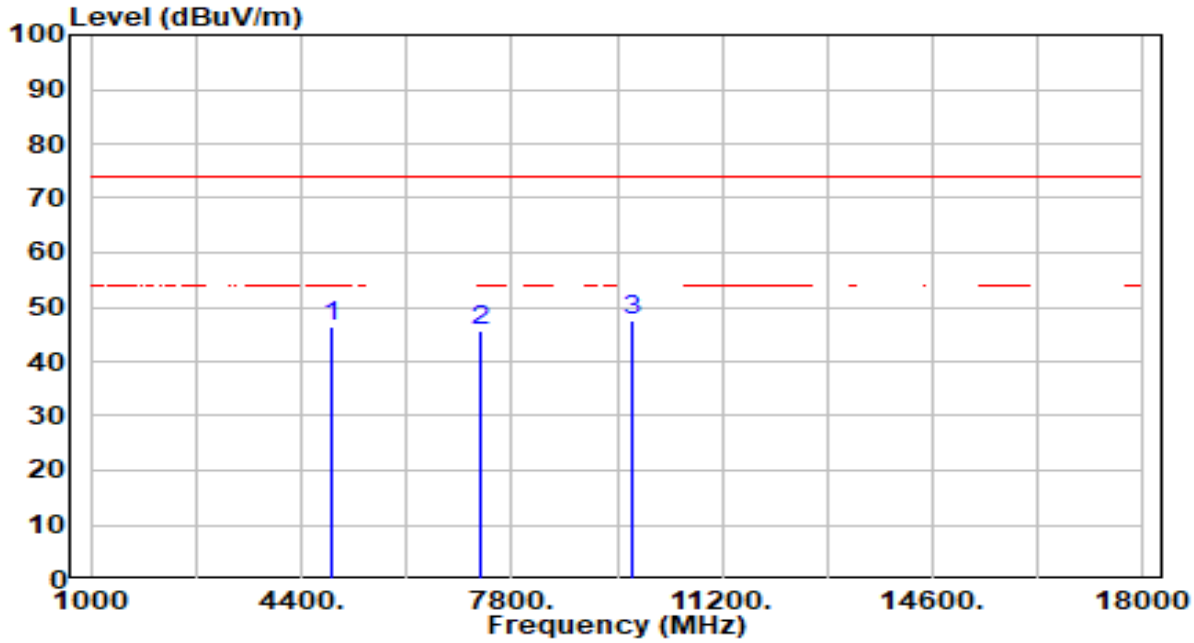



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 3000.000 | 39.93 | -3.07 | 36.86 | -37.14 | 74.00 | 200 | 155 | Peak |
| 2 | | 4874.000 | 46.22 | 0.35 | 46.58 | -27.42 | 74.00 | 200 | 245 | Peak |
| 3 | | 4986.000 | 38.79 | 0.58 | 39.38 | -34.62 | 74.00 | 200 | 310 | Peak |
| 4 | | 7311.000 | 39.51 | 5.79 | 45.30 | -28.70 | 74.00 | 200 | 345 | Peak |
| 5 | * | 9748.000 | 41.89 | 5.34 | 47.23 | -26.77 | 74.00 | 200 | 70 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

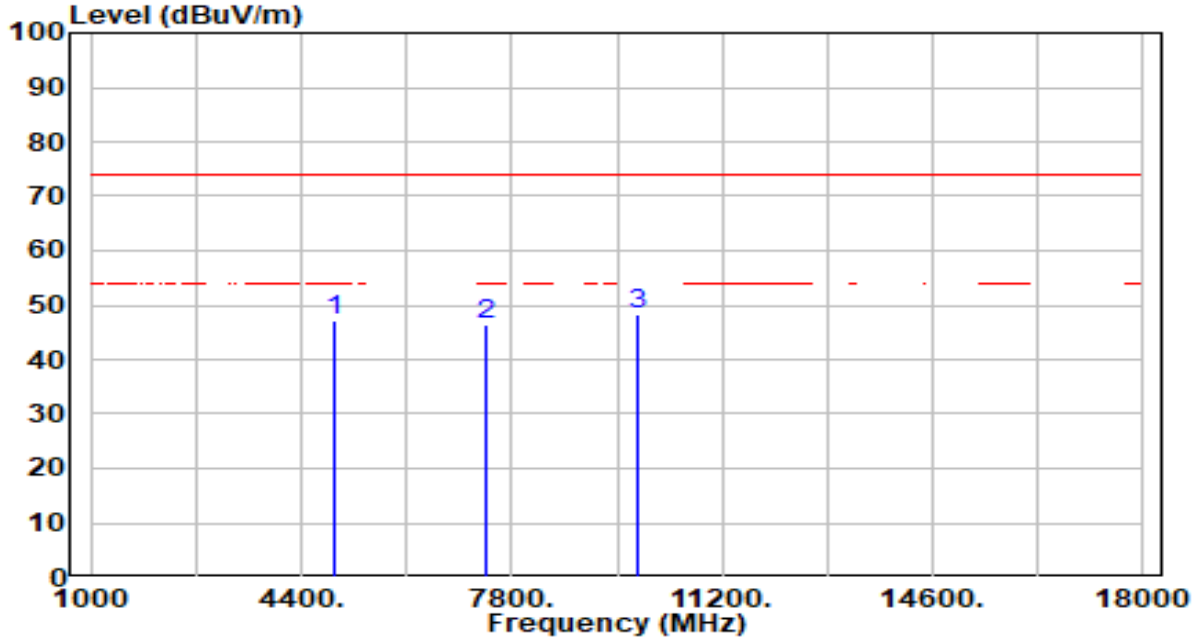



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 46.16 | 0.35 | 46.51 | -27.49 | 74.00 | 200 | 195 | Peak |
| 2 | | 7311.000 | 39.79 | 5.79 | 45.59 | -28.41 | 74.00 | 200 | 70 | Peak |
| 3 | * | 9748.000 | 42.20 | 5.34 | 47.54 | -26.46 | 74.00 | 200 | 360 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

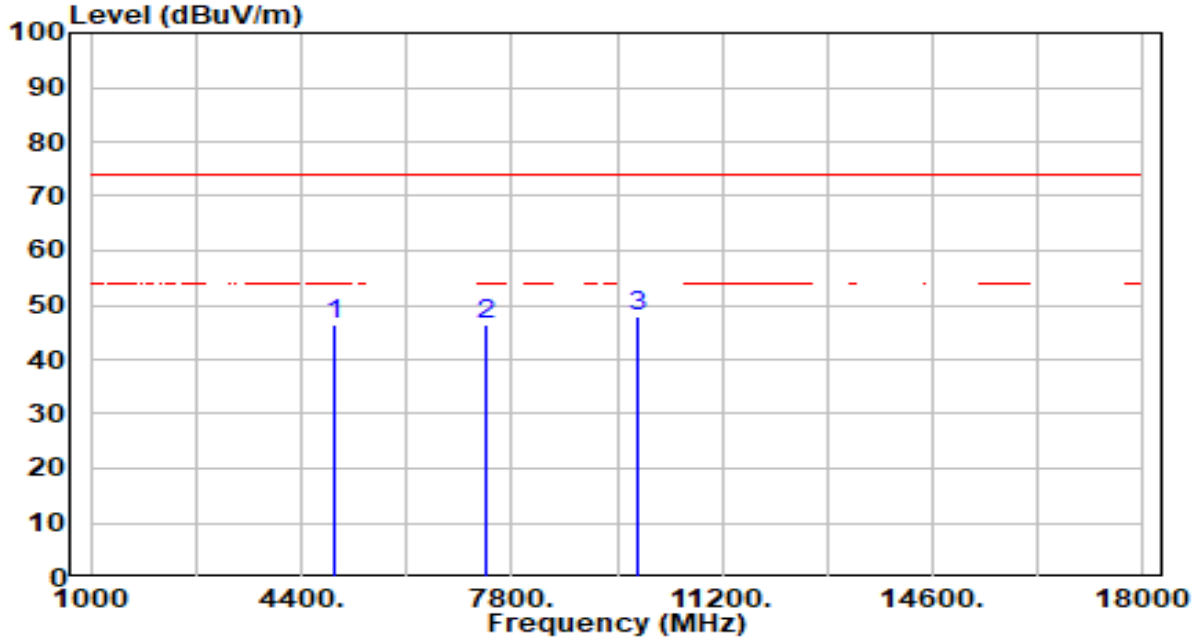



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 46.79 | 0.45 | 47.25 | -26.75 | 74.00 | 200 | 305 | Peak |
| 2 | | 7386.000 | 40.50 | 5.77 | 46.27 | -27.73 | 74.00 | 200 | 260 | Peak |
| 3 | * | 9848.000 | 42.91 | 5.38 | 48.29 | -25.71 | 74.00 | 100 | 140 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

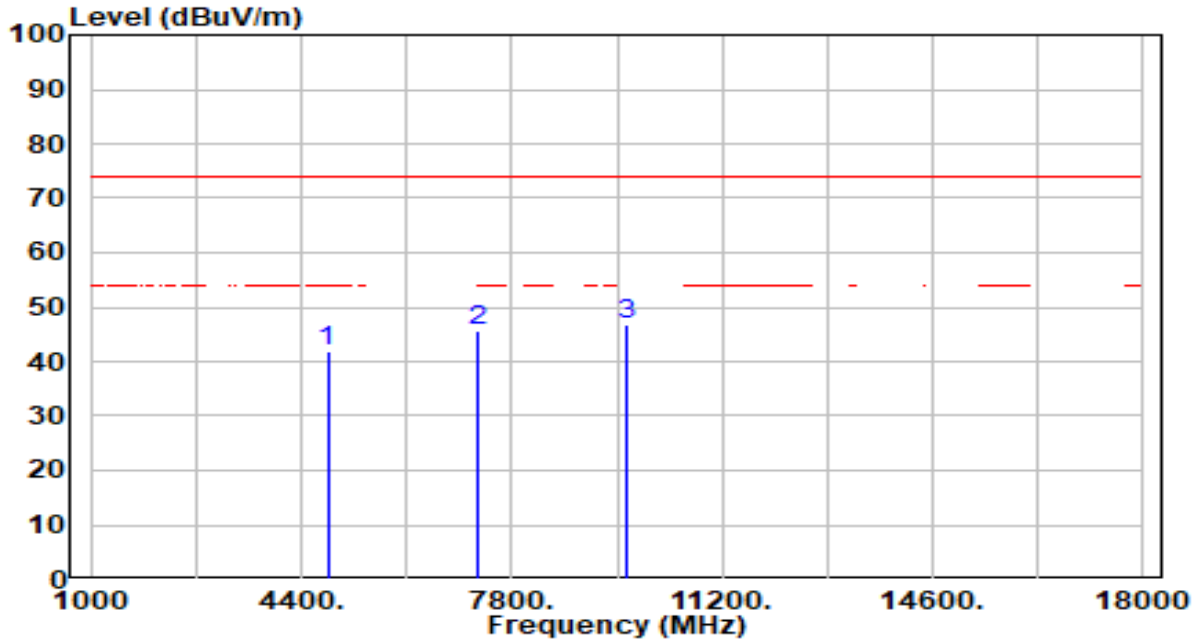



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 45.95 | 0.45 | 46.41 | -27.59 | 74.00 | 200 | 185 | Peak |
| 2 | | 7386.000 | 40.52 | 5.77 | 46.29 | -27.71 | 74.00 | 200 | 325 | Peak |
| 3 | * | 9848.000 | 42.42 | 5.38 | 47.80 | -26.20 | 74.00 | 100 | 90 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

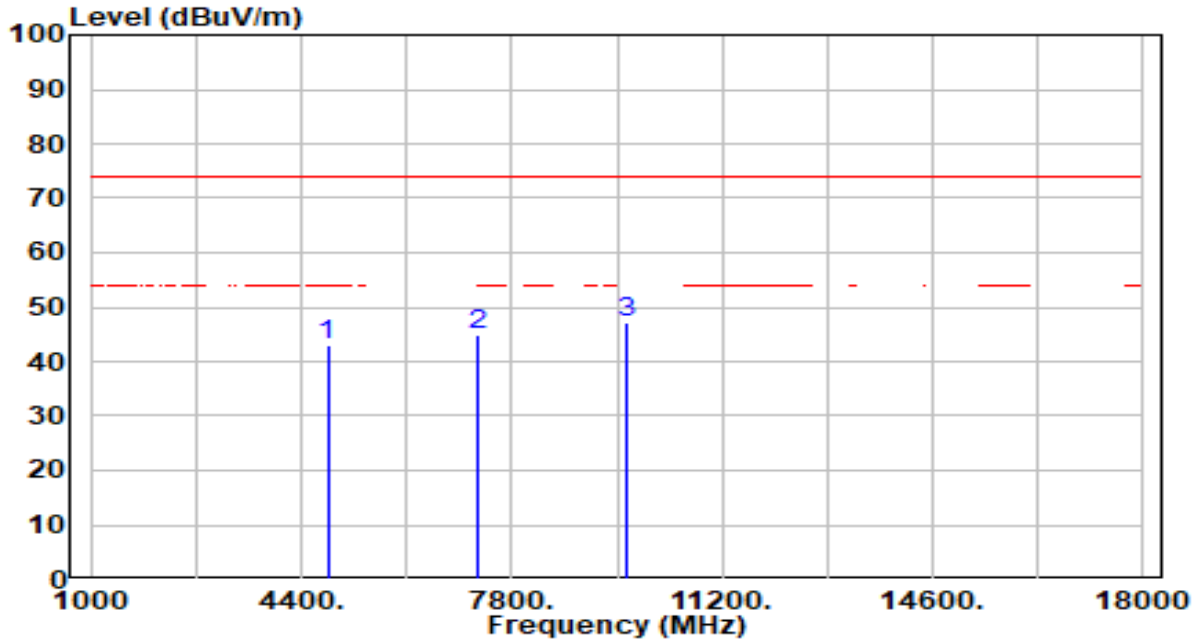



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 41.81 | 0.25 | 42.06 | -31.94 | 74.00 | 200 | 310 | Peak |
| 2 | | 7236.000 | 39.74 | 5.81 | 45.55 | -28.45 | 74.00 | 200 | 360 | Peak |
| 3 | * | 9648.000 | 41.62 | 5.32 | 46.94 | -27.06 | 74.00 | 200 | 160 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

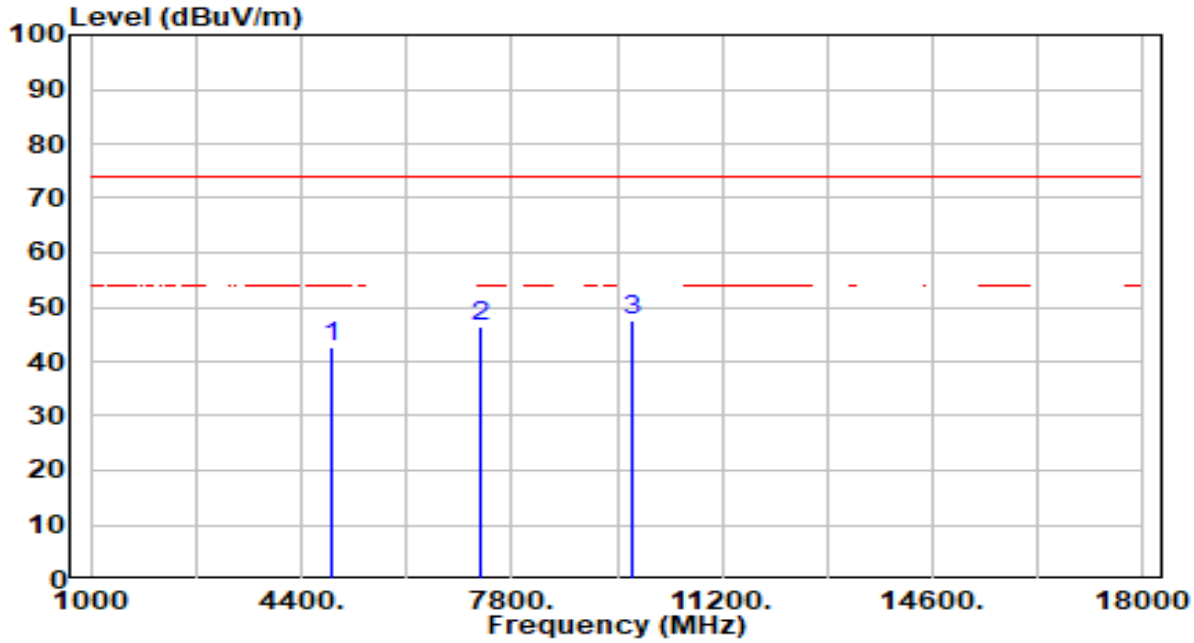



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 42.90 | 0.25 | 43.15 | -30.85 | 74.00 | 200 | 190 | Peak |
| 2 | | 7236.000 | 39.11 | 5.81 | 44.93 | -29.07 | 74.00 | 200 | 335 | Peak |
| 3 | * | 9648.000 | 41.90 | 5.32 | 47.22 | -26.78 | 74.00 | 200 | 160 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

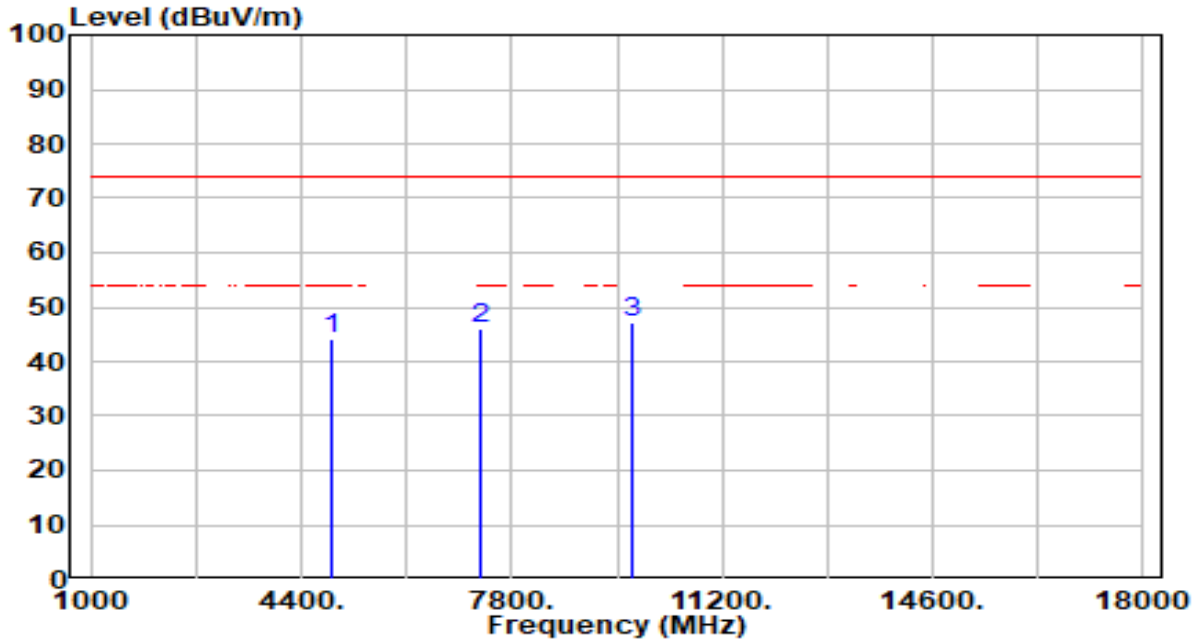



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 42.37 | 0.35 | 42.73 | -31.27 | 74.00 | 200 | 315 | Peak |
| 2 | | 7311.000 | 40.46 | 5.79 | 46.25 | -27.75 | 74.00 | 200 | 105 | Peak |
| 3 | * | 9748.000 | 42.29 | 5.34 | 47.63 | -26.37 | 74.00 | 200 | 5 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

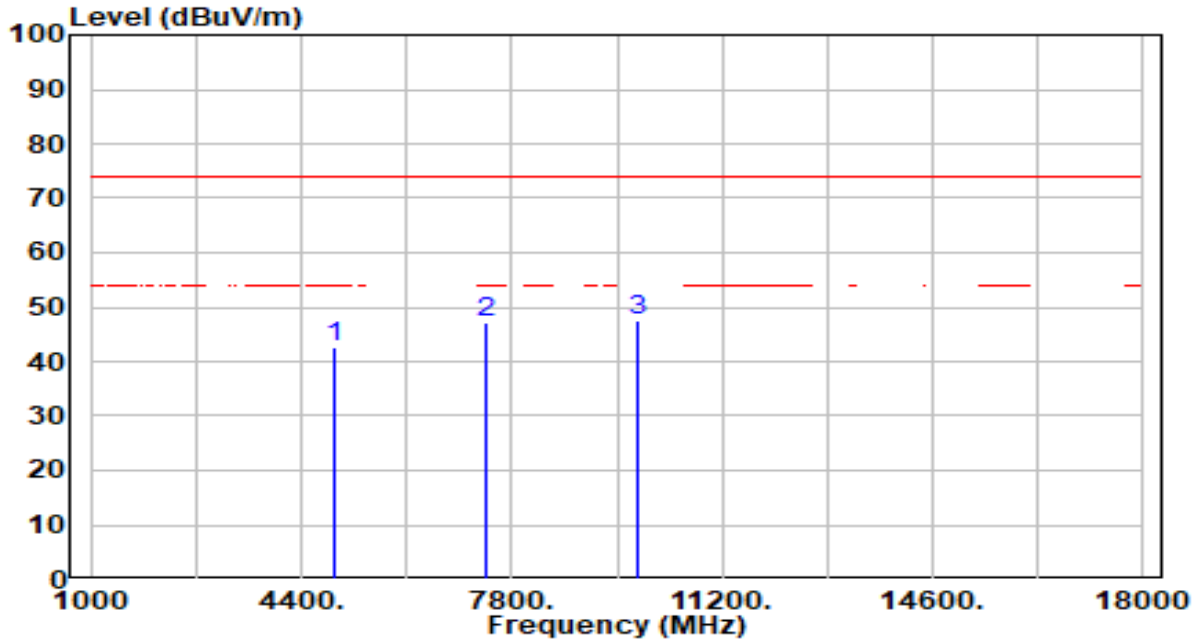



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.83 | 0.35 | 44.18 | -29.82 | 74.00 | 200 | 150 | Peak |
| 2 | | 7311.000 | 40.30 | 5.79 | 46.09 | -27.91 | 74.00 | 200 | 5 | Peak |
| 3 | * | 9748.000 | 41.67 | 5.34 | 47.01 | -26.99 | 74.00 | 200 | 25 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

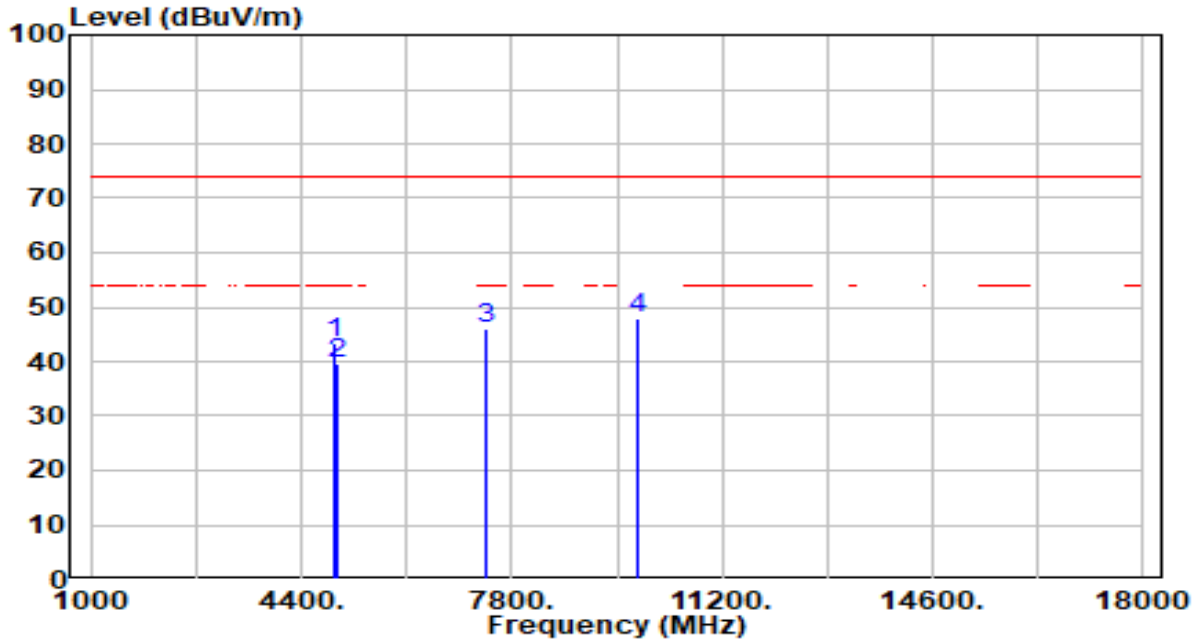



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 42.28 | 0.45 | 42.73 | -31.27 | 74.00 | 200 | 160 | Peak |
| 2 | | 7386.000 | 41.51 | 5.77 | 47.28 | -26.72 | 74.00 | 200 | 85 | Peak |
| 3 | * | 9848.000 | 42.22 | 5.38 | 47.59 | -26.41 | 74.00 | 200 | 20 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

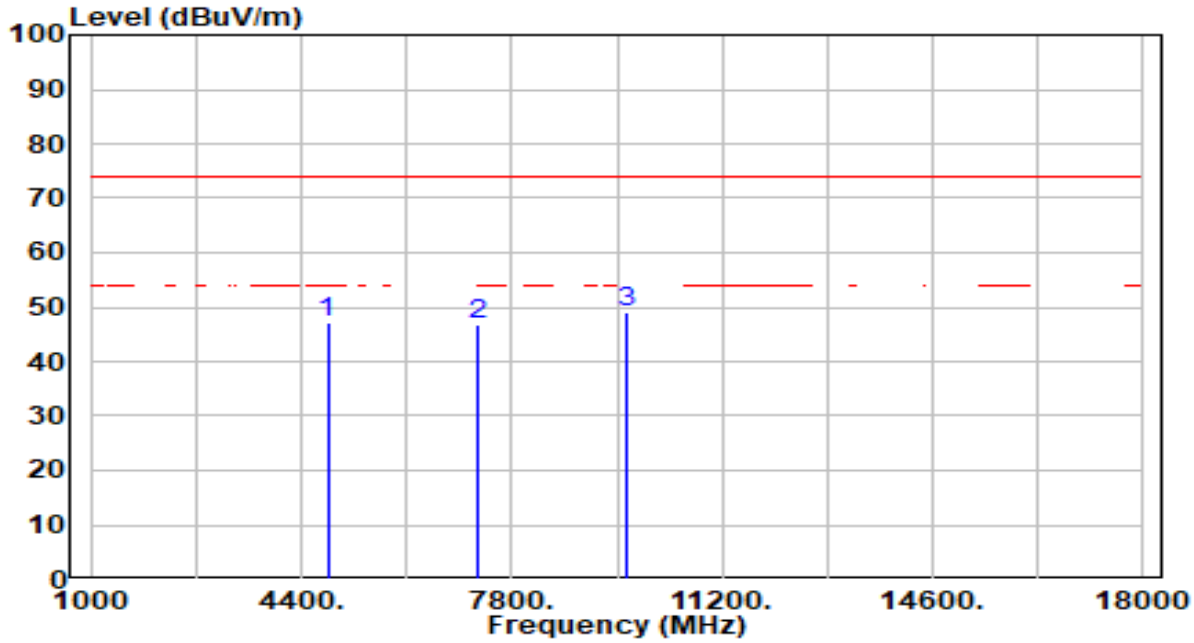



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 42.94 | 0.45 | 43.40 | -30.60 | 74.00 | 200 | 175 | Peak |
| 2 | | 4982.000 | 39.18 | 0.57 | 39.75 | -34.25 | 74.00 | 200 | 165 | Peak |
| 3 | | 7386.000 | 40.24 | 5.77 | 46.01 | -27.99 | 74.00 | 200 | 50 | Peak |
| 4 | * | 9848.000 | 42.51 | 5.38 | 47.89 | -26.11 | 74.00 | 200 | 55 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

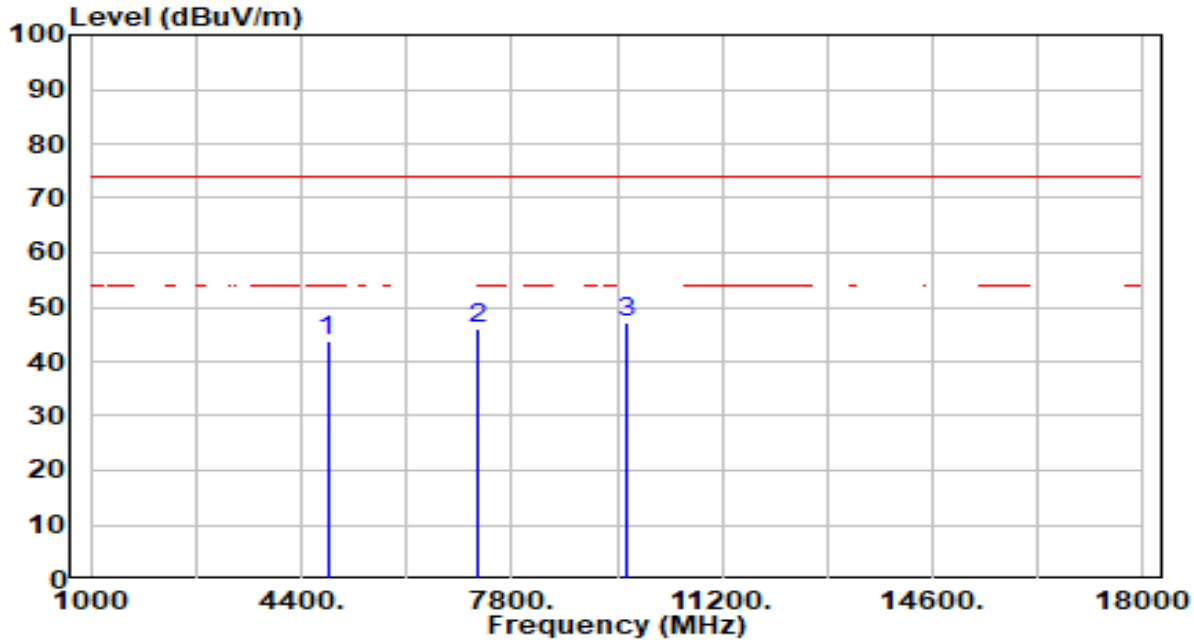



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 47.06 | 0.25 | 47.31 | -26.69 | 74.00 | 200 | 265 | Peak |
| 2 | | 7236.000 | 40.96 | 5.81 | 46.77 | -27.23 | 74.00 | 195 | 360 | Peak |
| 3 | * | 9648.000 | 43.55 | 5.32 | 48.87 | -25.13 | 74.00 | 100 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

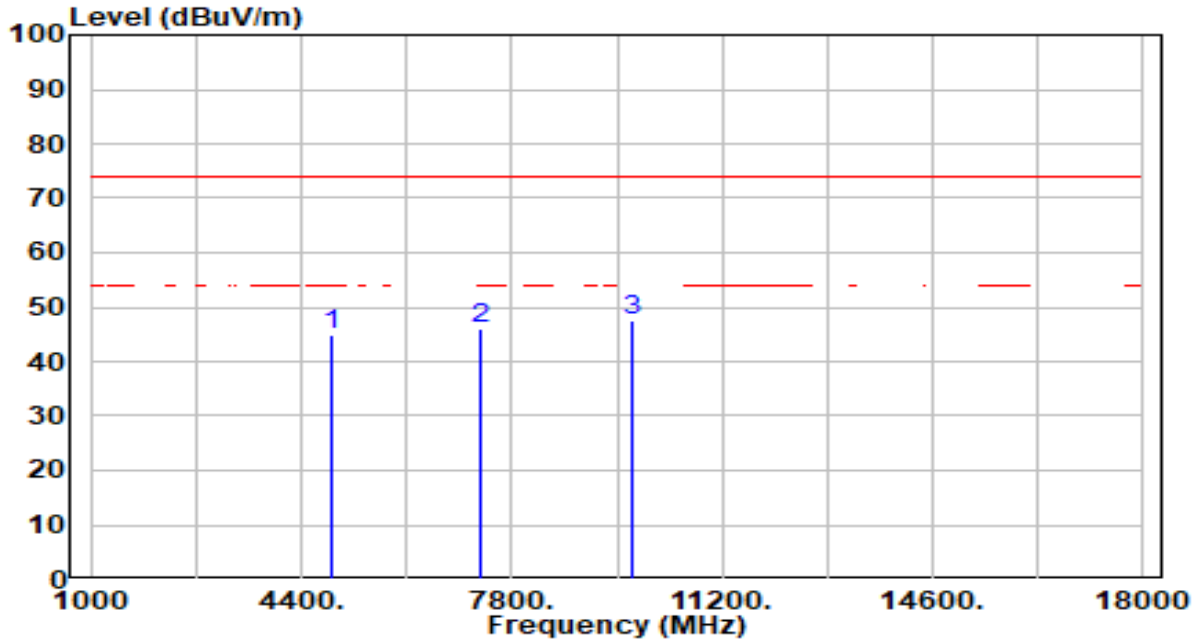



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824.000 | 43.71 | 0.25 | 43.96 | -30.04 | 74.00 | 100 | 150 | Peak |
| 2 | | 7236.000 | 40.27 | 5.81 | 46.09 | -27.91 | 74.00 | 300 | 105 | Peak |
| 3 | * | 9648.000 | 41.67 | 5.32 | 46.99 | -27.01 | 74.00 | 200 | 200 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

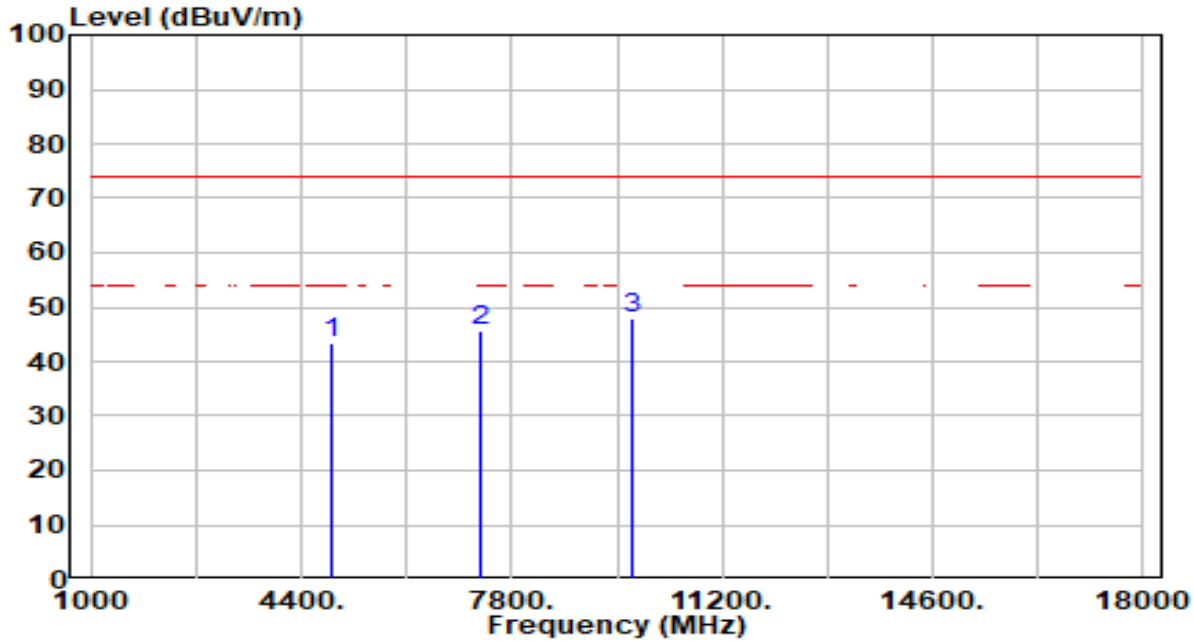



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 44.38 | 0.35 | 44.73 | -29.27 | 74.00 | 200 | 310 | Peak |
| 2 | | 7311.000 | 40.35 | 5.79 | 46.14 | -27.86 | 74.00 | 200 | 195 | Peak |
| 3 | * | 9748.000 | 42.38 | 5.34 | 47.72 | -26.28 | 74.00 | 270 | 360 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

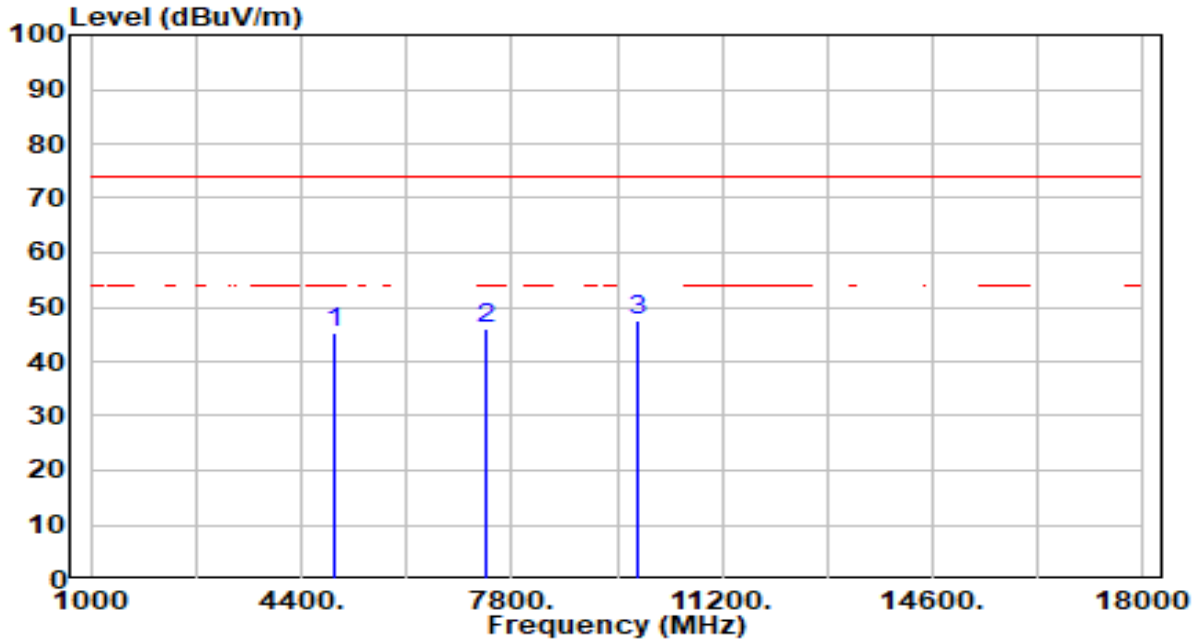



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.17 | 0.35 | 43.52 | -30.48 | 74.00 | 100 | 150 | Peak |
| 2 | | 7311.000 | 39.97 | 5.79 | 45.76 | -28.24 | 74.00 | 100 | 255 | Peak |
| 3 | * | 9748.000 | 42.59 | 5.34 | 47.93 | -26.07 | 74.00 | 200 | 220 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

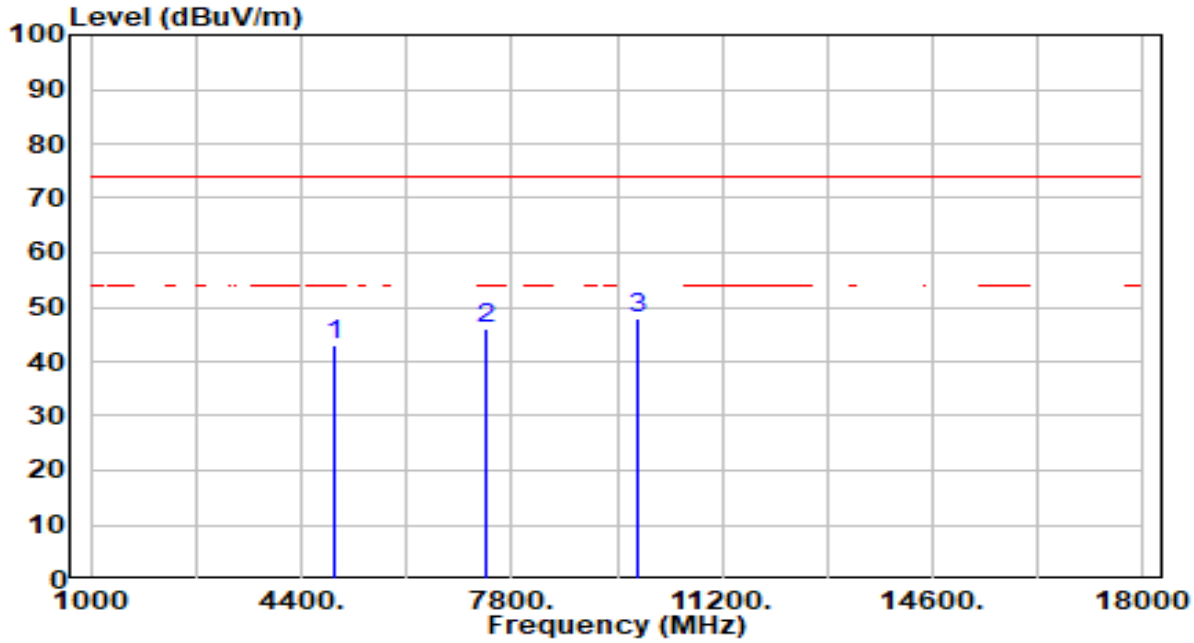



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 44.88 | 0.45 | 45.34 | -28.66 | 74.00 | 300 | 265 | Peak |
| 2 | | 7386.000 | 40.38 | 5.77 | 46.15 | -27.85 | 74.00 | 300 | 50 | Peak |
| 3 | * | 9848.000 | 42.05 | 5.38 | 47.43 | -26.57 | 74.00 | 200 | 65 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

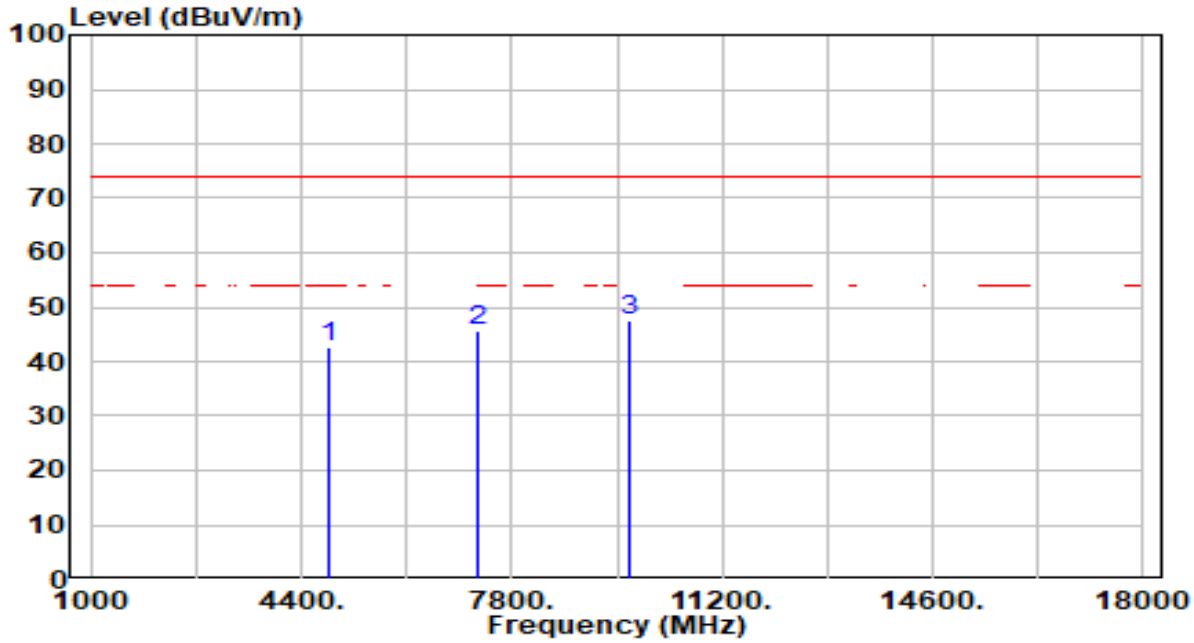



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4924.000 | 42.38 | 0.45 | 42.83 | -31.17 | 74.00 | 100 | 150 | Peak |
| 2 | | 7386.000 | 40.28 | 5.77 | 46.05 | -27.95 | 74.00 | 190 | 0 | Peak |
| 3 | * | 9848.000 | 42.41 | 5.38 | 47.79 | -26.21 | 74.00 | 100 | 150 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

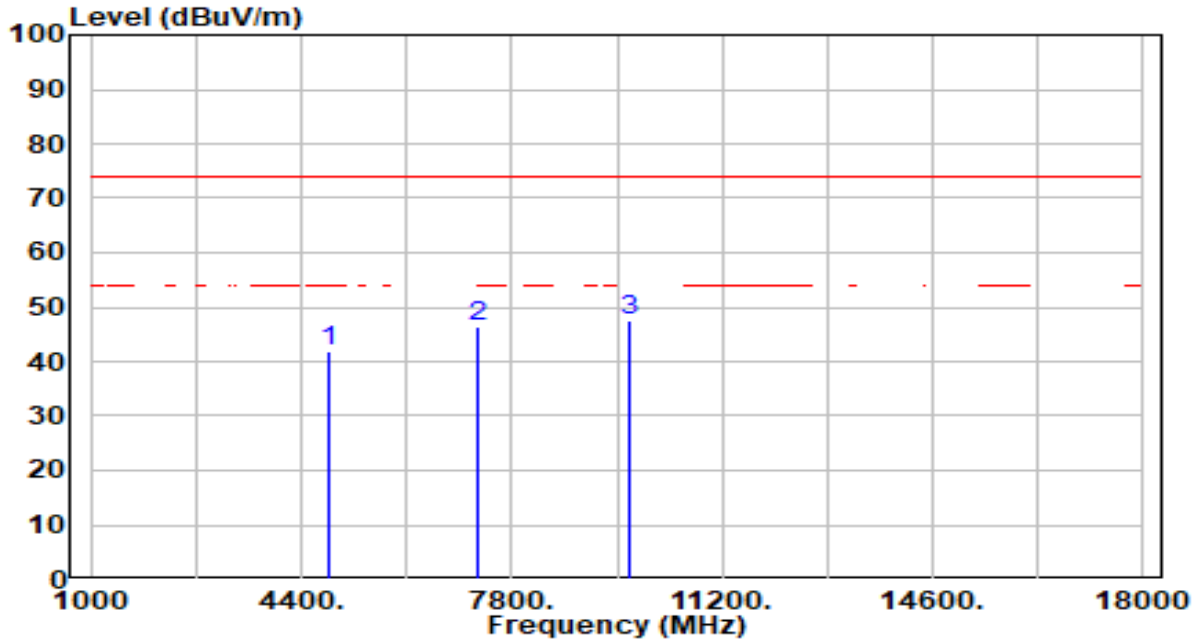



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 42.40 | 0.29 | 42.69 | -31.31 | 74.00 | 300 | 30 | Peak |
| 2 | | 7266.000 | 39.73 | 5.81 | 45.54 | -28.46 | 74.00 | 200 | 35 | Peak |
| 3 | * | 9688.000 | 42.21 | 5.33 | 47.54 | -26.46 | 74.00 | 200 | 115 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

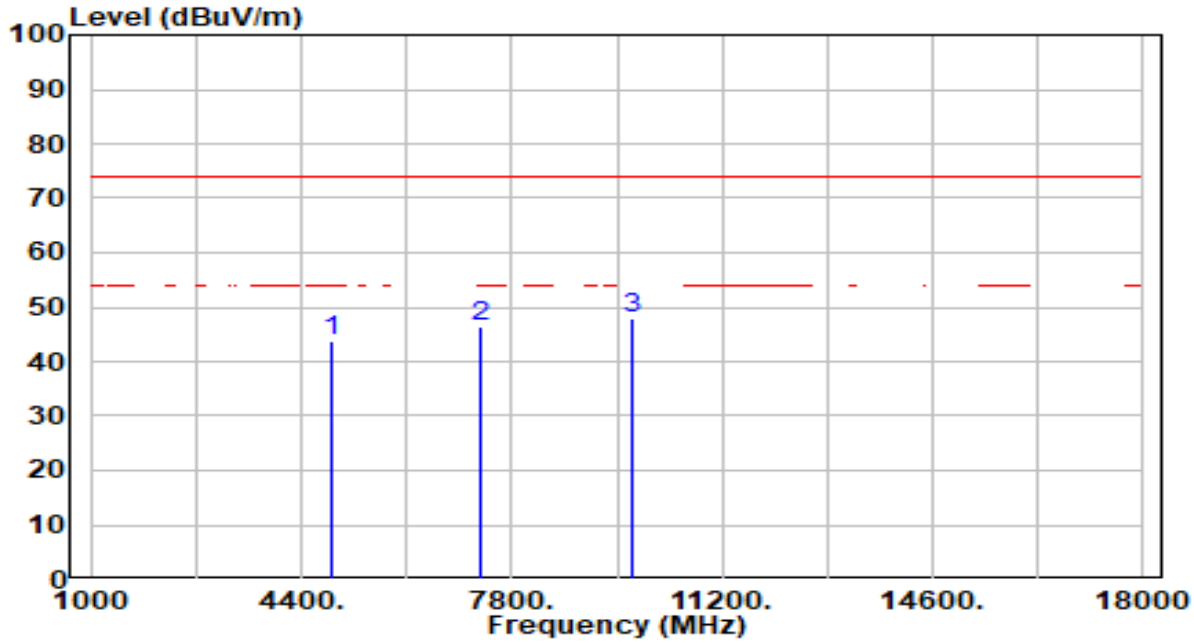



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4844.000 | 41.75 | 0.29 | 42.04 | -31.96 | 74.00 | 200 | 55 | Peak |
| 2 | | 7266.000 | 40.75 | 5.81 | 46.56 | -27.44 | 74.00 | 200 | 235 | Peak |
| 3 | * | 9688.000 | 42.40 | 5.33 | 47.73 | -26.27 | 74.00 | 200 | 85 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

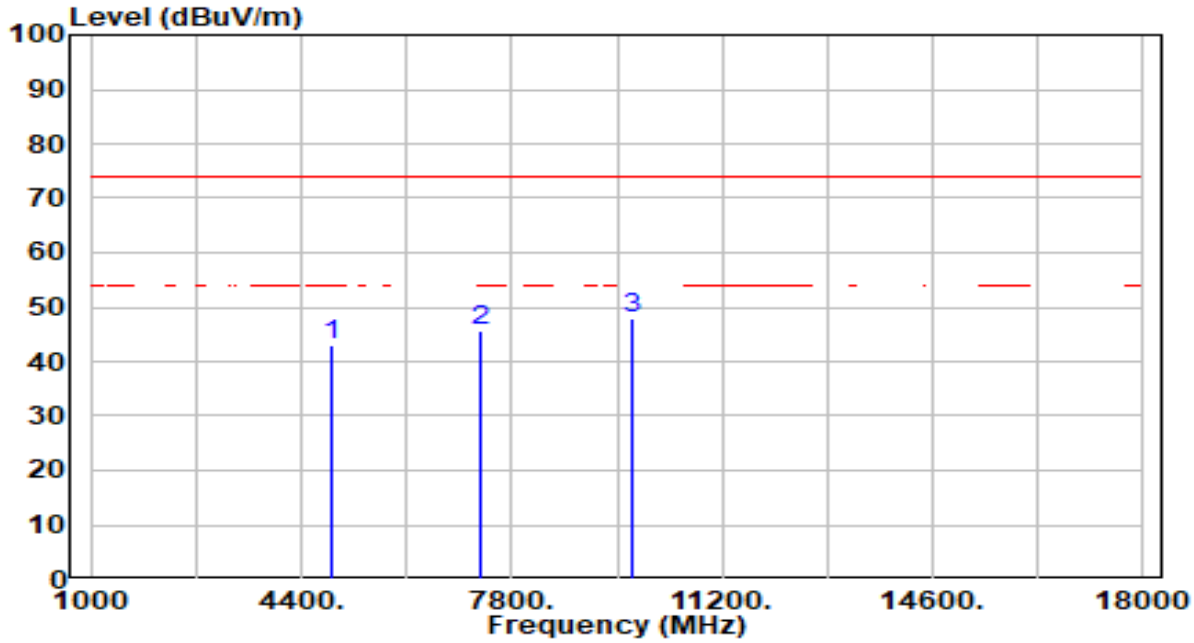



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 43.25 | 0.35 | 43.60 | -30.40 | 74.00 | 300 | 10 | Peak |
| 2 | | 7311.000 | 40.78 | 5.79 | 46.57 | -27.43 | 74.00 | 200 | 265 | Peak |
| 3 | * | 9748.000 | 42.53 | 5.34 | 47.87 | -26.13 | 74.00 | 300 | 215 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

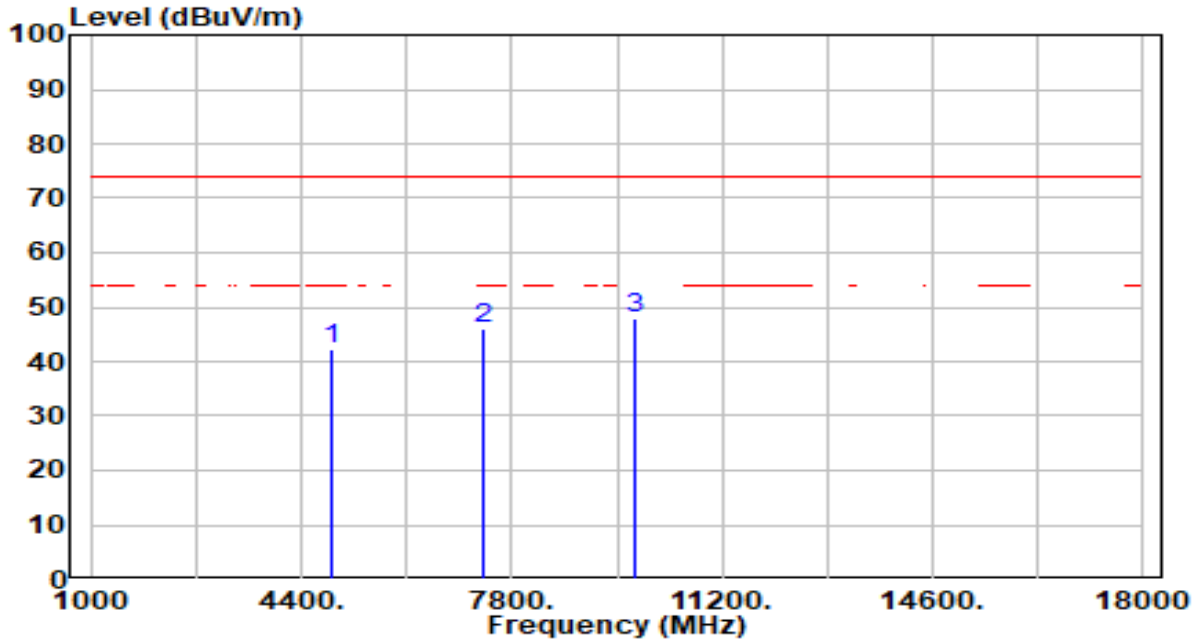



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4874.000 | 42.73 | 0.35 | 43.09 | -30.91 | 74.00 | 100 | 160 | Peak |
| 2 | | 7311.000 | 39.95 | 5.79 | 45.74 | -28.26 | 74.00 | 200 | 80 | Peak |
| 3 | * | 9748.000 | 42.46 | 5.34 | 47.80 | -26.20 | 74.00 | 100 | 115 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_Ant 0+1 | Test Voltage | AC 120V/60Hz |

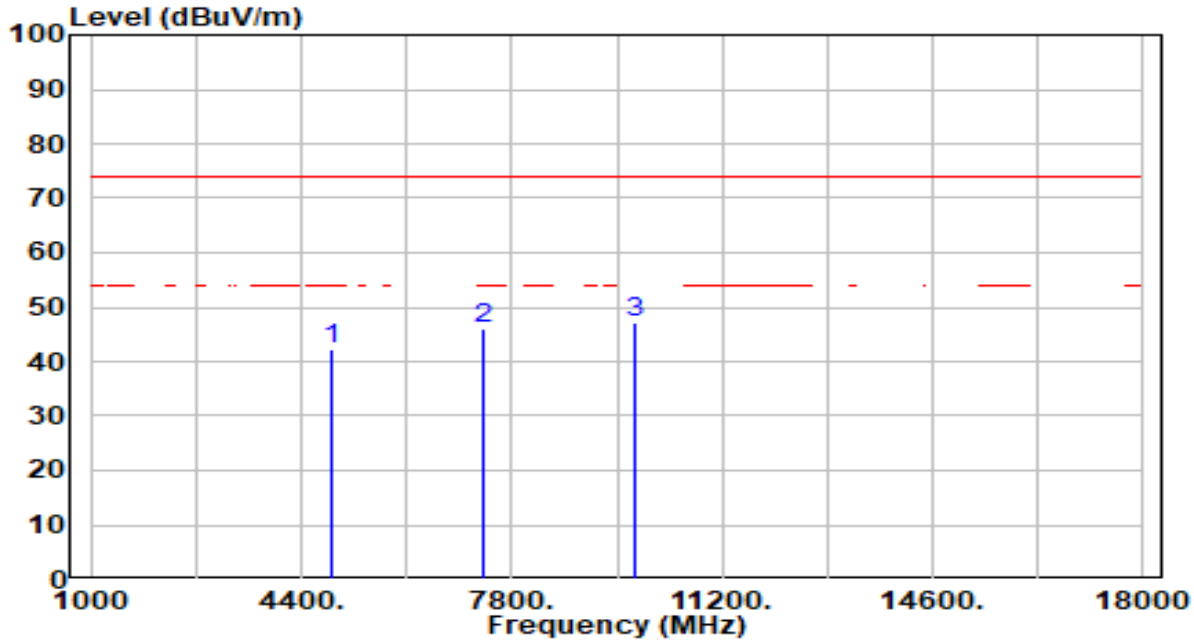



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4904.000 | 42.03 | 0.41 | 42.44 | -31.56 | 74.00 | 300 | 360 | Peak |
| 2 | | 7356.000 | 40.22 | 5.78 | 46.00 | -28.00 | 74.00 | 300 | 255 | Peak |
| 3 | * | 9808.000 | 42.72 | 5.35 | 48.08 | -25.92 | 74.00 | 200 | 350 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| 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 | | 4904.000 | 42.01 | 0.41 | 42.42 | -31.58 | 74.00 | 100 | 185 | Peak |
| 2 | | 7356.000 | 40.23 | 5.78 | 46.01 | -27.99 | 74.00 | 200 | 355 | Peak |
| 3 | * | 9808.000 | 41.93 | 5.35 | 47.28 | -26.72 | 74.00 | 200 | 215 | Peak |

Note:

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

# 7.7. Radiated Restricted Band Edge Measurement

## 7.7.1.Test Limit

**For 15.205 requirement:**

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

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

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

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

### 7.7.2.Test Procedure Used

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

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

### 7.7.3.Test Setting

**Peak Field Strength Measurements**

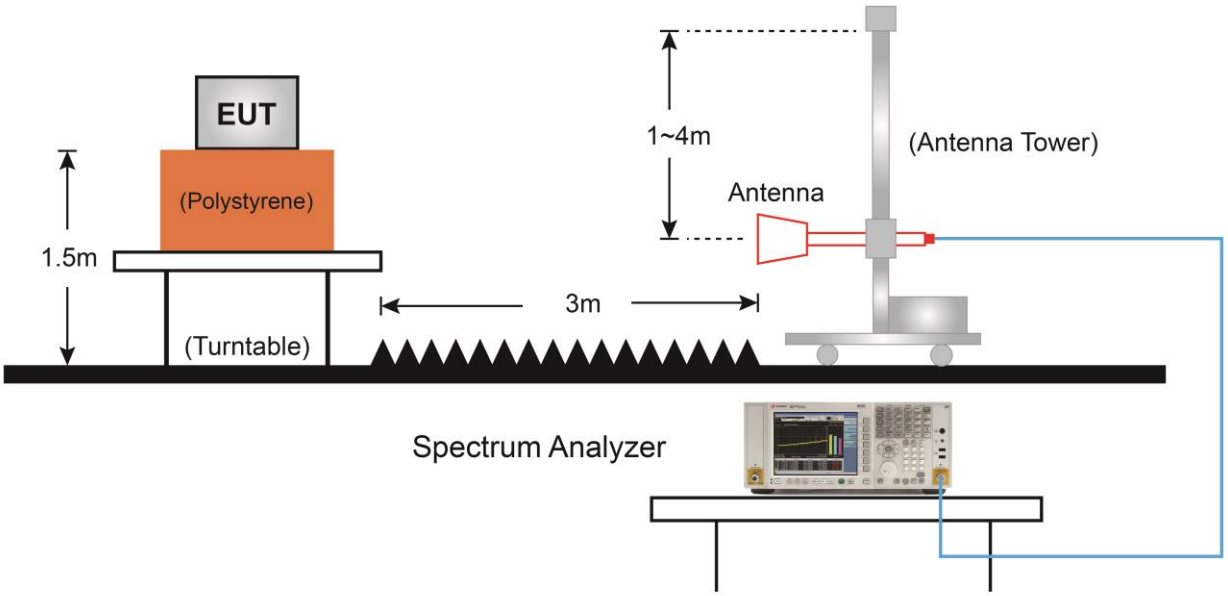
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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

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

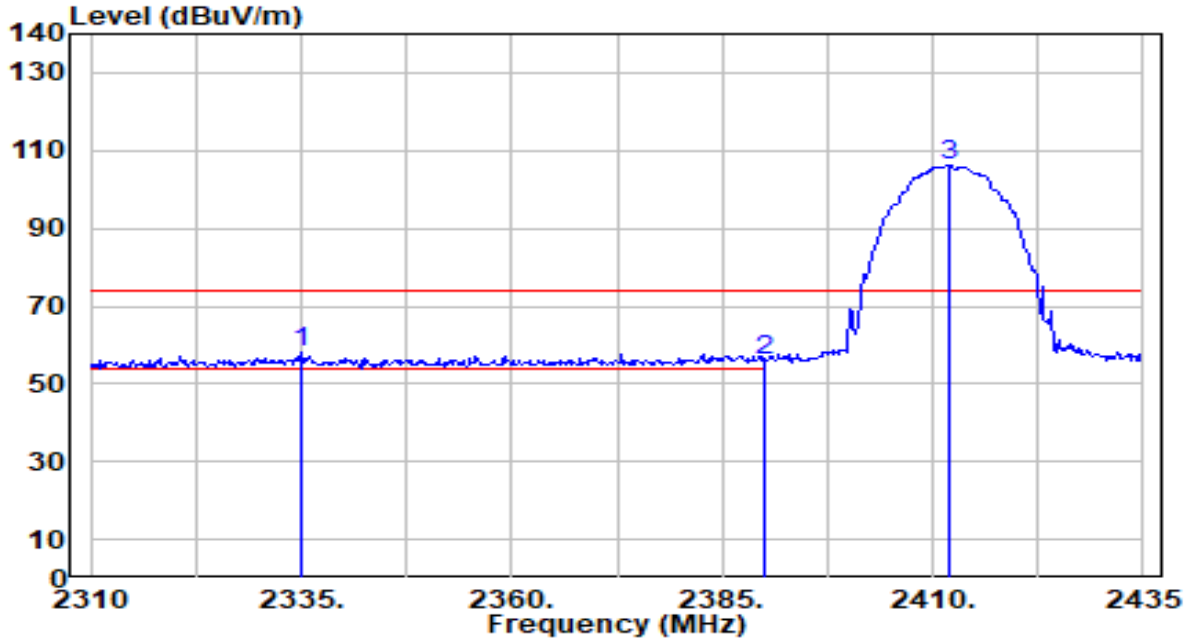
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

### 7.7.4.Test Setup



### 7.7.5.Test Result

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

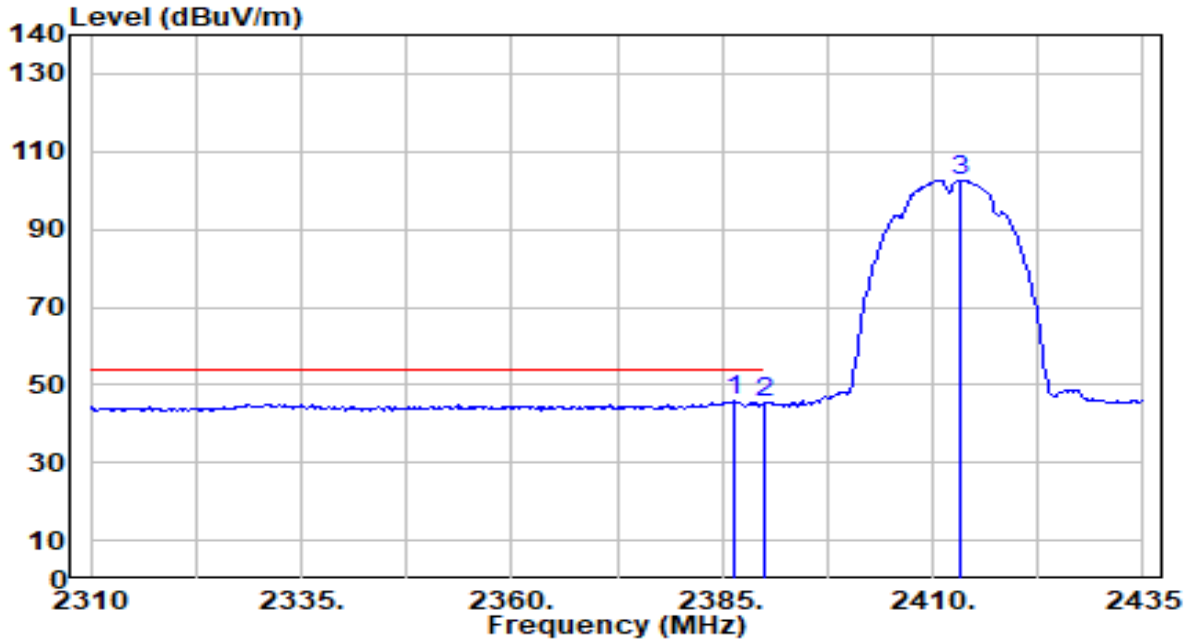



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2335.080 | 27.53 | 30.54 | 58.07 | -15.93 | 74.00 | 110 | 200 | Peak |
| 2 | | 2390.000 | 25.49 | 30.61 | 56.10 | -17.90 | 74.00 | 110 | 200 | Peak |
| 3 | | 2411.840 | 75.72 | 30.67 | 106.39 | N/A | N/A | 110 | 200 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

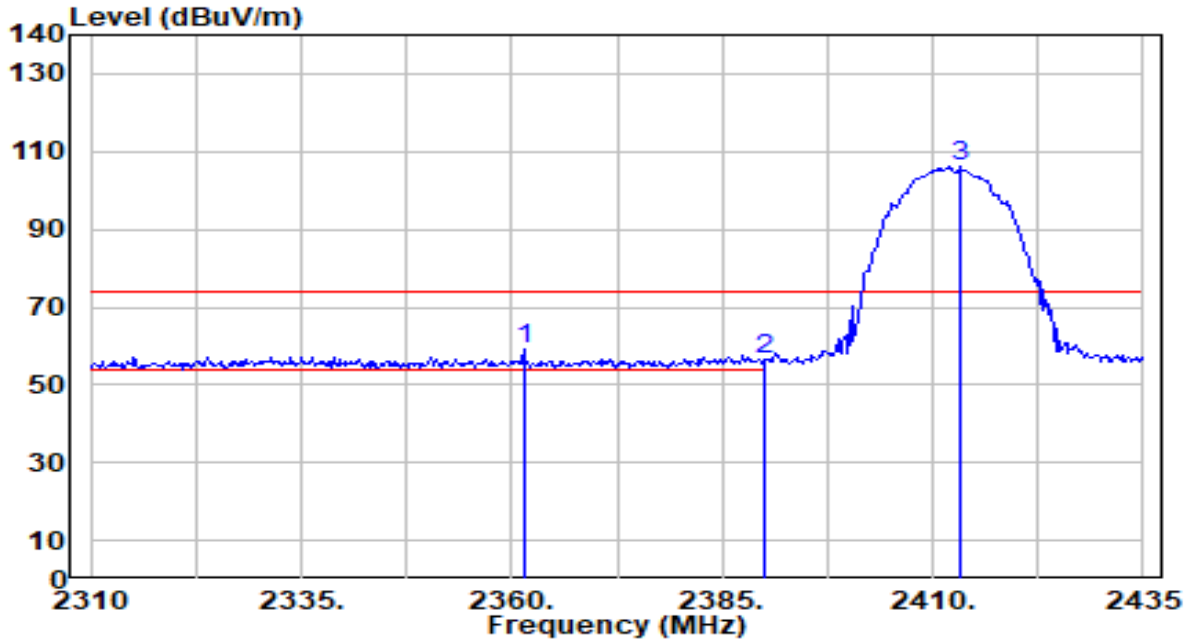



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.570 | 15.10 | 30.61 | 45.71 | -8.29 | 54.00 | 110 | 200 | Average |
| 2 | | 2390.000 | 14.56 | 30.61 | 45.18 | -8.82 | 54.00 | 110 | 200 | Average |
| 3 | | 2413.170 | 72.04 | 30.67 | 102.71 | N/A | N/A | 110 | 200 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

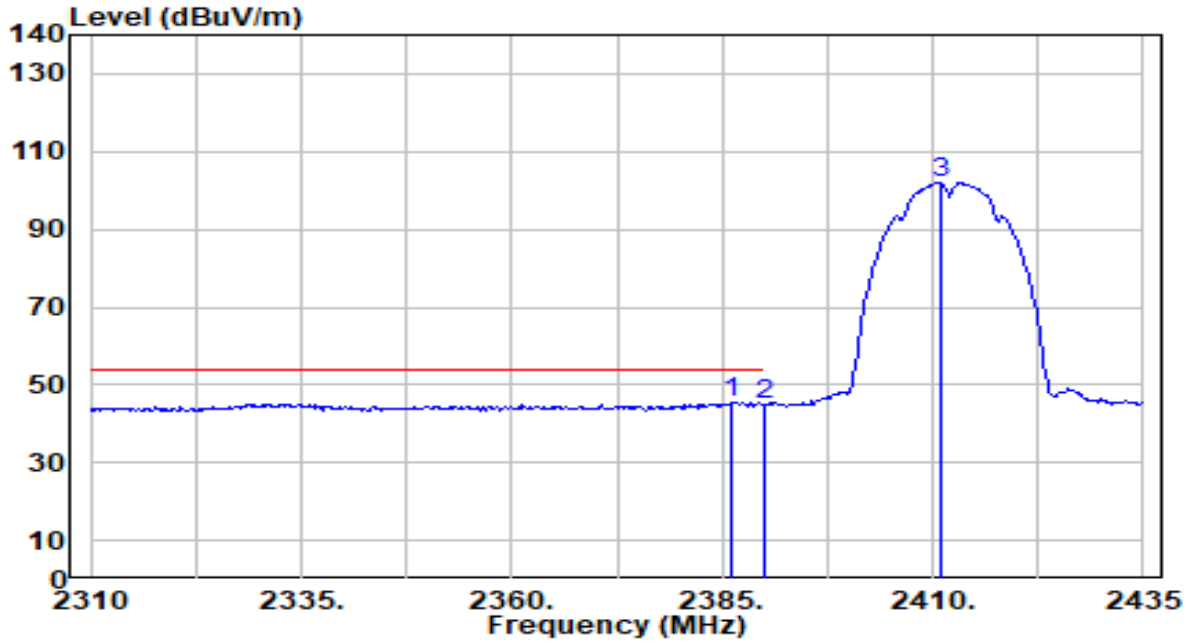



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2361.490 | 28.40 | 30.57 | 58.97 | -15.03 | 74.00 | 100 | 280 | Peak |
| 2 | | 2390.000 | 25.85 | 30.61 | 56.47 | -17.53 | 74.00 | 100 | 280 | Peak |
| 3 | | 2413.360 | 75.31 | 30.67 | 105.99 | N/A | N/A | 100 | 280 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

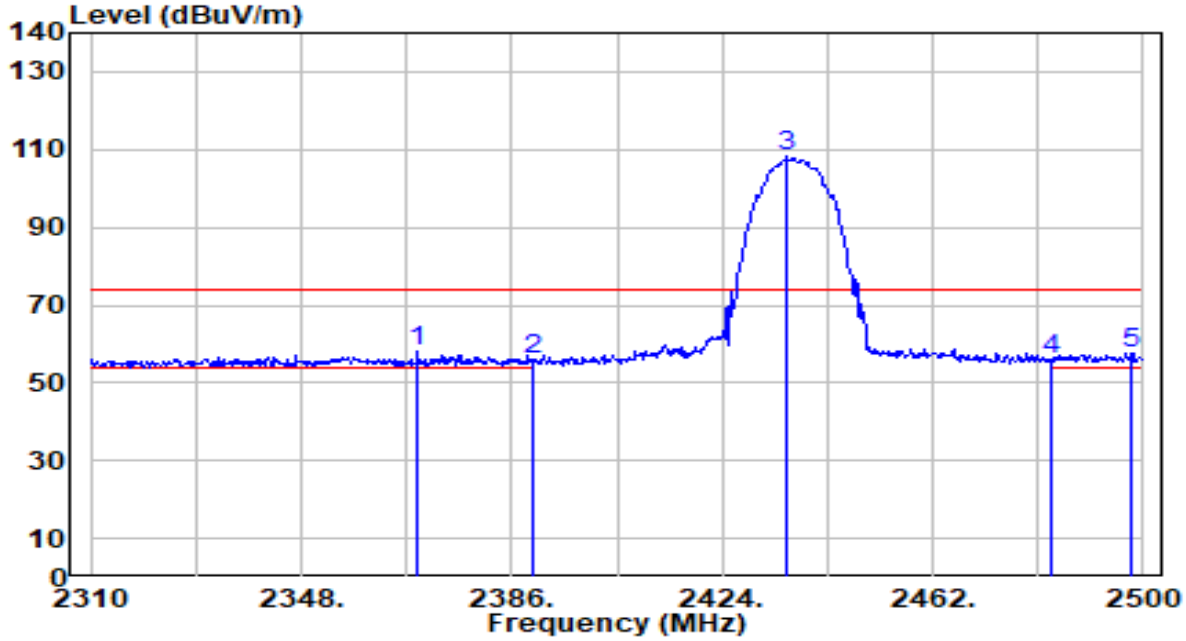



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.190 | 14.81 | 30.61 | 45.42 | -8.58 | 54.00 | 100 | 280 | Average |
| 2 | | 2390.000 | 14.17 | 30.61 | 44.78 | -9.22 | 54.00 | 100 | 280 | Average |
| 3 | | 2411.080 | 71.30 | 30.67 | 101.97 | N/A | N/A | 100 | 280 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

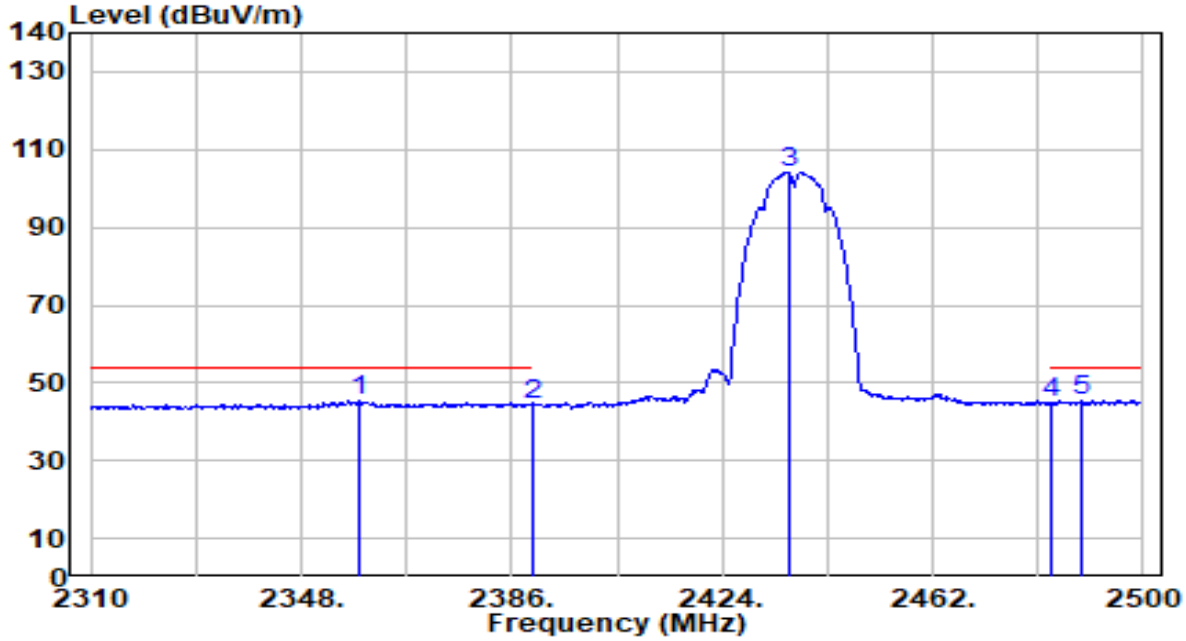



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2369.090 | 27.34 | 30.58 | 57.92 | -16.08 | 74.00 | 105 | 200 | Peak |
| 2 | | 2390.000 | 25.48 | 30.61 | 56.10 | -17.90 | 74.00 | 105 | 200 | Peak |
| 3 | | 2435.590 | 77.36 | 30.75 | 108.11 | N/A | N/A | 105 | 200 | Peak |
| 4 | | 2483.500 | 24.85 | 30.91 | 55.76 | -18.24 | 74.00 | 105 | 200 | Peak |
| 5 | | 2497.910 | 26.72 | 30.96 | 57.68 | -16.32 | 74.00 | 105 | 200 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

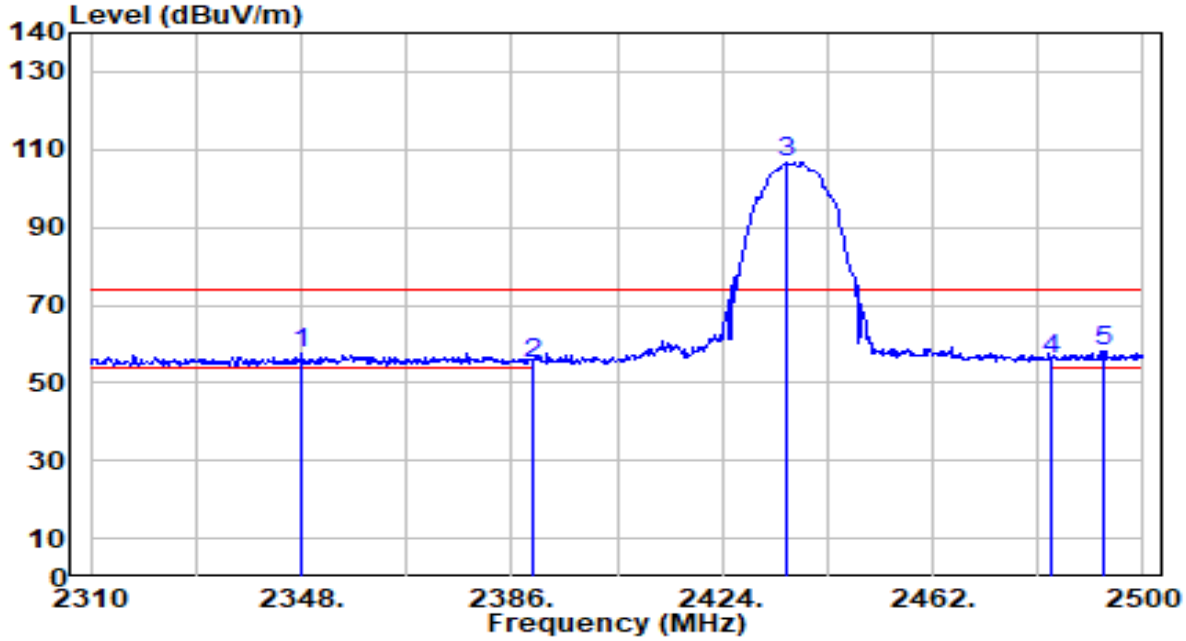



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2358.640 | 14.77 | 30.57 | 45.34 | -8.66 | 54.00 | 105 | 200 | Average |
| 2 | | 2390.000 | 13.65 | 30.61 | 44.26 | -9.74 | 54.00 | 105 | 200 | Average |
| 3 | | 2435.970 | 73.32 | 30.75 | 104.07 | N/A | N/A | 105 | 200 | Average |
| 4 | | 2483.500 | 13.99 | 30.91 | 44.90 | -9.10 | 54.00 | 105 | 200 | Average |
| 5 | * | 2488.790 | 14.48 | 30.93 | 45.42 | -8.58 | 54.00 | 105 | 200 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

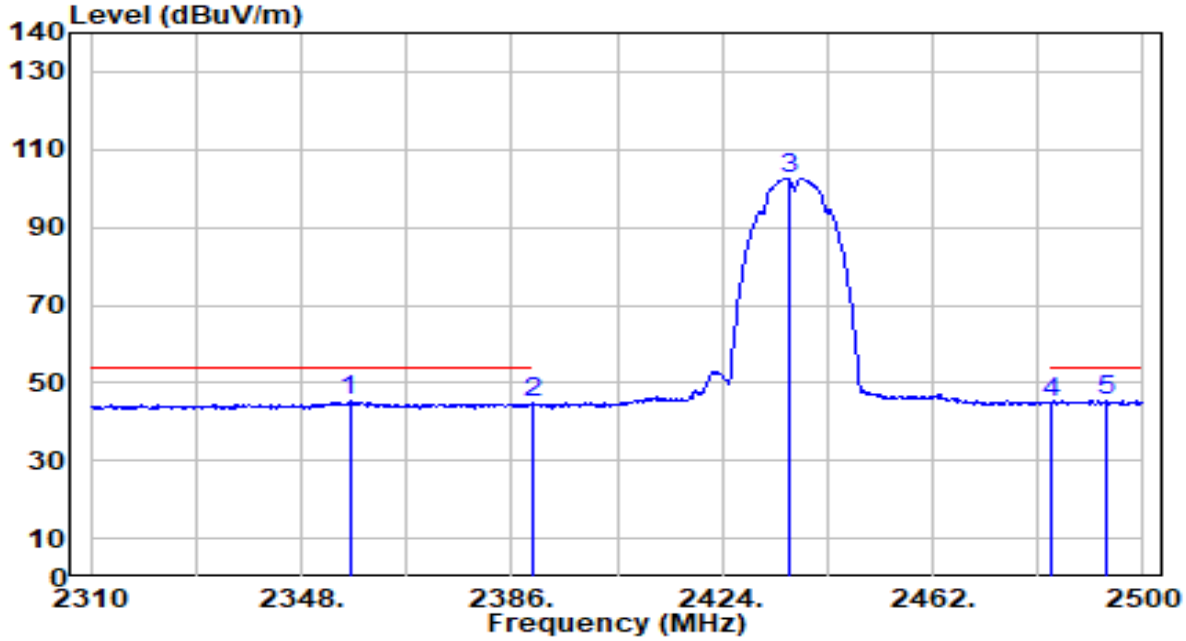



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2348.000 | 27.19 | 30.55 | 57.75 | -16.25 | 74.00 | 100 | 280 | Peak |
| 2 | | 2390.000 | 24.35 | 30.61 | 54.96 | -19.04 | 74.00 | 100 | 280 | Peak |
| 3 | | 2435.590 | 76.21 | 30.75 | 106.96 | N/A | N/A | 100 | 280 | Peak |
| 4 | | 2483.500 | 25.20 | 30.91 | 56.11 | -17.89 | 74.00 | 100 | 280 | Peak |
| 5 | * | 2492.970 | 27.30 | 30.95 | 58.25 | -15.75 | 74.00 | 100 | 280 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

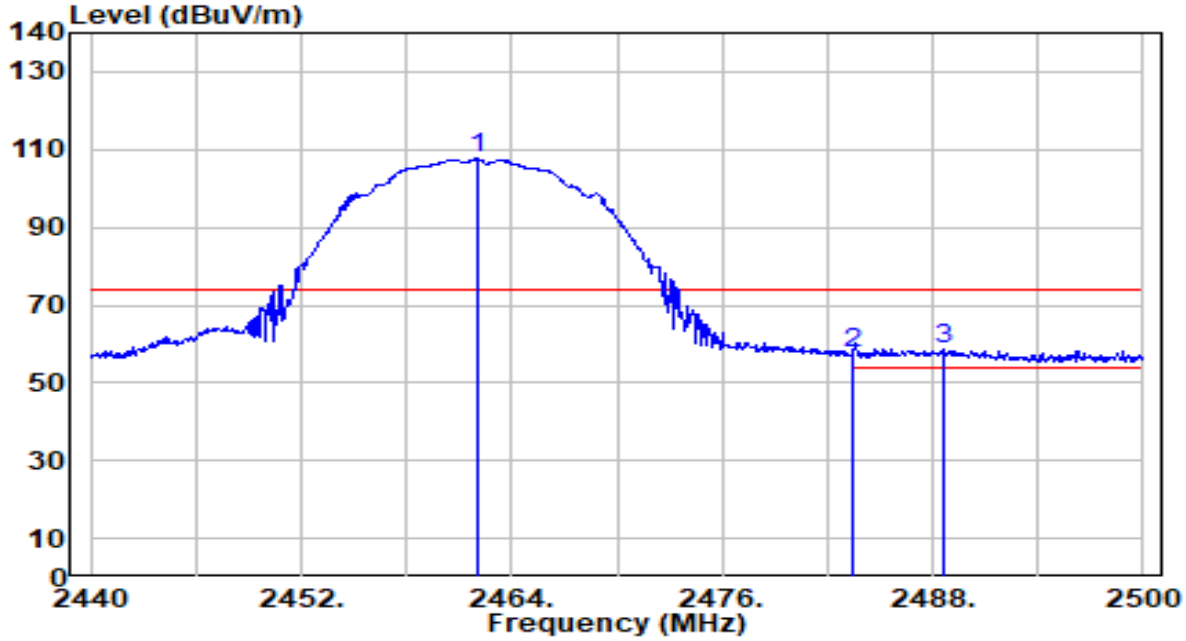



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2356.740 | 14.71 | 30.57 | 45.27 | -8.73 | 54.00 | 100 | 280 | Average |
| 2 | | 2390.000 | 14.12 | 30.61 | 44.73 | -9.27 | 54.00 | 100 | 280 | Average |
| 3 | | 2435.970 | 71.98 | 30.75 | 102.73 | N/A | N/A | 100 | 280 | Average |
| 4 | | 2483.500 | 14.14 | 30.91 | 45.06 | -8.94 | 54.00 | 100 | 280 | Average |
| 5 | * | 2493.350 | 14.46 | 30.95 | 45.40 | -8.60 | 54.00 | 100 | 280 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

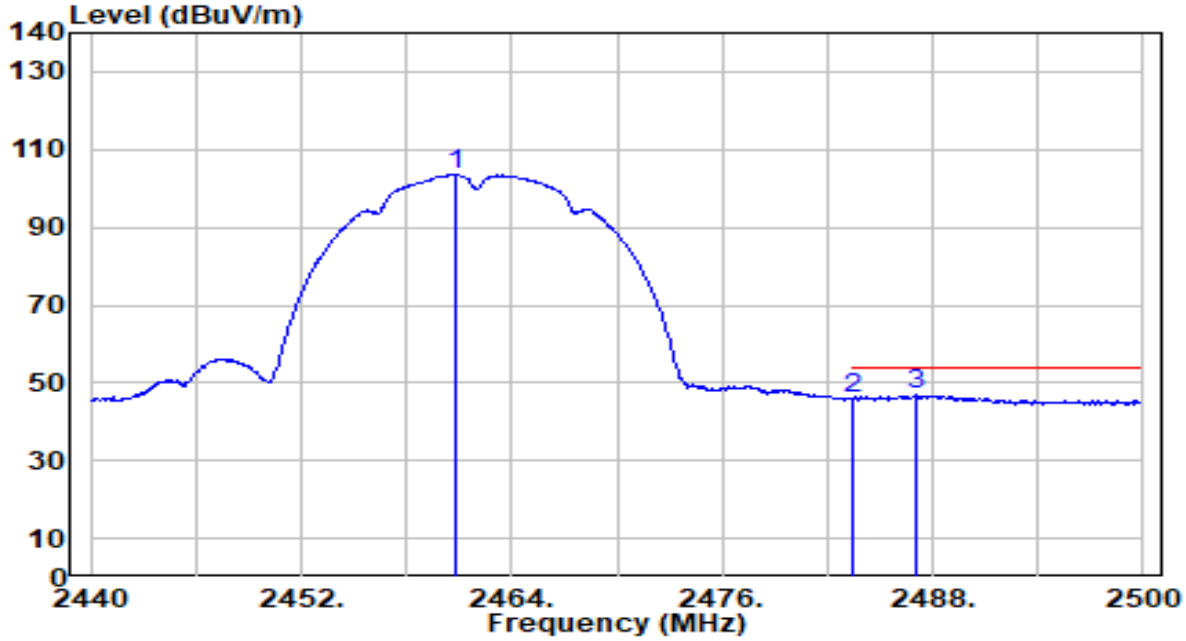



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2462.020 | 76.73 | 30.84 | 107.57 | N/A | N/A | 100 | 205 | Peak |
| 2 | | 2483.500 | 26.50 | 30.91 | 57.41 | -16.59 | 74.00 | 100 | 205 | Peak |
| 3 | * | 2488.600 | 27.86 | 30.93 | 58.79 | -15.21 | 74.00 | 100 | 205 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

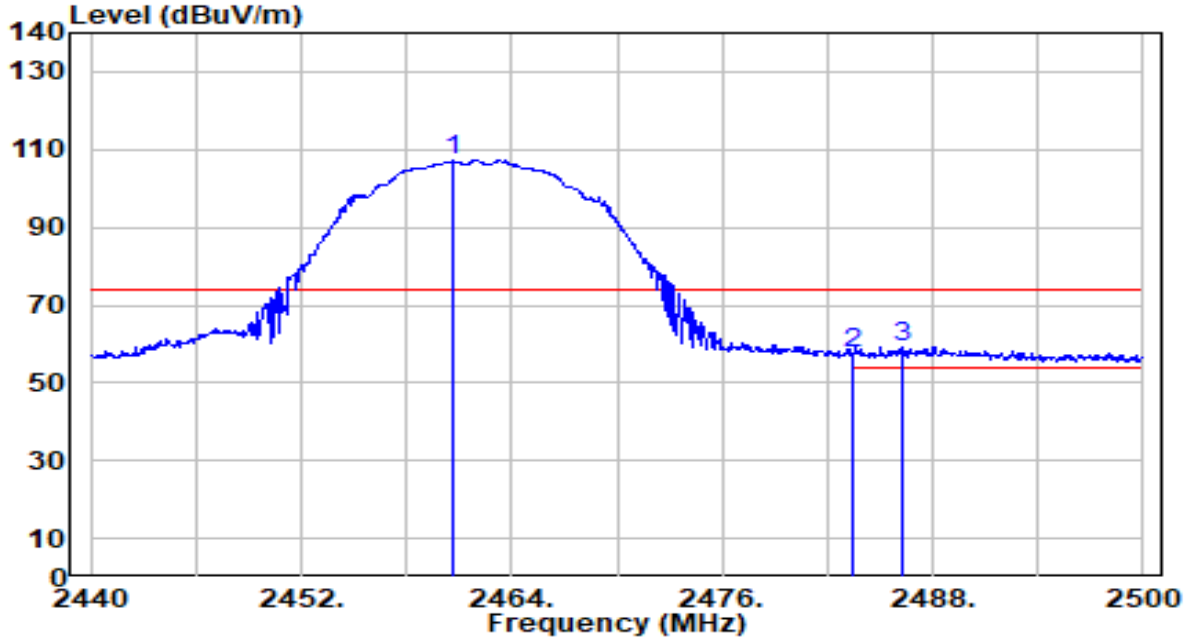



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.760 | 72.66 | 30.84 | 103.49 | N/A | N/A | 100 | 205 | Average |
| 2 | | 2483.500 | 14.96 | 30.91 | 45.88 | -8.12 | 54.00 | 100 | 205 | Average |
| 3 | * | 2487.100 | 15.88 | 30.93 | 46.80 | -7.20 | 54.00 | 100 | 205 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

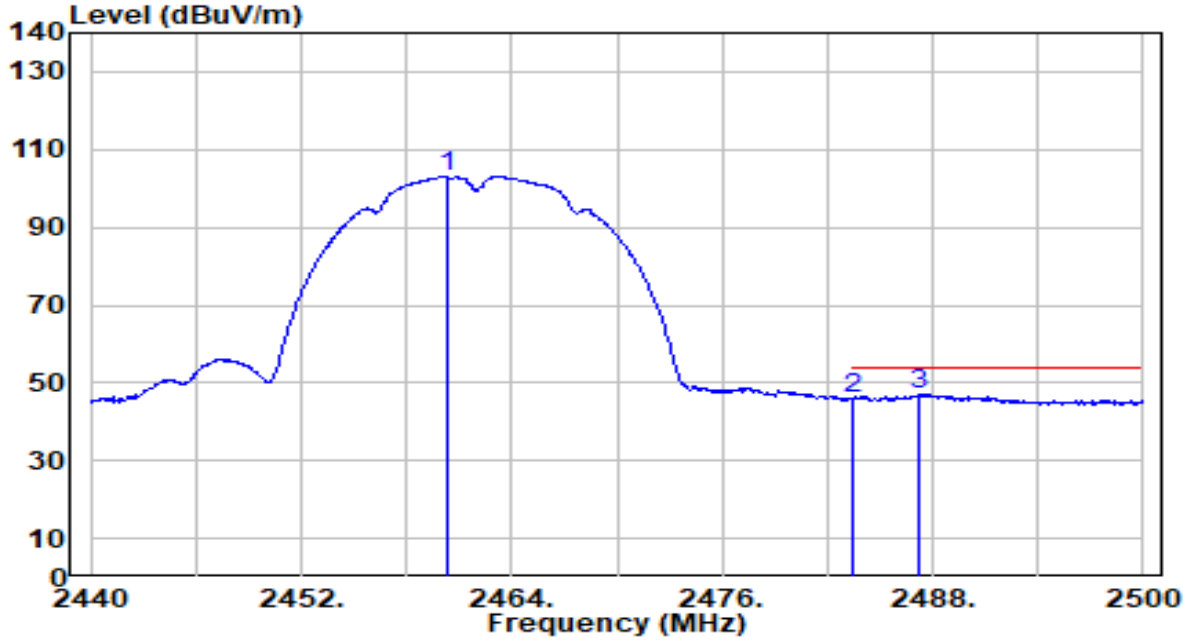



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.580 | 76.57 | 30.84 | 107.41 | N/A | N/A | 100 | 280 | Peak |
| 2 | | 2483.500 | 26.59 | 30.91 | 57.51 | -16.49 | 74.00 | 100 | 280 | Peak |
| 3 | * | 2486.200 | 28.05 | 30.92 | 58.97 | -15.03 | 74.00 | 100 | 280 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11b_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

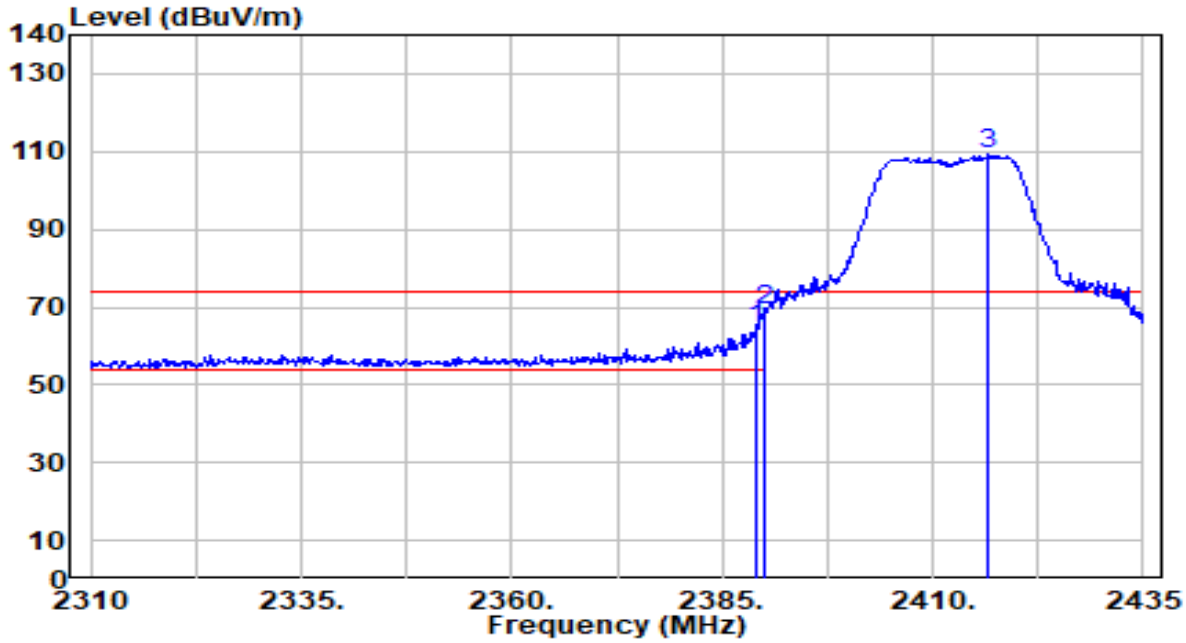



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2460.340 | 72.24 | 30.83 | 103.07 | N/A | N/A | 100 | 280 | Average |
| 2 | | 2483.500 | 15.19 | 30.91 | 46.10 | -7.90 | 54.00 | 100 | 280 | Average |
| 3 | * | 2487.280 | 16.18 | 30.93 | 47.11 | -6.89 | 54.00 | 100 | 280 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

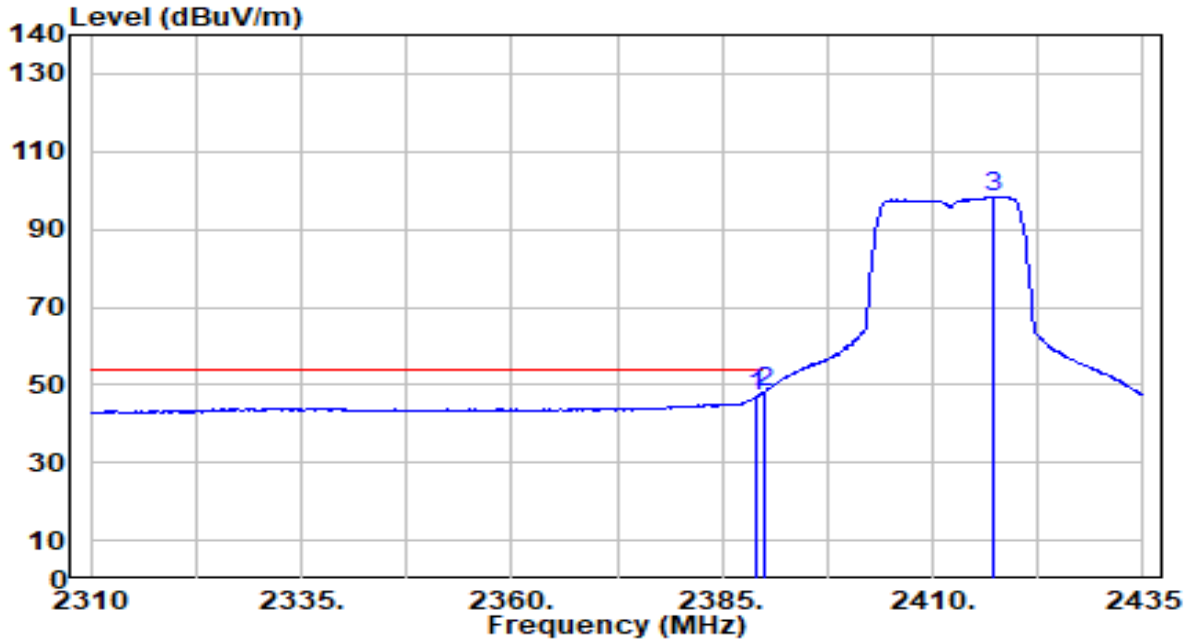



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 33.90 | 30.61 | 64.51 | -9.49 | 74.00 | 100 | 200 | Peak |
| 2 | * | 2390.000 | 38.68 | 30.61 | 69.30 | -4.70 | 74.00 | 100 | 200 | Peak |
| 3 | | 2416.625 | 78.43 | 30.68 | 109.11 | N/A | N/A | 100 | 200 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

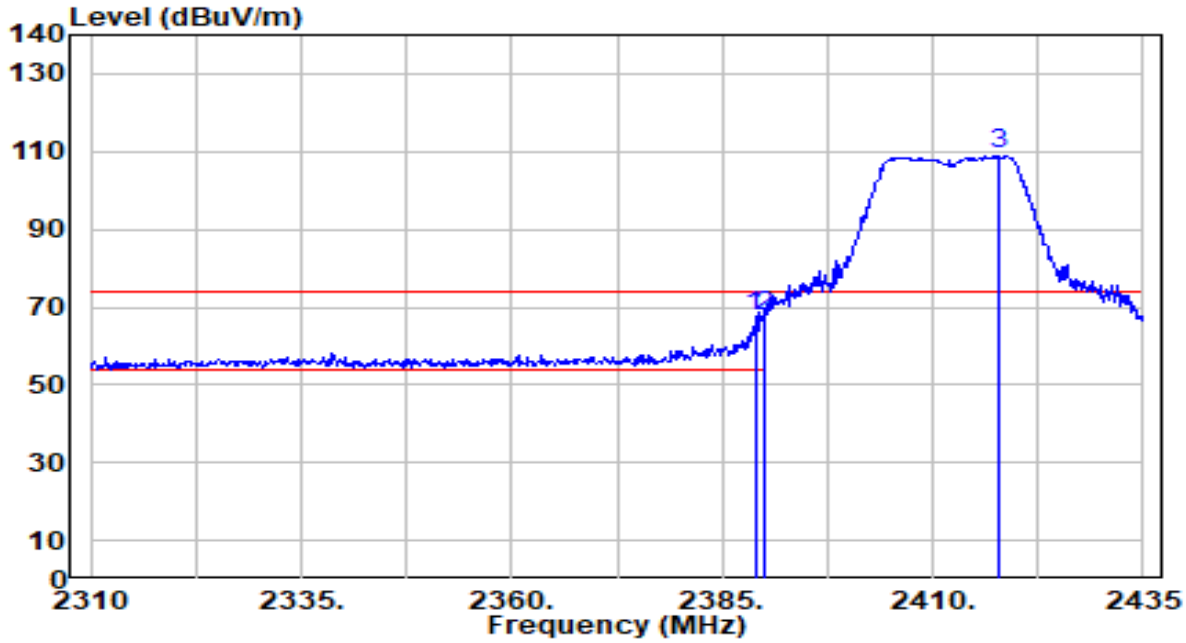



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 16.16 | 30.61 | 46.77 | -7.23 | 54.00 | 100 | 200 | Average |
| 2 | * | 2390.000 | 17.59 | 30.61 | 48.20 | -5.80 | 54.00 | 100 | 200 | Average |
| 3 | | 2417.250 | 67.73 | 30.69 | 98.42 | N/A | N/A | 100 | 200 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

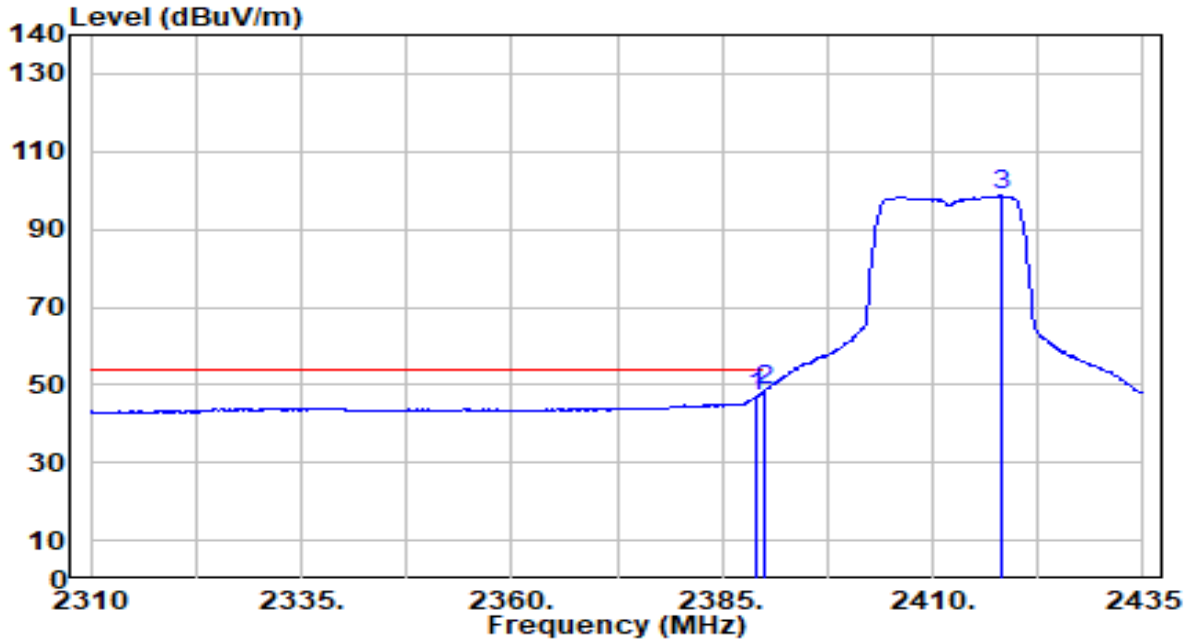



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.875 | 37.20 | 30.61 | 67.82 | -6.18 | 74.00 | 100 | 285 | Peak |
| 2 | | 2390.000 | 37.18 | 30.61 | 67.79 | -6.21 | 74.00 | 100 | 285 | Peak |
| 3 | | 2418.000 | 78.43 | 30.69 | 109.12 | N/A | N/A | 100 | 285 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 1_Ant 0 | Test Voltage | AC 120V/60Hz |

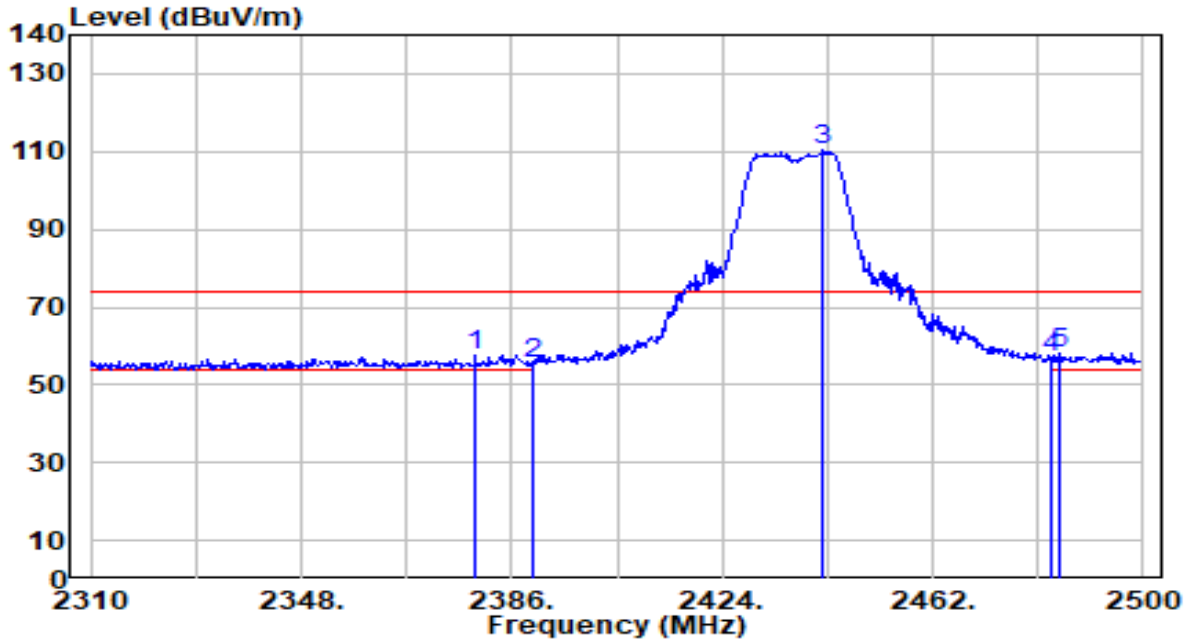



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 16.33 | 30.61 | 46.94 | -7.06 | 54.00 | 100 | 285 | Average |
| 2 | * | 2390.000 | 17.86 | 30.61 | 48.48 | -5.52 | 54.00 | 100 | 285 | Average |
| 3 | | 2418.125 | 67.87 | 30.69 | 98.56 | N/A | N/A | 100 | 285 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

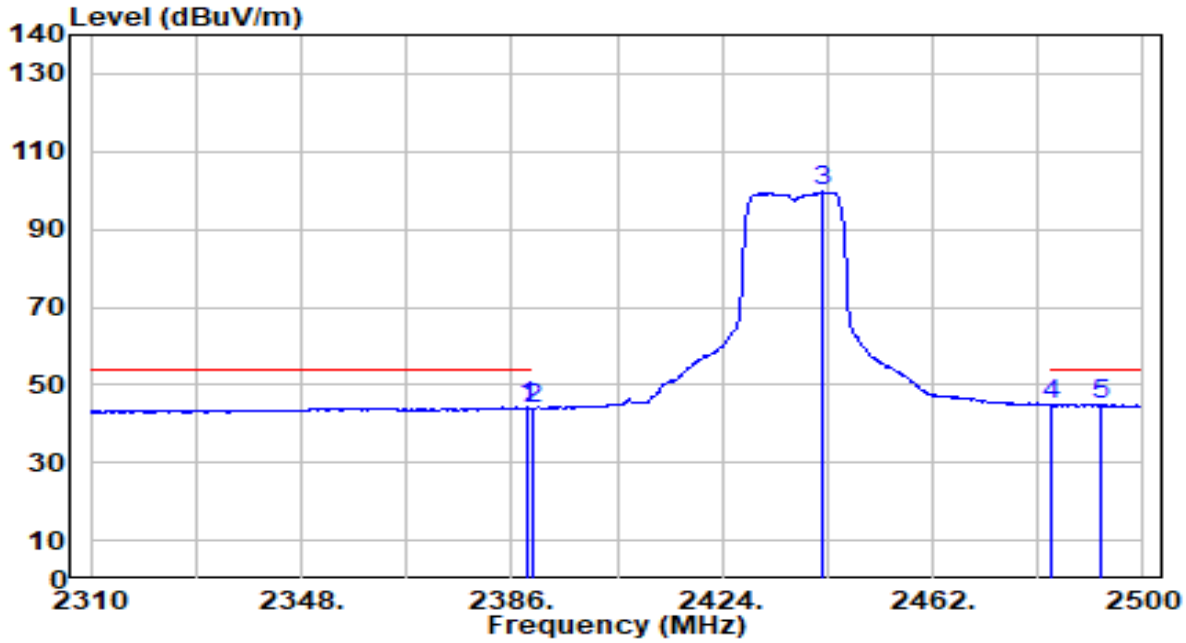



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2379.350 | 26.91 | 30.60 | 57.51 | -16.49 | 74.00 | 115 | 205 | Peak |
| 2 | | 2390.000 | 25.01 | 30.61 | 55.63 | -18.37 | 74.00 | 115 | 205 | Peak |
| 3 | | 2442.240 | 79.41 | 30.77 | 110.18 | N/A | N/A | 115 | 205 | Peak |
| 4 | | 2483.500 | 26.03 | 30.91 | 56.95 | -17.05 | 74.00 | 115 | 205 | Peak |
| 5 | * | 2484.990 | 27.13 | 30.92 | 58.05 | -15.95 | 74.00 | 115 | 205 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

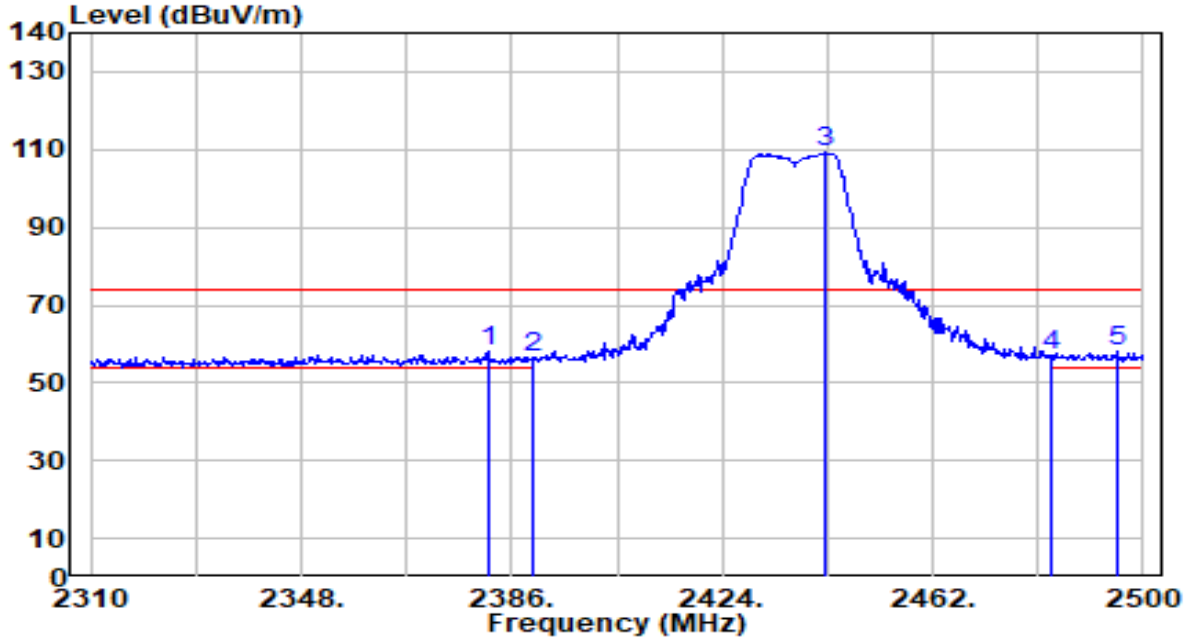



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.040 | 13.63 | 30.61 | 44.25 | -9.75 | 54.00 | 115 | 205 | Average |
| 2 | | 2390.000 | 13.43 | 30.61 | 44.04 | -9.96 | 54.00 | 115 | 205 | Average |
| 3 | | 2442.240 | 68.83 | 30.77 | 99.60 | N/A | N/A | 115 | 205 | Average |
| 4 | | 2483.500 | 13.84 | 30.91 | 44.75 | -9.25 | 54.00 | 115 | 205 | Average |
| 5 | * | 2492.400 | 14.12 | 30.94 | 45.06 | -8.94 | 54.00 | 115 | 205 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

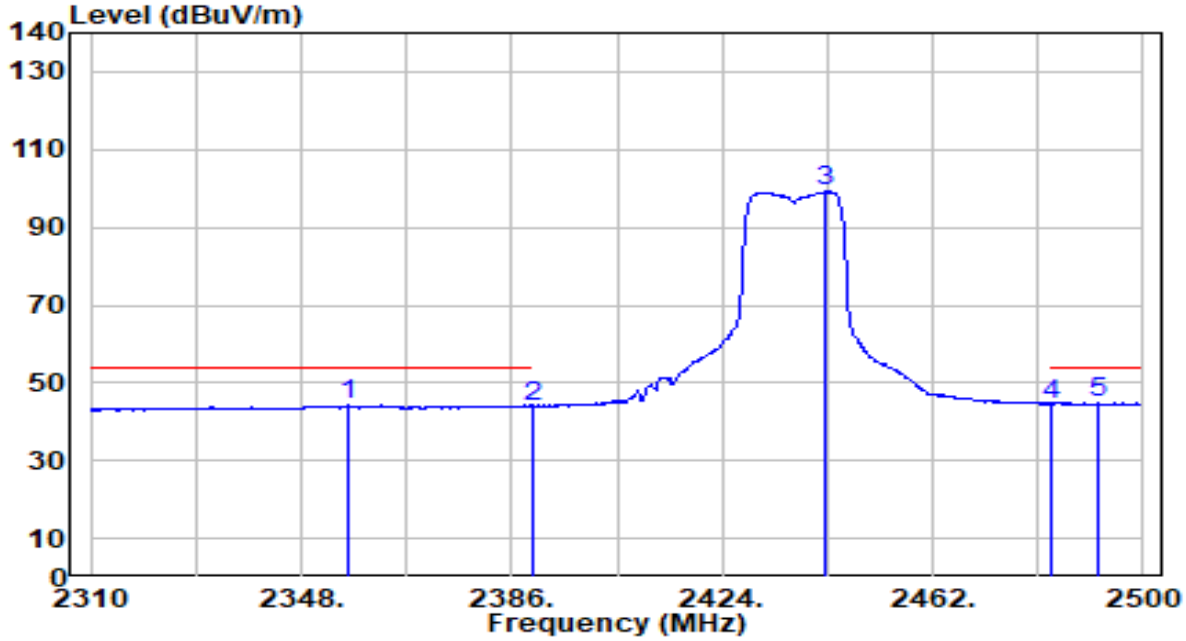



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2381.630 | 27.44 | 30.60 | 58.04 | -15.96 | 74.00 | 100 | 280 | Peak |
| 2 | | 2390.000 | 25.90 | 30.61 | 56.52 | -17.48 | 74.00 | 100 | 280 | Peak |
| 3 | | 2442.430 | 78.50 | 30.77 | 109.28 | N/A | N/A | 100 | 280 | Peak |
| 4 | | 2483.500 | 26.05 | 30.91 | 56.97 | -17.03 | 74.00 | 100 | 280 | Peak |
| 5 | * | 2495.250 | 27.12 | 30.95 | 58.08 | -15.92 | 74.00 | 100 | 280 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 6_Ant 0 | Test Voltage | AC 120V/60Hz |

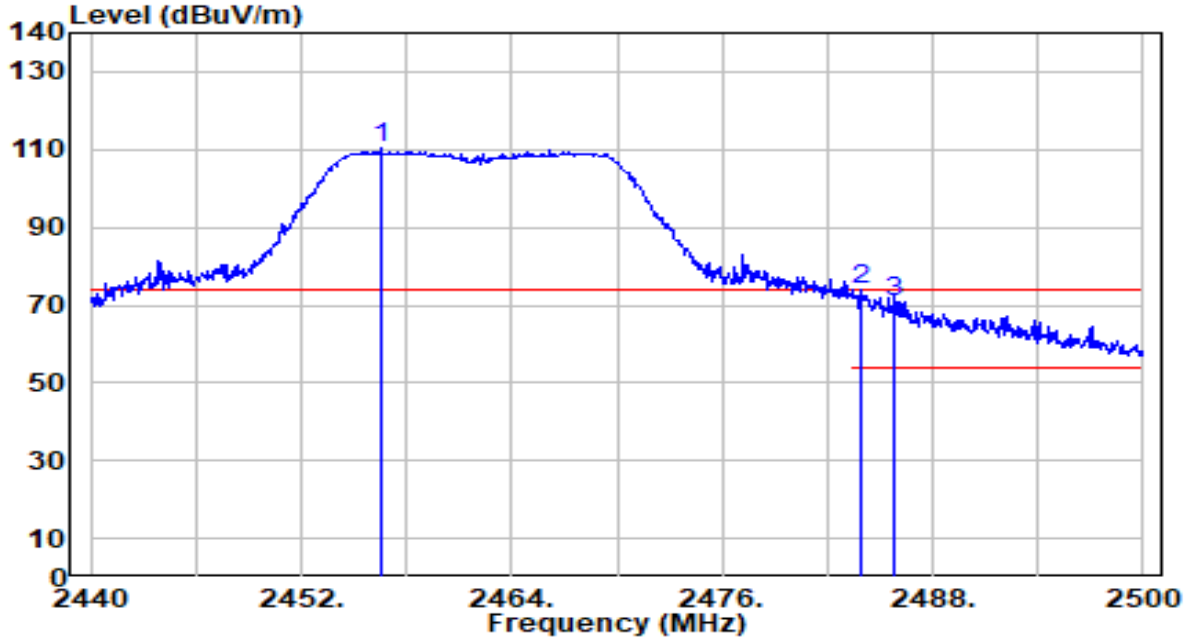



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2356.360 | 13.61 | 30.57 | 44.18 | -9.82 | 54.00 | 100 | 280 | Average |
| 2 | | 2390.000 | 13.48 | 30.61 | 44.09 | -9.91 | 54.00 | 100 | 280 | Average |
| 3 | | 2442.620 | 68.43 | 30.77 | 99.21 | N/A | N/A | 100 | 280 | Average |
| 4 | | 2483.500 | 13.64 | 30.91 | 44.55 | -9.45 | 54.00 | 100 | 280 | Average |
| 5 | * | 2491.830 | 13.90 | 30.94 | 44.84 | -9.16 | 54.00 | 100 | 280 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

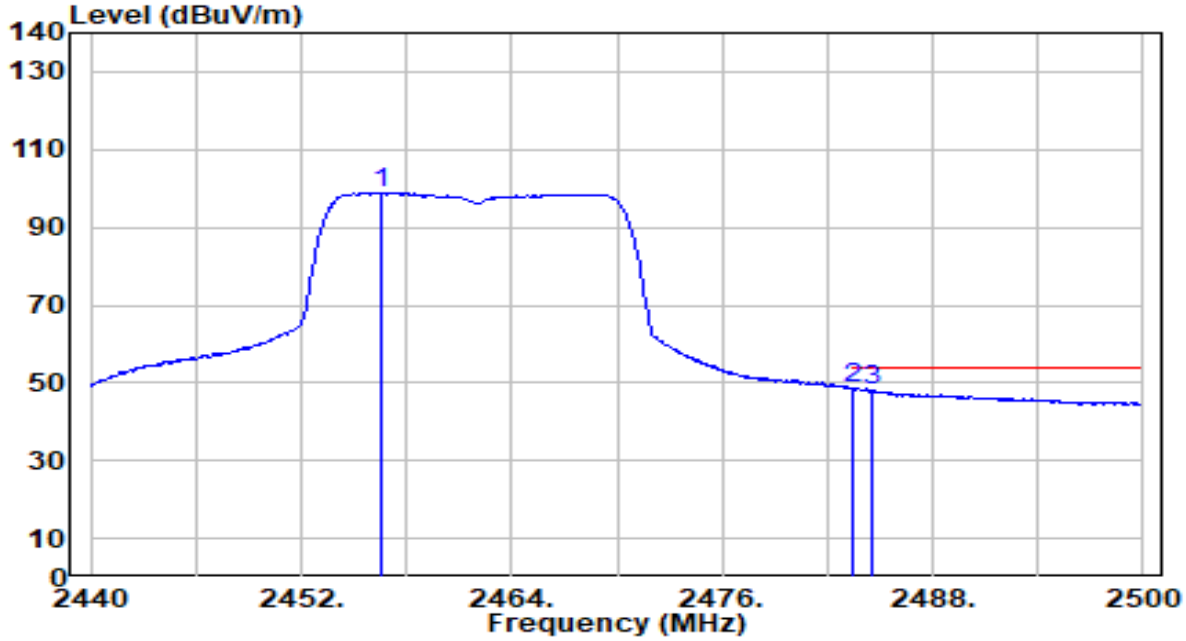



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2456.500 | 79.37 | 30.82 | 110.19 | N/A | N/A | 105 | 205 | Peak |
| 2 | * | 2483.920 | 42.90 | 30.92 | 73.82 | -0.18 | 74.00 | 105 | 203 | Peak |
| 3 | | 2485.840 | 39.98 | 30.92 | 70.90 | -3.10 | 74.00 | 105 | 205 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

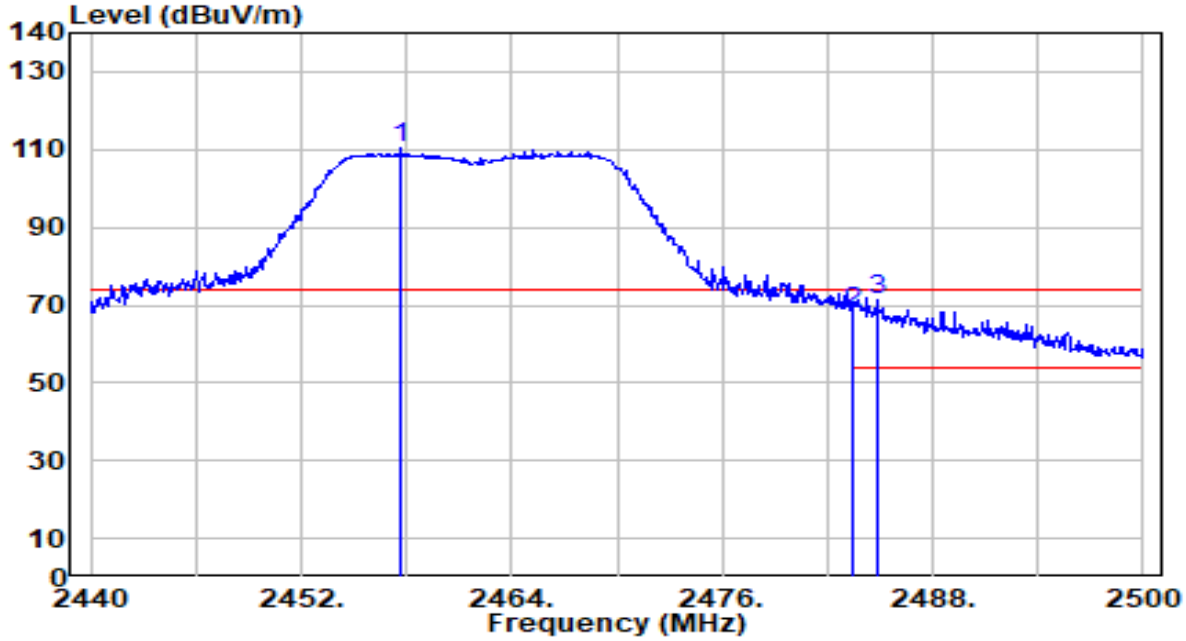



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2456.560 | 68.11 | 30.82 | 98.93 | N/A | N/A | 105 | 205 | Average |
| 2 | * | 2483.500 | 17.53 | 30.91 | 48.45 | -5.55 | 54.00 | 105 | 205 | Average |
| 3 | | 2484.520 | 17.24 | 30.92 | 48.15 | -5.85 | 54.00 | 105 | 205 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

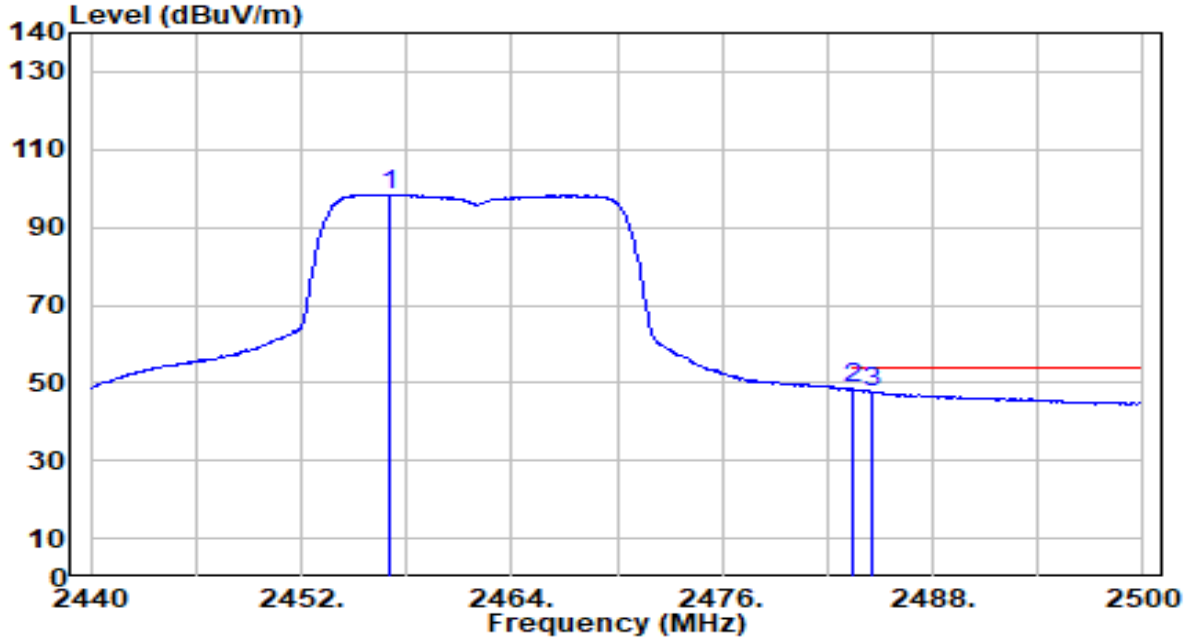



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2457.700 | 79.35 | 30.83 | 110.18 | N/A | N/A | 100 | 280 | Peak |
| 2 | | 2483.500 | 37.40 | 30.91 | 68.31 | -5.69 | 74.00 | 100 | 280 | Peak |
| 3 | * | 2484.820 | 40.15 | 30.92 | 71.07 | -2.93 | 74.00 | 100 | 280 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11g_TX_CH 11_Ant 0 | Test Voltage | AC 120V/60Hz |

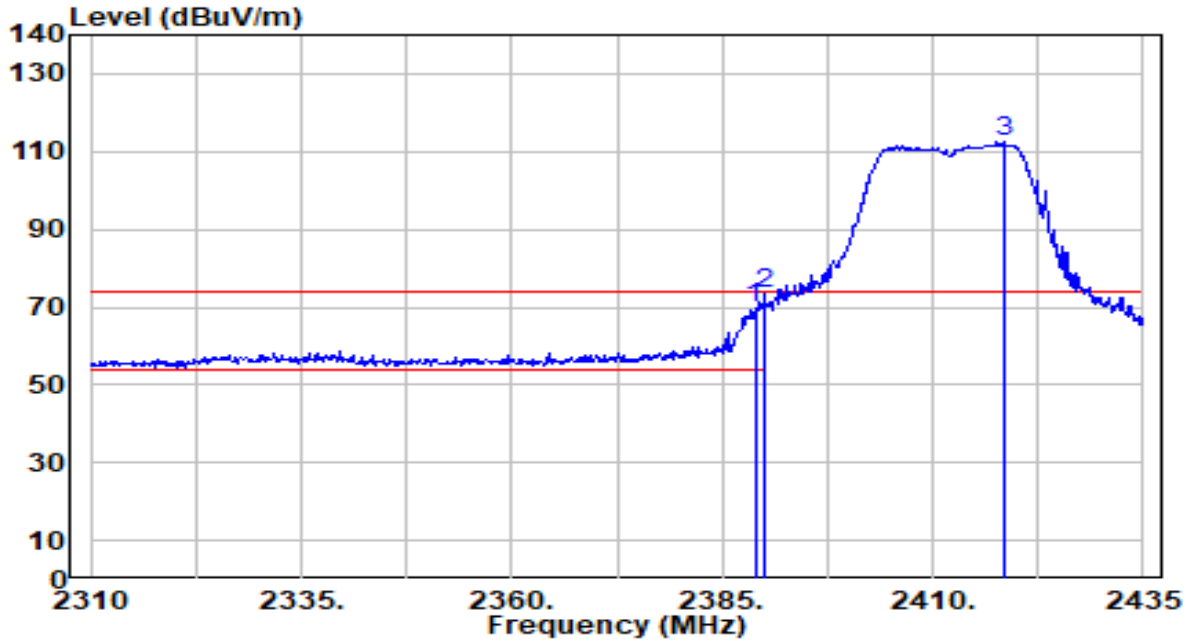



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2456.980 | 67.60 | 30.82 | 98.42 | N/A | N/A | 100 | 280 | Average |
| 2 | * | 2483.500 | 17.45 | 30.91 | 48.36 | -5.64 | 54.00 | 100 | 280 | Average |
| 3 | | 2484.580 | 16.76 | 30.92 | 47.67 | -6.33 | 54.00 | 100 | 280 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

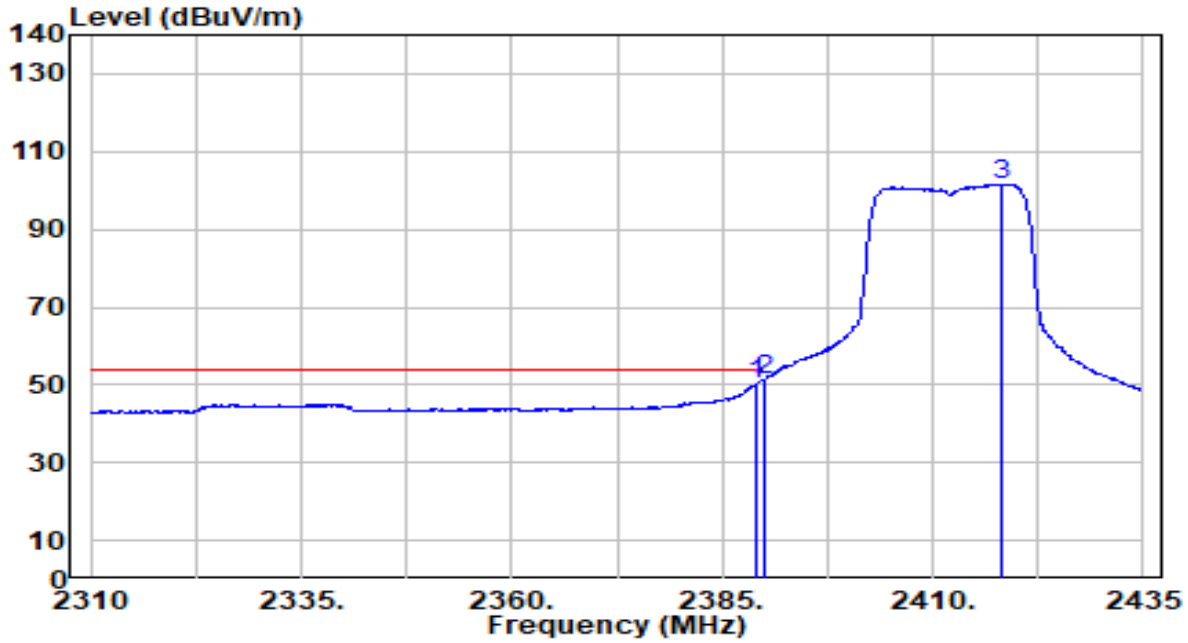



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.875 | 38.97 | 30.61 | 69.58 | -4.42 | 74.00 | 110 | 215 | Peak |
| 2 | * | 2390.000 | 42.79 | 30.61 | 73.40 | -0.60 | 74.00 | 110 | 215 | Peak |
| 3 | | 2418.625 | 81.95 | 30.69 | 112.64 | N/A | N/A | 110 | 215 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

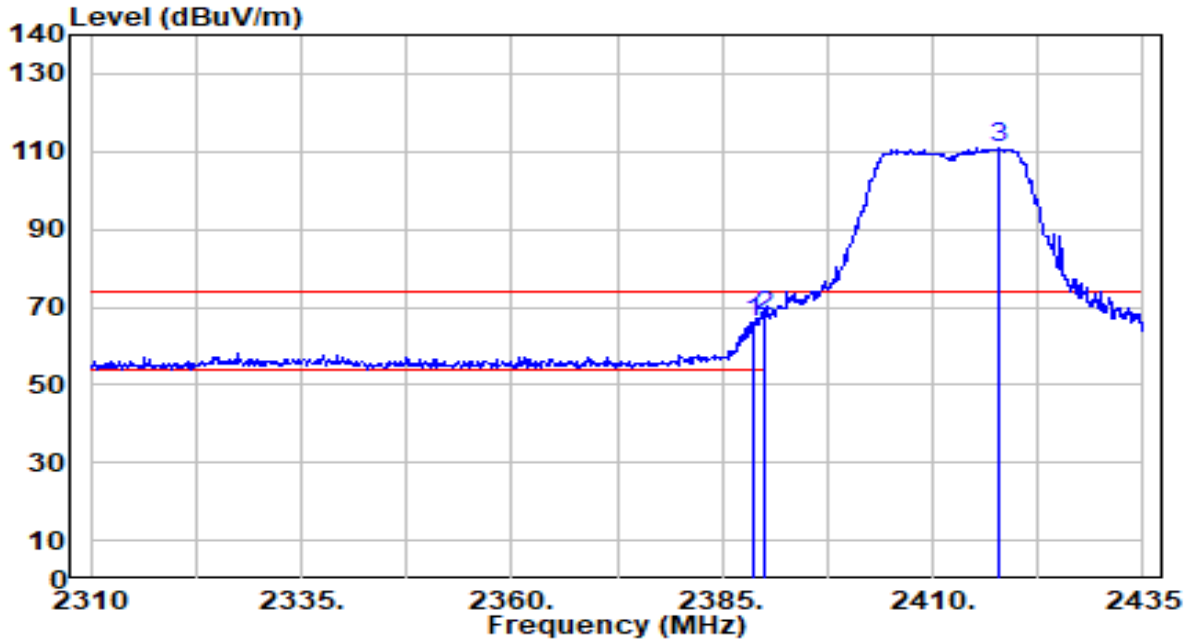



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 19.50 | 30.61 | 50.11 | -3.89 | 54.00 | 110 | 215 | Average |
| 2 | * | 2390.000 | 20.84 | 30.61 | 51.46 | -2.54 | 54.00 | 110 | 215 | Average |
| 3 | | 2418.250 | 70.89 | 30.69 | 101.58 | N/A | N/A | 110 | 215 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

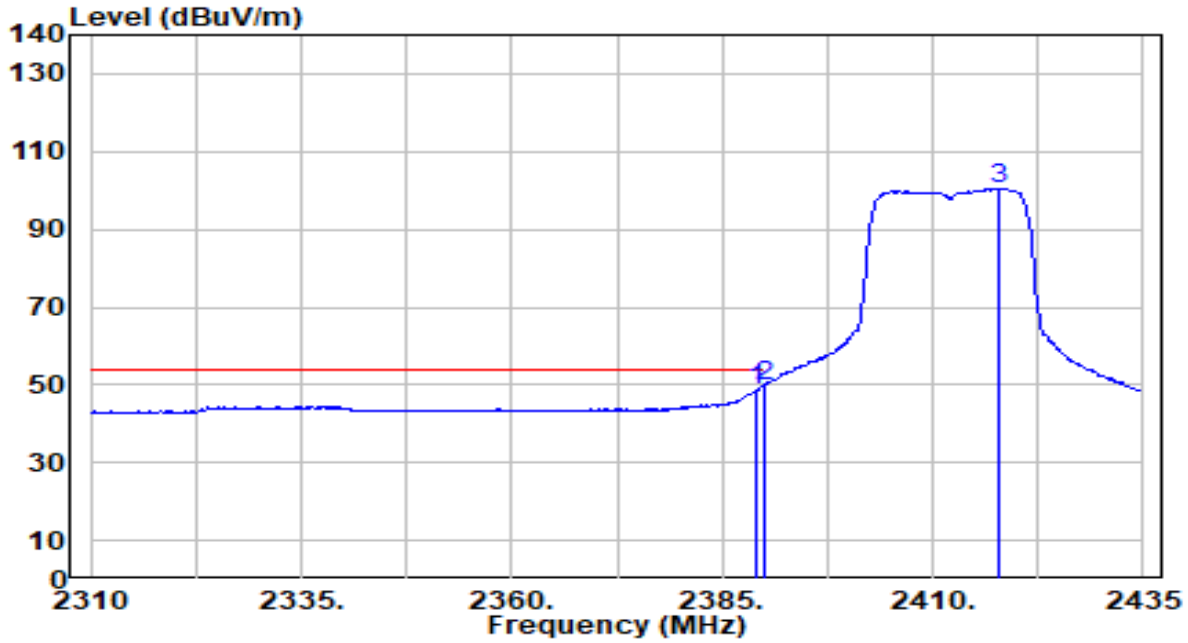



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.625 | 35.58 | 30.61 | 66.19 | -7.81 | 74.00 | 100 | 285 | Peak |
| 2 | * | 2390.000 | 36.89 | 30.61 | 67.50 | -6.50 | 74.00 | 100 | 285 | Peak |
| 3 | | 2417.750 | 80.23 | 30.69 | 110.92 | N/A | N/A | 100 | 285 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 1_Ant 0+1 | Test Voltage | AC 120V/60Hz |

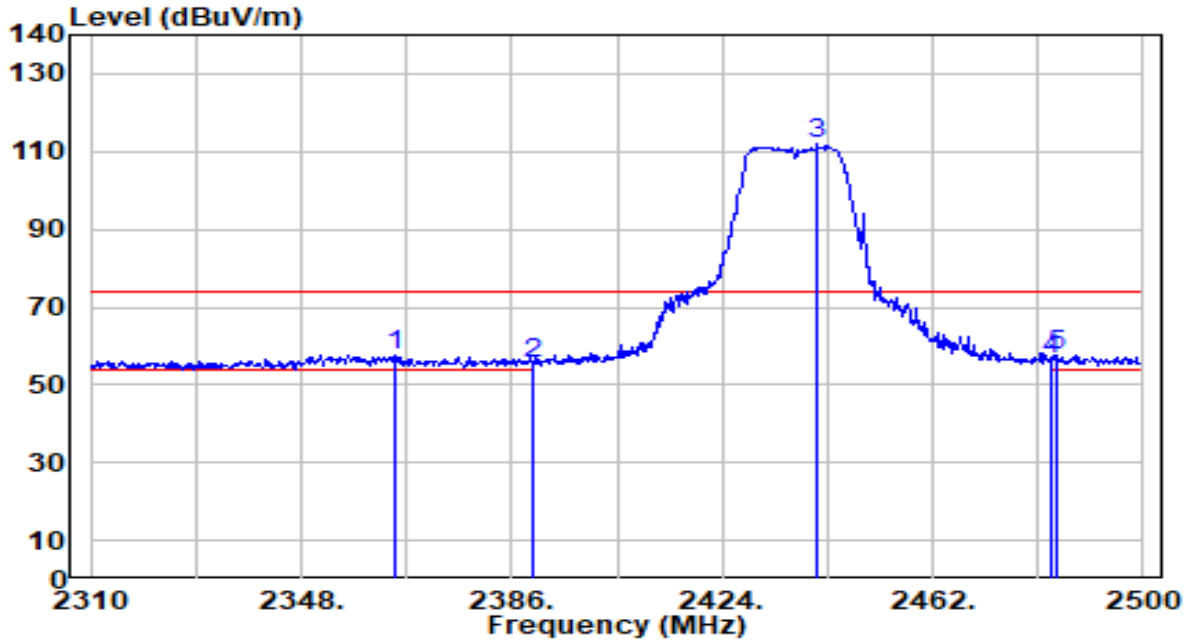



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.000 | 17.87 | 30.61 | 48.49 | -5.51 | 54.00 | 100 | 285 | Average |
| 2 | * | 2390.000 | 19.25 | 30.61 | 49.87 | -4.13 | 54.00 | 100 | 285 | Average |
| 3 | | 2417.875 | 69.80 | 30.69 | 100.49 | N/A | N/A | 100 | 285 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

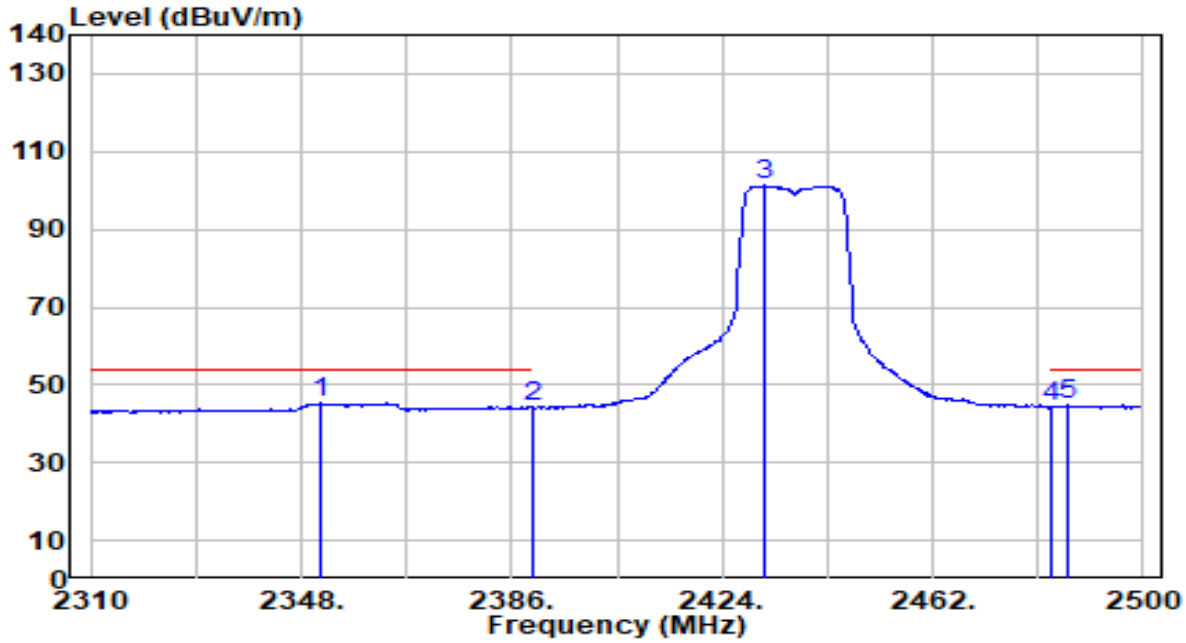



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2365.100 | 27.25 | 30.58 | 57.83 | -16.17 | 74.00 | 135 | 230 | Peak |
| 2 | | 2390.000 | 25.08 | 30.61 | 55.69 | -18.31 | 74.00 | 135 | 230 | Peak |
| 3 | | 2441.290 | 81.44 | 30.77 | 112.21 | N/A | N/A | 135 | 230 | Peak |
| 4 | | 2483.500 | 25.86 | 30.91 | 56.78 | -17.22 | 74.00 | 135 | 230 | Peak |
| 5 | | 2484.230 | 26.58 | 30.92 | 57.49 | -16.51 | 74.00 | 135 | 230 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

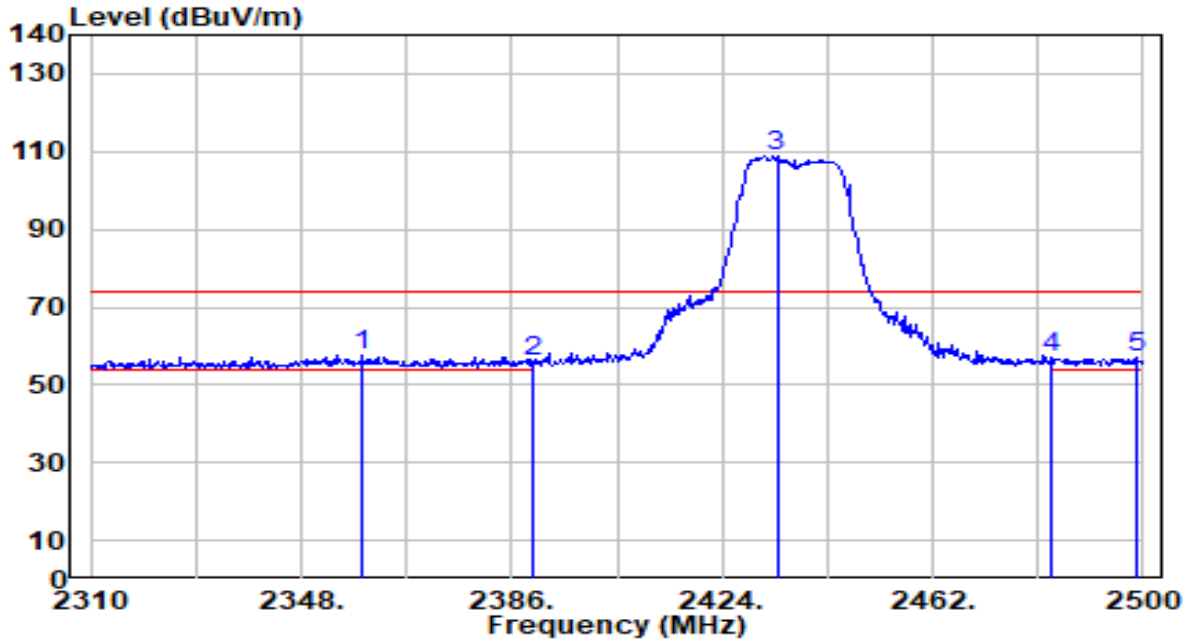



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2351.420 | 14.74 | 30.56 | 45.30 | -8.70 | 54.00 | 135 | 230 | Average |
| 2 | | 2390.000 | 13.68 | 30.61 | 44.29 | -9.71 | 54.00 | 135 | 230 | Average |
| 3 | | 2431.410 | 70.52 | 30.74 | 101.26 | N/A | N/A | 135 | 230 | Average |
| 4 | | 2483.500 | 13.49 | 30.91 | 44.40 | -9.60 | 54.00 | 135 | 230 | Average |
| 5 | | 2486.320 | 13.85 | 30.92 | 44.78 | -9.22 | 54.00 | 135 | 230 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

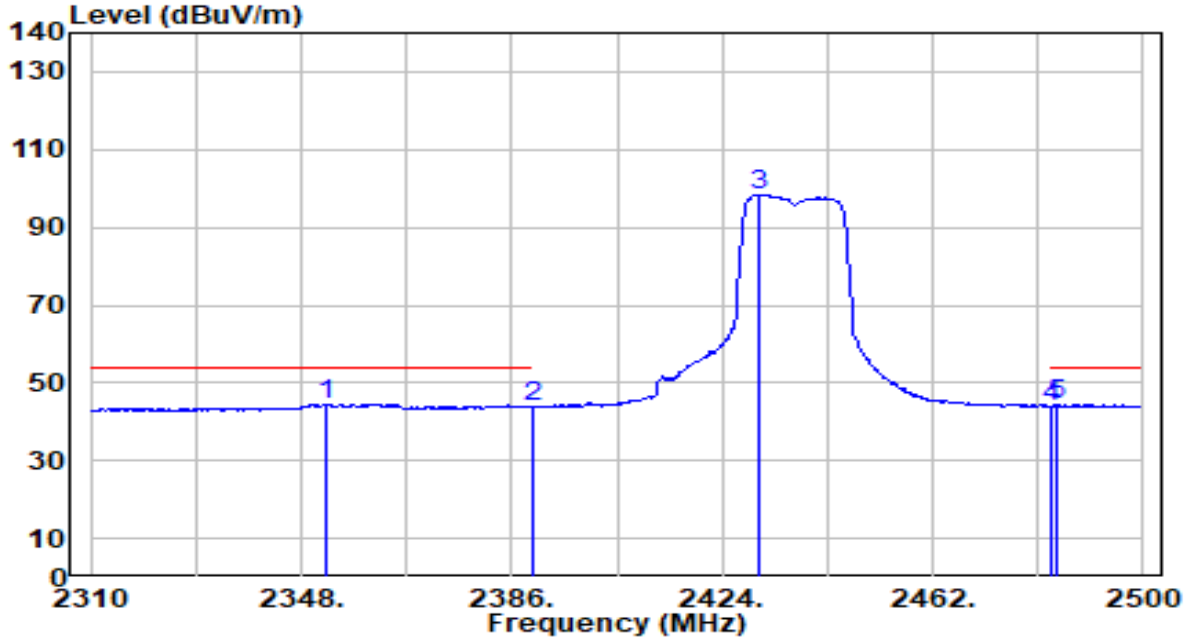



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2359.020 | 26.90 | 30.57 | 57.47 | -16.53 | 74.00 | 235 | 185 | Peak |
| 2 | | 2390.000 | 25.37 | 30.61 | 55.98 | -18.02 | 74.00 | 235 | 185 | Peak |
| 3 | | 2433.880 | 78.13 | 30.74 | 108.87 | N/A | N/A | 235 | 185 | Peak |
| 4 | | 2483.500 | 26.11 | 30.91 | 57.02 | -16.98 | 74.00 | 235 | 185 | Peak |
| 5 | | 2499.050 | 26.22 | 30.97 | 57.19 | -16.81 | 74.00 | 235 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

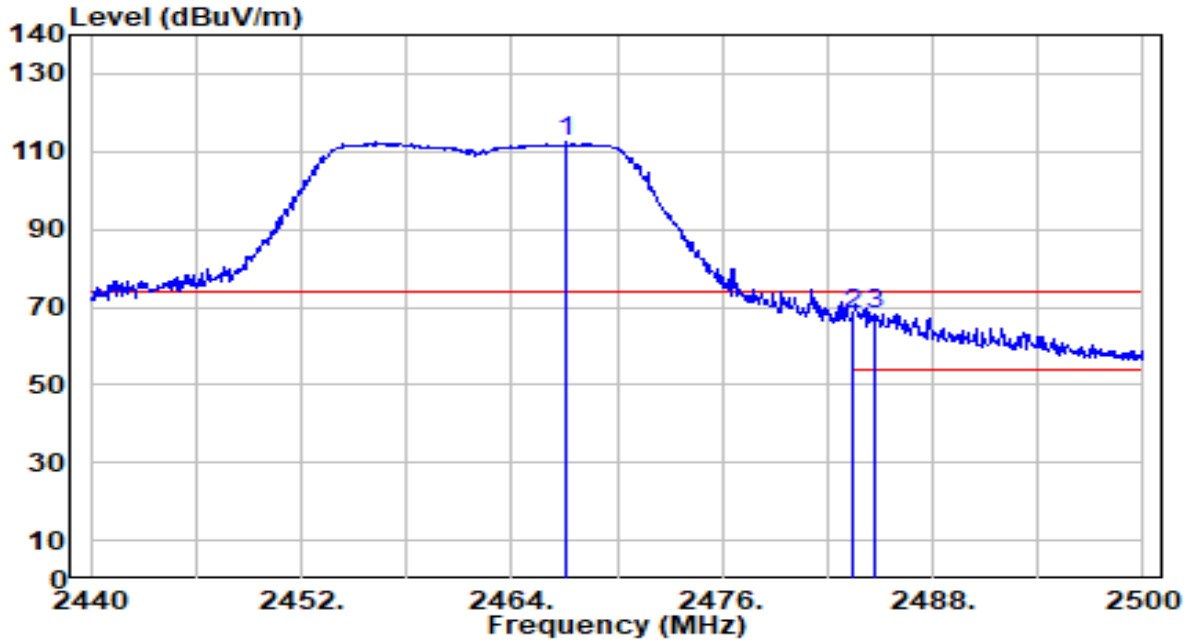



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2352.560 | 13.89 | 30.56 | 44.45 | -9.55 | 54.00 | 235 | 185 | Average |
| 2 | | 2390.000 | 13.04 | 30.61 | 43.65 | -10.35 | 54.00 | 235 | 185 | Average |
| 3 | | 2430.840 | 67.54 | 30.73 | 98.28 | N/A | N/A | 235 | 185 | Average |
| 4 | | 2483.500 | 13.13 | 30.91 | 44.05 | -9.95 | 54.00 | 235 | 185 | Average |
| 5 | | 2484.610 | 13.45 | 30.92 | 44.36 | -9.64 | 54.00 | 235 | 185 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

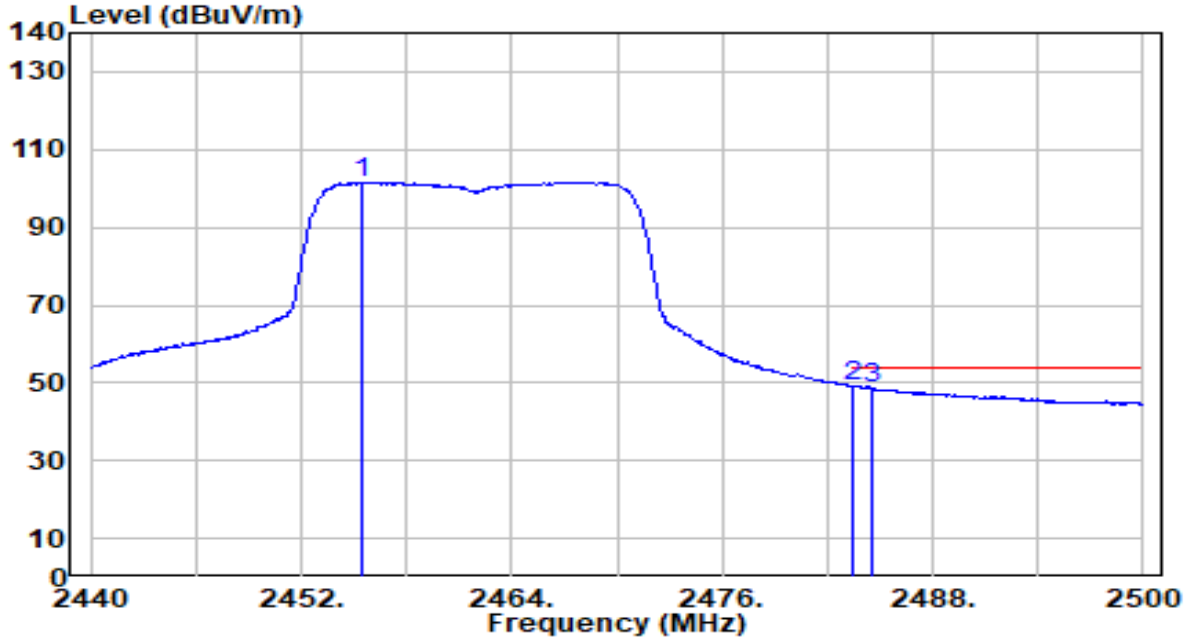



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2467.120 | 81.84 | 30.86 | 112.70 | N/A | N/A | 145 | 235 | Peak |
| 2 | * | 2483.500 | 37.29 | 30.91 | 68.21 | -5.79 | 74.00 | 145 | 235 | Peak |
| 3 | | 2484.640 | 37.27 | 30.92 | 68.19 | -5.81 | 74.00 | 145 | 235 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

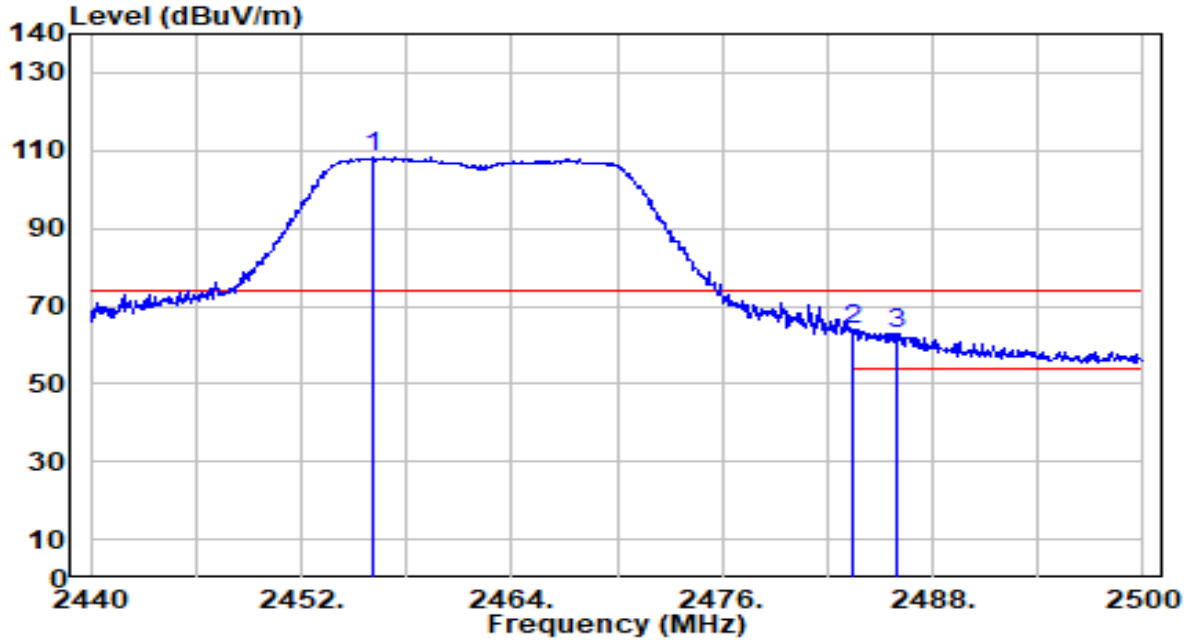



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.480 | 70.85 | 30.82 | 101.66 | N/A | N/A | 145 | 235 | Average |
| 2 | * | 2483.500 | 17.99 | 30.91 | 48.91 | -5.09 | 54.00 | 145 | 235 | Average |
| 3 | | 2484.520 | 17.78 | 30.92 | 48.70 | -5.30 | 54.00 | 145 | 235 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

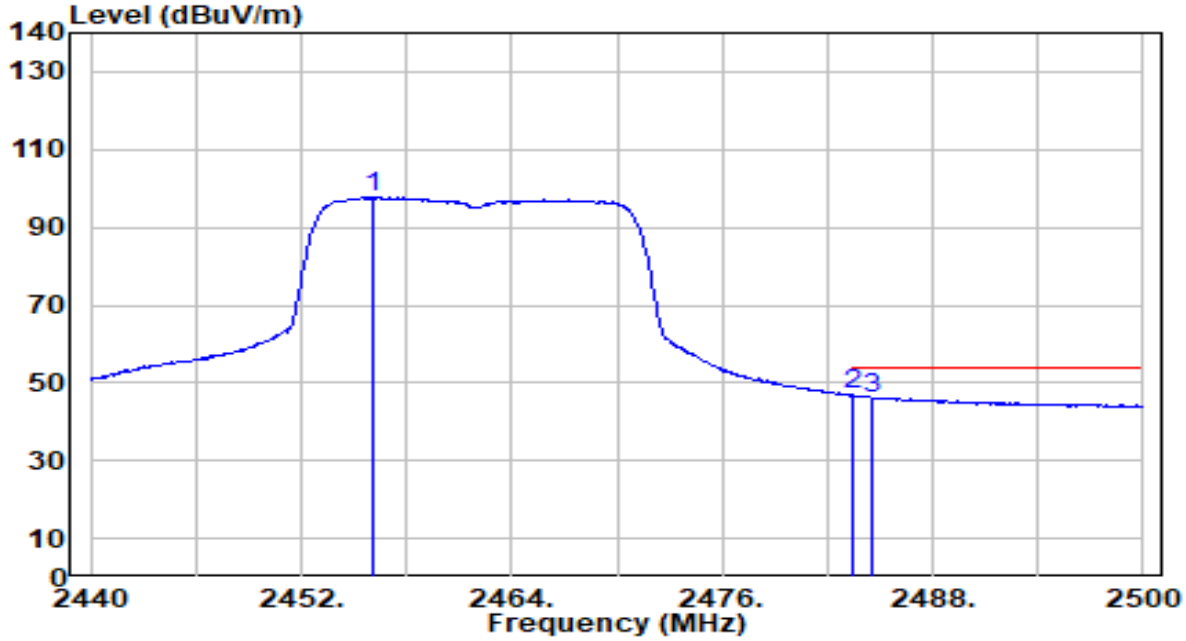



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2456.080 | 77.45 | 30.82 | 108.27 | N/A | N/A | 215 | 185 | Peak |
| 2 | * | 2483.500 | 32.92 | 30.91 | 63.83 | -10.17 | 74.00 | 215 | 185 | Peak |
| 3 | | 2485.900 | 32.18 | 30.92 | 63.10 | -10.90 | 74.00 | 215 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_CH 11_Ant 0+1 | Test Voltage | AC 120V/60Hz |

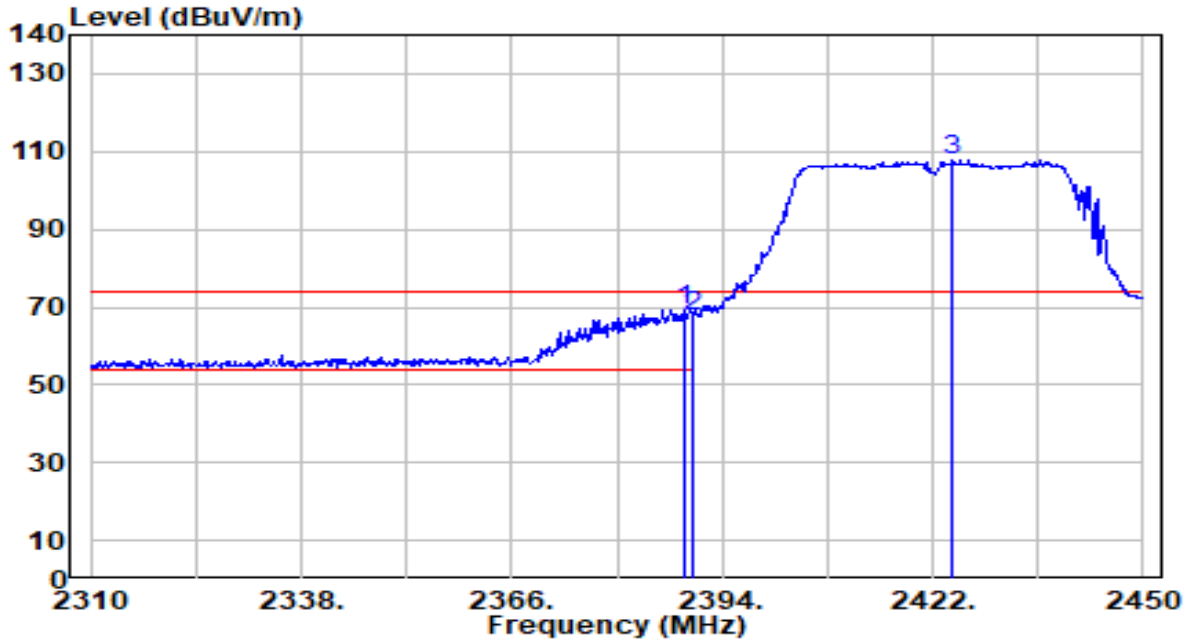



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2456.080 | 66.89 | 30.82 | 97.71 | N/A | N/A | 215 | 185 | Average |
| 2 | * | 2483.500 | 15.85 | 30.91 | 46.76 | -7.24 | 54.00 | 215 | 185 | Average |
| 3 | | 2484.520 | 15.22 | 30.92 | 46.14 | -7.86 | 54.00 | 215 | 185 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

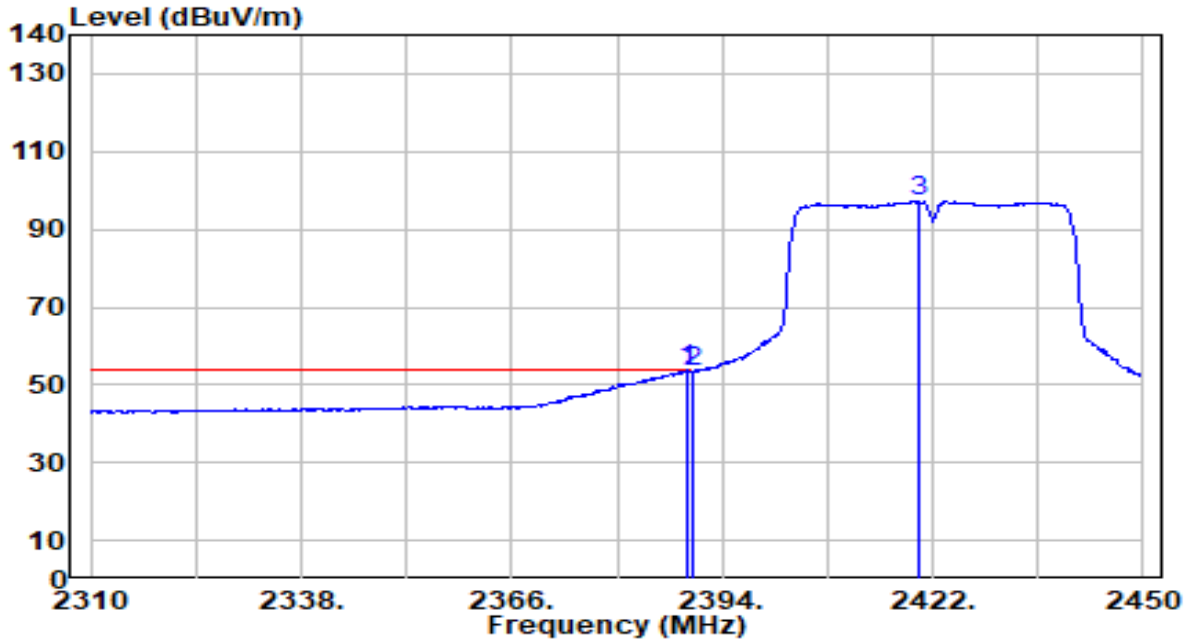



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.820 | 38.83 | 30.61 | 69.44 | -4.56 | 74.00 | 150 | 235 | Peak |
| 2 | | 2390.000 | 36.78 | 30.61 | 67.40 | -6.60 | 74.00 | 150 | 235 | Peak |
| 3 | | 2424.660 | 77.31 | 30.71 | 108.02 | N/A | N/A | 150 | 235 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

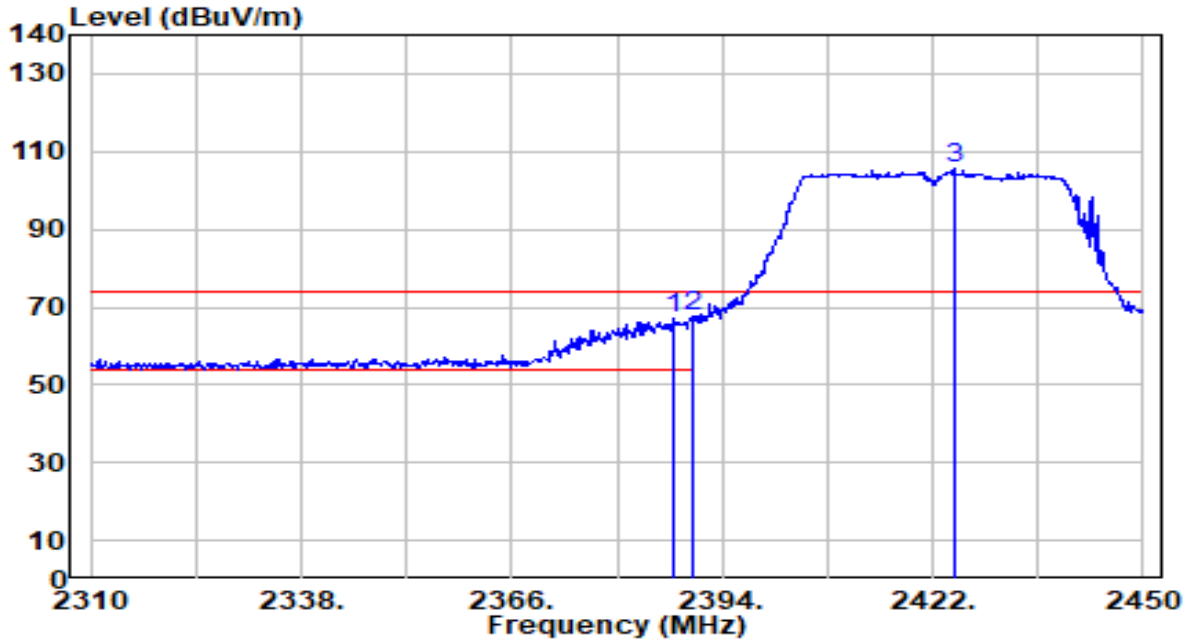



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.380 | 23.23 | 30.61 | 53.85 | -0.15 | 54.00 | 150 | 235 | Average |
| 2 | | 2390.000 | 22.77 | 30.61 | 53.39 | -0.61 | 54.00 | 150 | 235 | Average |
| 3 | | 2420.180 | 66.44 | 30.70 | 97.14 | N/A | N/A | 150 | 235 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

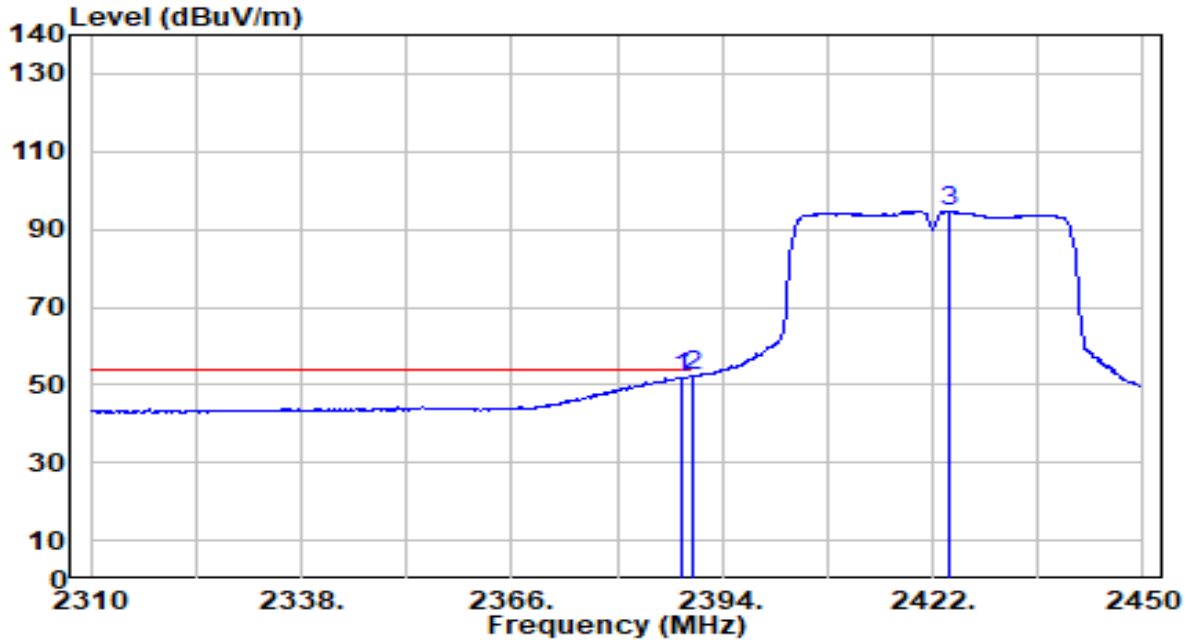



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.420 | 36.55 | 30.61 | 67.16 | -6.84 | 74.00 | 240 | 185 | Peak |
| 2 | * | 2390.000 | 36.86 | 30.61 | 67.47 | -6.53 | 74.00 | 240 | 185 | Peak |
| 3 | | 2424.800 | 74.80 | 30.71 | 105.51 | N/A | N/A | 240 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 3_Ant 0+1 | Test Voltage | AC 120V/60Hz |

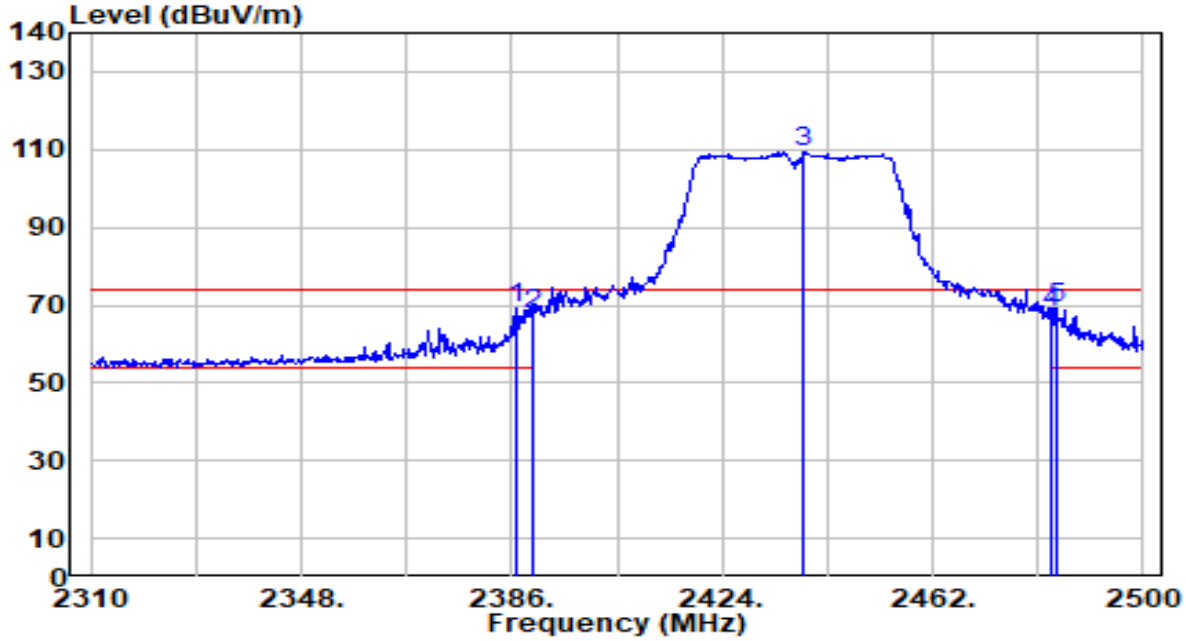



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.680 | 21.34 | 30.61 | 51.96 | -2.04 | 54.00 | 240 | 185 | Average |
| 2 | * | 2390.000 | 21.57 | 30.61 | 52.19 | -1.81 | 54.00 | 240 | 185 | Average |
| 3 | | 2424.240 | 63.87 | 30.71 | 94.59 | N/A | N/A | 240 | 185 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

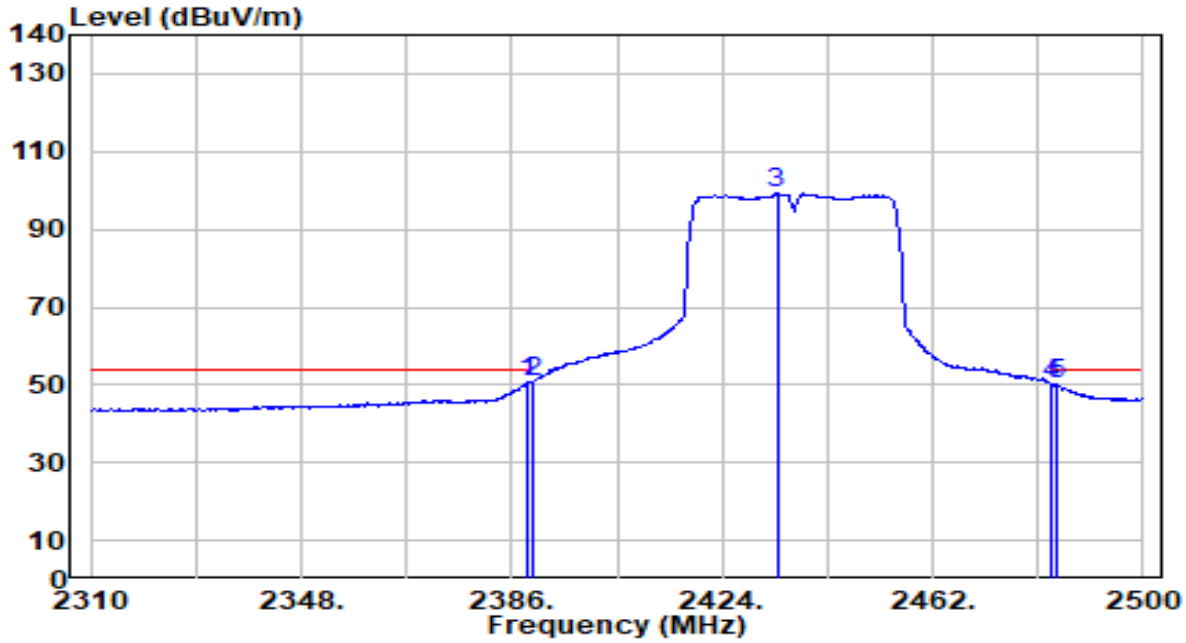



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2386.950 | 38.35 | 30.61 | 68.96 | -5.04 | 74.00 | 140 | 235 | Peak |
| 2 | | 2390.000 | 36.82 | 30.61 | 67.43 | -6.57 | 74.00 | 140 | 235 | Peak |
| 3 | | 2438.820 | 78.72 | 30.76 | 109.48 | N/A | N/A | 140 | 235 | Peak |
| 4 | | 2483.500 | 37.12 | 30.91 | 68.04 | -5.96 | 74.00 | 140 | 235 | Peak |
| 5 | * | 2484.420 | 38.41 | 30.92 | 69.33 | -4.67 | 74.00 | 140 | 235 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

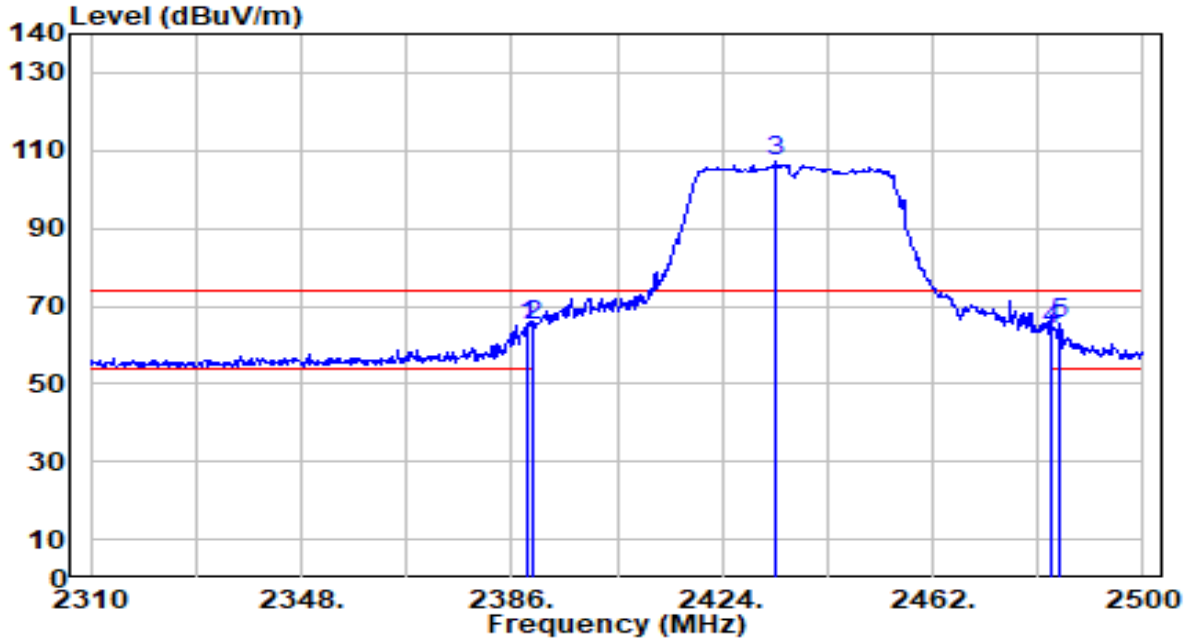



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.040 | 20.31 | 30.61 | 50.92 | -3.08 | 54.00 | 140 | 235 | Average |
| 2 | | 2390.000 | 20.31 | 30.61 | 50.92 | -3.08 | 54.00 | 140 | 235 | Average |
| 3 | | 2433.880 | 68.35 | 30.74 | 99.10 | N/A | N/A | 140 | 235 | Average |
| 4 | | 2483.500 | 19.20 | 30.91 | 50.11 | -3.89 | 54.00 | 140 | 235 | Average |
| 5 | | 2484.230 | 19.10 | 30.92 | 50.02 | -3.98 | 54.00 | 140 | 235 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

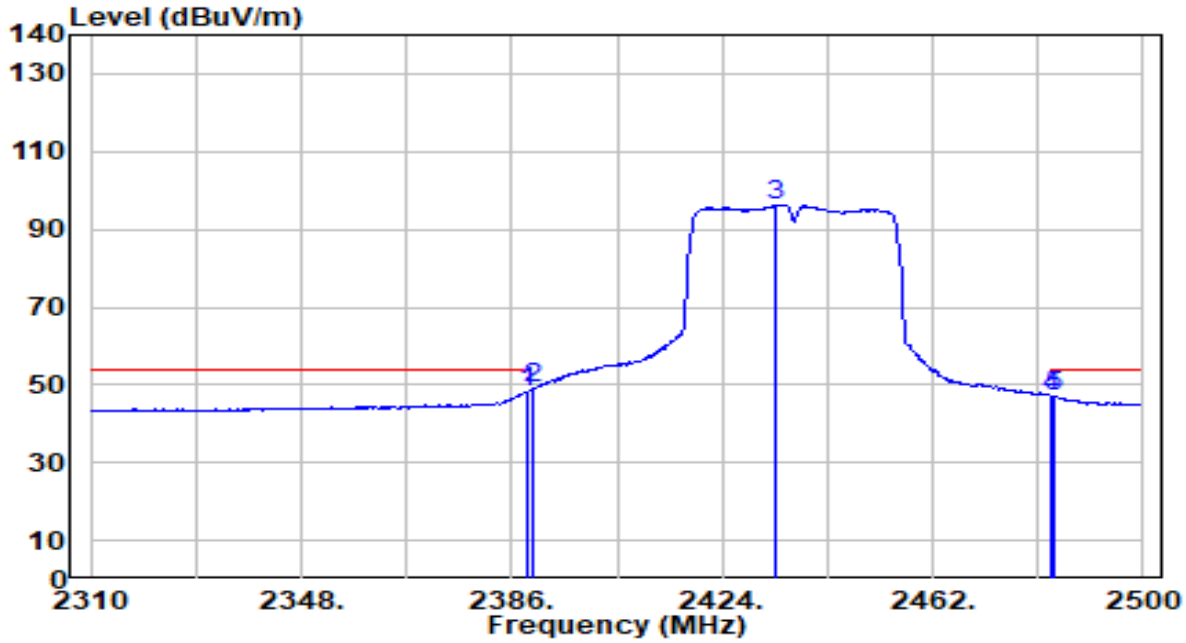



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.660 | 34.59 | 30.61 | 65.20 | -8.80 | 74.00 | 230 | 185 | Peak |
| 2 | | 2390.000 | 34.52 | 30.61 | 65.13 | -8.87 | 74.00 | 230 | 185 | Peak |
| 3 | | 2433.500 | 76.54 | 30.74 | 107.28 | N/A | N/A | 230 | 185 | Peak |
| 4 | | 2483.500 | 33.07 | 30.91 | 63.99 | -10.01 | 74.00 | 230 | 185 | Peak |
| 5 | * | 2484.990 | 34.60 | 30.92 | 65.52 | -8.48 | 74.00 | 230 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V/60Hz |

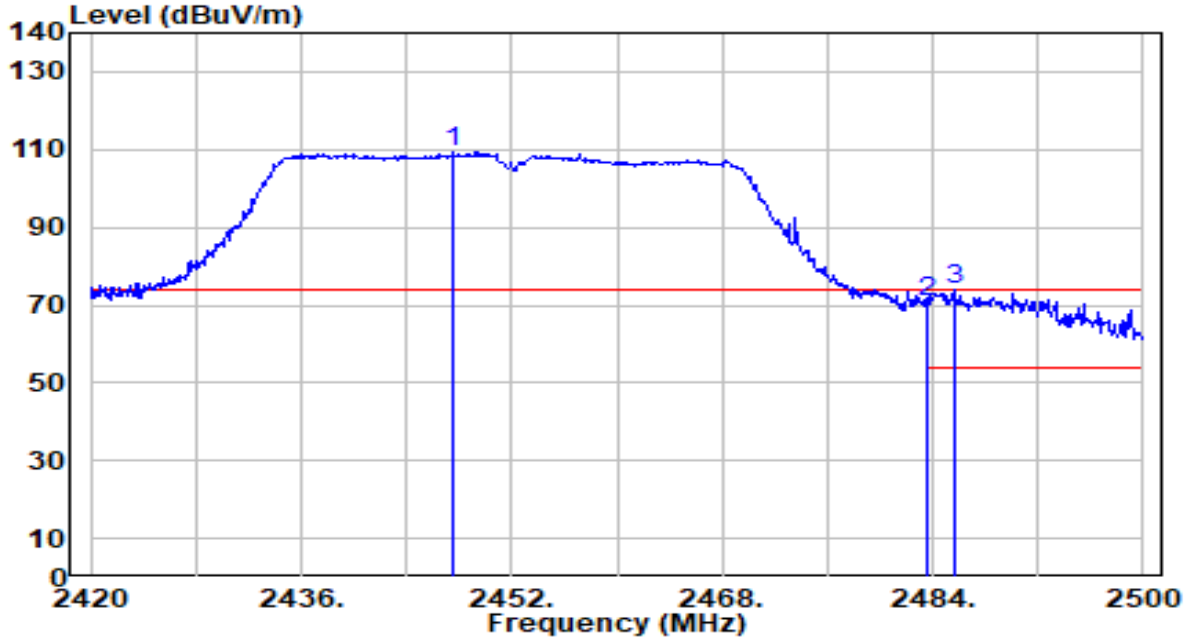



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.040 | 17.71 | 30.61 | 48.32 | -5.68 | 54.00 | 230 | 185 | Average |
| 2 | * | 2390.000 | 18.41 | 30.61 | 49.02 | -4.98 | 54.00 | 230 | 185 | Average |
| 3 | | 2433.500 | 65.59 | 30.74 | 96.33 | N/A | N/A | 230 | 185 | Average |
| 4 | | 2483.500 | 15.97 | 30.91 | 46.88 | -7.12 | 54.00 | 230 | 185 | Average |
| 5 | | 2484.040 | 16.07 | 30.92 | 46.99 | -7.01 | 54.00 | 230 | 185 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_Ant 0+1 | Test Voltage | AC 120V/60Hz |

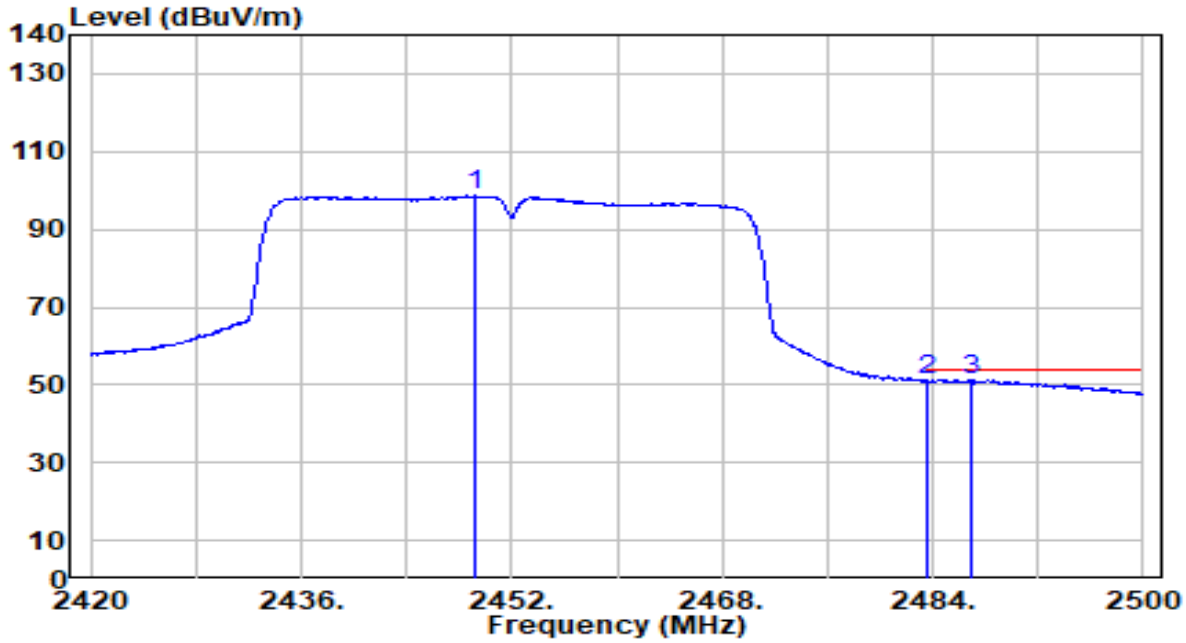



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2447.520 | 78.74 | 30.79 | 109.53 | N/A | N/A | 150 | 235 | Peak |
| 2 | | 2483.500 | 39.62 | 30.91 | 70.53 | -3.47 | 74.00 | 150 | 235 | Peak |
| 3 | * | 2485.600 | 42.95 | 30.92 | 73.87 | -0.13 | 74.00 | 150 | 235 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_Ant 0+1 | Test Voltage | AC 120V/60Hz |

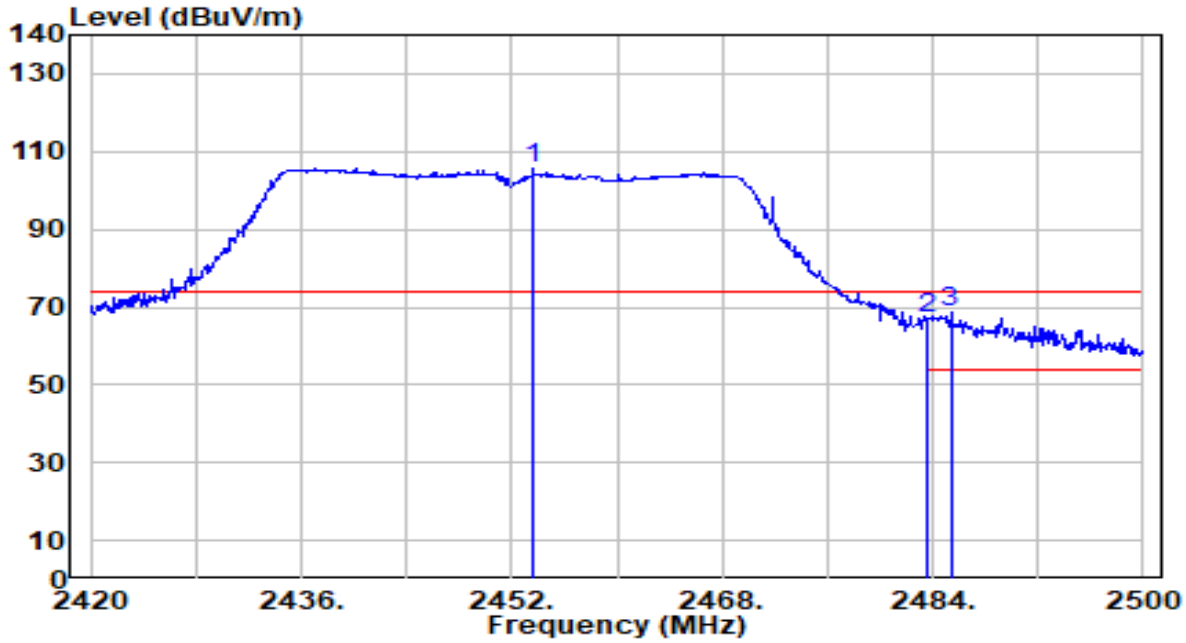



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2449.280 | 67.82 | 30.80 | 98.62 | N/A | N/A | 150 | 235 | Average |
| 2 | | 2483.500 | 20.15 | 30.91 | 51.07 | -2.93 | 54.00 | 150 | 235 | Average |
| 3 | * | 2486.960 | 20.37 | 30.93 | 51.29 | -2.71 | 54.00 | 150 | 235 | Average |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-40MHz_TX_CH 9_Ant 0+1 | Test Voltage | AC 120V/60Hz |

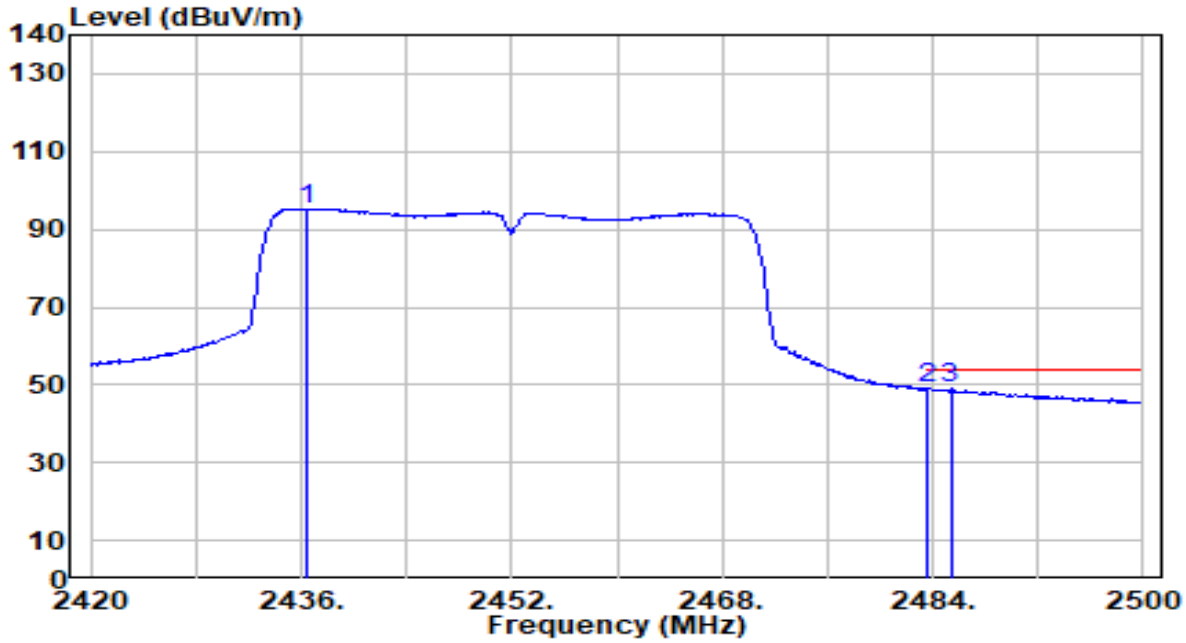



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.600 | 75.07 | 30.81 | 105.88 | N/A | N/A | 230 | 185 | Peak |
| 2 | | 2483.500 | 35.99 | 30.91 | 66.90 | -7.10 | 74.00 | 230 | 185 | Peak |
| 3 | * | 2485.360 | 37.71 | 30.92 | 68.63 | -5.37 | 74.00 | 230 | 185 | Peak |

Note:

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

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-11-30 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /60% |
| 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 | | 2436.400 | 64.55 | 30.75 | 95.30 | N/A | N/A | 230 | 185 | Average |
| 2 | | 2483.500 | 18.04 | 30.91 | 48.95 | -5.05 | 54.00 | 230 | 185 | Average |
| 3 | * | 2485.360 | 18.18 | 30.92 | 49.10 | -4.90 | 54.00 | 230 | 185 | Average |

Note:

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

## 7.8. AC Conducted Emissions Measurement

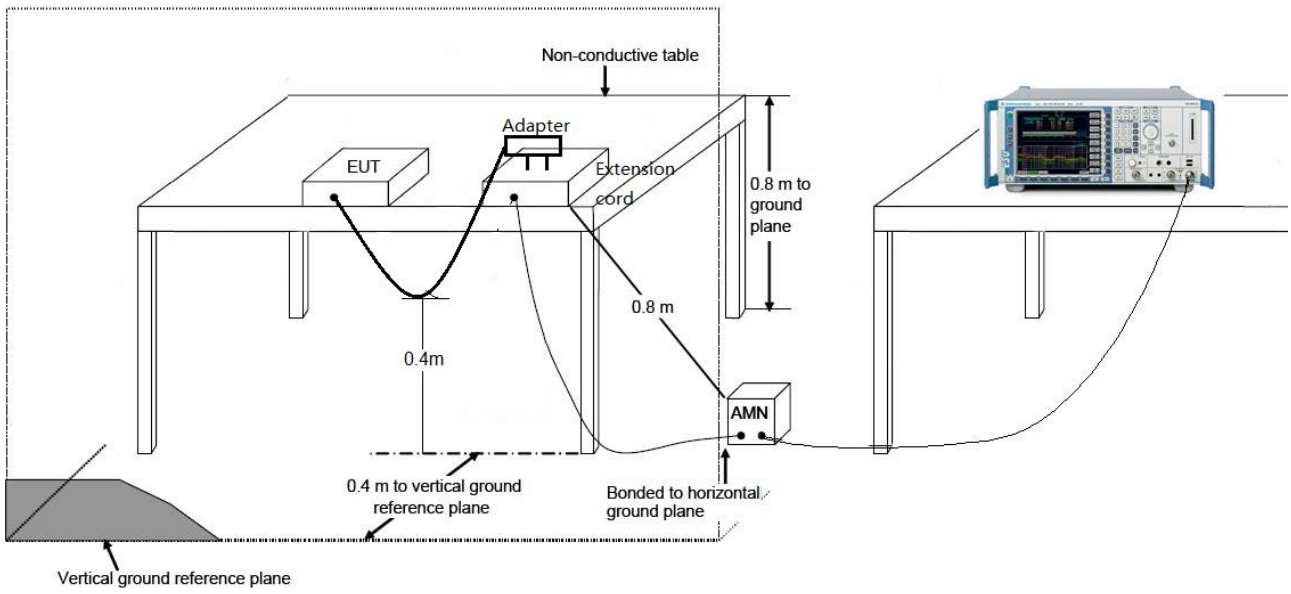
### 7.8.1.Test Limit

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

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

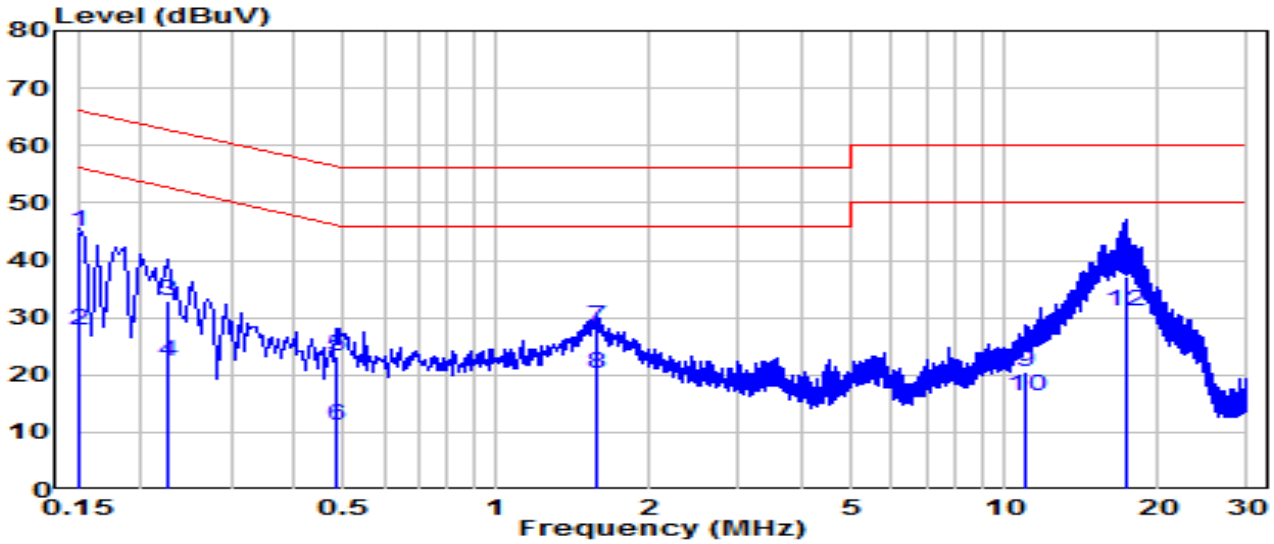
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.8.2.Test Setup



### 7.8.3.Test Result

| EUT | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-12-02 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 22.4°C /60% |
| 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 | 35.40 | 9.62 | 45.02 | -20.98 | 66.00 | QP |
| 2 | | 0.150 | 18.29 | 9.62 | 27.91 | -28.09 | 56.00 | Average |
| 3 | | 0.226 | 23.37 | 9.62 | 32.99 | -29.59 | 62.58 | QP |
| 4 | | 0.226 | 12.65 | 9.62 | 22.27 | -30.30 | 52.58 | Average |
| 5 | | 0.483 | 13.46 | 9.64 | 23.10 | -33.19 | 56.29 | QP |
| 6 | | 0.483 | 1.51 | 9.64 | 11.15 | -35.14 | 46.29 | Average |
| 7 | | 1.576 | 18.60 | 9.68 | 28.28 | -27.72 | 56.00 | QP |
| 8 | | 1.576 | 10.50 | 9.68 | 20.18 | -25.82 | 46.00 | Average |
| 9 | | 10.949 | 10.64 | 9.87 | 20.50 | -39.50 | 60.00 | QP |
| 10 | | 10.949 | 6.43 | 9.87 | 16.29 | -33.71 | 50.00 | Average |
| 11 | * | 17.253 | 27.18 | 9.91 | 37.08 | -22.92 | 60.00 | QP |
| 12 | * | 17.253 | 21.21 | 9.91 | 31.12 | -18.88 | 50.00 | Average |

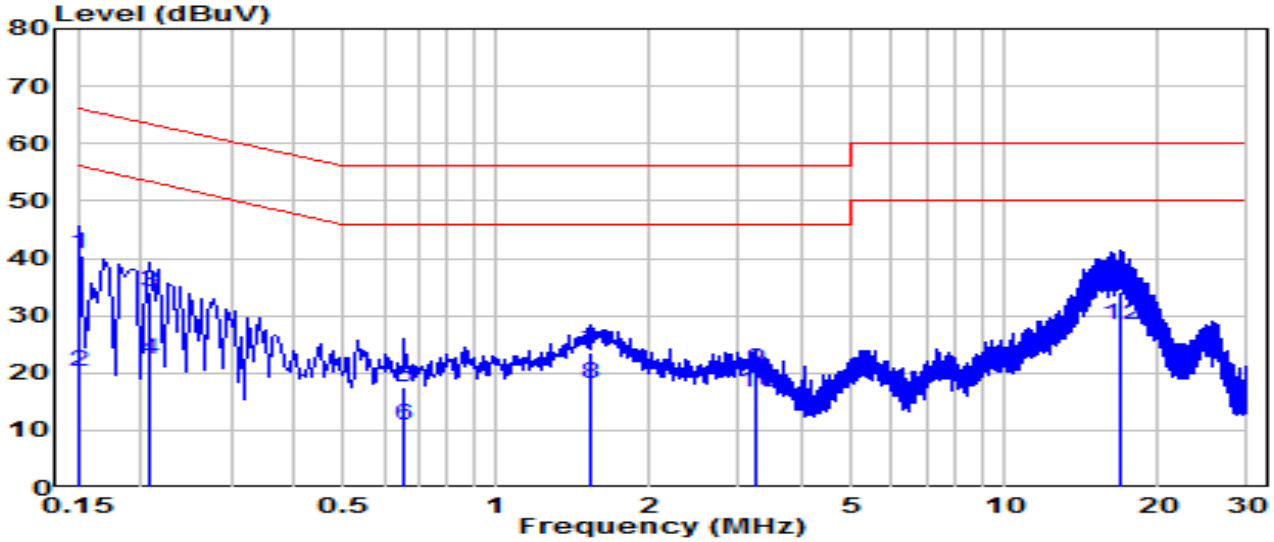
Note:

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 | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-12-02 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 22.4°C /60% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 120V /60Hz |

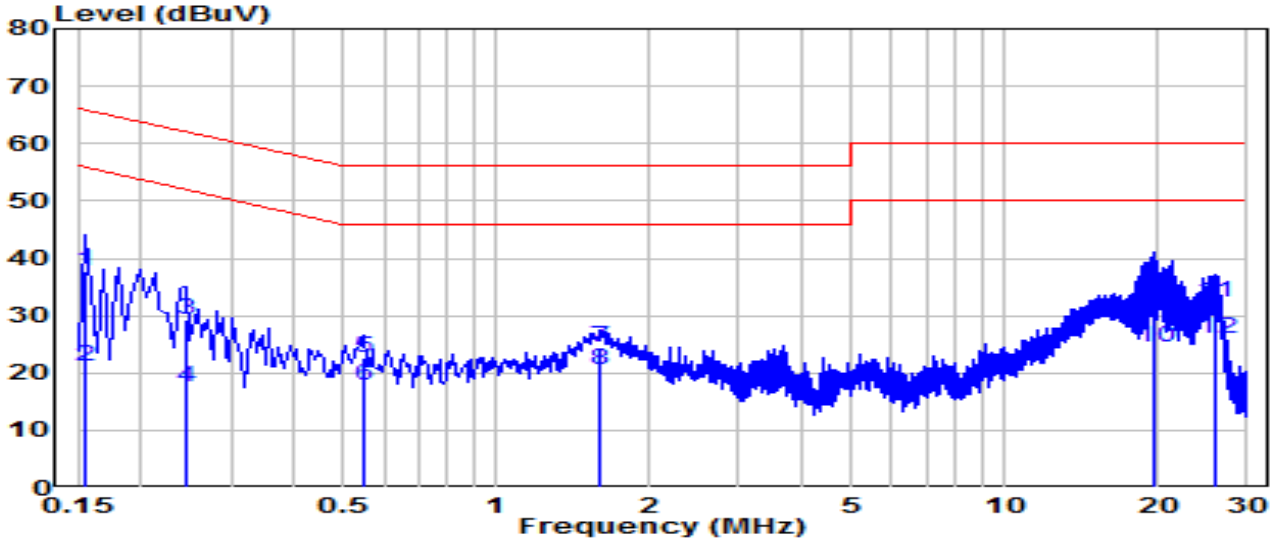



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.150 | 31.02 | 9.62 | 40.64 | -25.36 | 66.00 | QP |
| 2 | | 0.150 | 10.48 | 9.62 | 20.10 | -35.90 | 56.00 | Average |
| 3 | | 0.208 | 24.62 | 9.62 | 34.24 | -29.02 | 63.27 | QP |
| 4 | | 0.208 | 12.61 | 9.62 | 22.23 | -31.03 | 53.27 | Average |
| 5 | | 0.658 | 7.86 | 9.65 | 17.51 | -38.49 | 56.00 | QP |
| 6 | | 0.658 | 1.22 | 9.65 | 10.87 | -35.13 | 46.00 | Average |
| 7 | | 1.536 | 13.76 | 9.68 | 23.44 | -32.56 | 56.00 | QP |
| 8 | | 1.536 | 8.56 | 9.68 | 18.25 | -27.75 | 46.00 | Average |
| 9 | | 3.228 | 10.89 | 9.71 | 20.60 | -35.40 | 56.00 | QP |
| 10 | | 3.228 | 6.78 | 9.71 | 16.50 | -29.50 | 46.00 | Average |
| 11 | * | 16.870 | 24.10 | 9.96 | 34.06 | -25.94 | 60.00 | QP |
| 12 | * | 16.870 | 18.29 | 9.96 | 28.25 | -21.75 | 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 | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-12-02 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 22.4°C /60% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Amber |
| Test Mode | 802.11n-20MHz_TX_CH 6_Ant 0+1 | Test Voltage | AC 240V /60Hz |

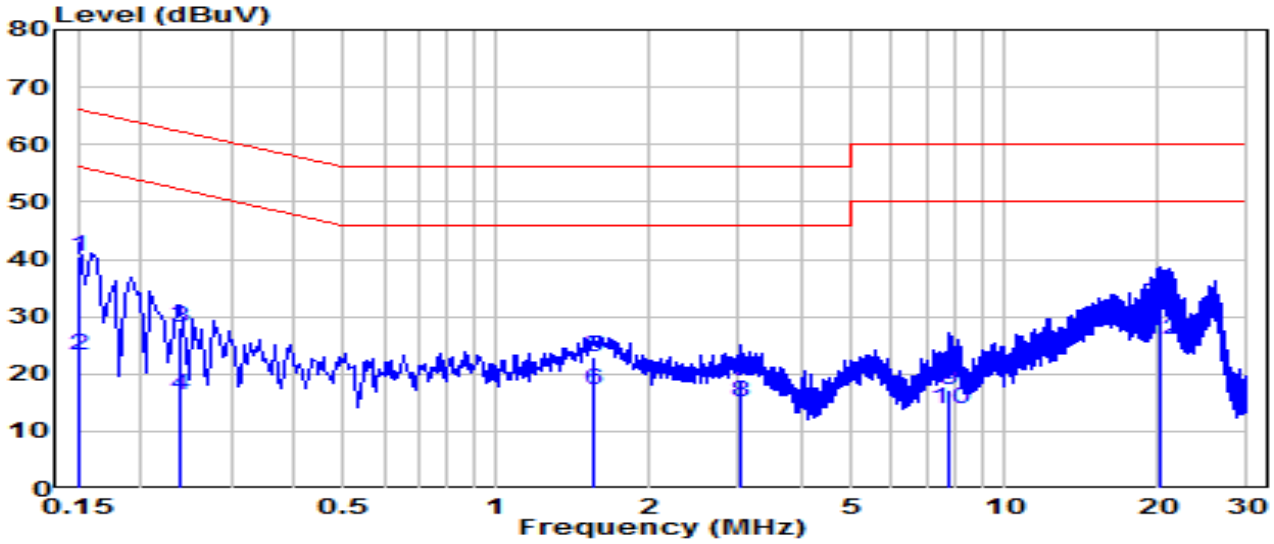



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.154 | 28.19 | 9.62 | 37.81 | -27.94 | 65.75 | QP |
| 2 | | 0.154 | 11.37 | 9.62 | 20.99 | -34.76 | 55.75 | Average |
| 3 | | 0.244 | 19.79 | 9.63 | 29.42 | -32.53 | 61.94 | QP |
| 4 | | 0.244 | 7.79 | 9.63 | 17.42 | -34.52 | 51.94 | Average |
| 5 | | 0.546 | 13.07 | 9.64 | 22.72 | -33.28 | 56.00 | QP |
| 6 | | 0.546 | 8.12 | 9.64 | 17.77 | -28.23 | 46.00 | Average |
| 7 | | 1.594 | 14.74 | 9.68 | 24.42 | -31.58 | 56.00 | QP |
| 8 | | 1.594 | 10.71 | 9.68 | 20.39 | -25.61 | 46.00 | Average |
| 9 | | 19.782 | 21.99 | 9.93 | 31.91 | -28.09 | 60.00 | QP |
| 10 | | 19.782 | 14.43 | 9.93 | 24.36 | -25.64 | 50.00 | Average |
| 11 | * | 25.874 | 22.46 | 9.91 | 32.38 | -27.62 | 60.00 | QP |
| 12 | * | 25.874 | 16.04 | 9.91 | 25.95 | -24.05 | 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 | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test | 2022-12-02 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 22.4°C /60% |
| 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 | | 0.150 | 30.92 | 9.62 | 40.54 | -25.46 | 66.00 | QP |
| 2 | | 0.150 | 13.52 | 9.62 | 23.14 | -32.86 | 56.00 | Average |
| 3 | | 0.240 | 18.54 | 9.63 | 28.17 | -33.93 | 62.10 | QP |
| 4 | | 0.240 | 6.68 | 9.63 | 16.30 | -35.80 | 52.10 | Average |
| 5 | | 1.554 | 13.13 | 9.68 | 22.81 | -33.19 | 56.00 | QP |
| 6 | | 1.554 | 7.58 | 9.68 | 17.26 | -28.74 | 46.00 | Average |
| 7 | | 3.025 | 9.10 | 9.71 | 18.81 | -37.19 | 56.00 | QP |
| 8 | | 3.025 | 5.51 | 9.71 | 15.22 | -30.78 | 46.00 | Average |
| 9 | | 7.777 | 7.54 | 9.82 | 17.36 | -42.64 | 60.00 | QP |
| 10 | | 7.777 | 4.15 | 9.82 | 13.96 | -36.04 | 50.00 | Average |
| 11 | * | 20.218 | 22.61 | 10.00 | 32.61 | -27.39 | 60.00 | QP |
| 12 | * | 20.218 | 16.01 | 10.00 | 26.01 | -23.99 | 50.00 | Average |

Note:

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

# 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 “2211TW0108-Setup Photo” file.

# Appendix B : External Photograph

Refer to “2211TW0108-External Photo” file.

# Appendix C : Internal Photograph

Refer to “2211TW0108-Internal Photo” file.