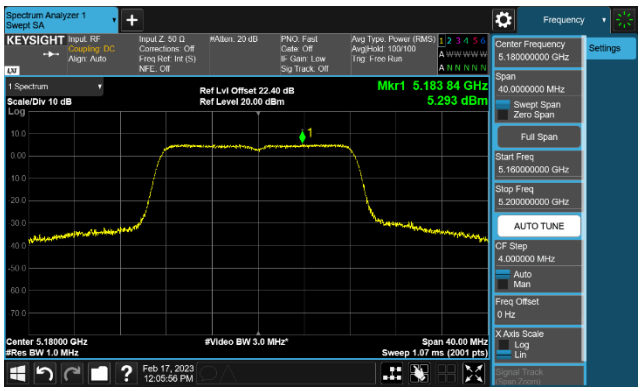
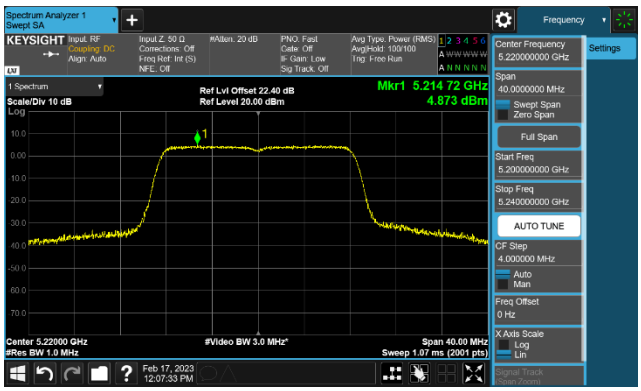
## Ant 2

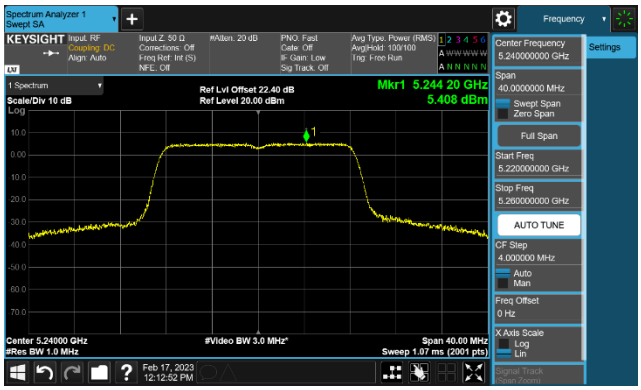
### 802.11 a CH36 (5180MHz)



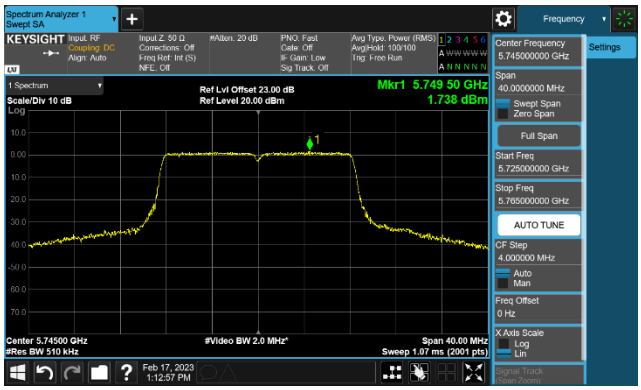

### 802.11 a CH44 (5220MHz)



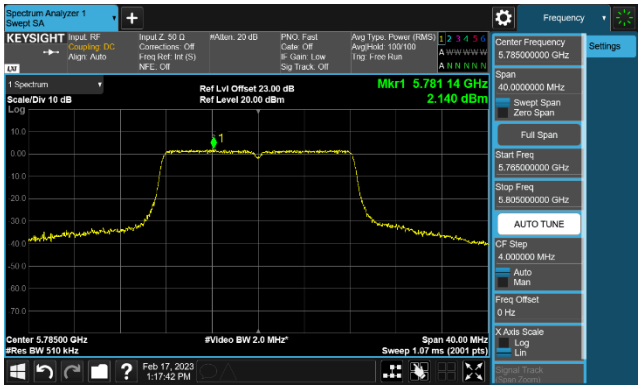

### 802.11 a CH48 (5240MHz)



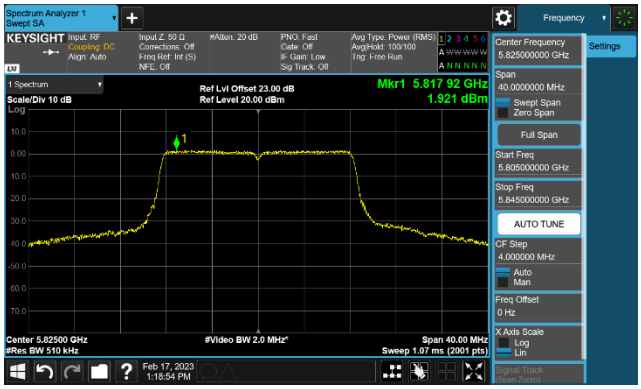

### 802.11 a CH149 (5745MHz)



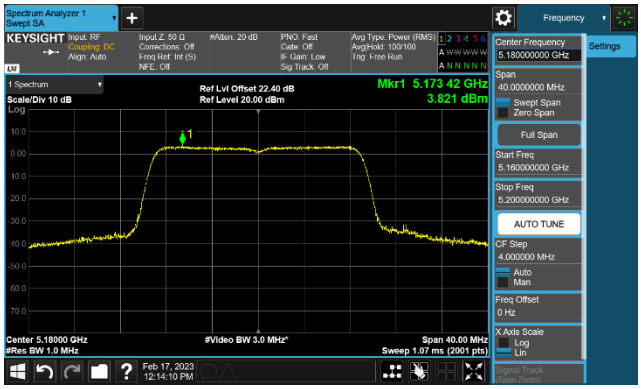

### 802.11 a CH157 (5785MHz)



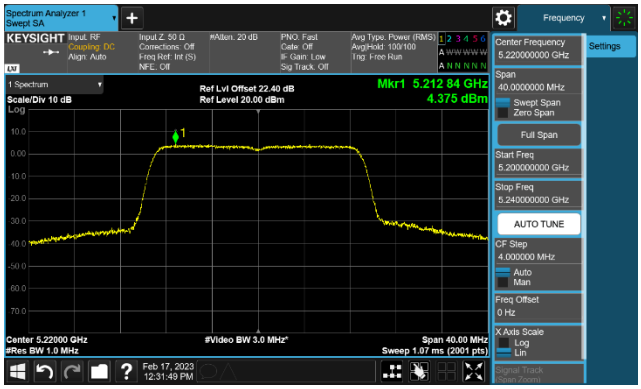

### 802.11 a CH165 (5825MHz)



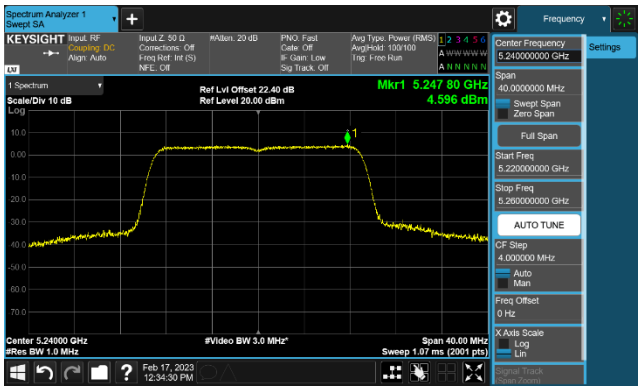
## 802.11 n-HT20 CH36 (5180MHz)



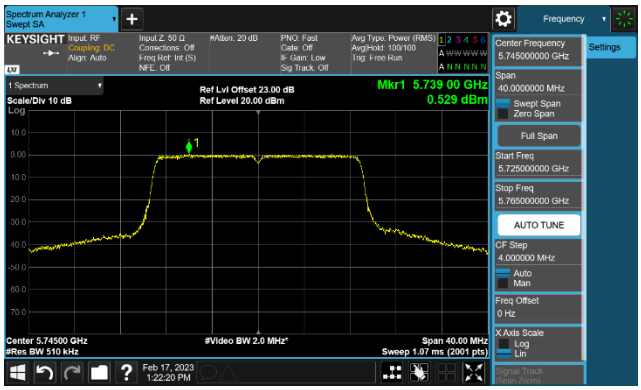

## 802.11 n-HT20 CH44 (5220MHz)



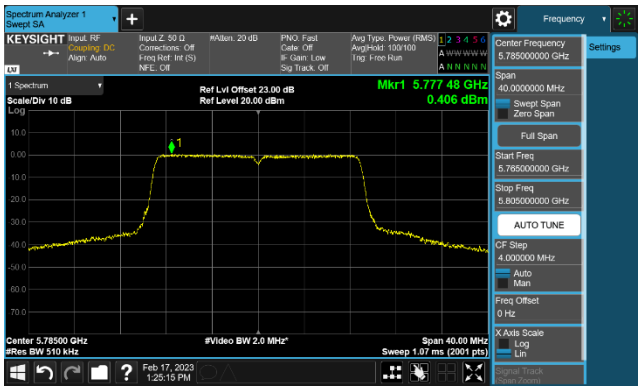

## 802.11 n-HT20 CH48 (5240MHz)



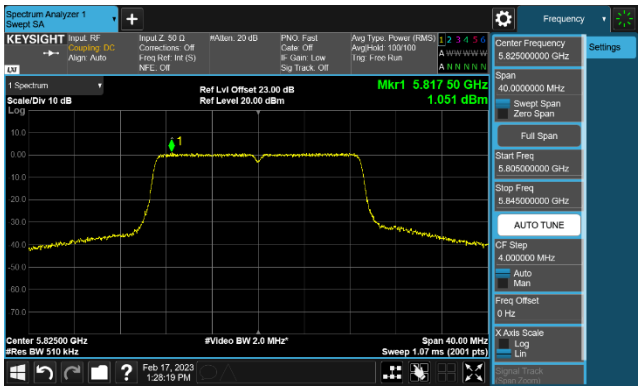

## 802.11 n-HT20 CH149 (5745MHz)

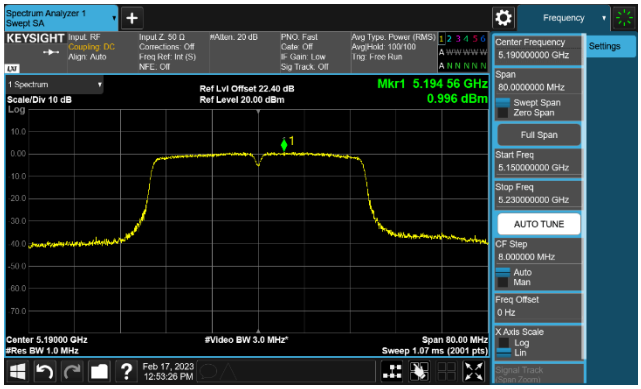
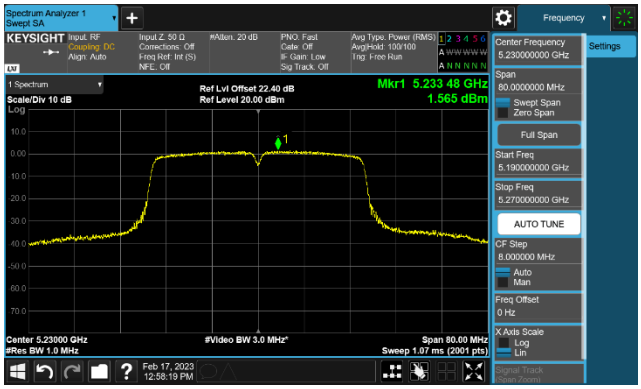
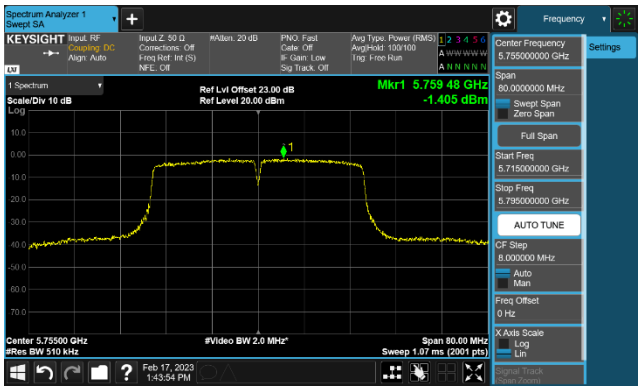
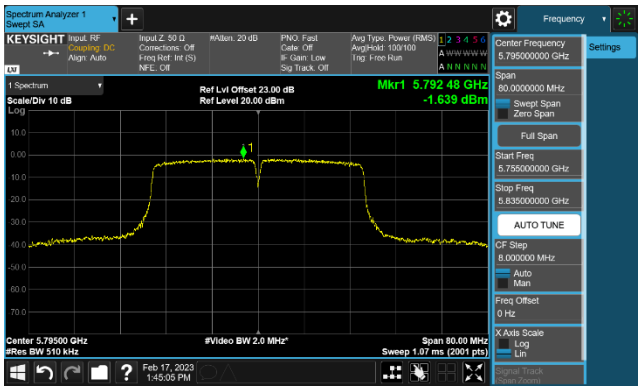
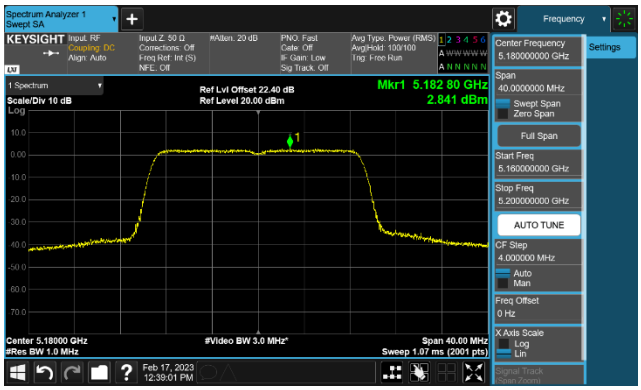
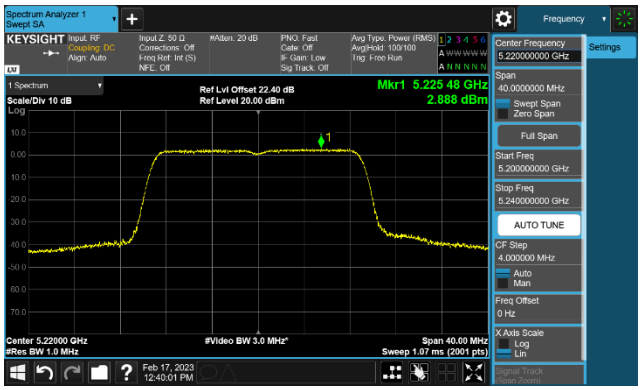



## 802.11 n-HT20 CH157 (5785MHz)

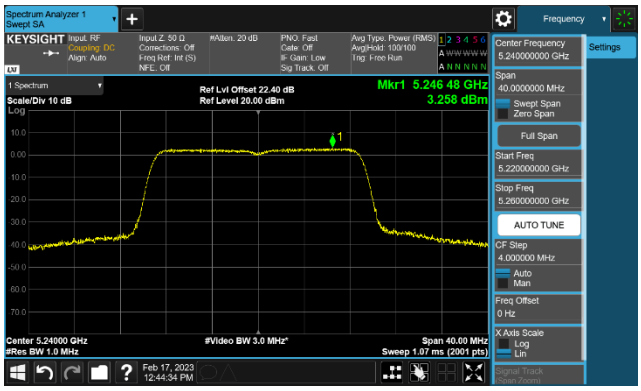



## 802.11 n-HT20 CH165 (5825MHz)

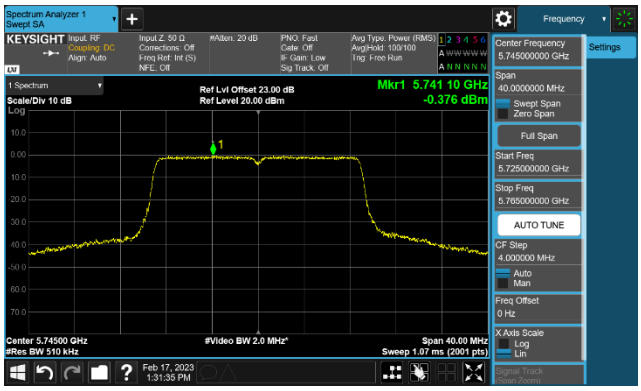


| 802.11 n-HT40 CH38 (5190MHz) | 802.11 n-HT40 CH46 (5230MHz) |
|---|---|
|  |  |
| **802.11 n-HT40 CH151 (5755MHz)** | **802.11 n-HT40 CH159 (5795MHz)** |
|  |  |
| **802.11 ac-HT20 CH36 (5180MHz)** | **802.11 ac-HT20 CH44 (5220MHz)** |
|  |  |

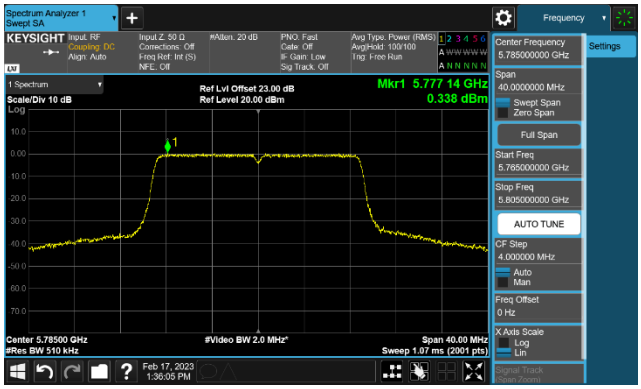
## 802.11 ac-HT20 CH48 (5240MHz)



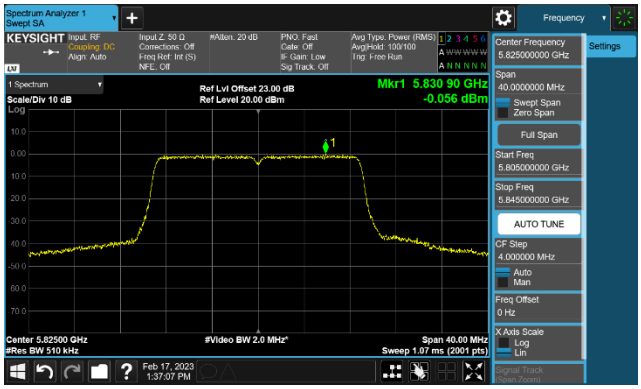

## 802.11 ac-HT20 CH149 (5745MHz)



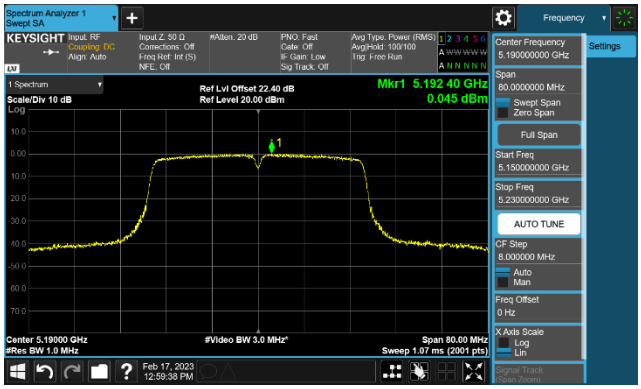

## 802.11 ac-HT20 CH157 (5785MHz)



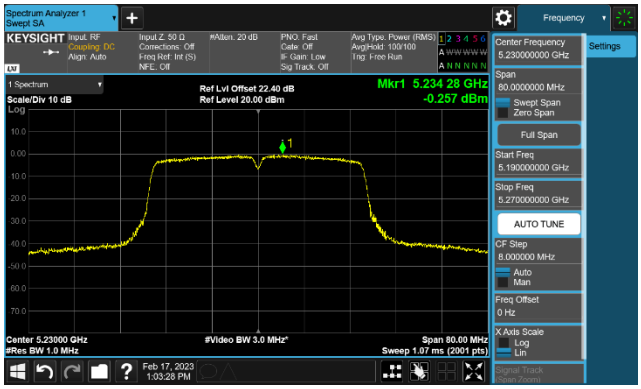

## 802.11 ac-HT20 CH165 (5825MHz)

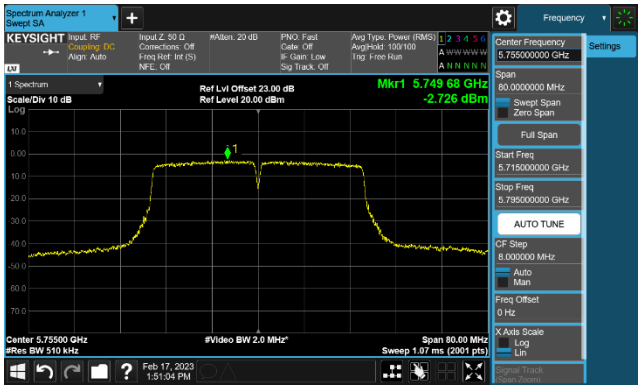
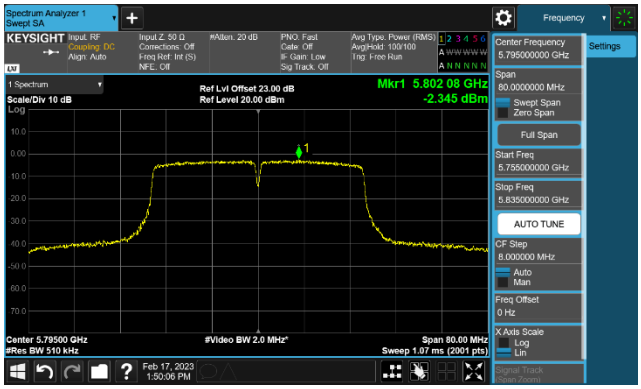
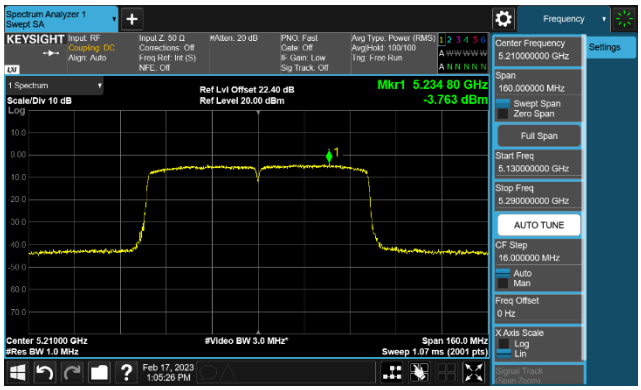
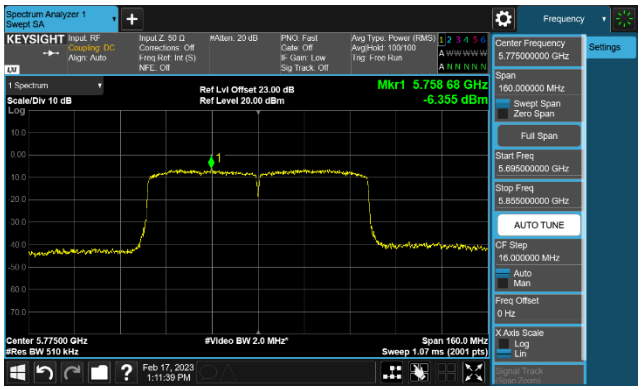



## 802.11 n-HT40 CH38 (5190MHz)




## 802.11 n-HT40 CH46 (5230MHz)



| 802.11 n-HT40 CH151 (5755MHz) | 802.11 n-HT40 CH159 (5795MHz) |
|---|---|
|  |  |
| **802.11 ac-VHT80 CH42 (5210MHz)** | **802.11 ac-VHT80 CH155 (5775MHz)** |
|  |  |

## 7.6. Frequency Stability Measurement

### 7.6.1. Test Limit

Manufactures of devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

### 7.6.2. Test Limit

**Frequency Stability Under Temperature Variations:**

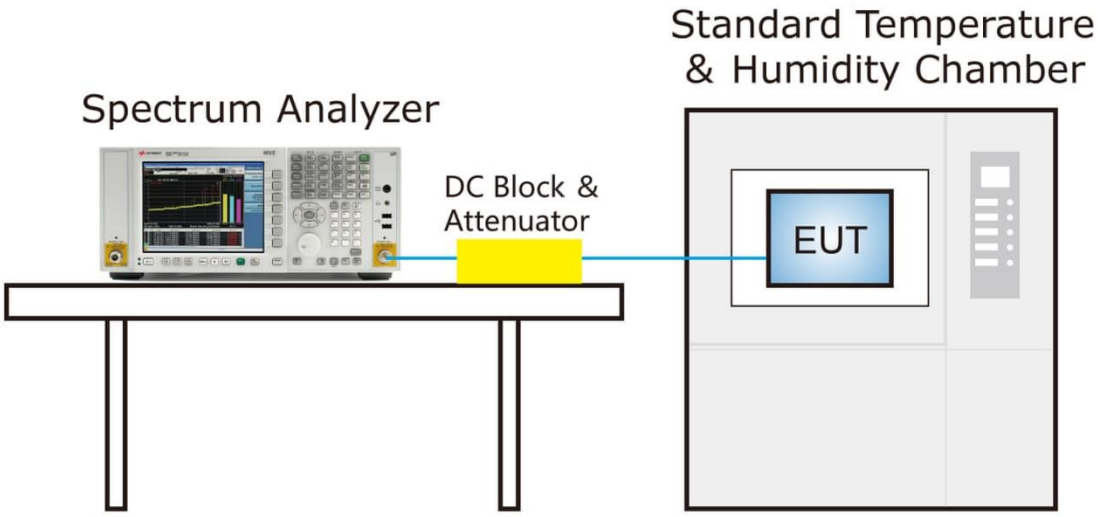
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

**Frequency Stability Under Voltage Variations:**

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

### 7.6.3. Test Setup



### 7.6.4. Test Result

| | | | |
|---|---|---|---|
| Product | WLAN / BT Module | Test Engineer | Owen |
| Test Site | SR3 | Test Time | 2023/3/16 |
| Test Mode | 5180MHz (Carrier Mode) | | |

| Voltage (%) | Power (AC) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|---|
| 100% | 120V/60Hz | - 30 | -4.79 |
| | | - 20 | -4.86 |
| | | - 10 | -4.88 |
| | | 0 | -4.92 |
| | | + 10 | -4.94 |
| | | + 20 | -4.94 |
| | | + 30 | -4.96 |
| | | + 40 | -4.98 |
| | | + 50 | -4.98 |
| 115% | 138V/60Hz | + 20 | -5.00 |
| 85% | 102V/60Hz | + 20 | -5.00 |

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

## 7.7. Radiated Spurious Emission Measurement

### 7.7.1. Test Limit

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

| FCC Part 15 Subpart C Paragraph 15.209 | | |
|---|---|---|
| Frequency [MHz] | Field Strength [V/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

KDB 789033 D02v02r01 – Section II) G

### 7.7.3. 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 |
| >1000 MHz | 1 MHz |

**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

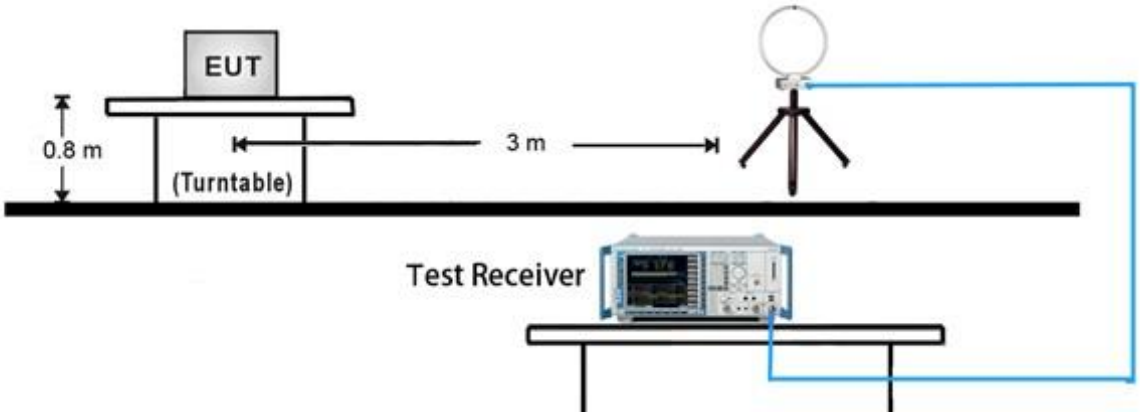
5. Sweep time = auto

6. Trace mode = max hold

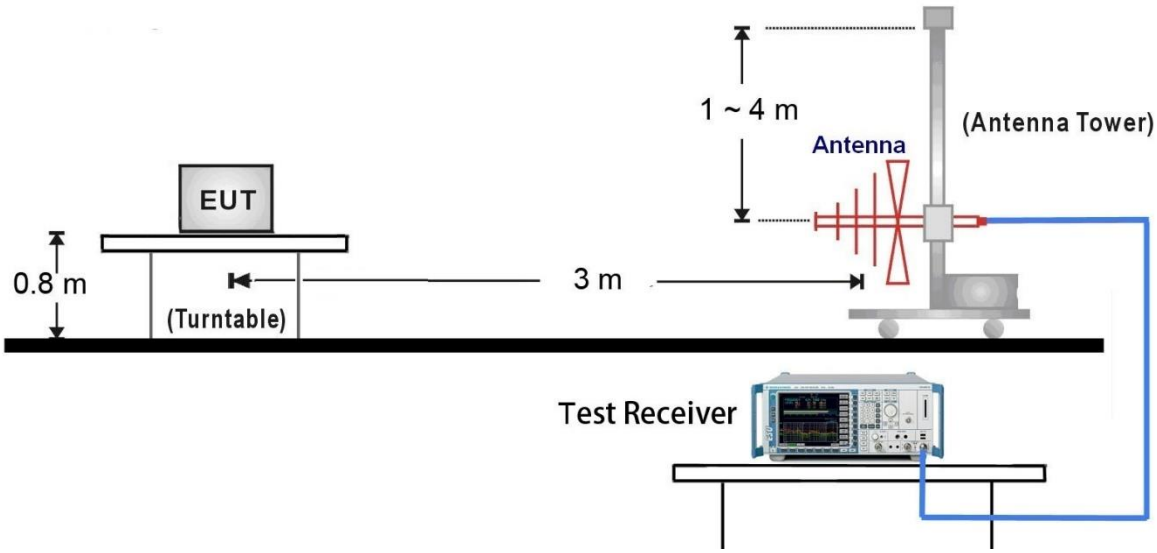
7. Trace was allowed to stabilize

### 7.7.4.Test Setup

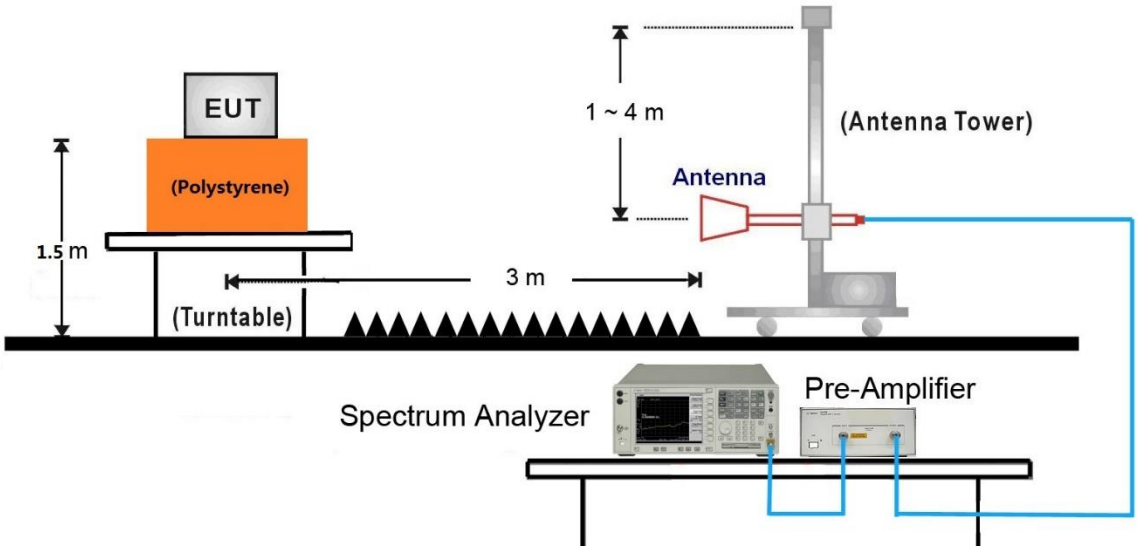
9kHz ~ 30MHz Test Setup:



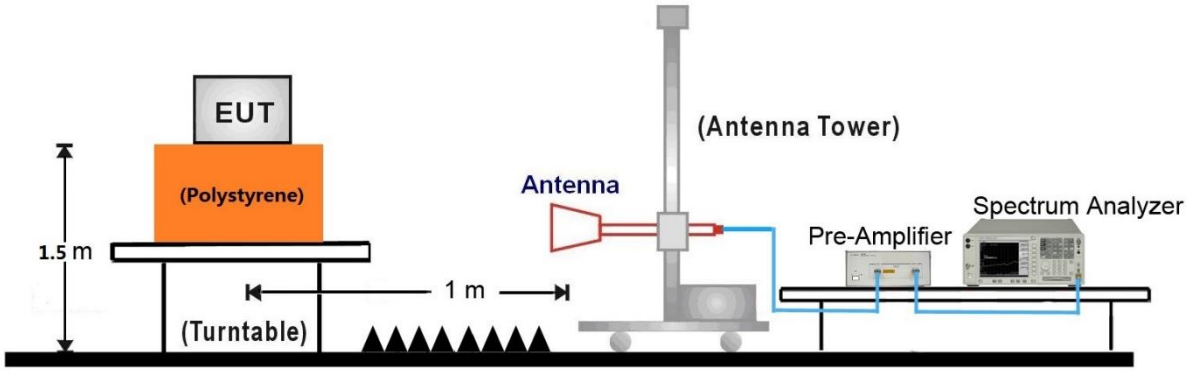

30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:

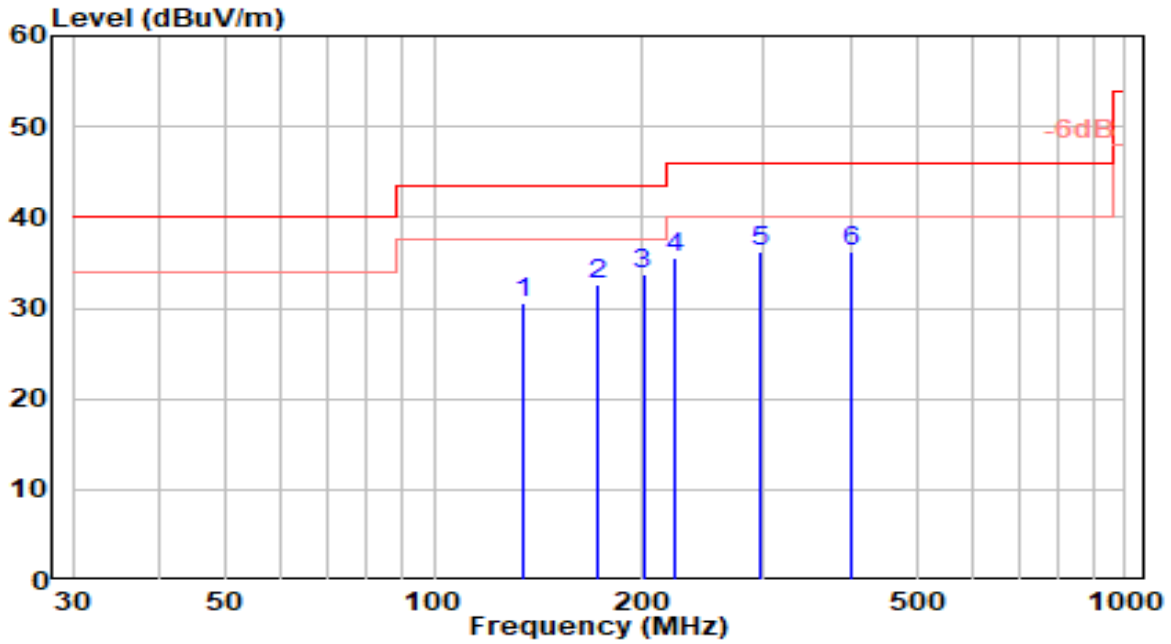



18GHz ~40GHz Test Setup:



### 7.7.5.Test Result

| EUT | WLAN / BT Module | Date of Test | 2023-02-02 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

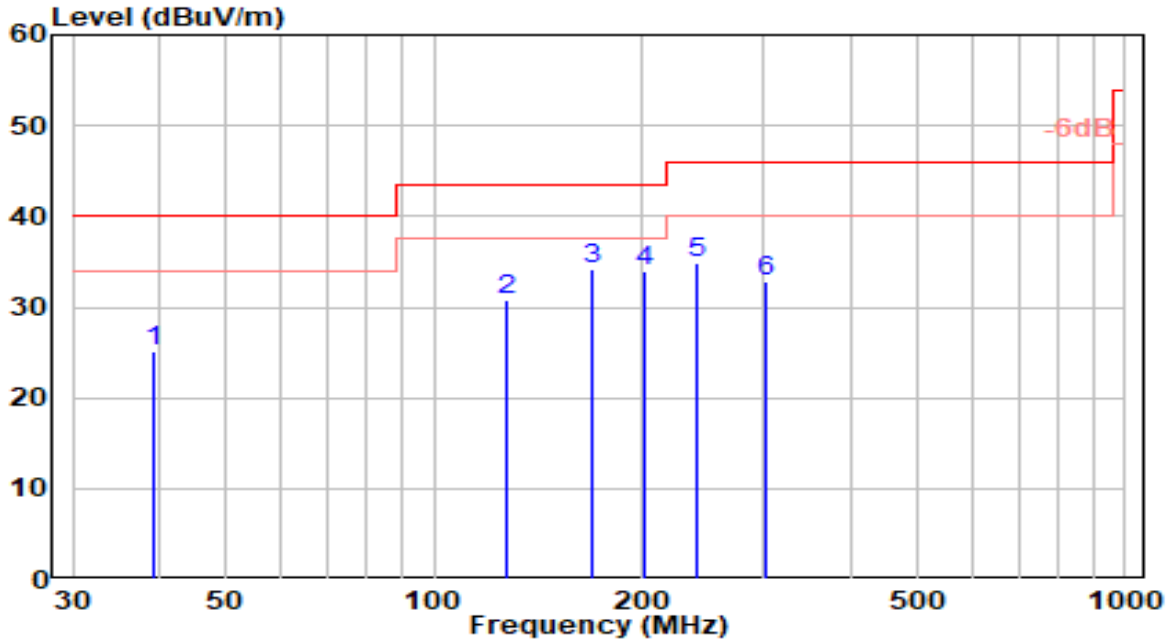



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 134.800 | 15.47 | 15.06 | 30.54 | -12.96 | 43.50 | 200 | 148 | QP |
| 2 | | 172.110 | 16.72 | 15.85 | 32.57 | -10.93 | 43.50 | 100 | 70 | QP |
| 3 | | 200.670 | 15.72 | 17.97 | 33.69 | -9.81 | 43.50 | 150 | 242 | QP |
| 4 | | 222.970 | 17.15 | 18.50 | 35.65 | -10.35 | 46.00 | 100 | 10 | QP |
| 5 | | 296.000 | 15.72 | 20.43 | 36.15 | -9.85 | 46.00 | 100 | 28 | QP |
| 6 | * | 402.900 | 13.22 | 23.11 | 36.32 | -9.68 | 46.00 | 200 | 178 | QP |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-02 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Xuan |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

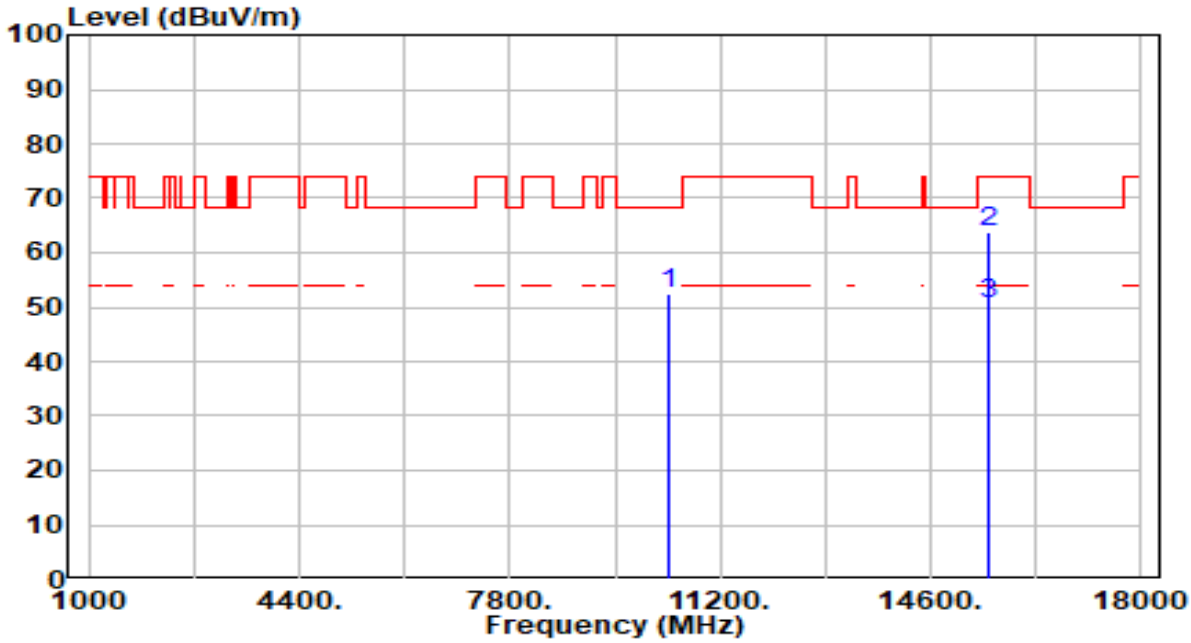



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 39.310 | 6.14 | 19.05 | 25.19 | -14.81 | 40.00 | 150 | 70 | QP |
| 2 | | 127.560 | 14.95 | 15.75 | 30.70 | -12.80 | 43.50 | 150 | 96 | QP |
| 3 | * | 169.300 | 18.52 | 15.72 | 34.24 | -9.26 | 43.50 | 200 | 102 | QP |
| 4 | | 201.620 | 15.92 | 17.94 | 33.86 | -9.64 | 43.50 | 100 | 101 | QP |
| 5 | | 240.780 | 15.43 | 19.49 | 34.91 | -11.09 | 46.00 | 150 | 297 | QP |
| 6 | | 302.730 | 12.25 | 20.58 | 32.83 | -13.17 | 46.00 | 200 | 83 | QP |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

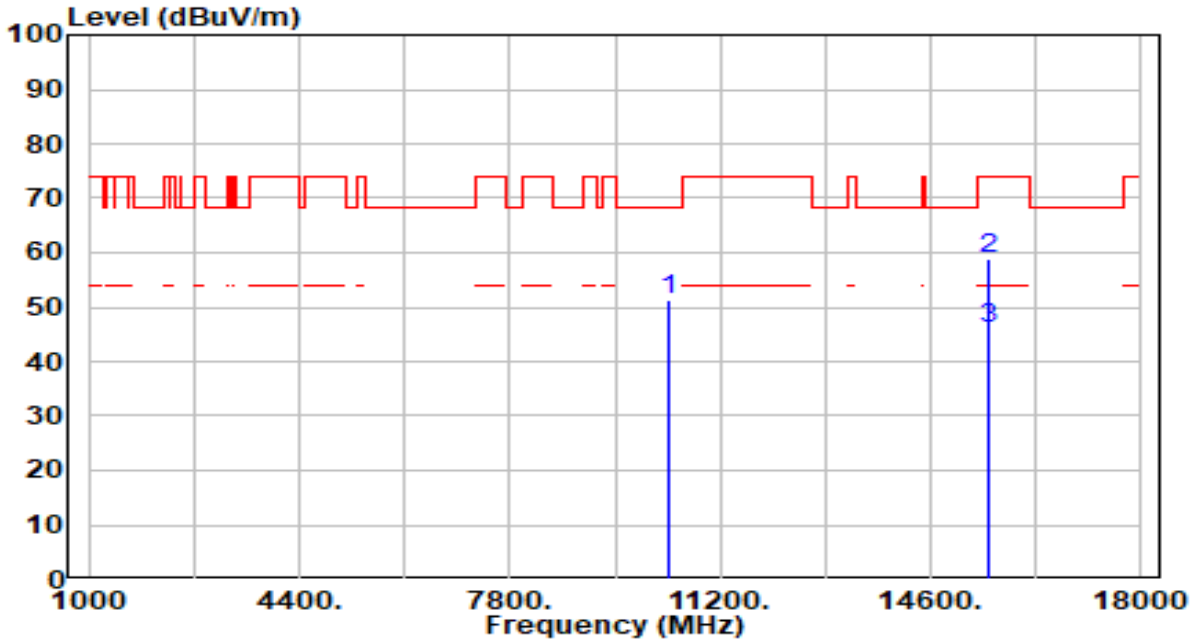



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10360.000 | 49.32 | 3.19 | 52.51 | -15.69 | 68.20 | 300 | 0 | Peak |
| 2 | * | 15540.000 | 58.95 | 4.74 | 63.69 | -10.31 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15540.000 | 45.85 | 4.74 | 50.59 | -3.41 | 54.00 | 200 | 191 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

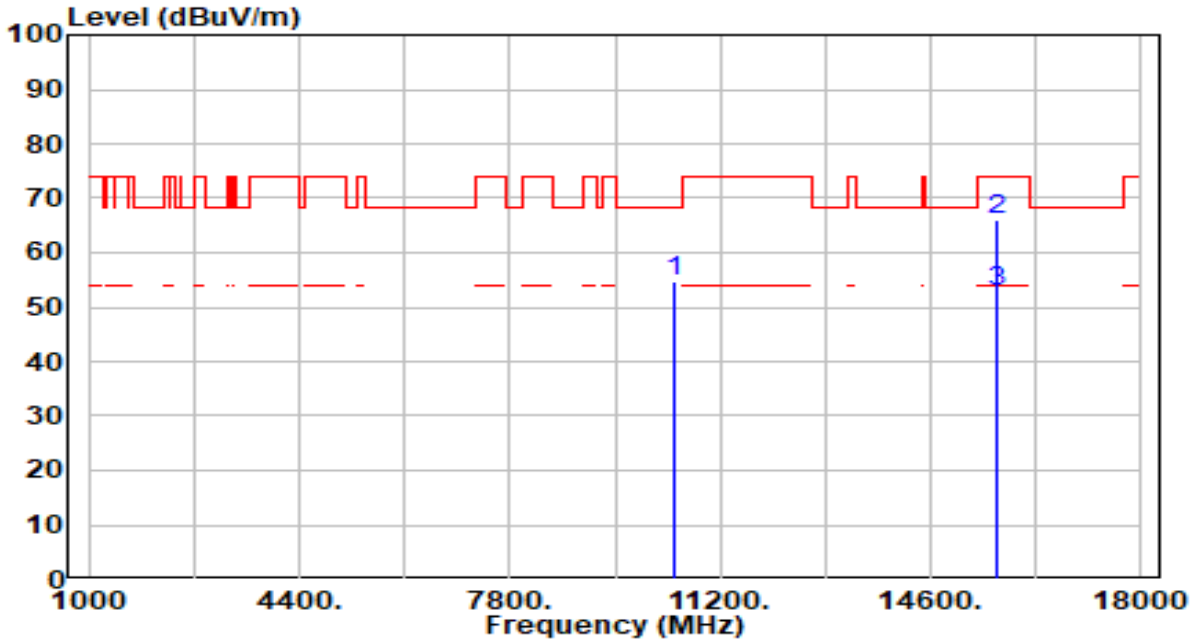



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10360.000 | 48.28 | 3.19 | 51.47 | -16.73 | 68.20 | 200 | 282 | Peak |
| 2 | * | 15540.000 | 54.17 | 4.74 | 58.91 | -15.09 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15540.000 | 41.48 | 4.74 | 46.22 | -7.78 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

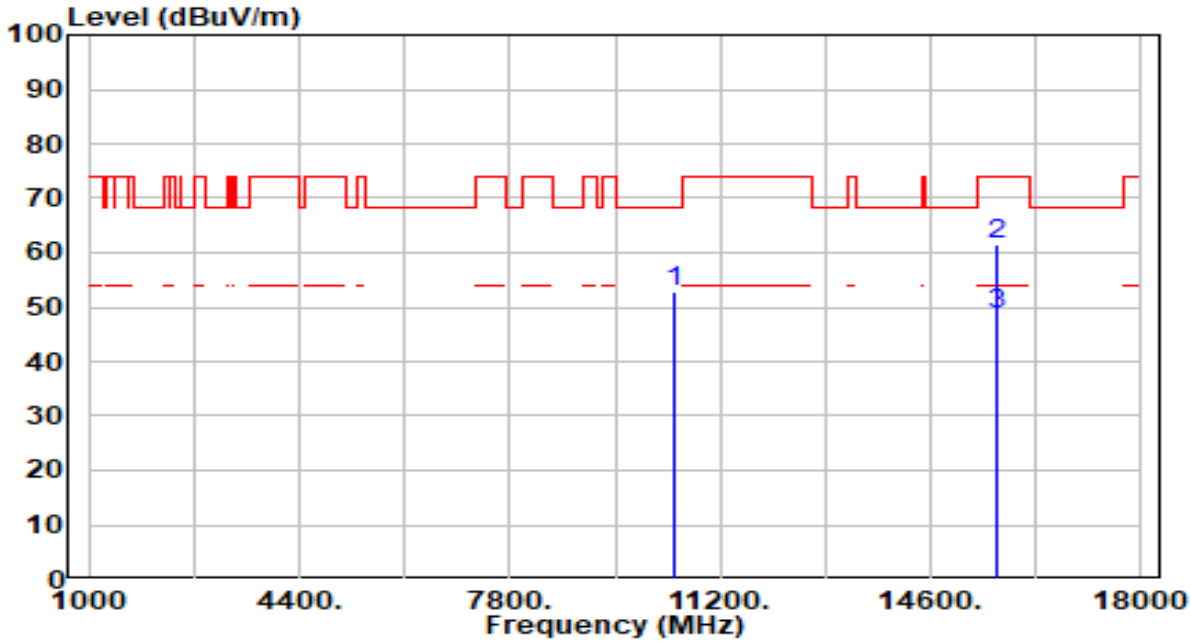



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 51.40 | 3.15 | 54.54 | -13.66 | 68.20 | 200 | 360 | Peak |
| 2 | * | 15660.000 | 61.01 | 4.89 | 65.90 | -8.10 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15660.000 | 48.06 | 4.89 | 52.95 | -1.05 | 54.00 | 200 | 191 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

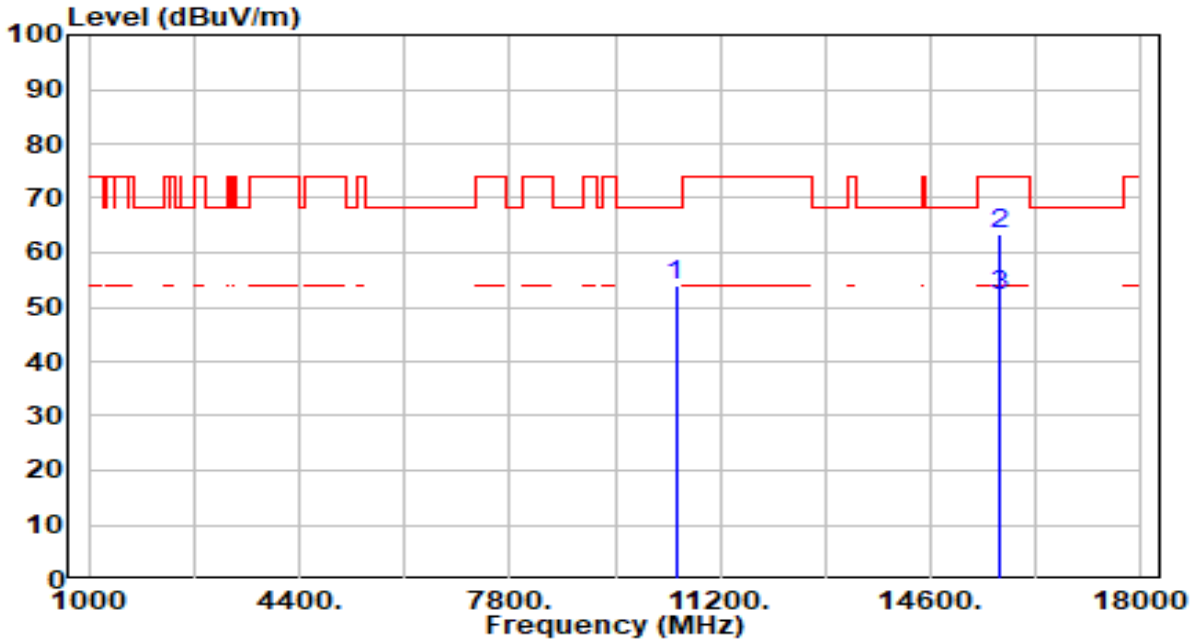



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 49.54 | 3.15 | 52.69 | -15.51 | 68.20 | 100 | 223 | Peak |
| 2 | * | 15660.000 | 56.46 | 4.89 | 61.35 | -12.65 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15660.000 | 43.77 | 4.89 | 48.66 | -5.34 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

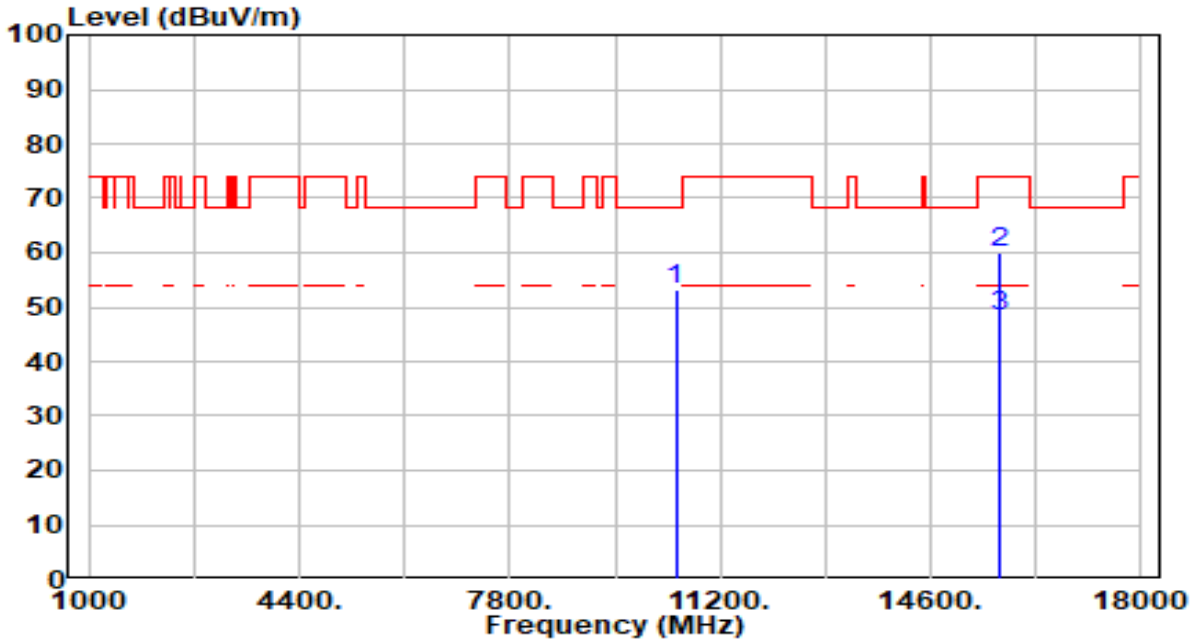



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 50.82 | 3.11 | 53.94 | -14.26 | 68.20 | 200 | 354 | Peak |
| 2 | * | 15720.000 | 58.51 | 5.02 | 63.53 | -10.47 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15720.000 | 46.92 | 5.02 | 51.94 | -2.06 | 54.00 | 200 | 191 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

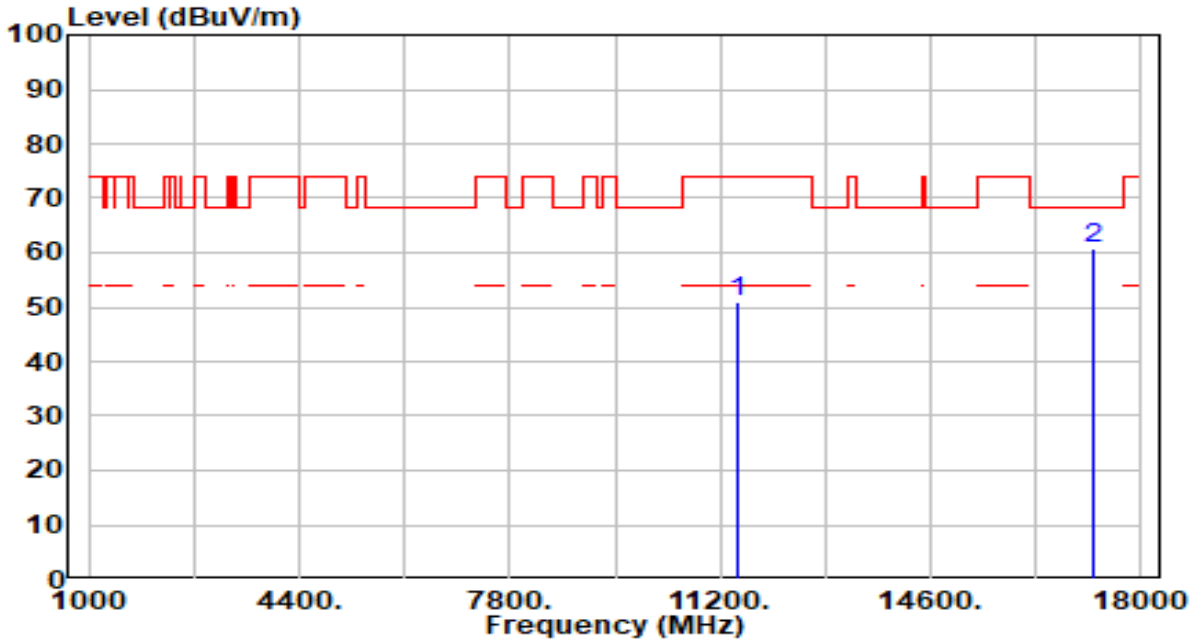



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 50.20 | 3.11 | 53.32 | -14.88 | 68.20 | 100 | 286 | Peak |
| 2 | * | 15720.000 | 55.04 | 5.02 | 60.06 | -13.94 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15720.000 | 43.14 | 5.02 | 48.16 | -5.84 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

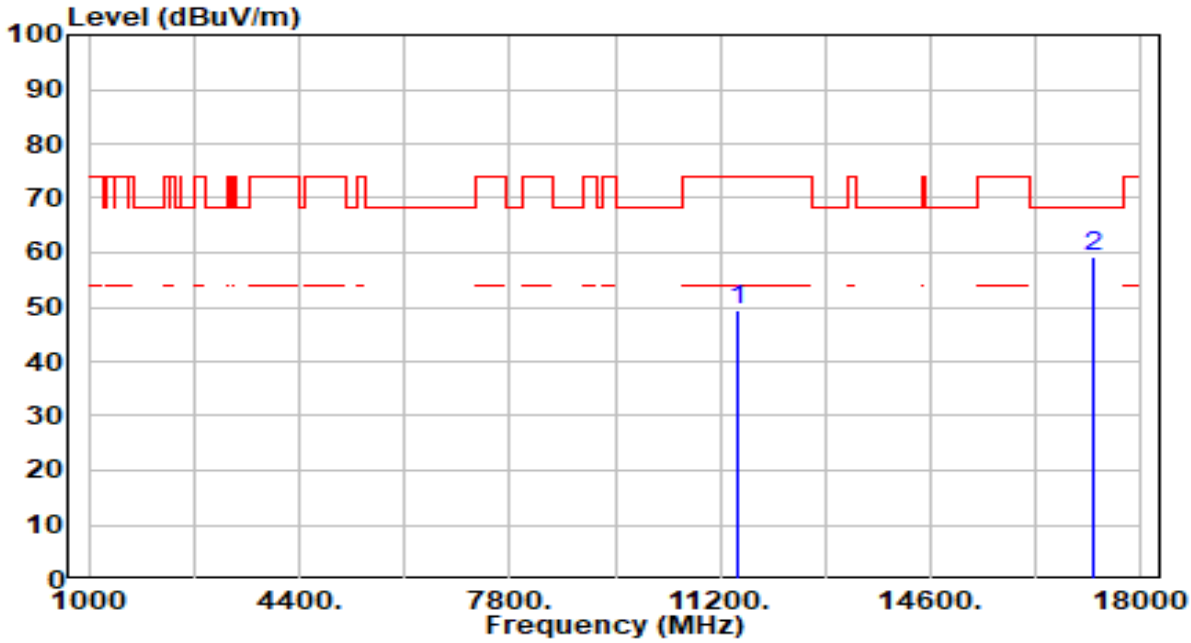



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 46.98 | 3.92 | 50.90 | -23.10 | 74.00 | 200 | 137 | Peak |
| 2 | * | 17235.000 | 56.59 | 4.06 | 60.65 | -7.55 | 68.20 | 200 | 140 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

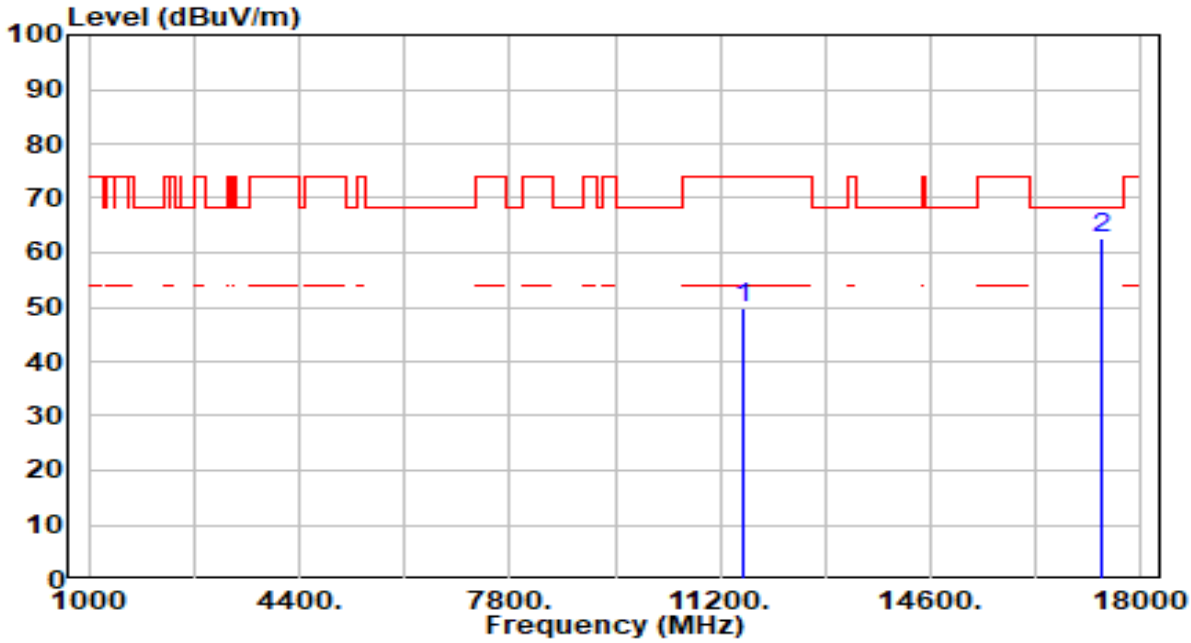



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 45.57 | 3.92 | 49.50 | -24.50 | 74.00 | 100 | 43 | Peak |
| 2 | * | 17235.000 | 55.07 | 4.06 | 59.14 | -9.06 | 68.20 | 100 | 146 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

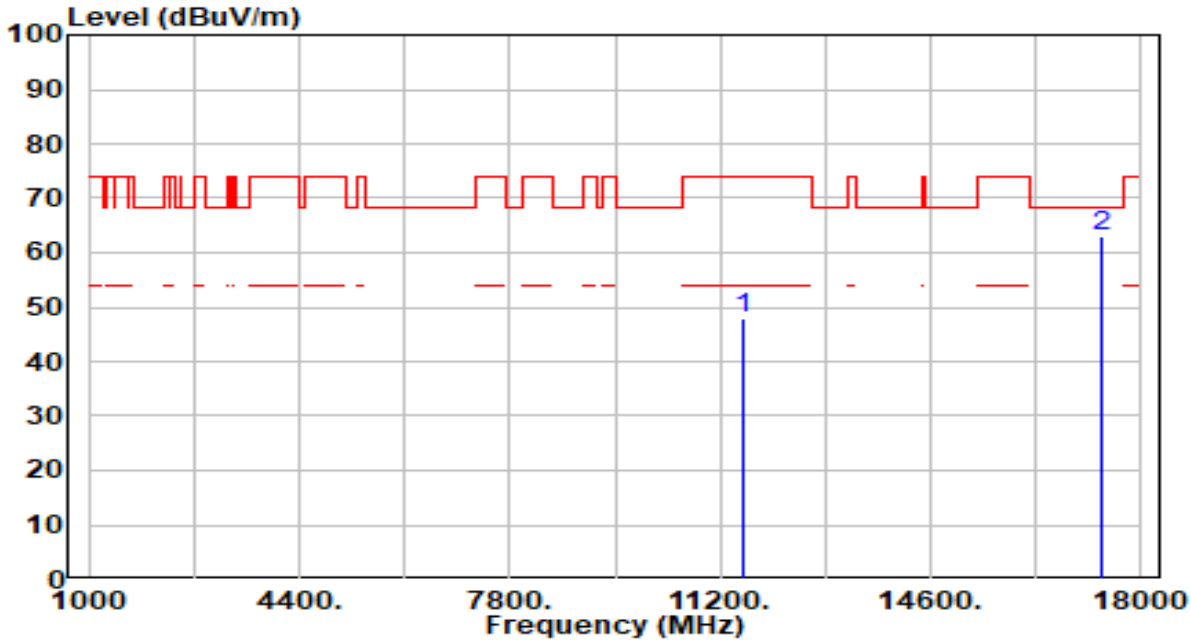



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 45.88 | 3.94 | 49.82 | -24.18 | 74.00 | 200 | 360 | Peak |
| 2 | * | 17355.000 | 58.87 | 3.78 | 62.65 | -5.55 | 68.20 | 200 | 147 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

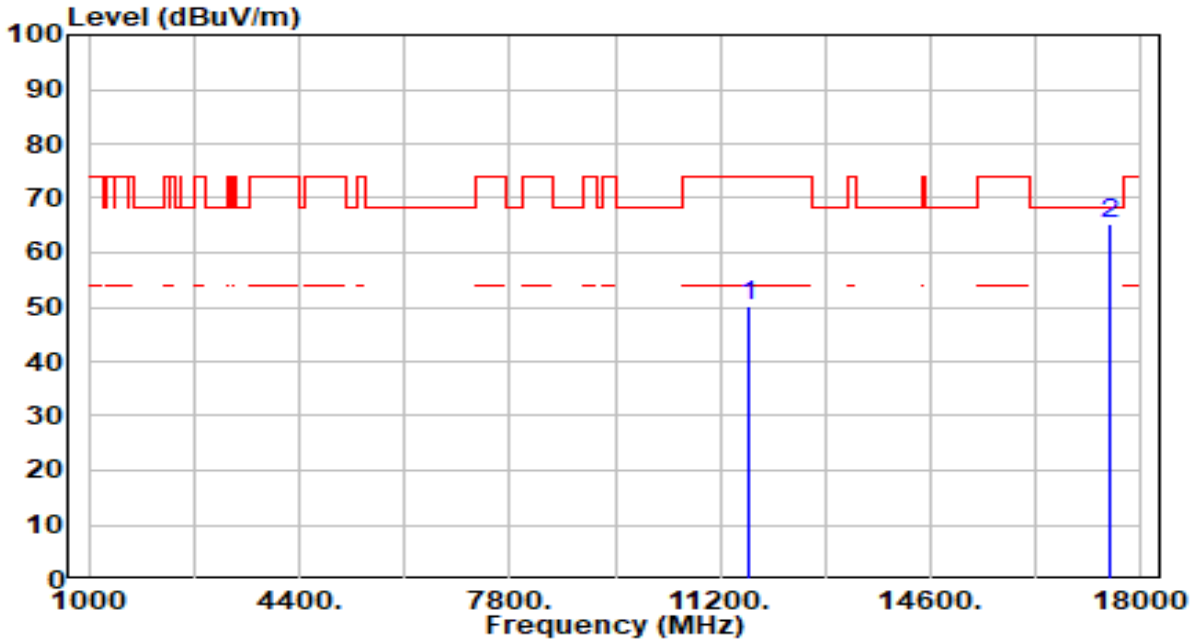



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 43.96 | 3.94 | 47.90 | -26.10 | 74.00 | 100 | 125 | Peak |
| 2 | * | 17355.000 | 59.38 | 3.78 | 63.16 | -5.04 | 68.20 | 100 | 280 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

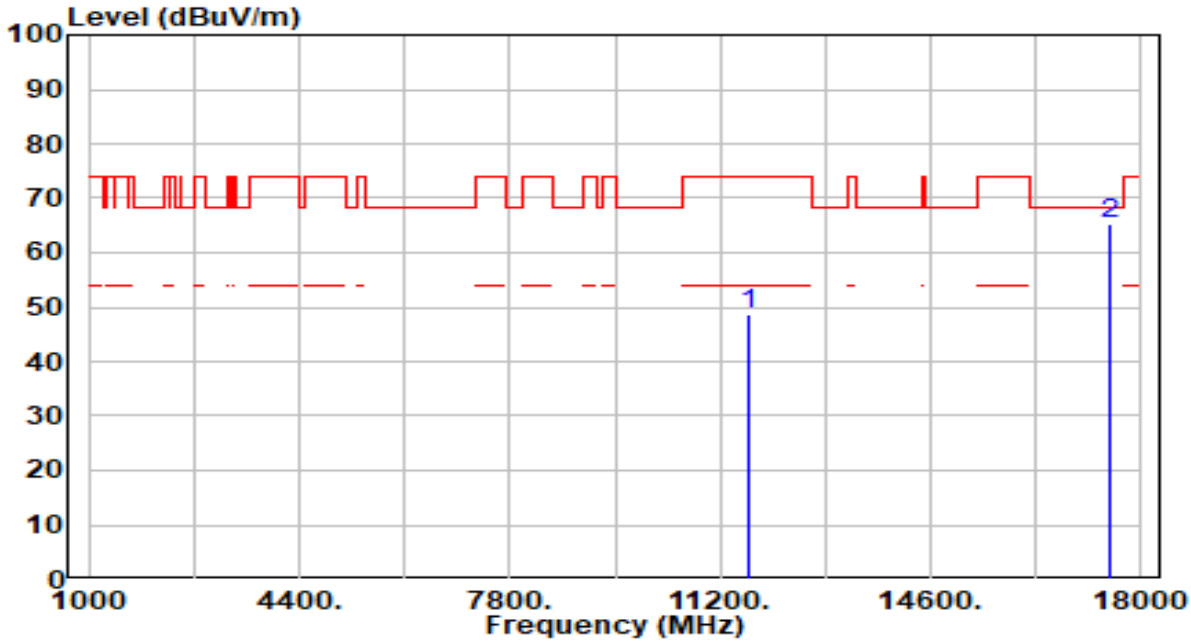



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 46.34 | 3.94 | 50.28 | -23.72 | 74.00 | 200 | 5 | Peak |
| 2 | * | 17475.000 | 61.51 | 3.65 | 65.17 | -3.03 | 68.20 | 200 | 170 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

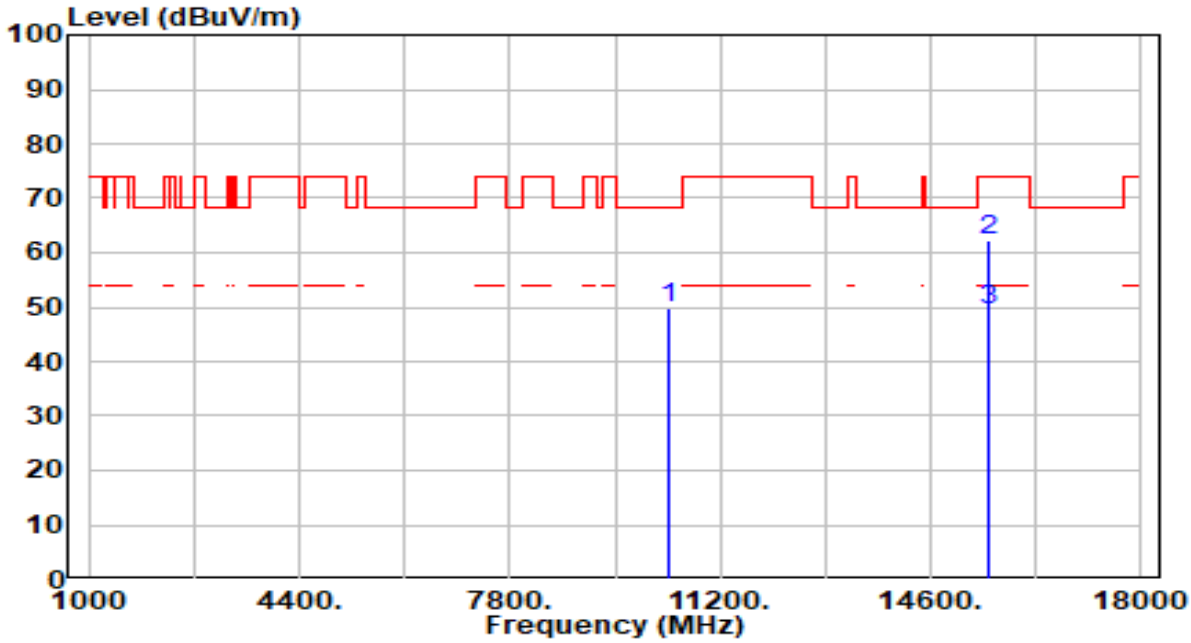



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 44.85 | 3.94 | 48.79 | -25.21 | 74.00 | 100 | 40 | Peak |
| 2 | * | 17475.000 | 61.69 | 3.65 | 65.35 | -2.85 | 68.20 | 100 | 280 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

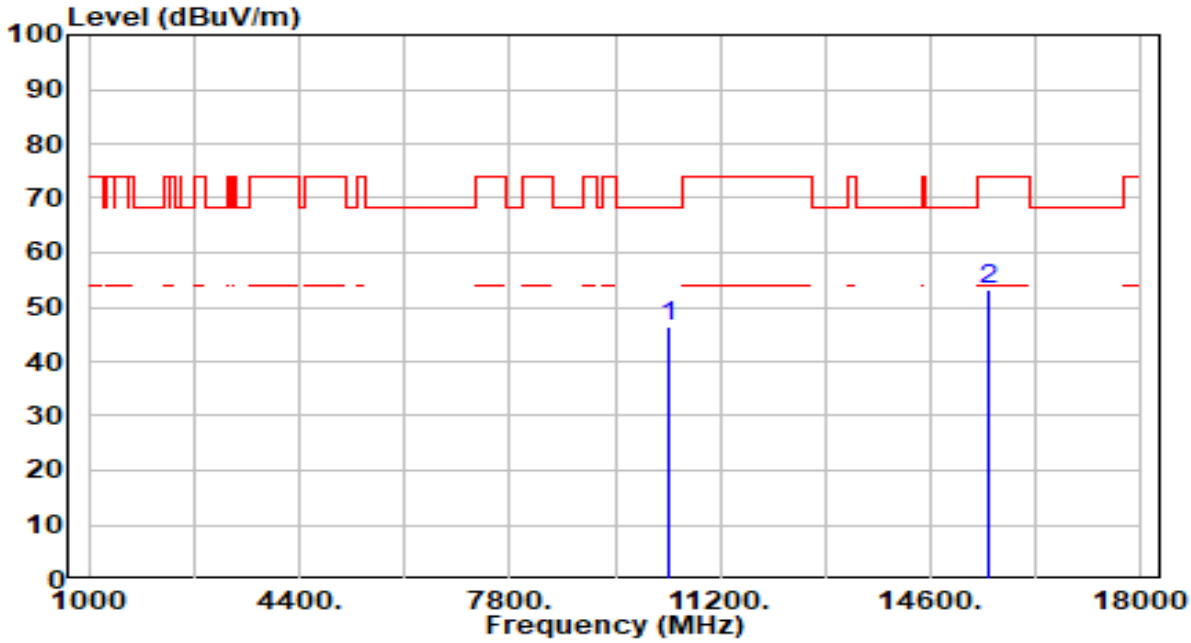



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10360.000 | 46.79 | 3.19 | 49.98 | -18.22 | 68.20 | 200 | 0 | Peak |
| 2 | * | 15540.000 | 57.61 | 4.74 | 62.35 | -11.65 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15540.000 | 44.81 | 4.74 | 49.55 | -4.45 | 54.00 | 200 | 191 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

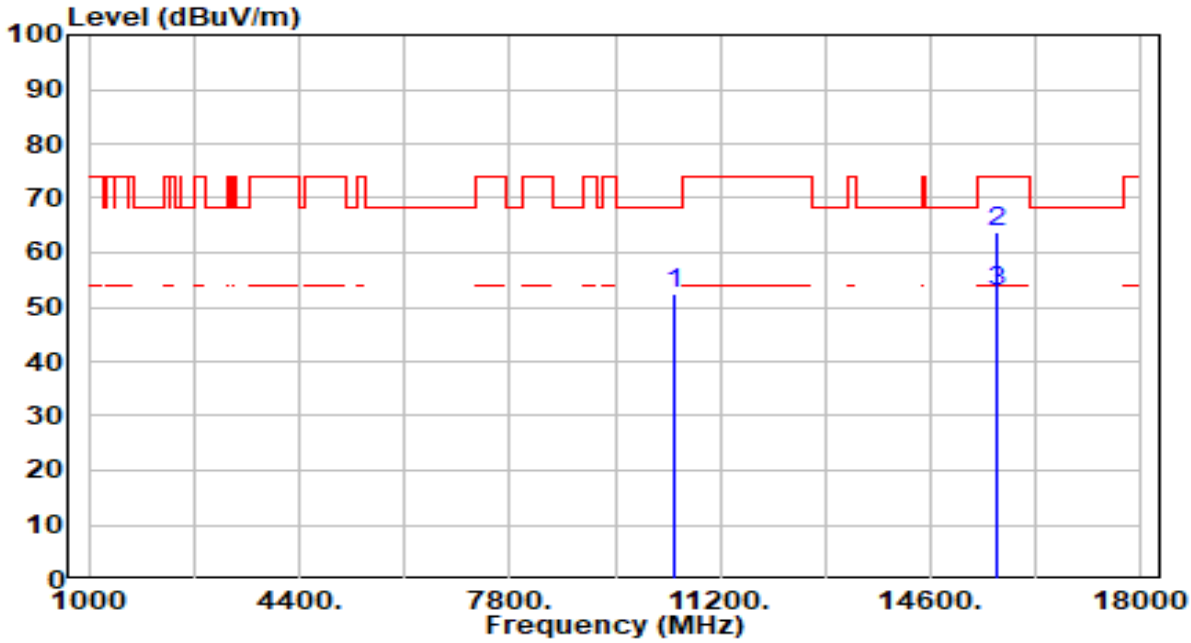



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10360.000 | 43.41 | 3.19 | 46.60 | -21.60 | 68.20 | 100 | 40 | Peak |
| 2 | * | 15540.000 | 48.49 | 4.74 | 53.24 | -20.76 | 74.00 | 100 | 170 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

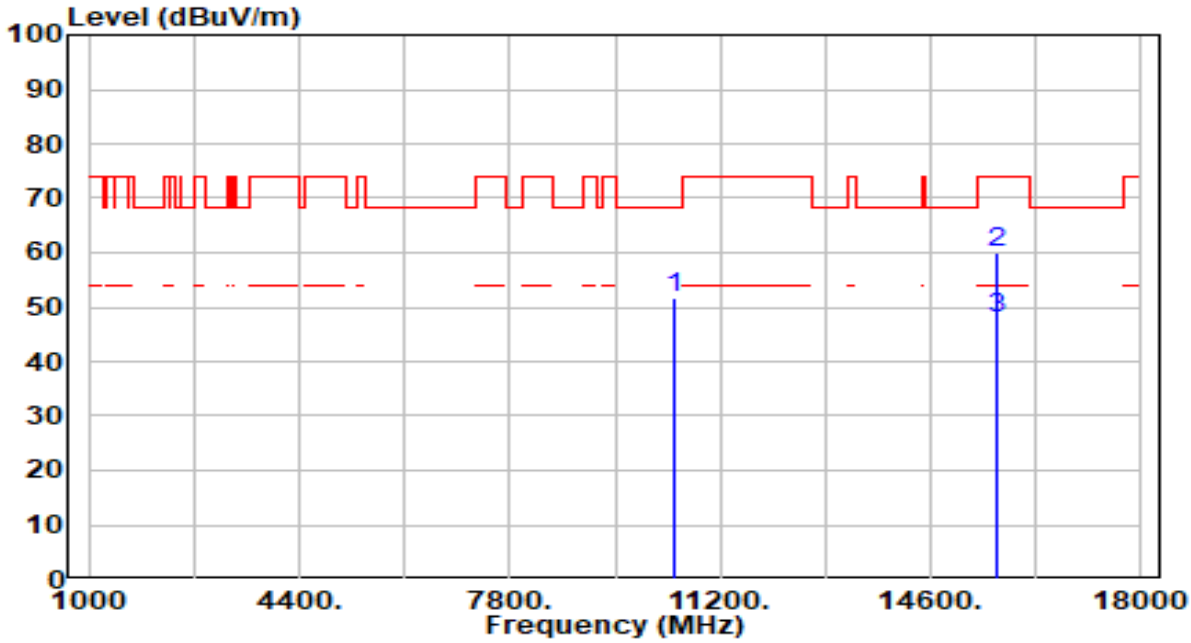



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 49.38 | 3.15 | 52.53 | -15.67 | 68.20 | 200 | 0 | Peak |
| 2 | * | 15660.000 | 59.07 | 4.89 | 63.96 | -10.04 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15660.000 | 47.94 | 4.89 | 52.83 | -1.17 | 54.00 | 200 | 191 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

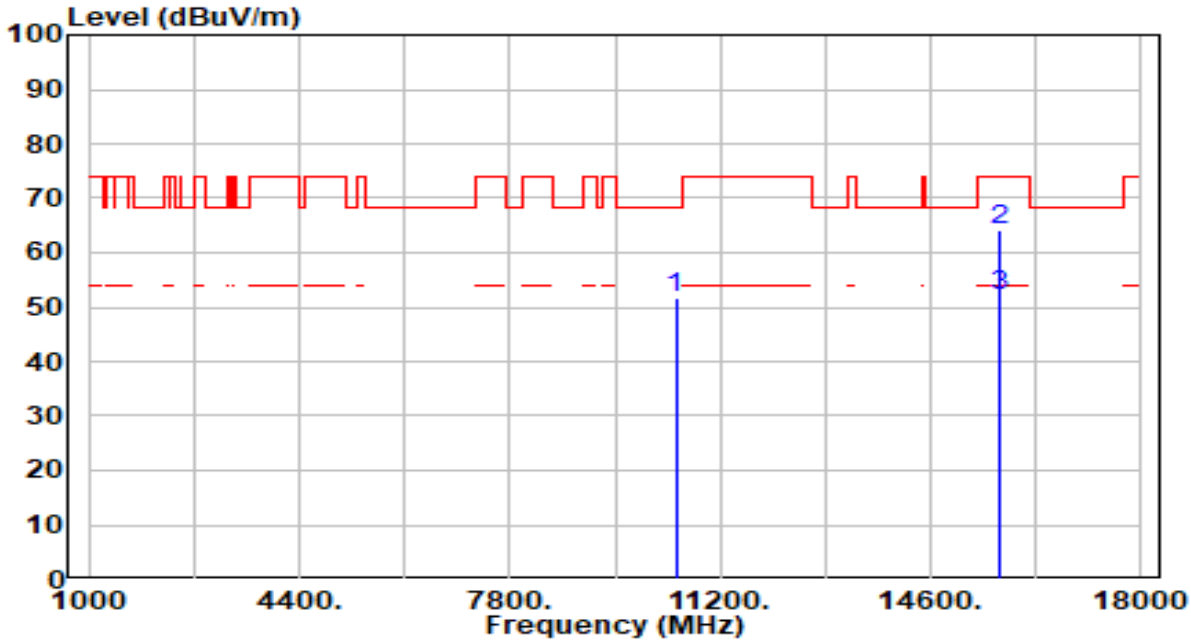



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 48.64 | 3.15 | 51.79 | -16.41 | 68.20 | 100 | 45 | Peak |
| 2 | * | 15660.000 | 55.15 | 4.89 | 60.04 | -13.96 | 74.00 | 100 | 40 | Peak |
| 3 | * | 15660.000 | 43.20 | 4.89 | 48.09 | -5.91 | 54.00 | 100 | 40 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

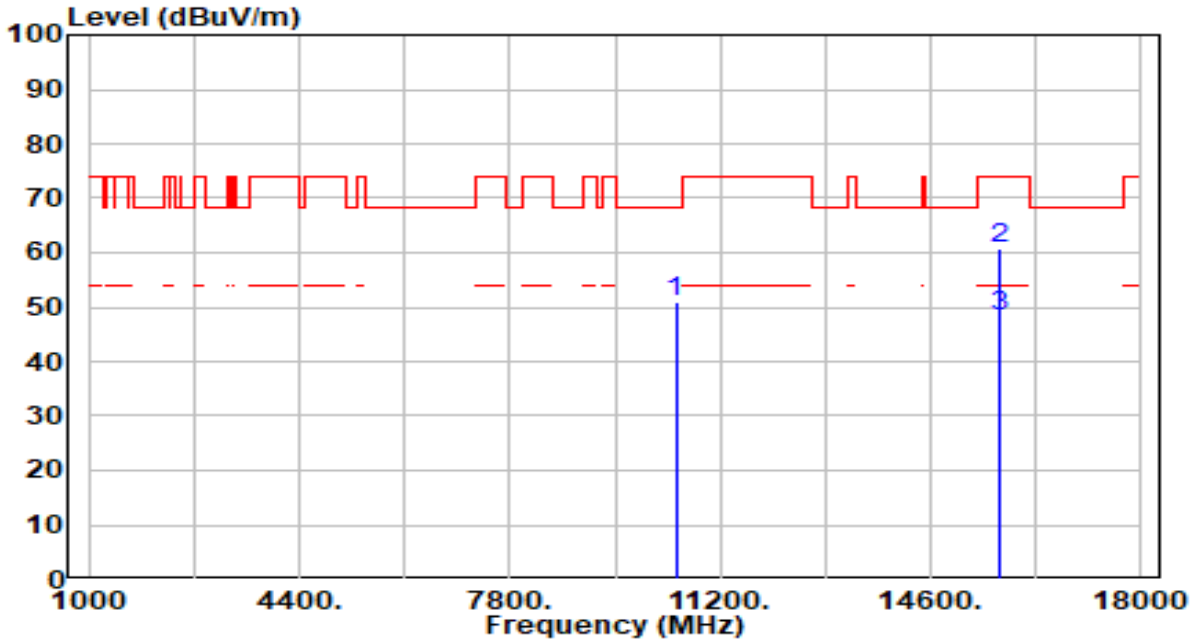



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 48.58 | 3.11 | 51.69 | -16.51 | 68.20 | 200 | 360 | Peak |
| 2 | * | 15720.000 | 59.11 | 5.02 | 64.13 | -9.87 | 74.00 | 200 | 185 | Peak |
| 3 | * | 15720.000 | 47.01 | 5.02 | 52.03 | -1.97 | 54.00 | 200 | 185 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

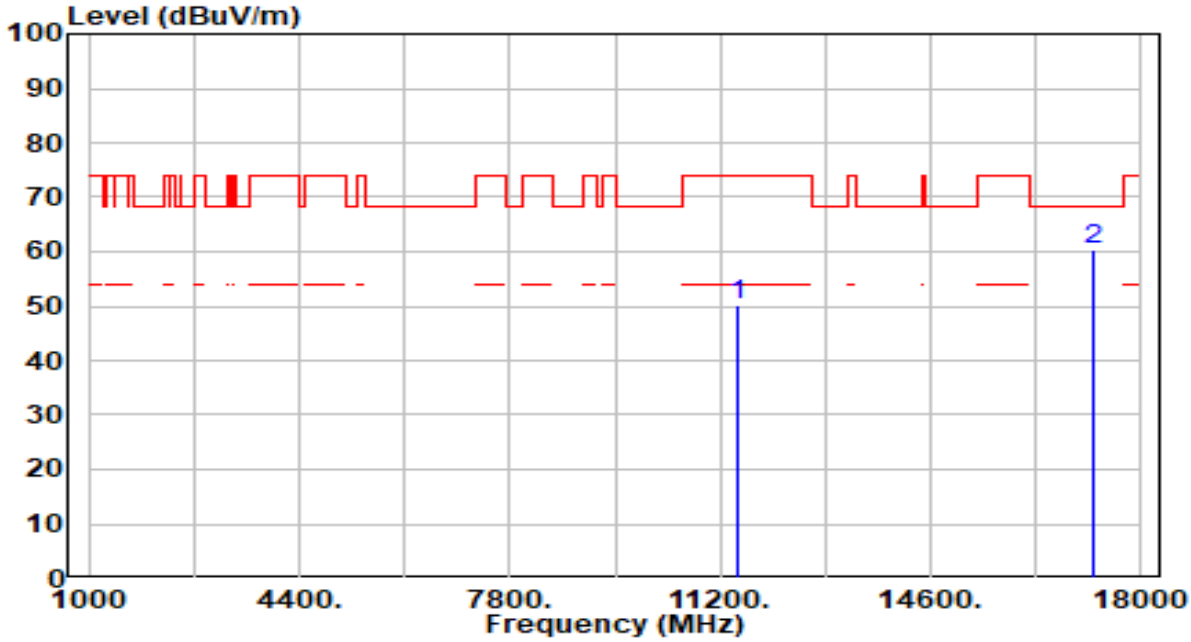



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 47.66 | 3.11 | 50.77 | -17.43 | 68.20 | 100 | 225 | Peak |
| 2 | * | 15720.000 | 55.61 | 5.02 | 60.63 | -13.37 | 74.00 | 100 | 40 | Peak |
| 3 | * | 15720.000 | 43.24 | 5.02 | 48.26 | -5.74 | 54.00 | 100 | 40 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

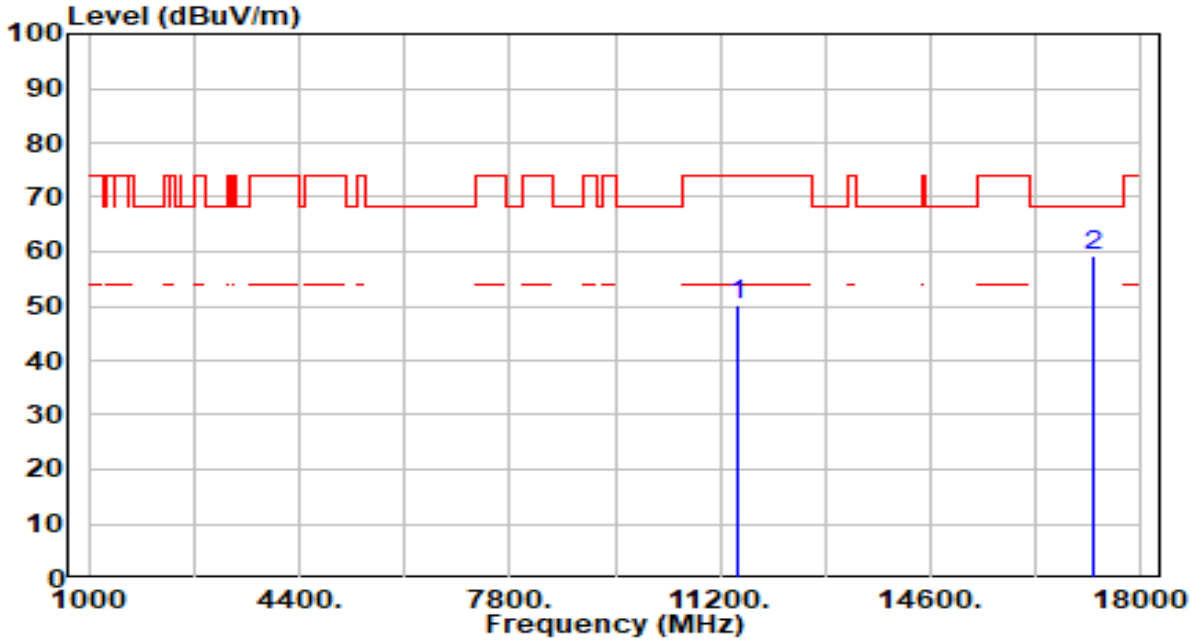



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 46.17 | 3.92 | 50.09 | -23.91 | 74.00 | 200 | 0 | Peak |
| 2 | * | 17235.000 | 56.25 | 4.06 | 60.31 | -7.89 | 68.20 | 200 | 155 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

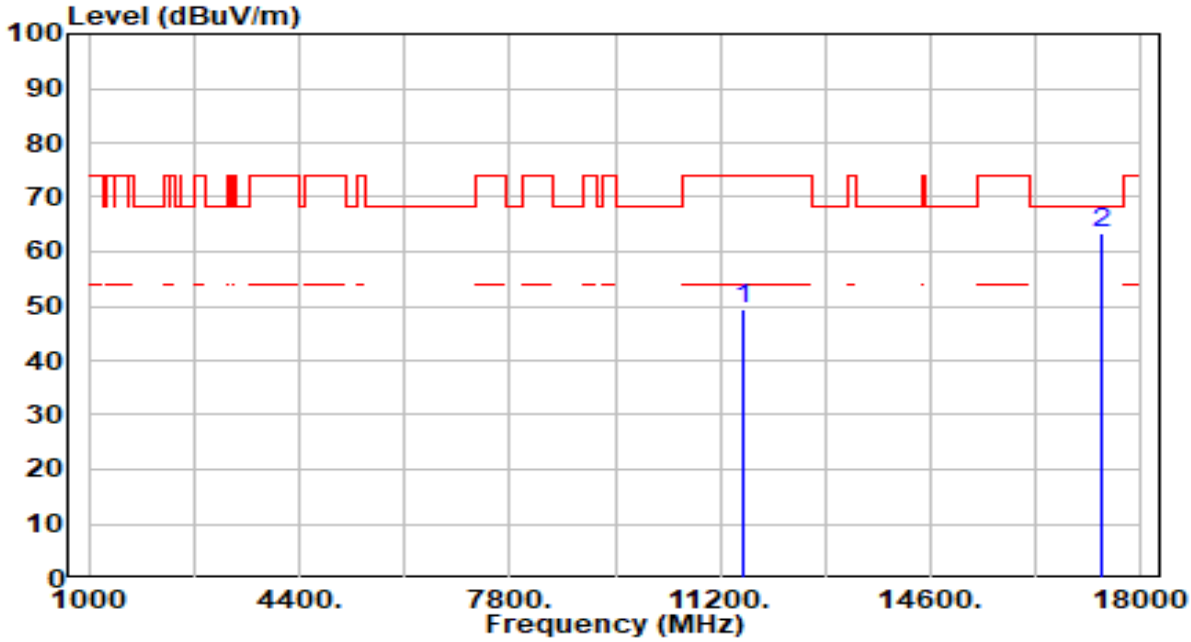



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 46.19 | 3.92 | 50.11 | -23.89 | 74.00 | 100 | 115 | Peak |
| 2 | * | 17235.000 | 55.04 | 4.06 | 59.10 | -9.10 | 68.20 | 100 | 75 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

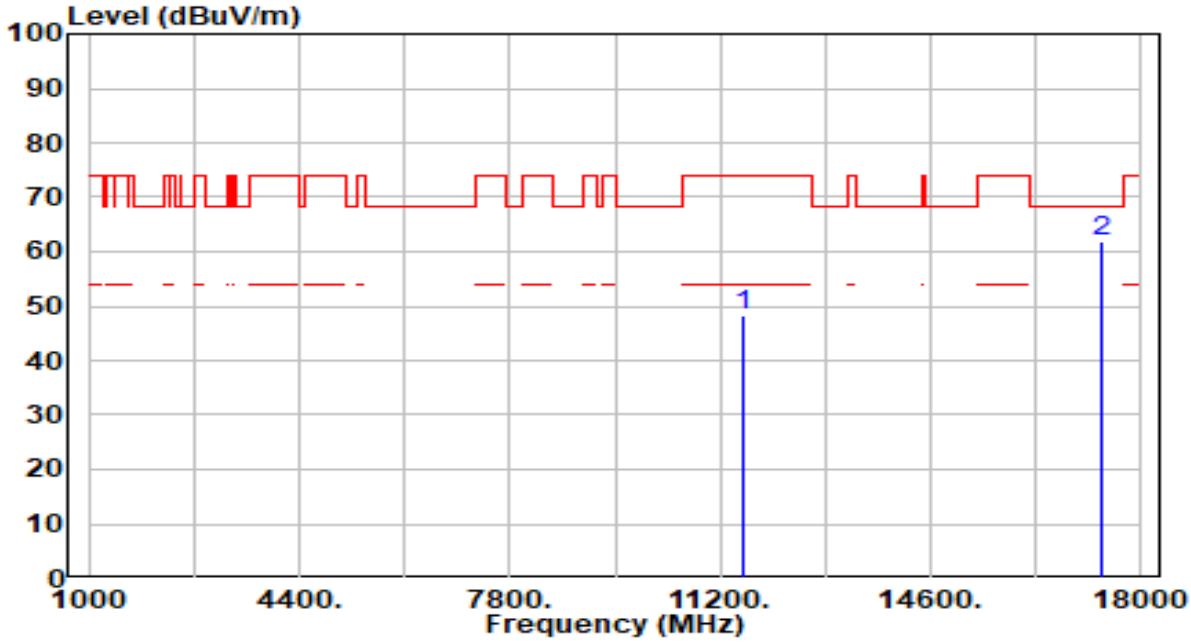



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 45.42 | 3.94 | 49.37 | -24.63 | 74.00 | 200 | 0 | Peak |
| 2 | * | 17355.000 | 59.79 | 3.78 | 63.57 | -4.63 | 68.20 | 200 | 180 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

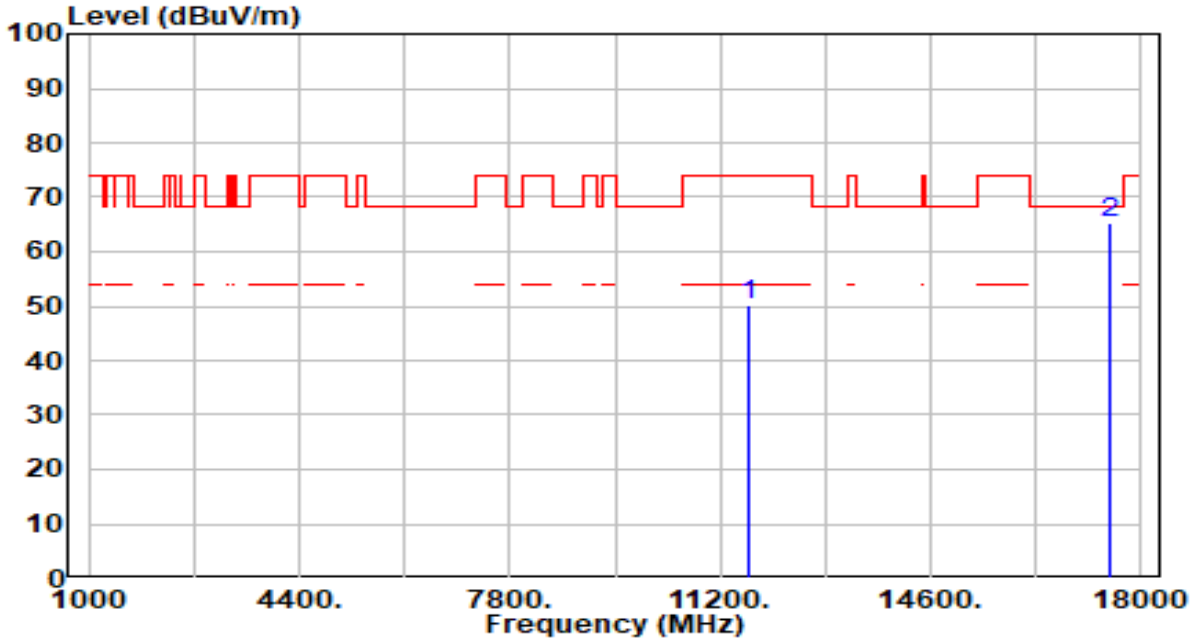



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 44.33 | 3.94 | 48.28 | -25.72 | 74.00 | 100 | 125 | Peak |
| 2 | * | 17355.000 | 57.96 | 3.78 | 61.75 | -6.45 | 68.20 | 100 | 135 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

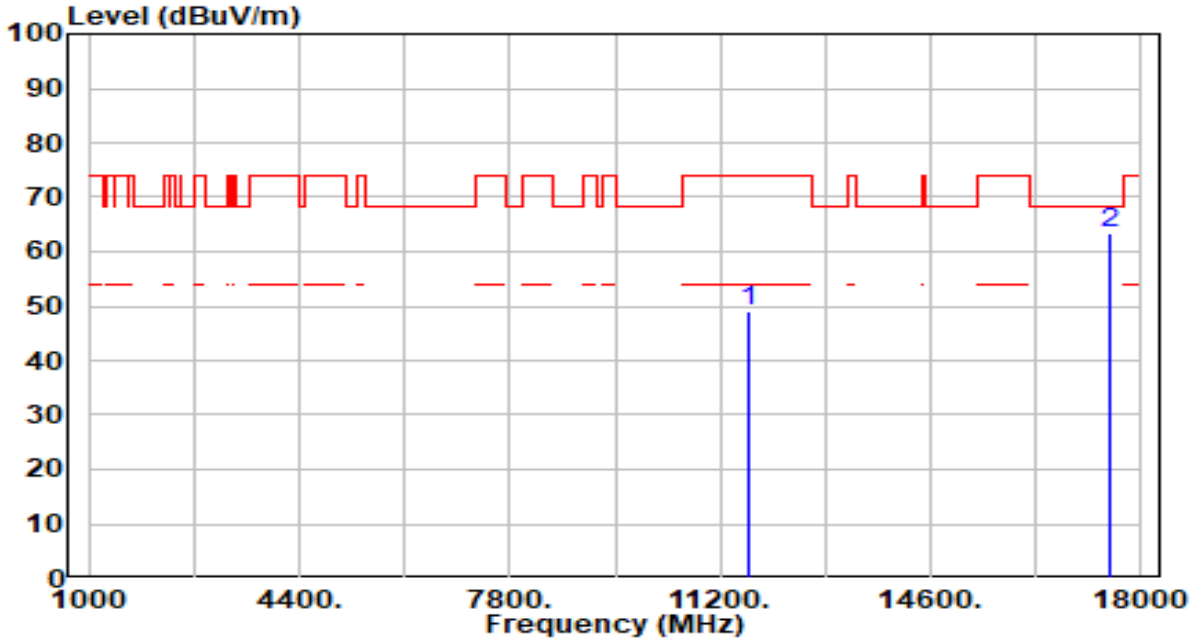



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 46.27 | 3.94 | 50.21 | -23.79 | 74.00 | 200 | 0 | Peak |
| 2 | * | 17475.000 | 61.64 | 3.65 | 65.29 | -2.91 | 68.20 | 200 | 145 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

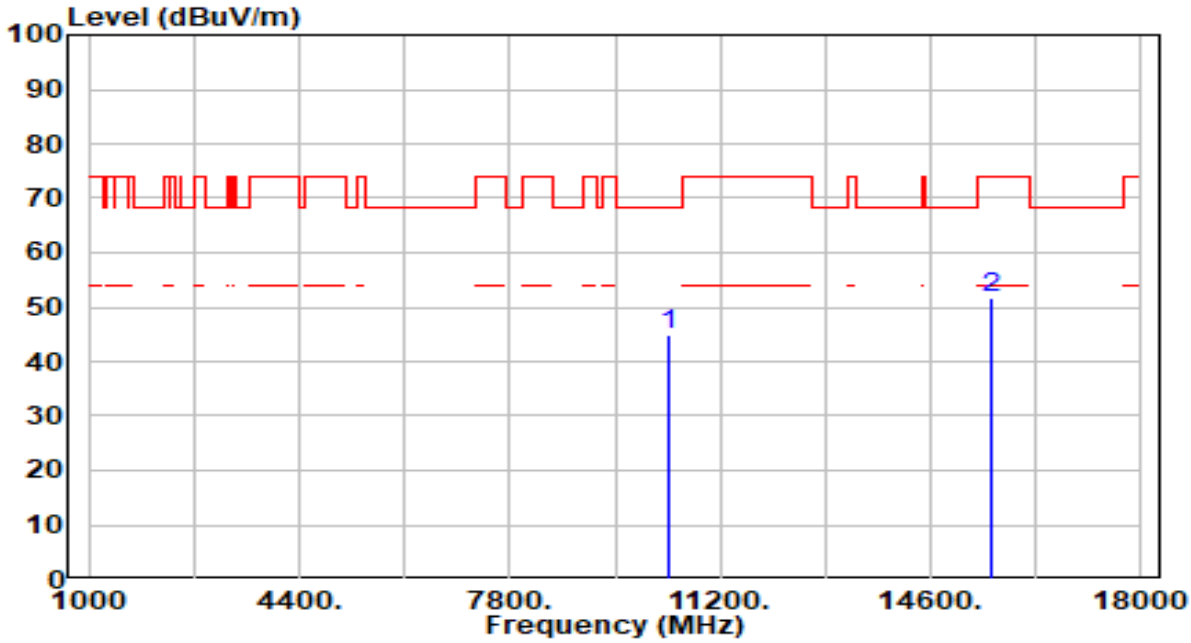



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 44.97 | 3.94 | 48.91 | -25.09 | 74.00 | 100 | 50 | Peak |
| 2 | * | 17475.000 | 59.57 | 3.65 | 63.23 | -4.97 | 68.20 | 100 | 275 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

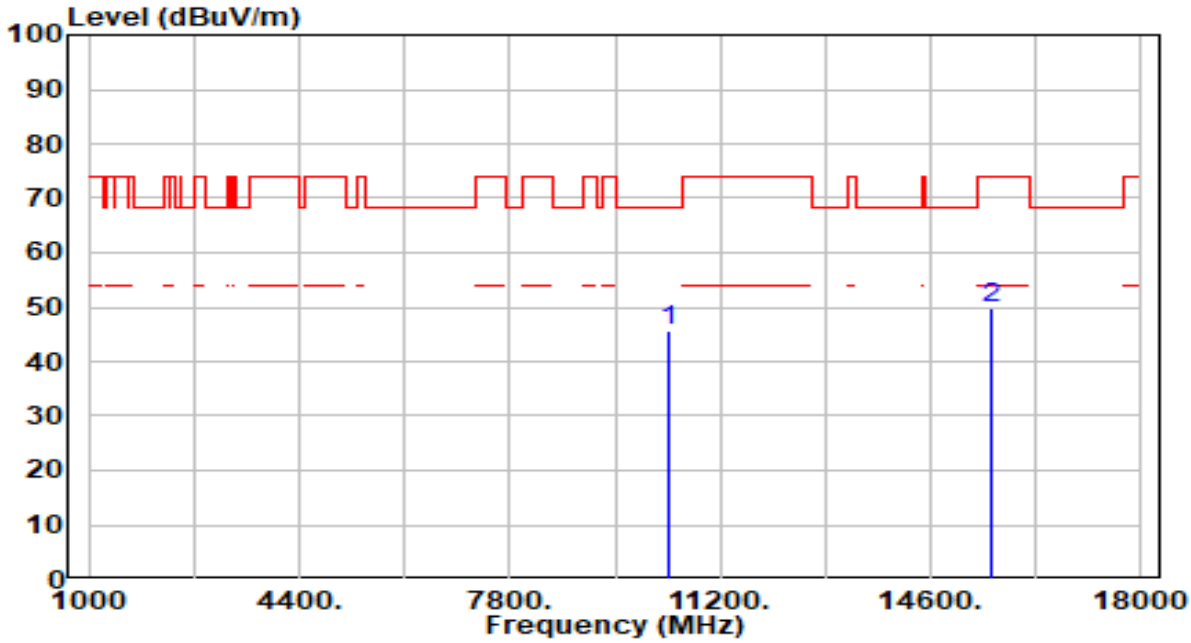



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10380.000 | 41.83 | 3.19 | 45.01 | -23.19 | 68.20 | 200 | 50 | Peak |
| 2 | * | 15570.000 | 46.93 | 4.75 | 51.68 | -22.32 | 74.00 | 200 | 195 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

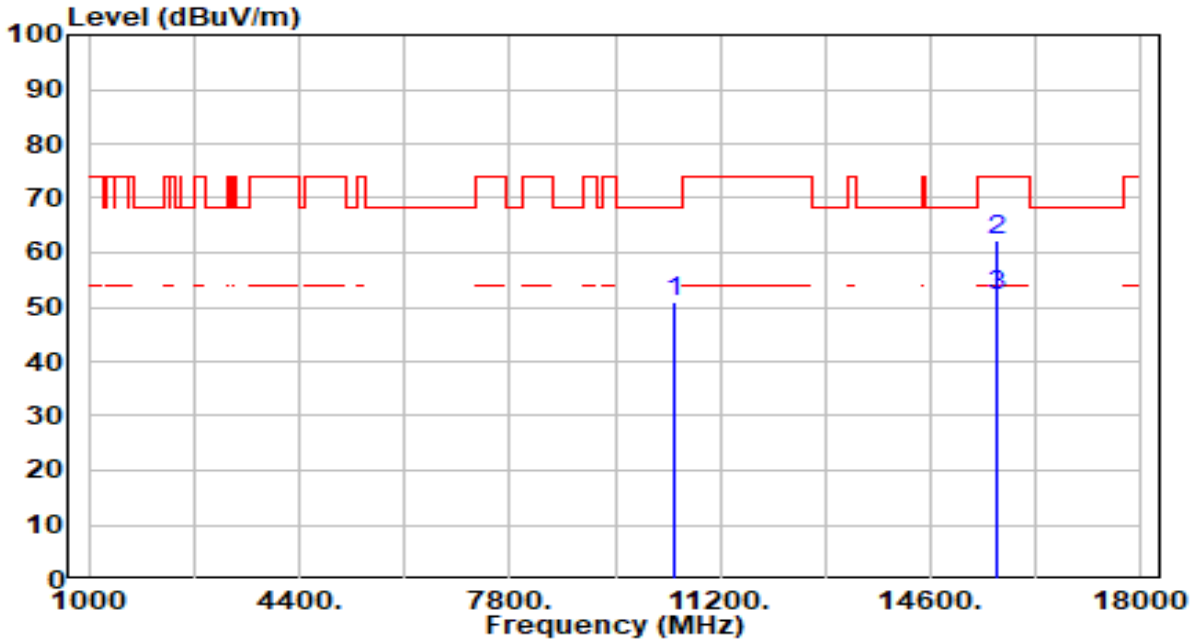



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 10380.000 | 42.34 | 3.19 | 45.52 | -22.68 | 68.20 | 100 | 70 | Peak |
| 2 | | 15570.000 | 45.15 | 4.75 | 49.90 | -24.10 | 74.00 | 100 | 360 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 46_ANT 1+2 | Test Voltage | AC 120V/60Hz |

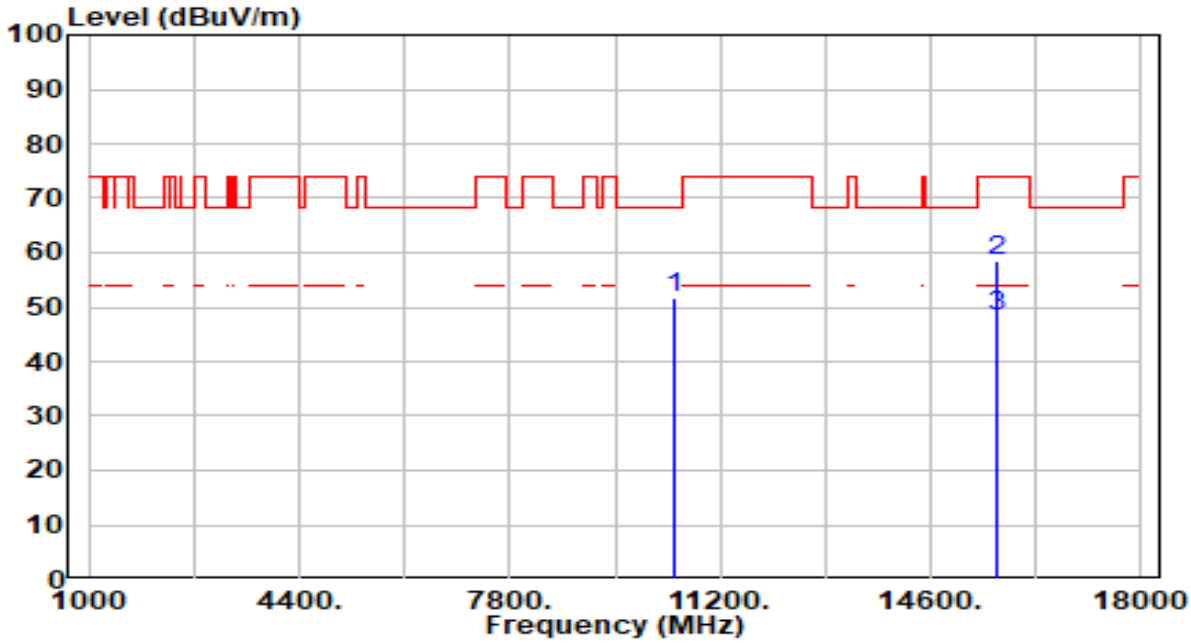



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10460.000 | 47.66 | 3.13 | 50.79 | -17.41 | 68.20 | 200 | 0 | Peak |
| 2 | * | 15690.000 | 57.21 | 4.95 | 62.16 | -11.84 | 74.00 | 200 | 190 | Peak |
| 3 | * | 15690.000 | 47.19 | 4.95 | 52.14 | -1.86 | 54.00 | 200 | 190 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 46_ANT 1+2 | Test Voltage | AC 120V/60Hz |

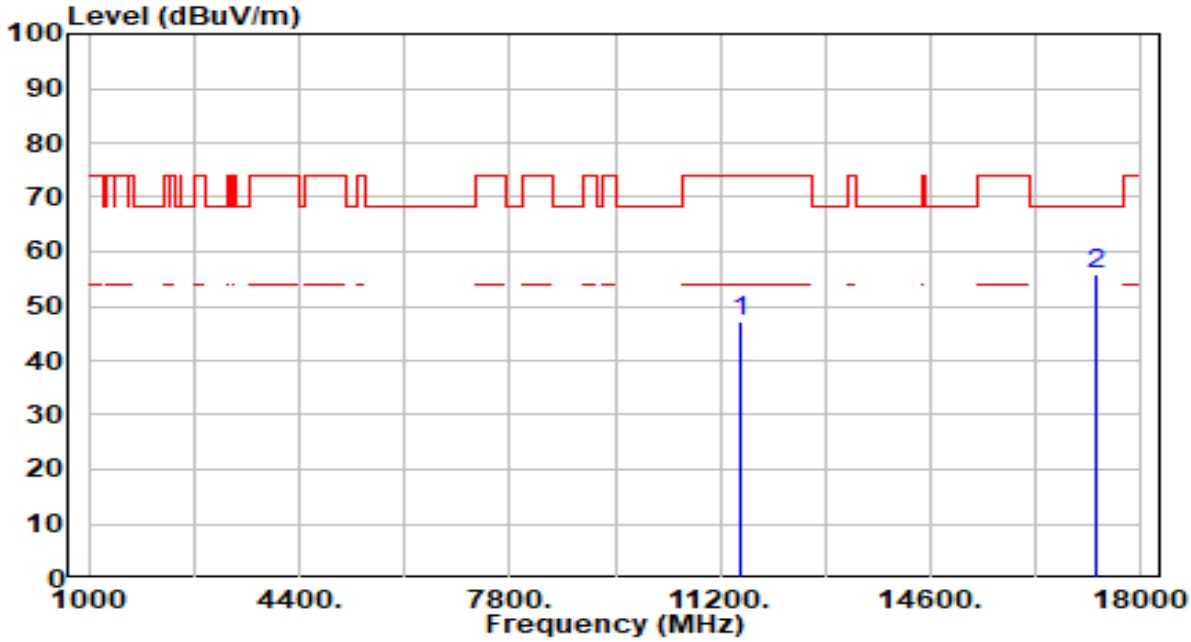



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10460.000 | 48.75 | 3.13 | 51.88 | -16.32 | 68.20 | 100 | 285 | Peak |
| 2 | * | 15690.000 | 53.61 | 4.95 | 58.56 | -15.44 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15690.000 | 43.52 | 4.95 | 48.47 | -5.53 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

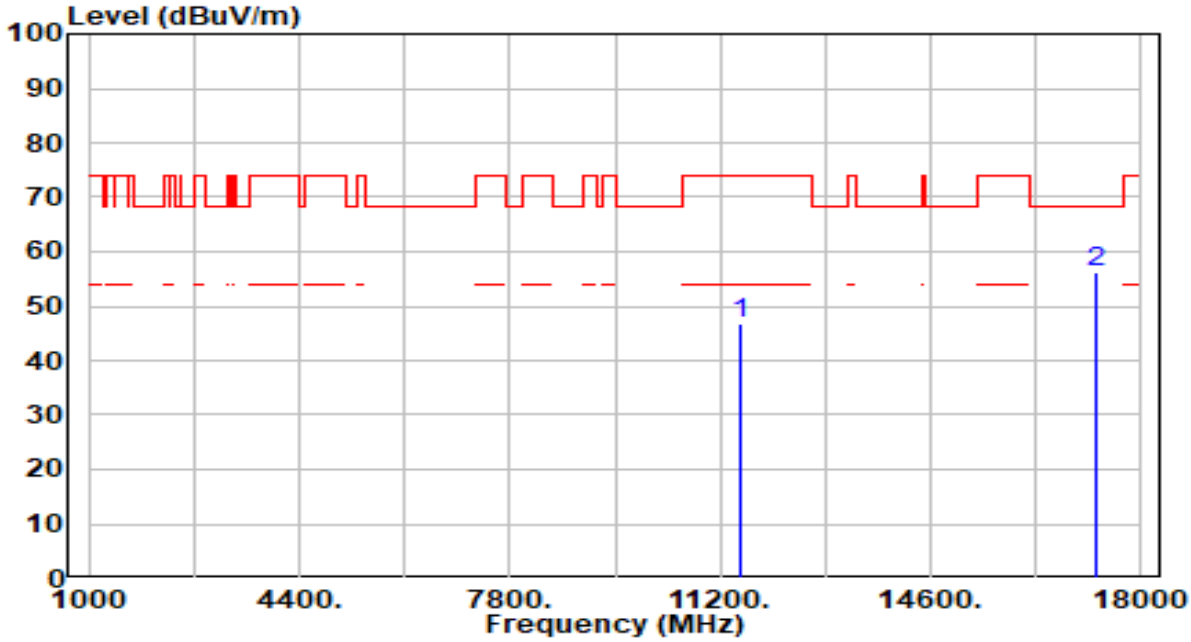



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11510.000 | 43.33 | 3.93 | 47.26 | -26.74 | 74.00 | 200 | 165 | Peak |
| 2 | * | 17265.000 | 51.67 | 3.99 | 55.67 | -12.53 | 68.20 | 200 | 140 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

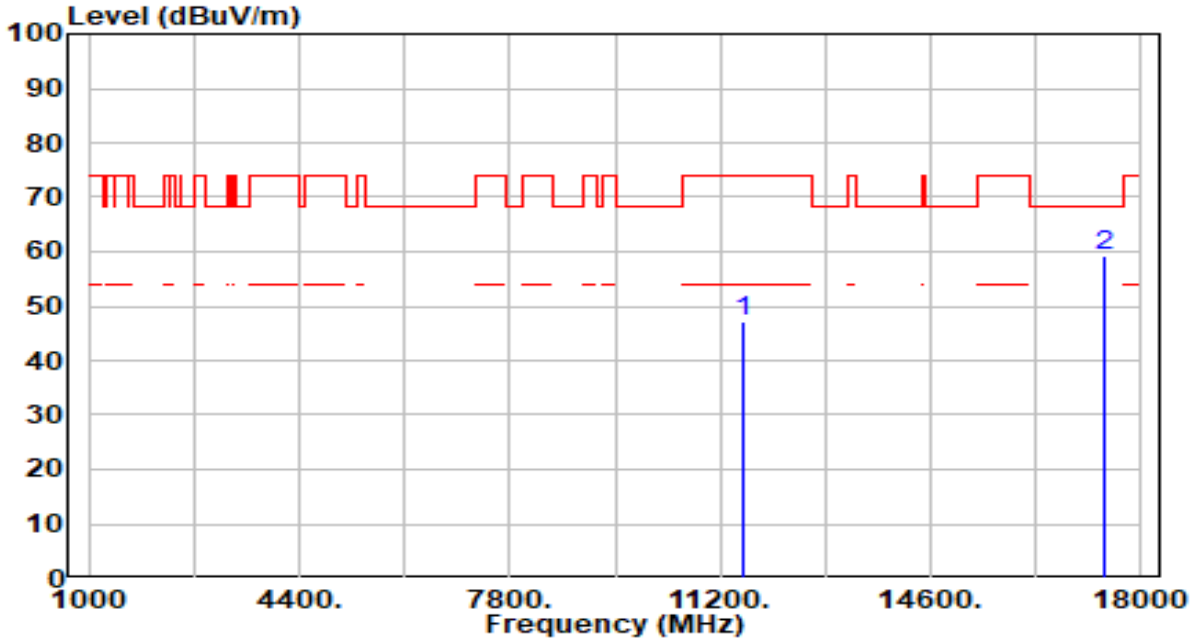



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11510.000 | 42.77 | 3.93 | 46.70 | -27.30 | 74.00 | 100 | 305 | Peak |
| 2 | * | 17265.000 | 52.08 | 3.99 | 56.07 | -12.13 | 68.20 | 100 | 275 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

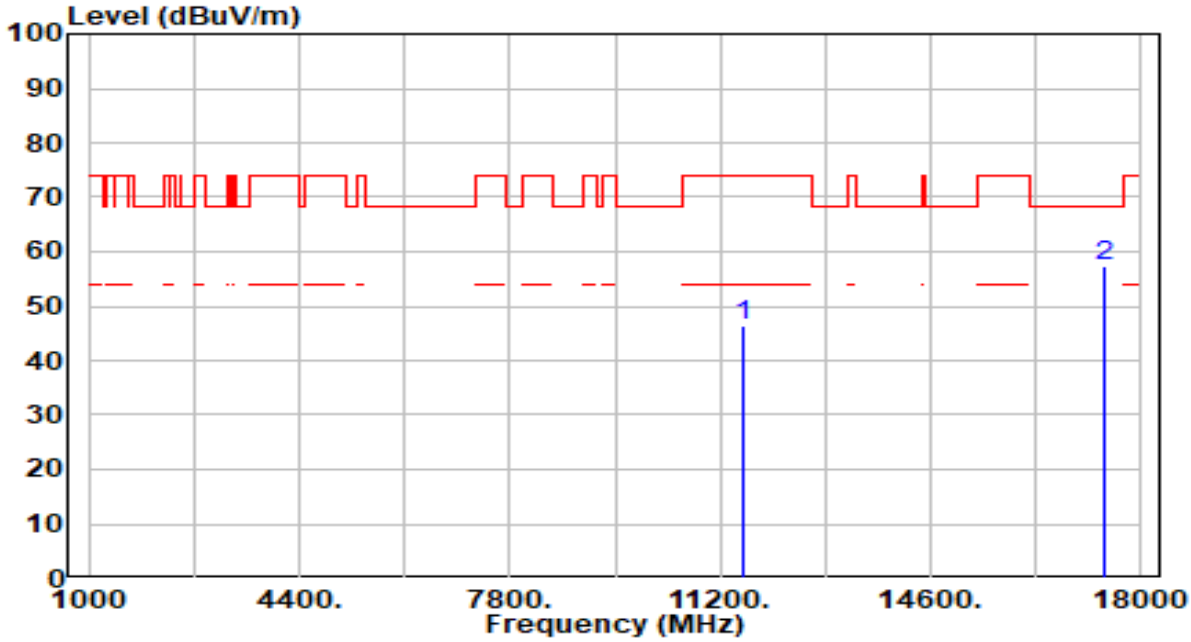



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11590.000 | 43.08 | 3.95 | 47.03 | -26.97 | 74.00 | 200 | 45 | Peak |
| 2 | * | 17385.000 | 55.55 | 3.71 | 59.26 | -8.94 | 68.20 | 200 | 165 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

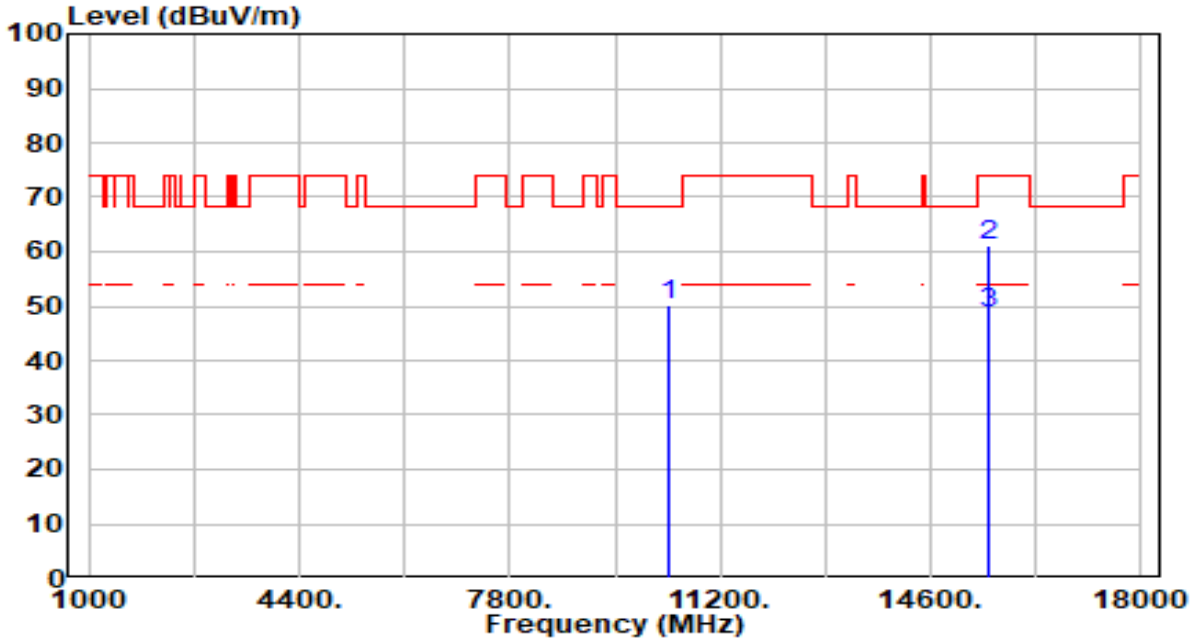



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11590.000 | 42.47 | 3.95 | 46.42 | -27.58 | 74.00 | 100 | 35 | Peak |
| 2 | * | 17385.000 | 53.50 | 3.71 | 57.22 | -10.98 | 68.20 | 100 | 280 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

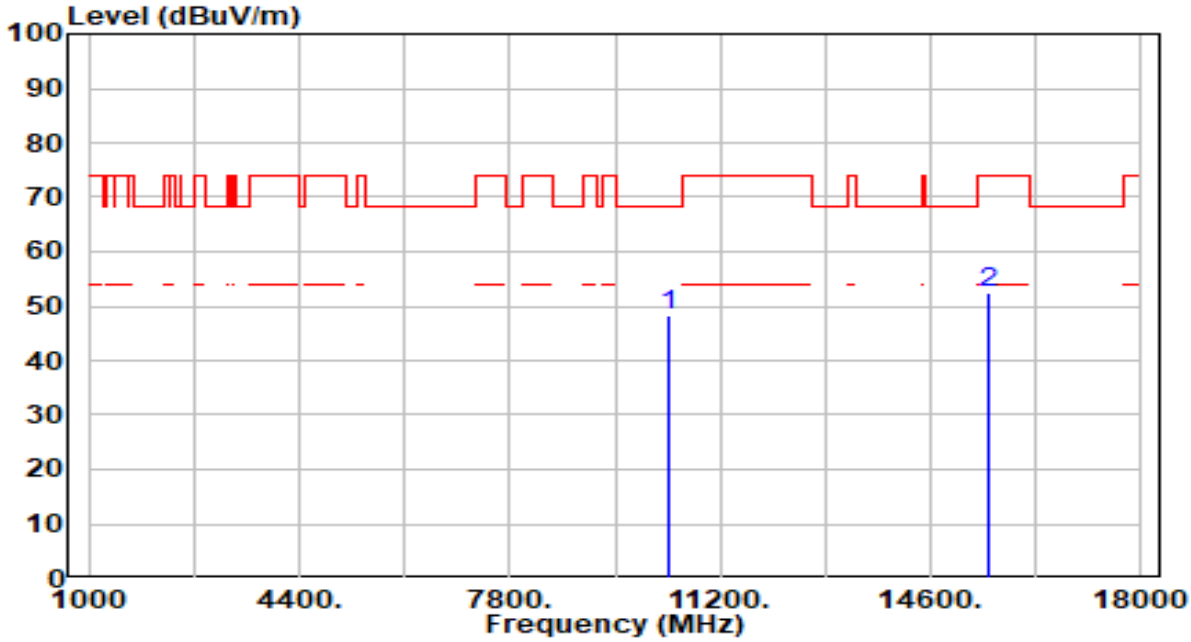



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10360.000 | 46.94 | 3.19 | 50.13 | -18.07 | 68.20 | 200 | 360 | Peak |
| 2 | * | 15540.000 | 56.53 | 4.74 | 61.27 | -12.73 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15540.000 | 44.02 | 4.74 | 48.76 | -5.24 | 54.00 | 200 | 191 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

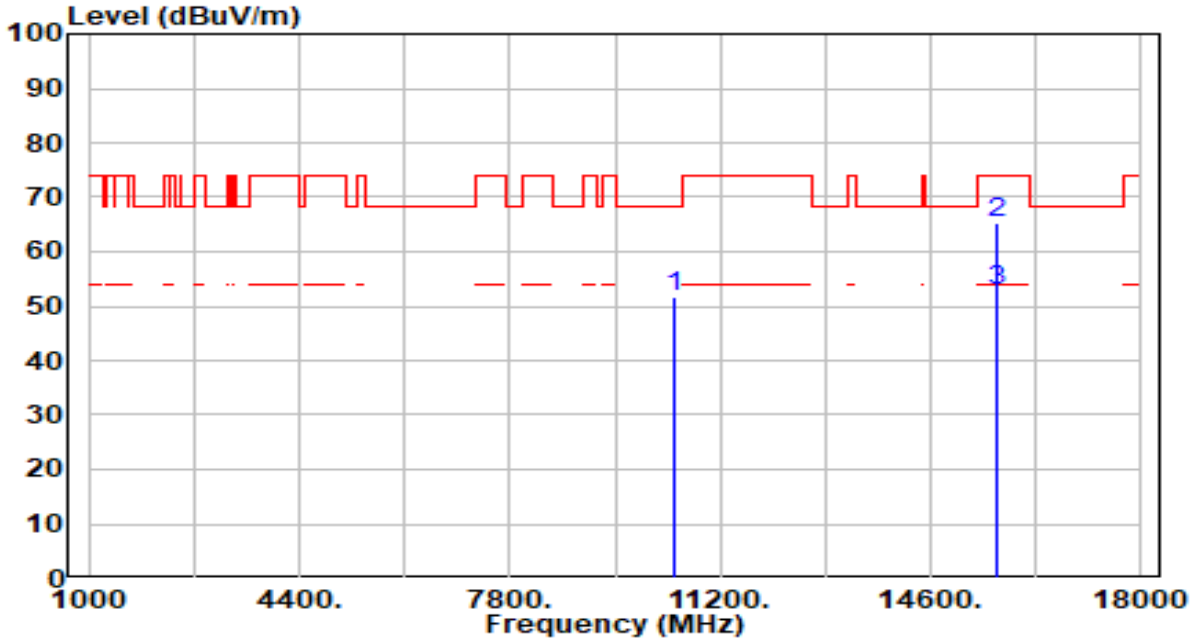



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 10360.000 | 44.95 | 3.19 | 48.14 | -20.06 | 68.20 | 100 | 290 | Peak |
| 2 | | 15540.000 | 47.88 | 4.74 | 52.62 | -21.38 | 74.00 | 100 | 187 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

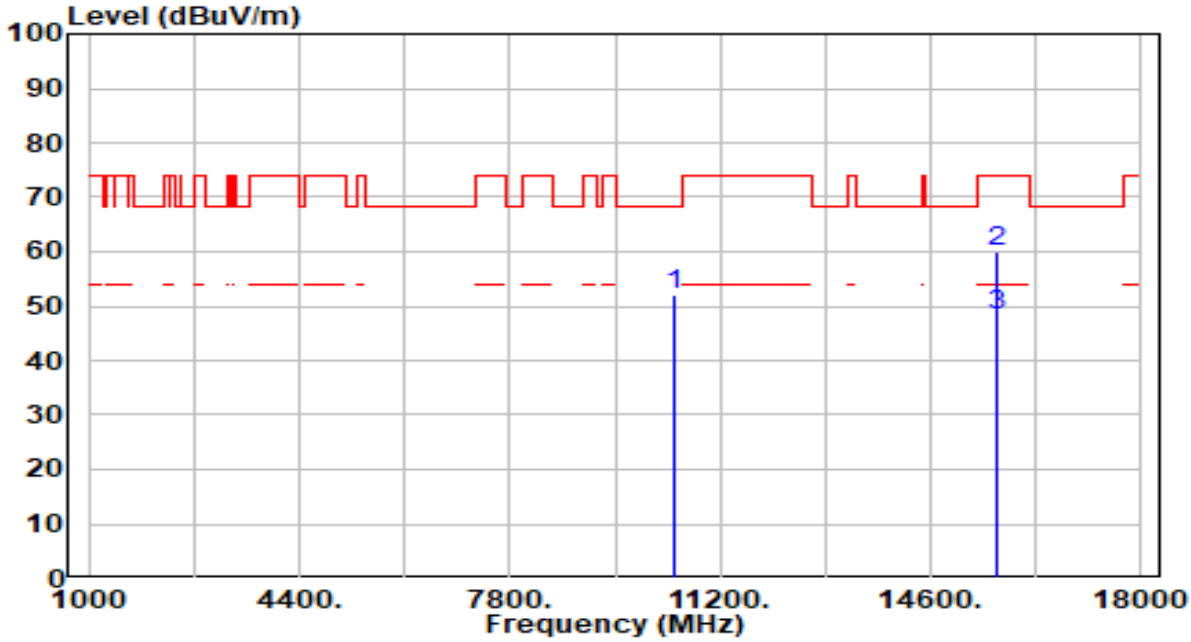



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 48.51 | 3.15 | 51.66 | -16.54 | 68.20 | 200 | 10 | Peak |
| 2 | * | 15660.000 | 60.34 | 4.89 | 65.23 | -8.77 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15660.000 | 48.05 | 4.89 | 52.94 | -1.06 | 54.00 | 200 | 191 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

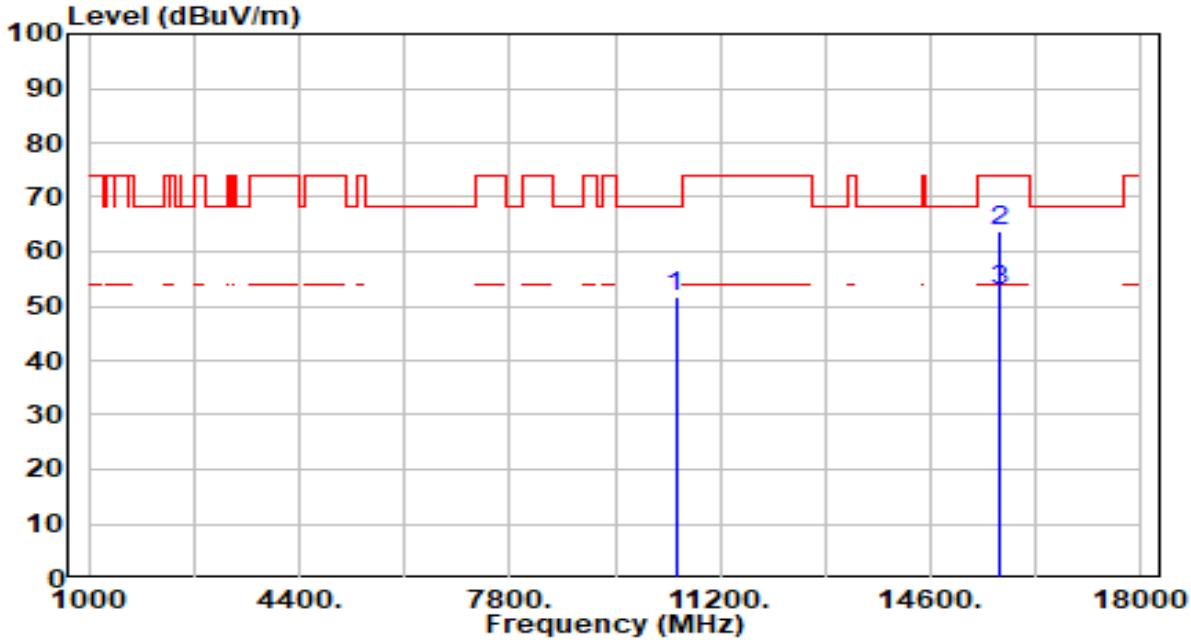



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10440.000 | 48.93 | 3.15 | 52.08 | -16.12 | 68.20 | 100 | 285 | Peak |
| 2 | * | 15660.000 | 55.12 | 4.89 | 60.01 | -13.99 | 74.00 | 100 | 40 | Peak |
| 3 | * | 15660.000 | 43.41 | 4.89 | 48.30 | -5.70 | 54.00 | 100 | 40 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

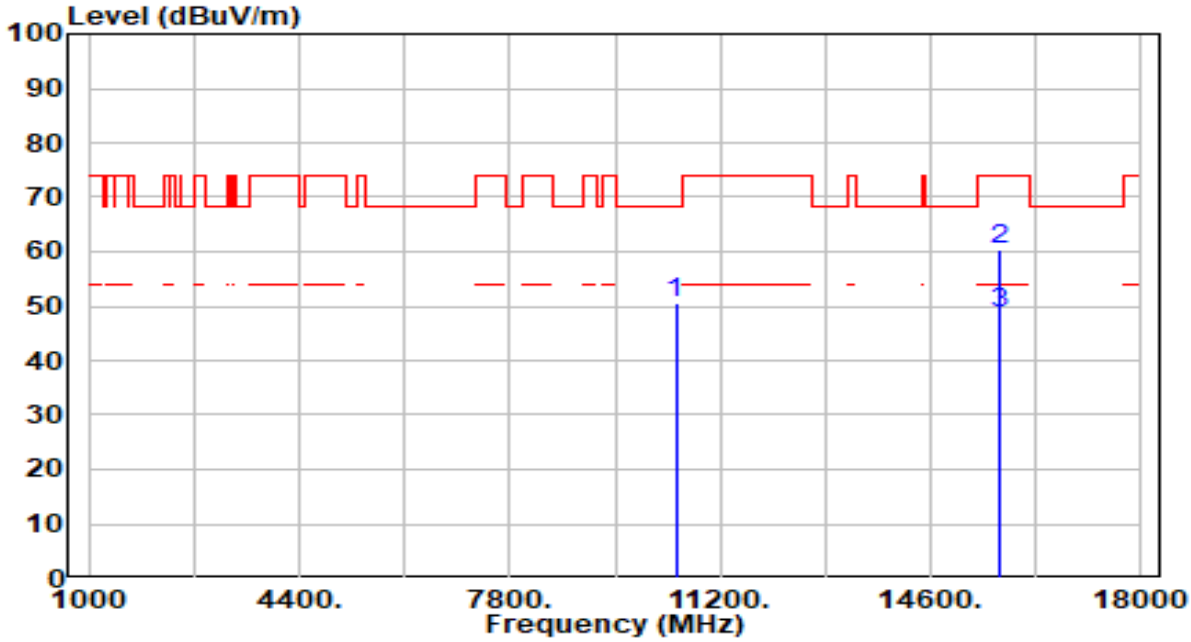



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 48.66 | 3.11 | 51.78 | -16.42 | 68.20 | 200 | 46 | Peak |
| 2 | * | 15720.000 | 58.74 | 5.02 | 63.76 | -10.24 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15720.000 | 47.97 | 5.02 | 52.99 | -1.01 | 54.00 | 200 | 191 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 48_ANT 1+2 | Test Voltage | AC 120V/60Hz |

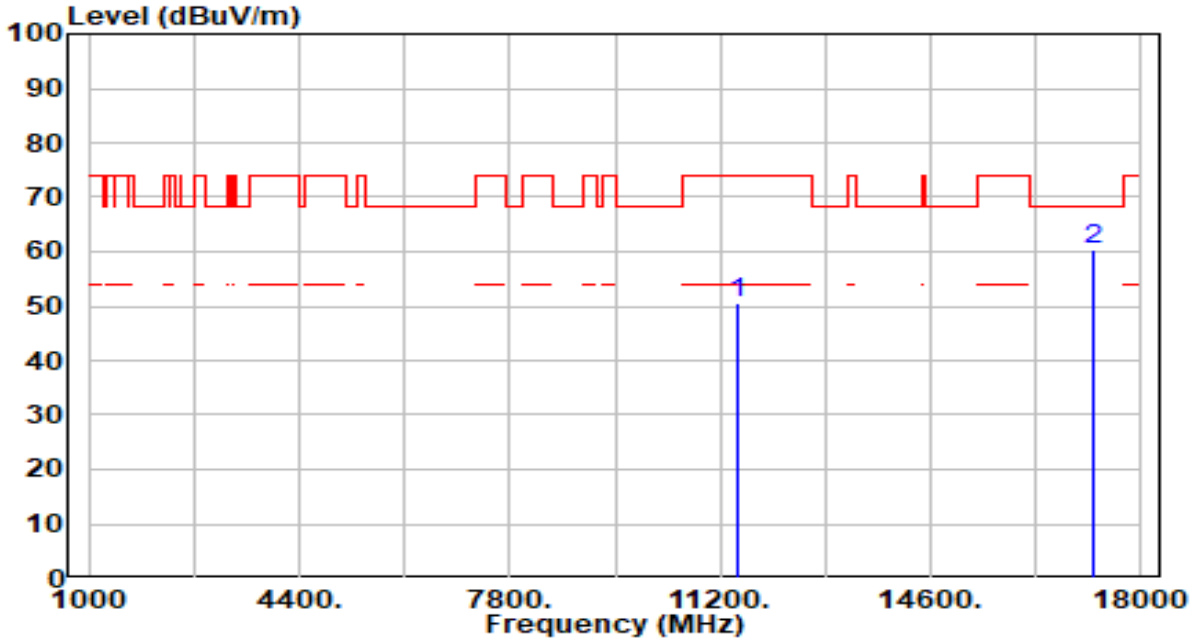



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10480.000 | 47.46 | 3.11 | 50.57 | -17.63 | 68.20 | 100 | 50 | Peak |
| 2 | * | 15720.000 | 55.23 | 5.02 | 60.25 | -13.75 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15720.000 | 43.72 | 5.02 | 48.74 | -5.26 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

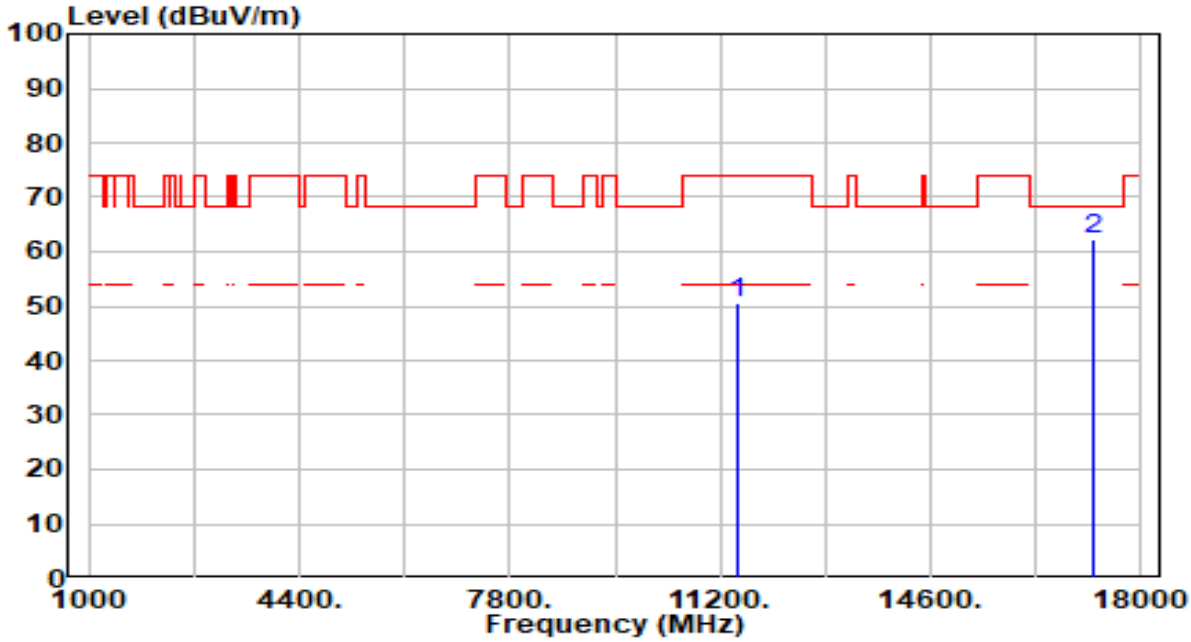



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 46.69 | 3.92 | 50.61 | -23.39 | 74.00 | 200 | 0 | Peak |
| 2 | * | 17235.000 | 56.13 | 4.06 | 60.20 | -8.00 | 68.20 | 200 | 0 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

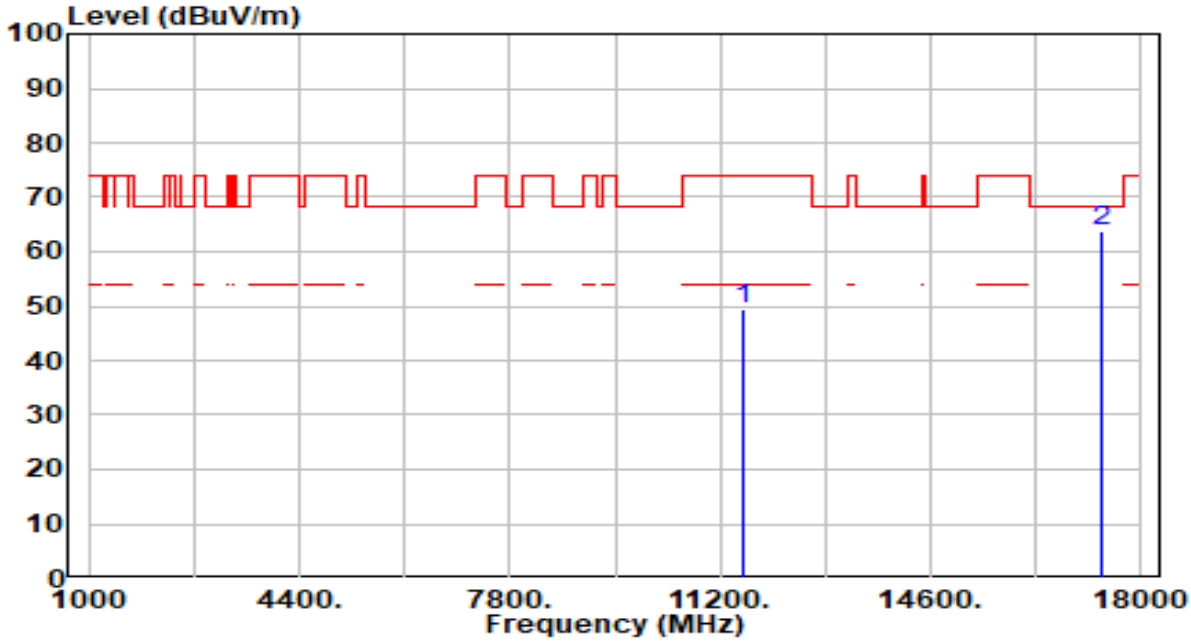



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11490.000 | 46.69 | 3.92 | 50.61 | -23.39 | 74.00 | 100 | 60 | Peak |
| 2 | * | 17235.000 | 58.03 | 4.06 | 62.09 | -6.11 | 68.20 | 100 | 275 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

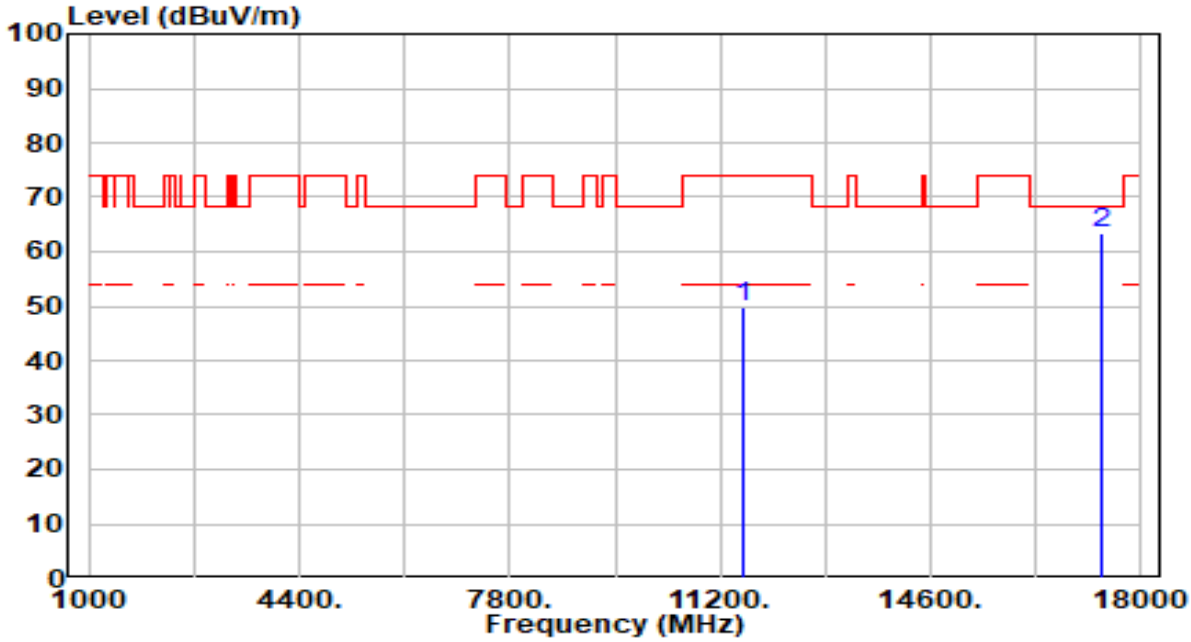



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 45.32 | 3.94 | 49.27 | -24.73 | 74.00 | 200 | 345 | Peak |
| 2 | * | 17355.000 | 59.89 | 3.78 | 63.67 | -4.53 | 68.20 | 200 | 140 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 157_ANT 1+2 | Test Voltage | AC 120V/60Hz |

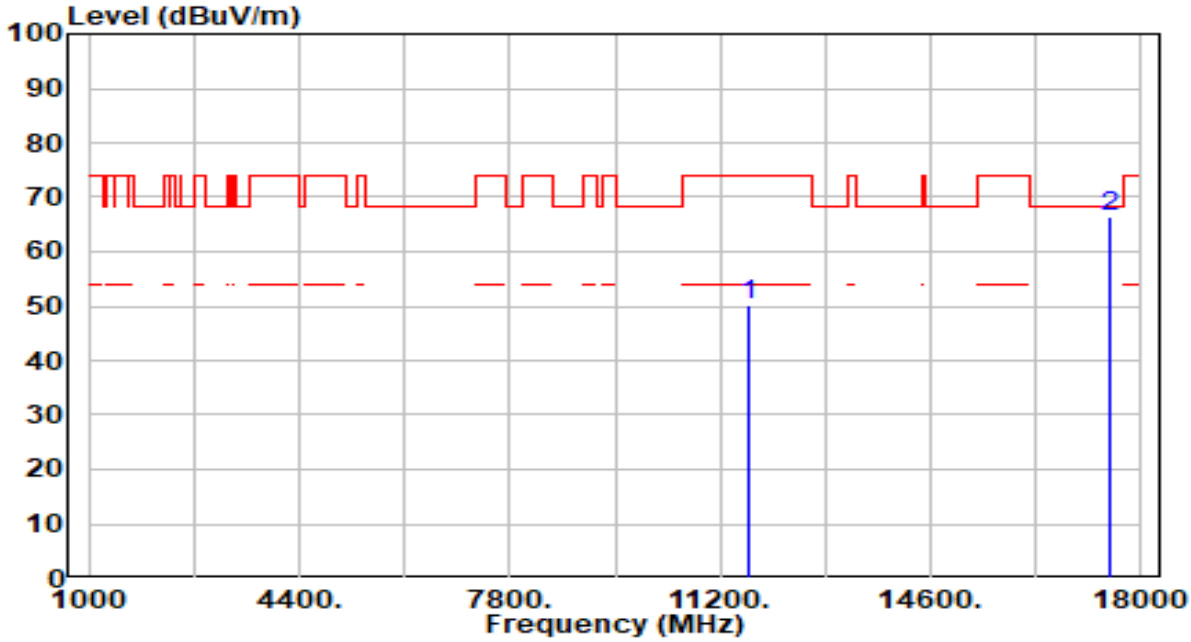



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11570.000 | 45.81 | 3.94 | 49.76 | -24.24 | 74.00 | 100 | 125 | Peak |
| 2 | * | 17355.000 | 59.49 | 3.78 | 63.27 | -4.93 | 68.20 | 100 | 240 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

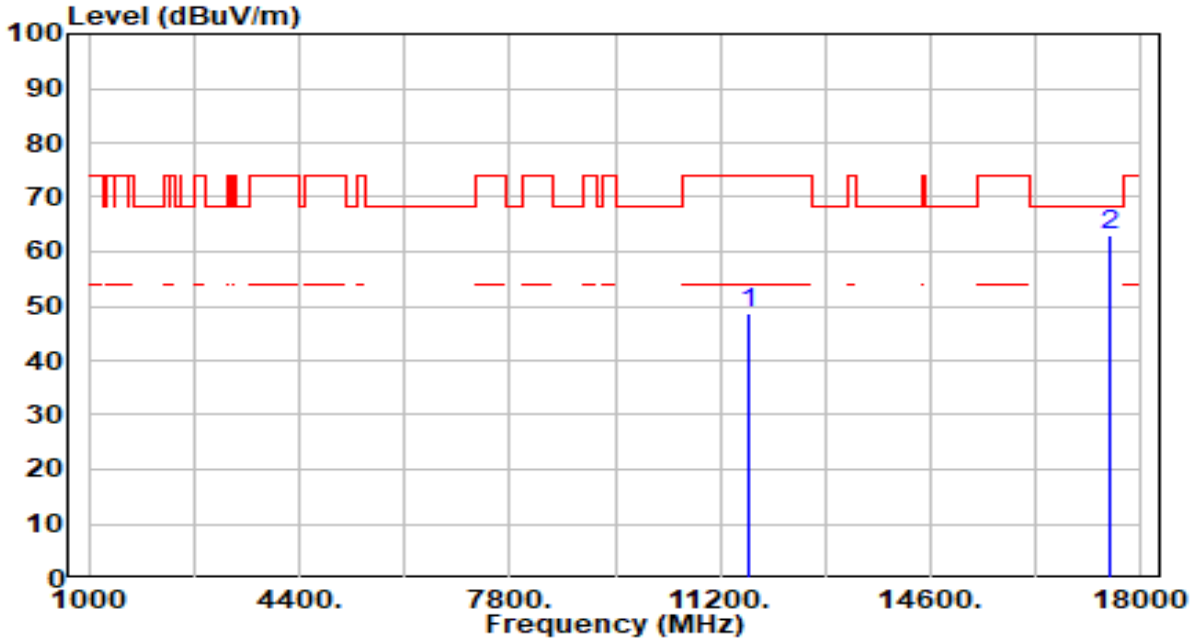



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 46.39 | 3.94 | 50.33 | -23.67 | 74.00 | 200 | 330 | Peak |
| 2 | * | 17475.000 | 62.75 | 3.65 | 66.40 | -1.80 | 68.20 | 200 | 145 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

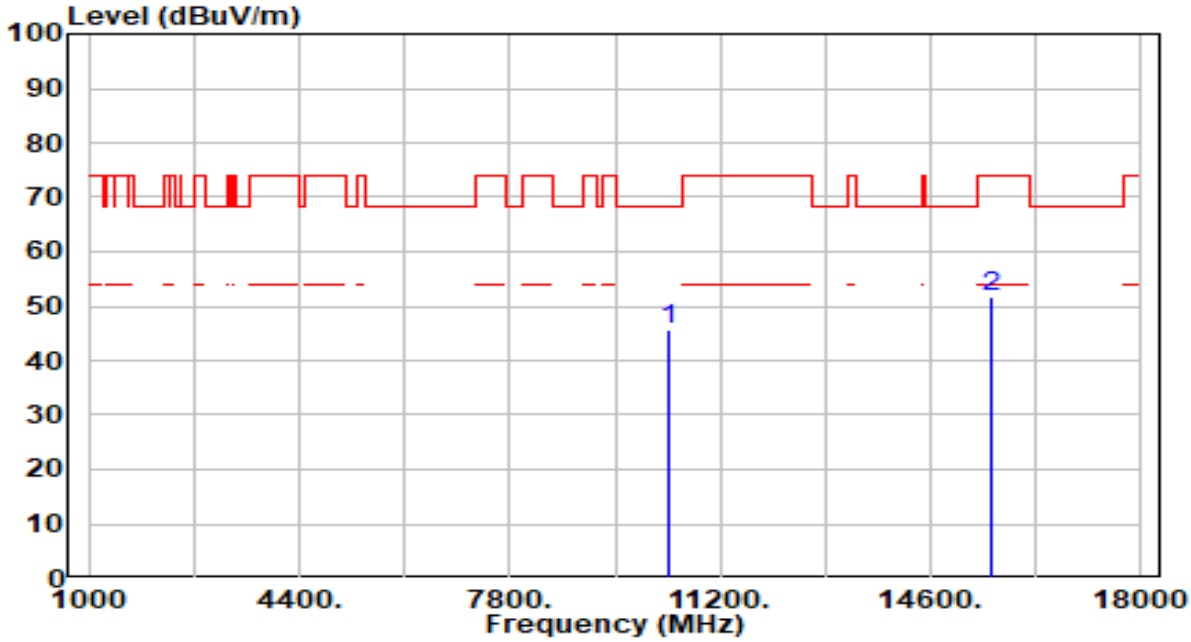



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11650.000 | 44.63 | 3.94 | 48.57 | -25.43 | 74.00 | 100 | 40 | Peak |
| 2 | * | 17475.000 | 59.53 | 3.65 | 63.18 | -5.02 | 68.20 | 100 | 75 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

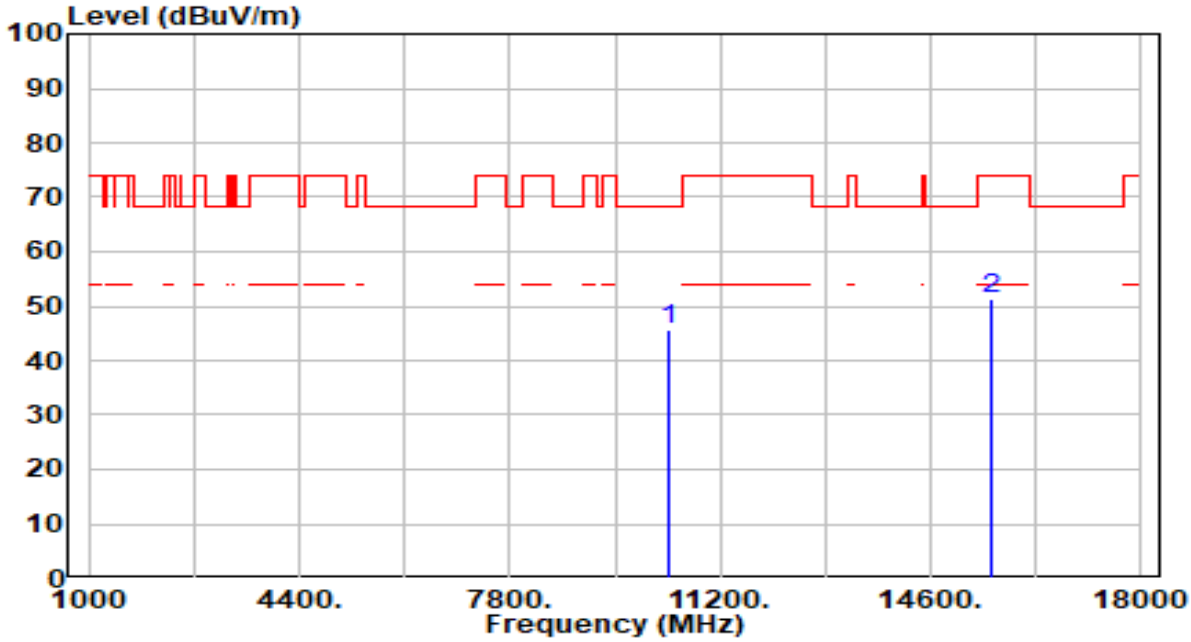



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10380.000 | 42.41 | 3.19 | 45.59 | -22.61 | 68.20 | 200 | 0 | Peak |
| 2 | * | 15570.000 | 46.91 | 4.75 | 51.66 | -22.34 | 74.00 | 200 | 165 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

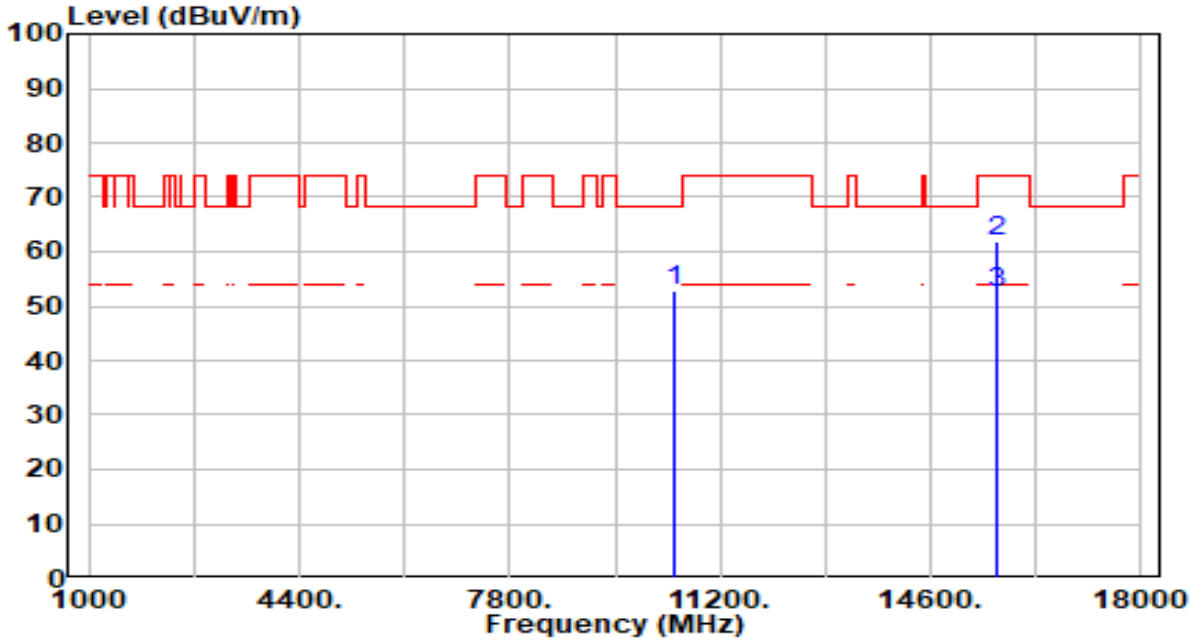



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 10380.000 | 42.32 | 3.19 | 45.51 | -22.69 | 68.20 | 100 | 245 | Peak |
| 2 | | 15570.000 | 46.45 | 4.75 | 51.20 | -22.80 | 74.00 | 100 | 170 | Peak |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 46_ANT 1+2 | Test Voltage | AC 120V/60Hz |

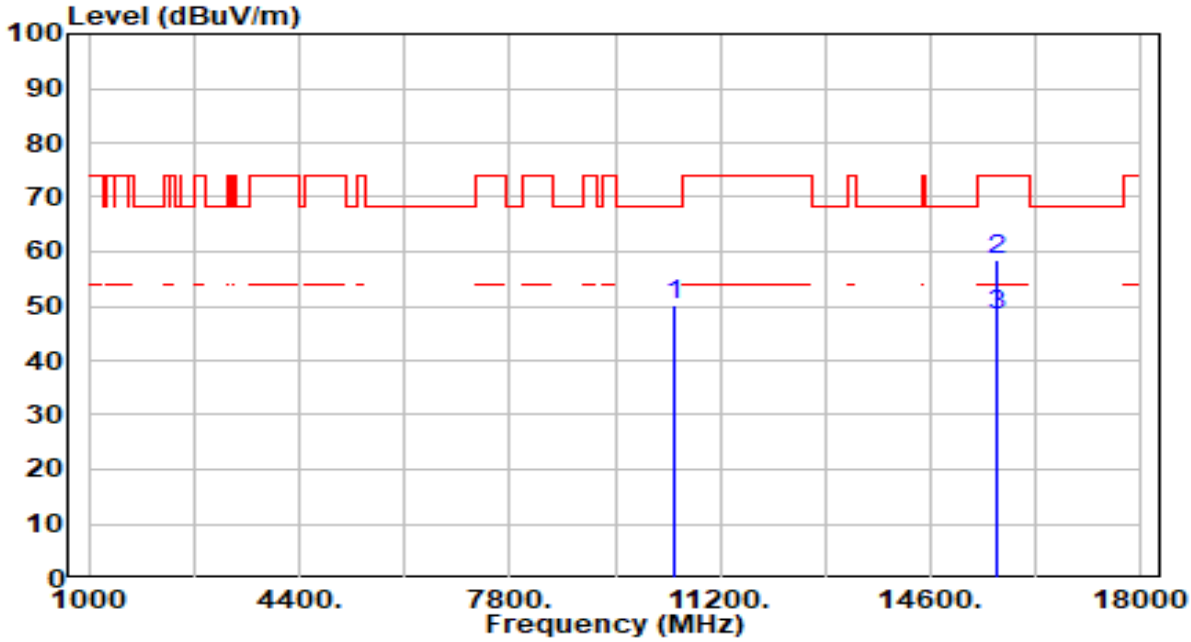



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10460.000 | 49.61 | 3.13 | 52.74 | -15.46 | 68.20 | 100 | 0 | Peak |
| 2 | * | 15690.000 | 57.00 | 4.95 | 61.95 | -12.05 | 74.00 | 200 | 191 | Peak |
| 3 | * | 15690.000 | 47.52 | 4.95 | 52.47 | -1.53 | 54.00 | 200 | 191 | Average |

Note:

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

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 46_ANT 1+2 | Test Voltage | AC 120V/60Hz |

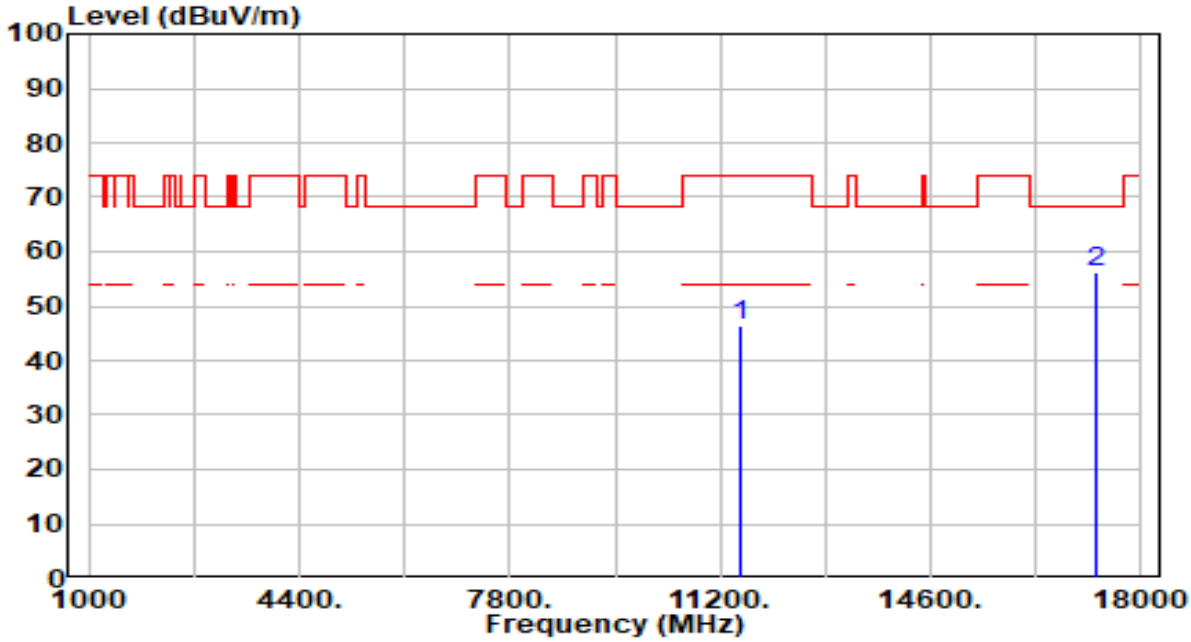



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10460.000 | 47.07 | 3.13 | 50.20 | -18.00 | 68.20 | 100 | 50 | Peak |
| 2 | * | 15690.000 | 53.60 | 4.95 | 58.55 | -15.45 | 74.00 | 100 | 41 | Peak |
| 3 | * | 15690.000 | 43.49 | 4.95 | 48.44 | -5.56 | 54.00 | 100 | 41 | Average |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

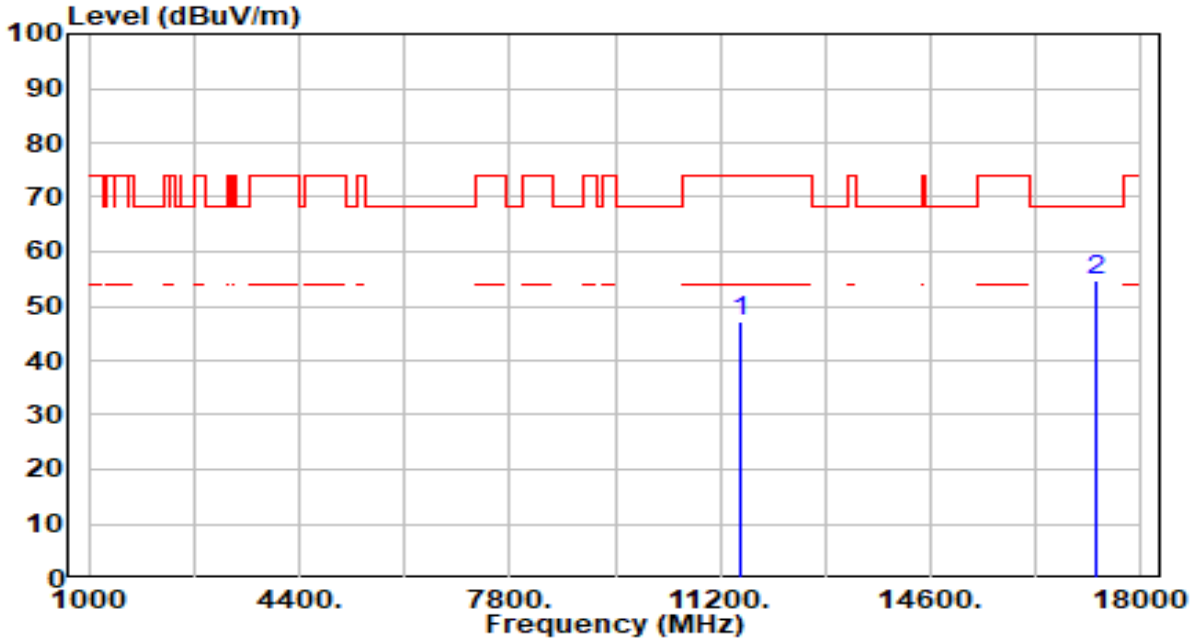



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11510.000 | 42.66 | 3.93 | 46.58 | -27.42 | 74.00 | 200 | 230 | Peak |
| 2 | * | 17265.000 | 52.15 | 3.99 | 56.15 | -12.05 | 68.20 | 200 | 0 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

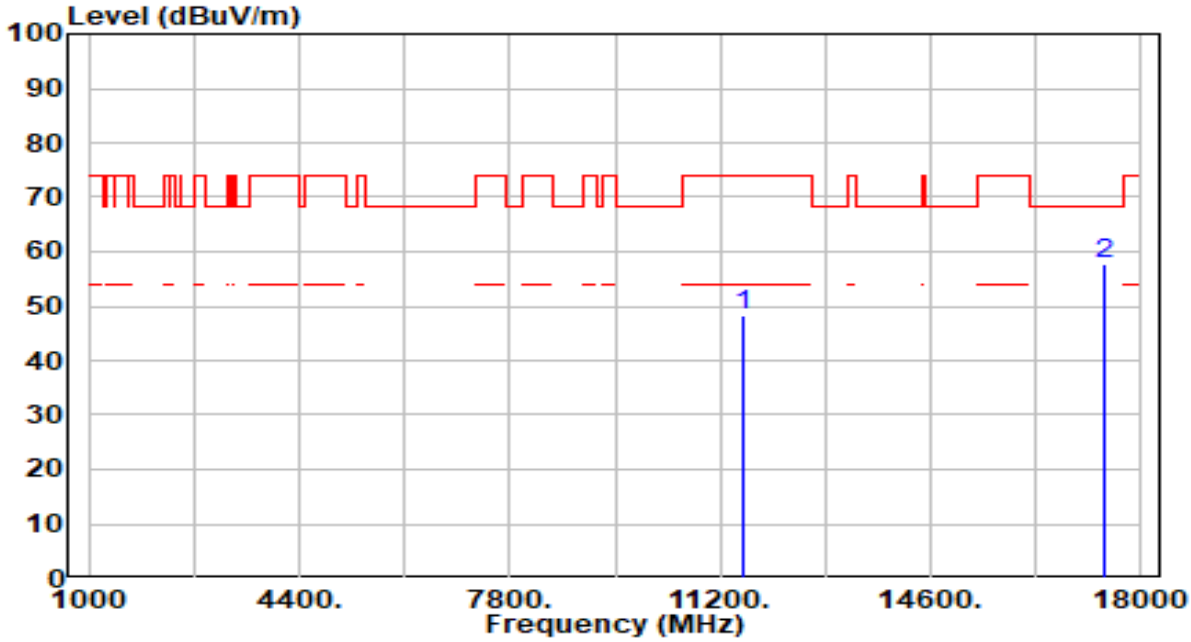



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11510.000 | 43.19 | 3.93 | 47.12 | -26.88 | 74.00 | 100 | 240 | Peak |
| 2 | * | 17265.000 | 50.64 | 3.99 | 54.63 | -13.57 | 68.20 | 100 | 295 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

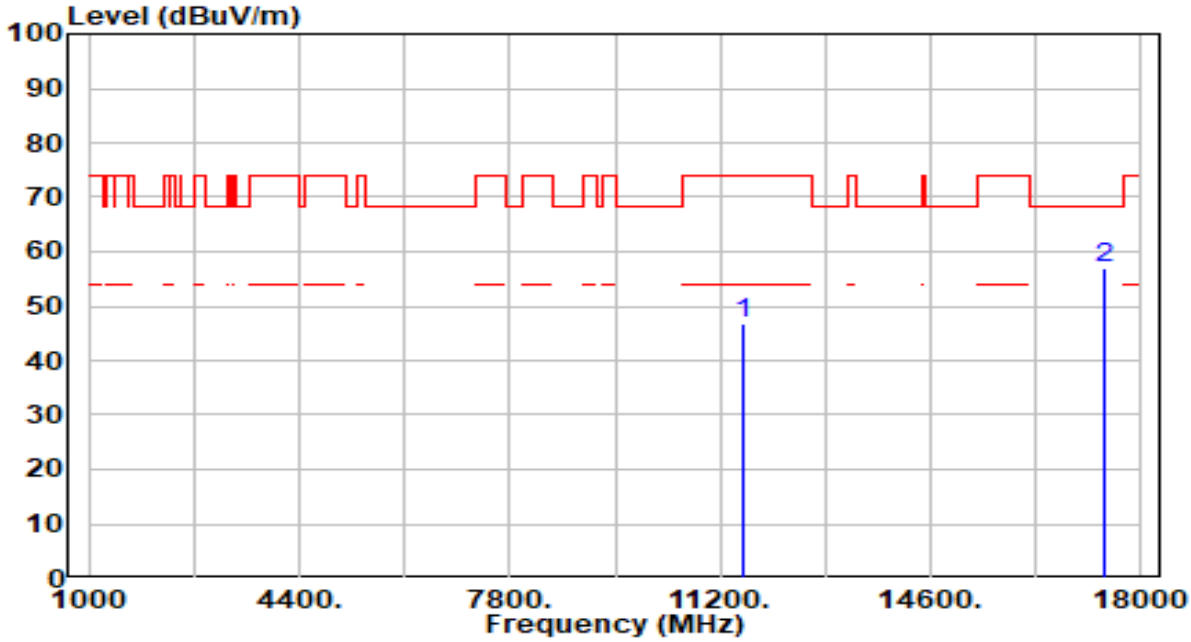



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11590.000 | 44.16 | 3.95 | 48.11 | -25.89 | 74.00 | 200 | 360 | Peak |
| 2 | * | 17385.000 | 54.11 | 3.71 | 57.82 | -10.38 | 68.20 | 200 | 160 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

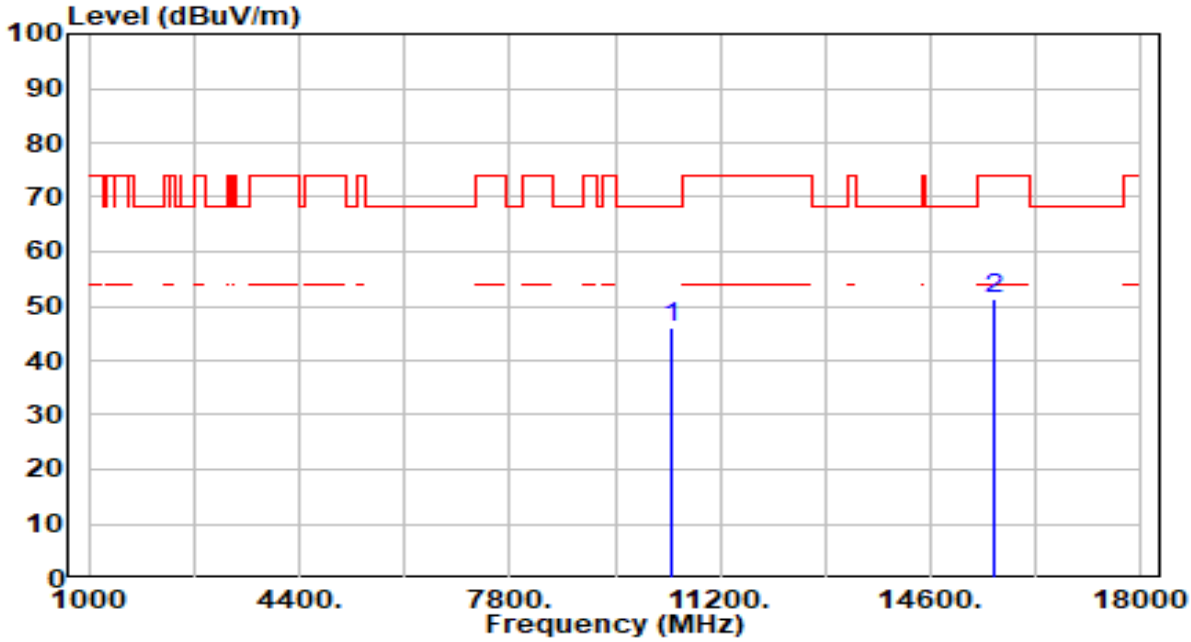



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11590.000 | 42.87 | 3.95 | 46.82 | -27.18 | 74.00 | 100 | 115 | Peak |
| 2 | * | 17385.000 | 53.15 | 3.71 | 56.86 | -11.34 | 68.20 | 100 | 155 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |

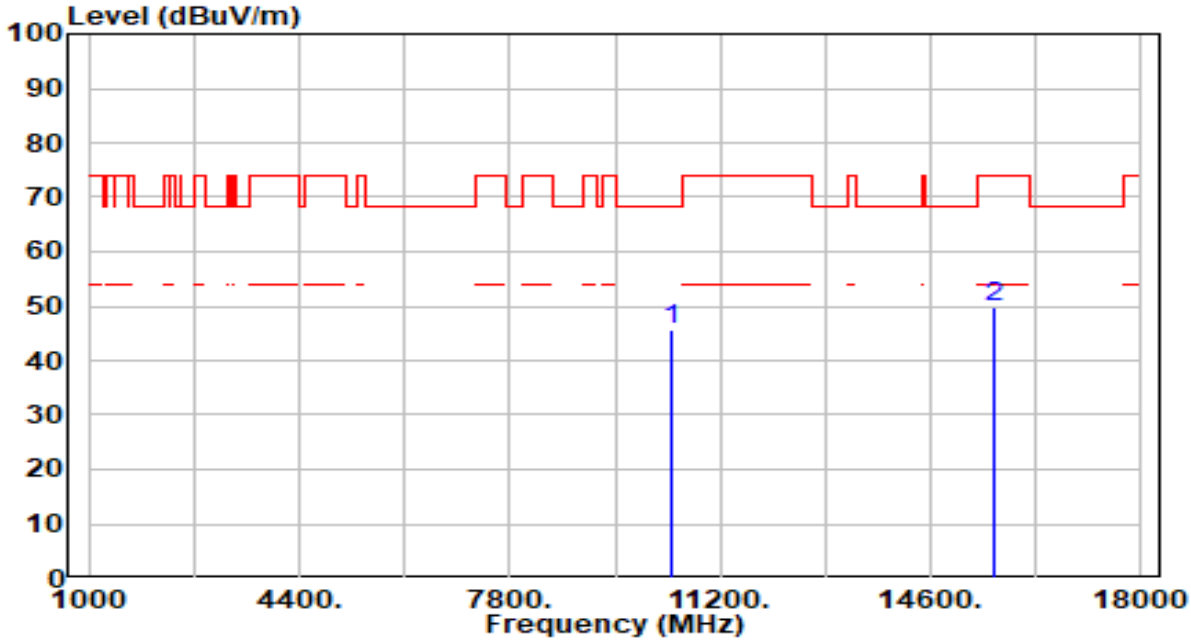



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 10420.000 | 42.84 | 3.16 | 46.00 | -22.20 | 68.20 | 200 | 345 | Peak |
| 2 | | 15630.000 | 46.33 | 4.82 | 51.16 | -22.84 | 74.00 | 200 | 115 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |

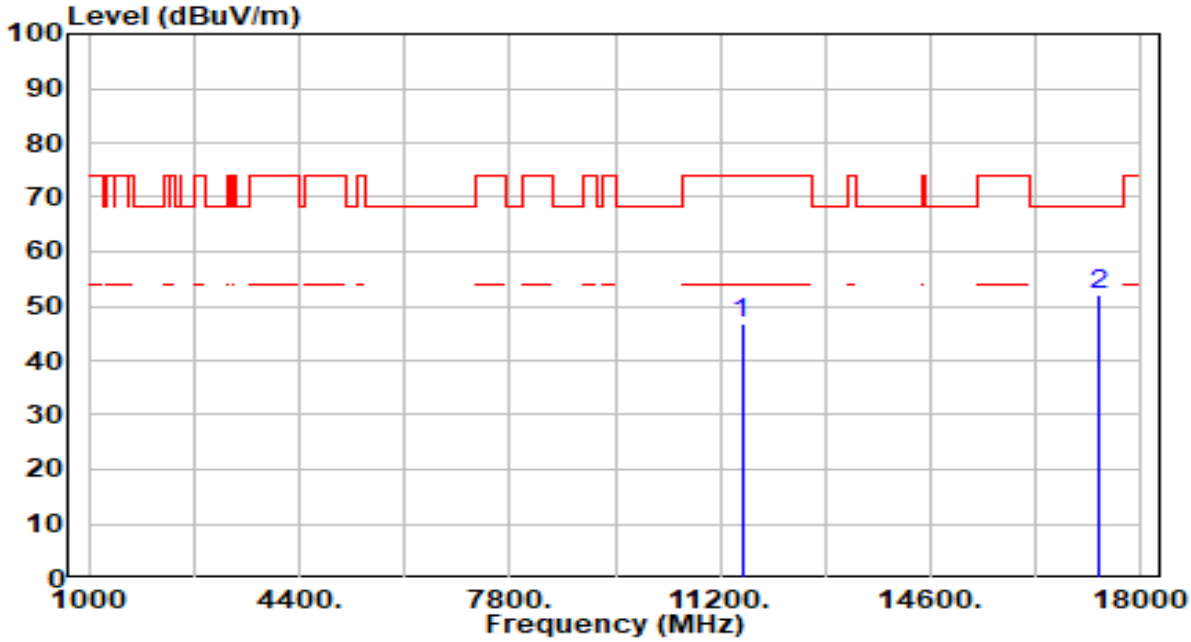



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 10420.000 | 42.36 | 3.16 | 45.52 | -22.68 | 68.20 | 100 | 5 | Peak |
| 2 | | 15630.000 | 44.94 | 4.82 | 49.76 | -24.24 | 74.00 | 100 | 215 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 155_ANT 1+2 | Test Voltage | AC 120V/60Hz |

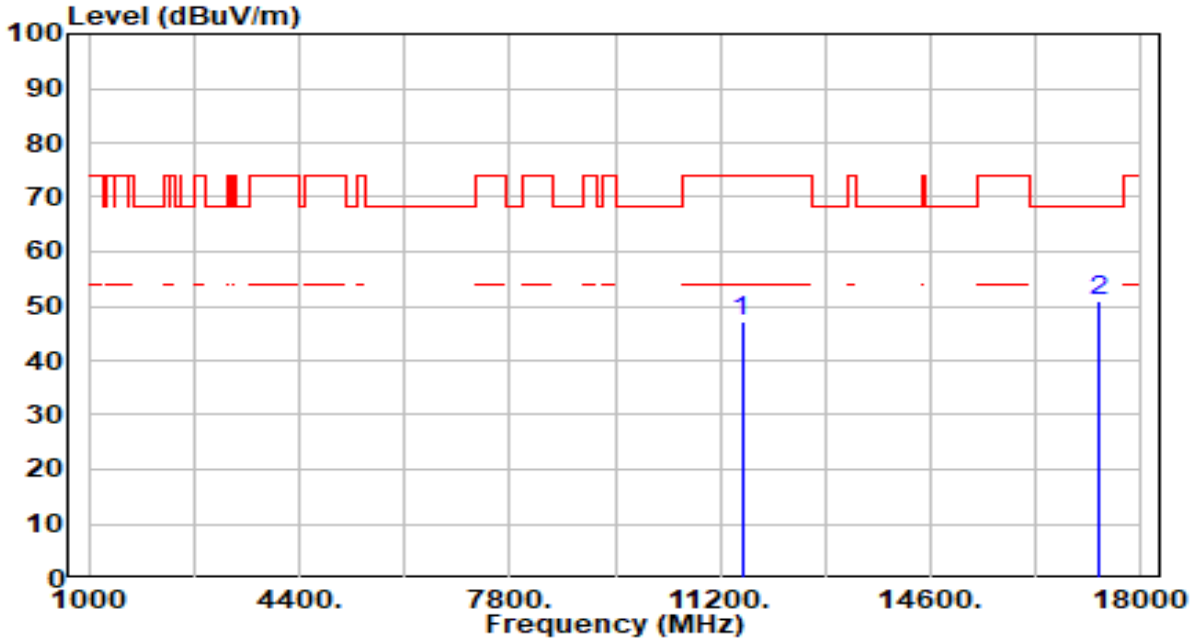



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11550.000 | 42.82 | 3.94 | 46.76 | -27.24 | 74.00 | 200 | 160 | Peak |
| 2 | * | 17325.000 | 48.16 | 3.85 | 52.01 | -16.19 | 68.20 | 200 | 355 | Peak |

Note:

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

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 155_ANT 1+2 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 11550.000 | 43.19 | 3.94 | 47.13 | -26.87 | 74.00 | 100 | 260 | Peak |
| 2 | * | 17325.000 | 47.13 | 3.85 | 50.98 | -17.22 | 68.20 | 100 | 75 | Peak |

Note:

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

## 7.8. Radiated Restricted Band Edge Measurement

### 7.8.1. 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 | 8.25 - 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 - 156.525 | 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 | -- | -- | -- |

**For 15.407(b) requirement:**

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing

linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission 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 |

### 7.8.2. Test Procedure Used

KDB 789033 D02v02r01- Section II) G

### 7.8.3. Test Setting

**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 ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

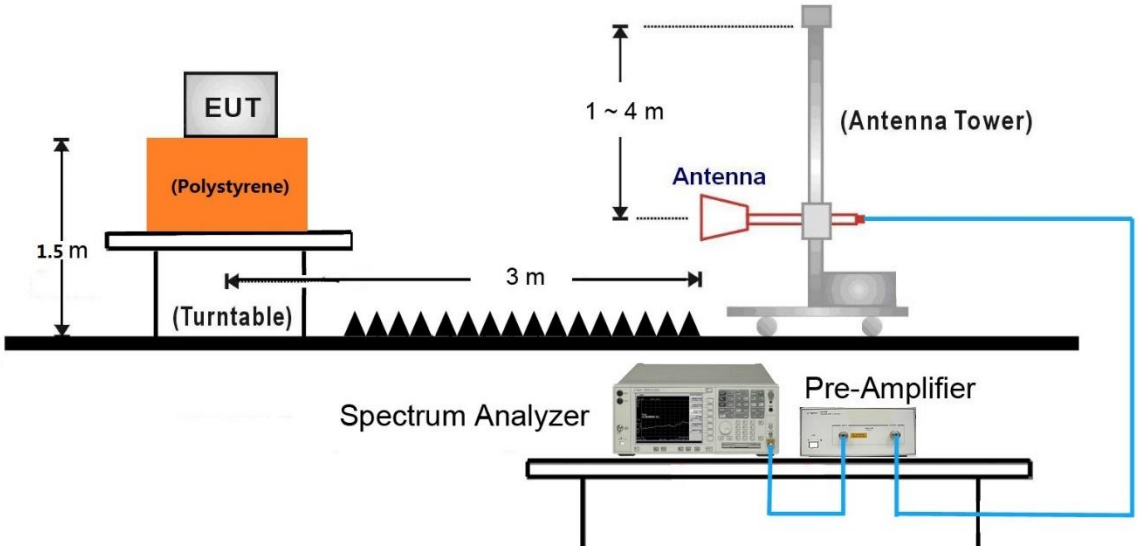
4. Detector = Peak

5. Sweep time = auto

6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

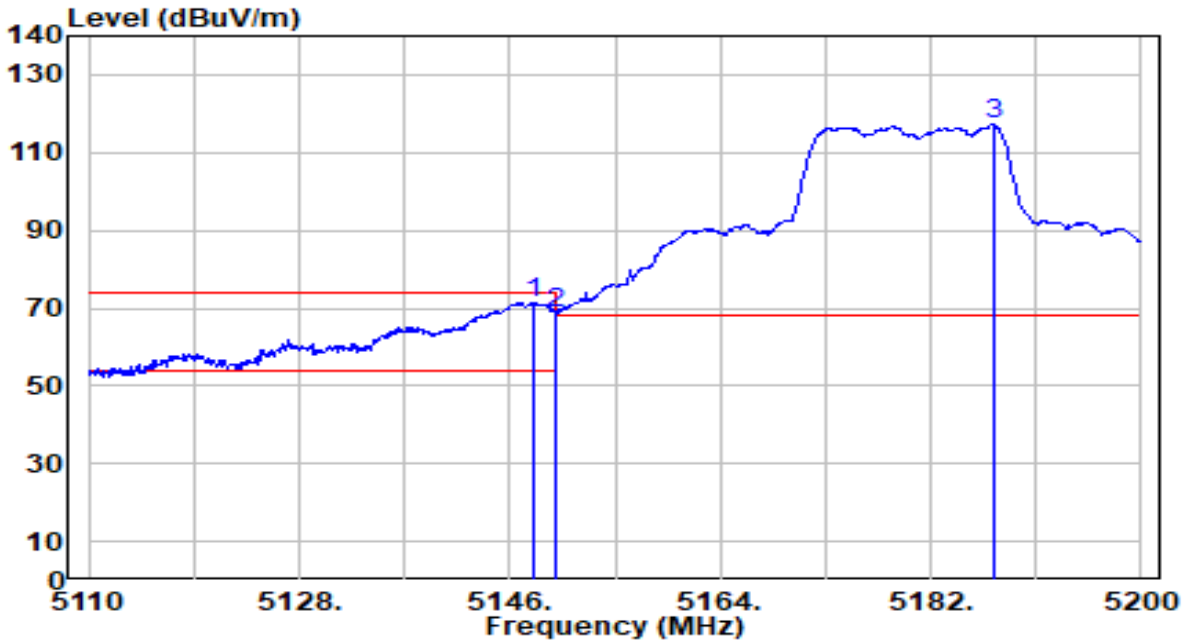
### 7.8.4. Test Setup

1GHz ~18GHz Test Setup:



### 7.8.5. Test Result

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

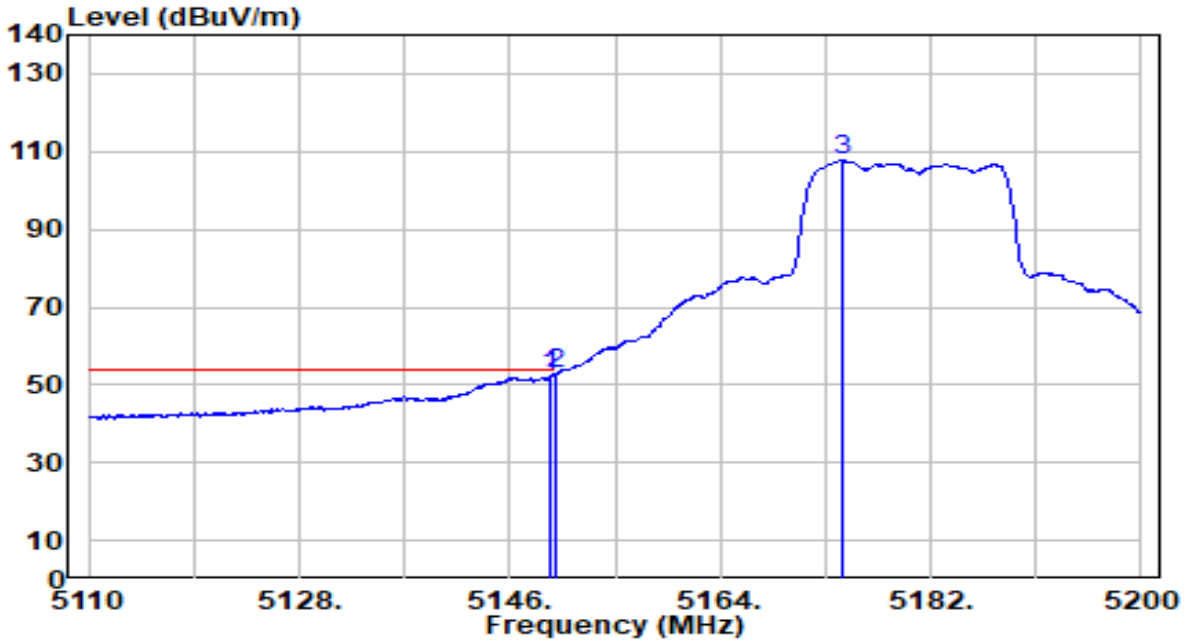



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5148.070 | 72.18 | -0.73 | 71.45 | -2.55 | 74.00 | 300 | 206 | Peak |
| 2 | | 5150.000 | 69.64 | -0.73 | 68.91 | -5.09 | 74.00 | 300 | 206 | Peak |
| 3 | | 5187.400 | 117.95 | -0.69 | 117.26 | N/A | N/A | 300 | 206 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

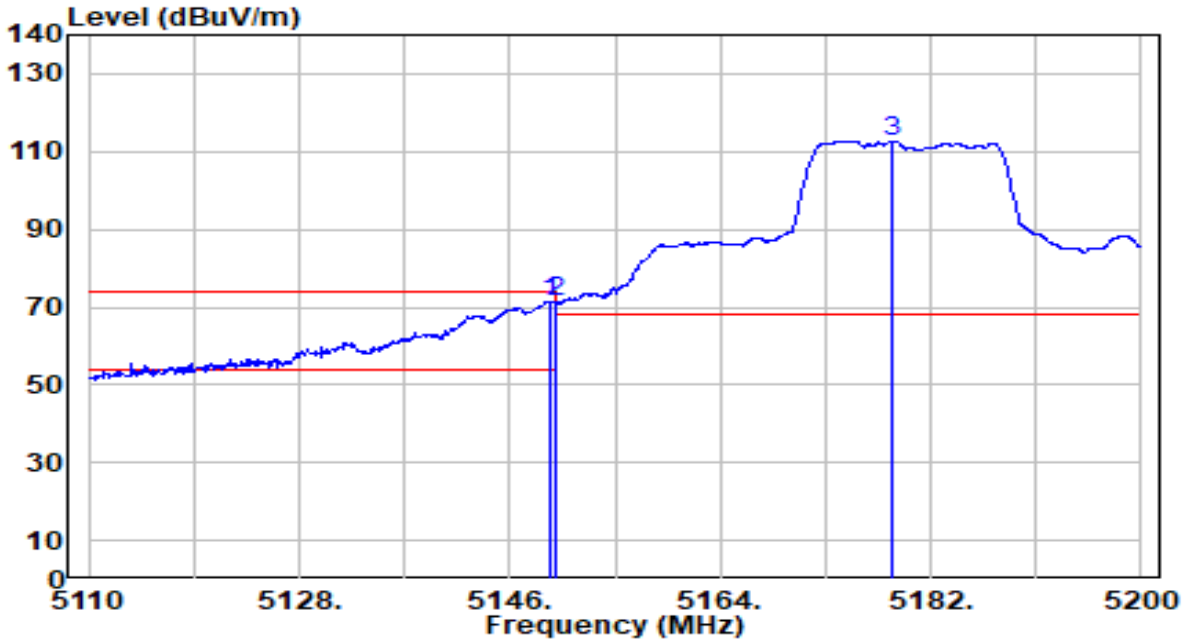



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5149.420 | 53.23 | -0.73 | 52.51 | -1.49 | 54.00 | 300 | 206 | Average |
| 2 | * | 5150.000 | 53.65 | -0.73 | 52.92 | -1.08 | 54.00 | 300 | 206 | Average |
| 3 | | 5174.440 | 108.52 | -0.70 | 107.82 | N/A | N/A | 300 | 206 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

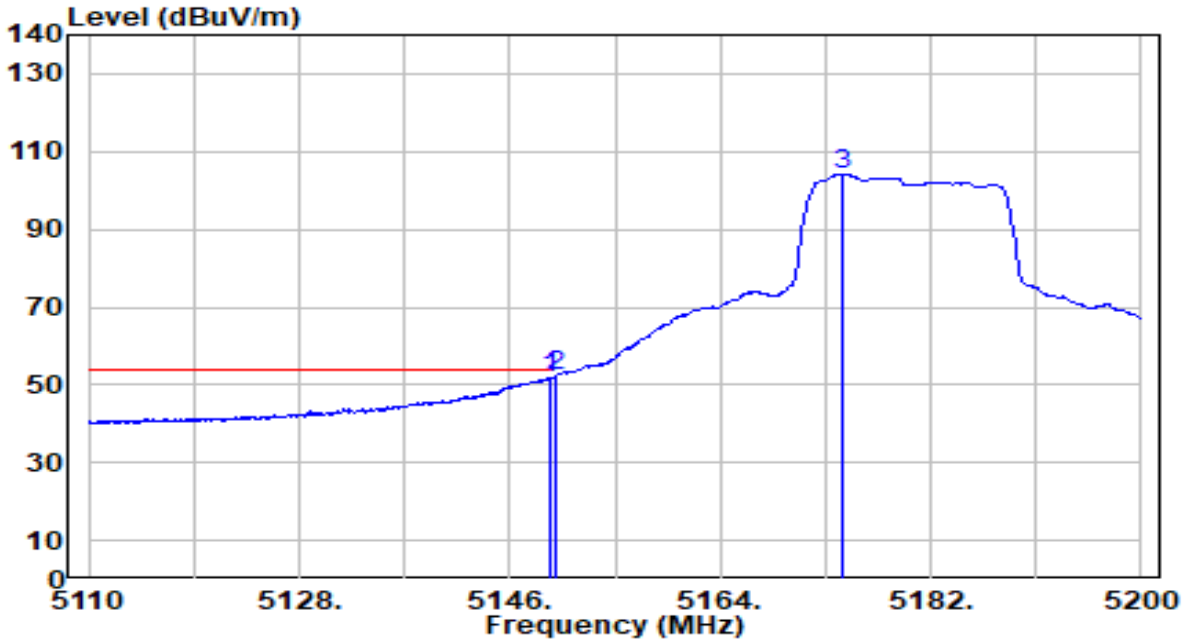



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.420 | 72.29 | -0.73 | 71.56 | -2.44 | 74.00 | 400 | 94 | Peak |
| 2 | | 5150.000 | 72.02 | -0.73 | 71.29 | -2.71 | 74.00 | 400 | 94 | Peak |
| 3 | | 5178.760 | 113.46 | -0.70 | 112.76 | N/A | N/A | 400 | 94 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

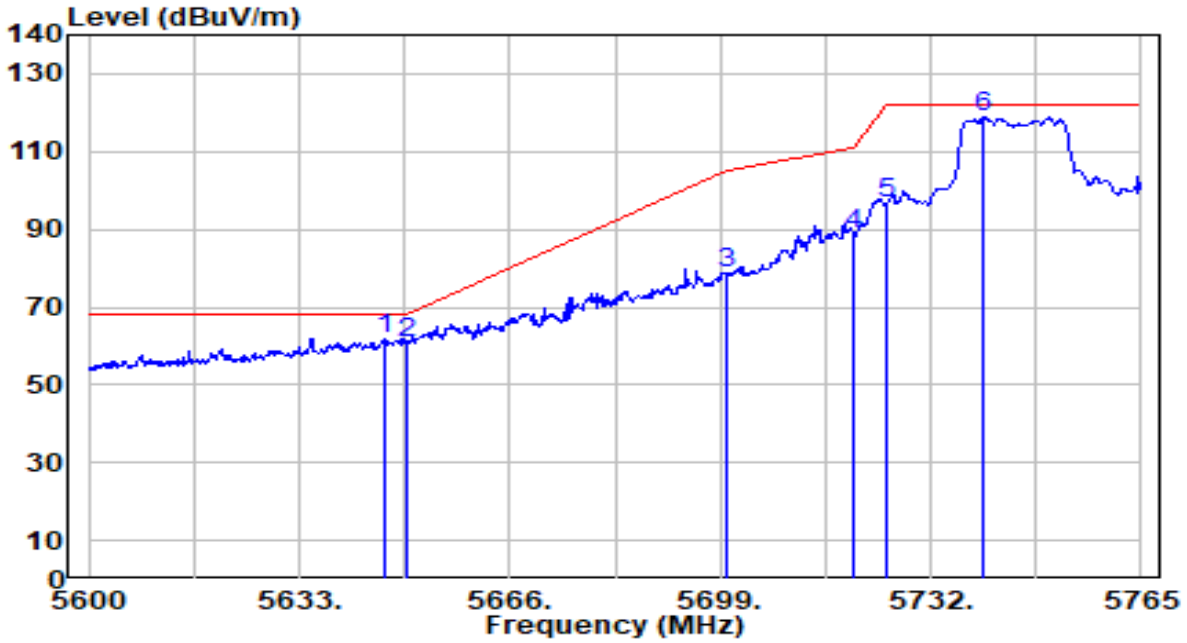



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5149.420 | 52.48 | -0.73 | 51.75 | -2.25 | 54.00 | 400 | 94 | Average |
| 2 | * | 5150.000 | 53.09 | -0.73 | 52.36 | -1.64 | 54.00 | 400 | 94 | Average |
| 3 | | 5174.350 | 105.03 | -0.70 | 104.33 | N/A | N/A | 400 | 94 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

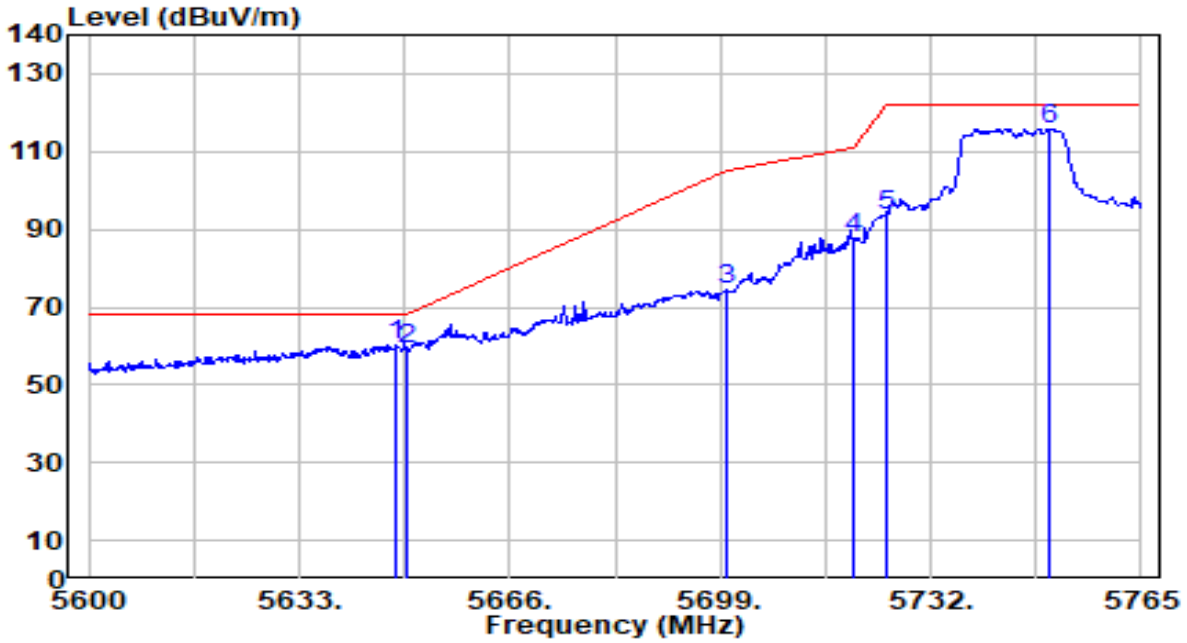



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5646.530 | 62.16 | -0.09 | 62.07 | -6.13 | 68.20 | 300 | 205 | Peak |
| 2 | | 5650.000 | 61.07 | -0.08 | 60.99 | -7.21 | 68.20 | 300 | 205 | Peak |
| 3 | | 5700.000 | 78.62 | 0.11 | 78.73 | -26.47 | 105.20 | 300 | 205 | Peak |
| 4 | | 5720.000 | 88.54 | 0.19 | 88.73 | -22.07 | 110.80 | 300 | 205 | Peak |
| 5 | | 5725.000 | 96.35 | 0.21 | 96.55 | -25.65 | 122.20 | 300 | 205 | Peak |
| 6 | | 5740.415 | 118.80 | 0.26 | 119.06 | N/A | N/A | 300 | 205 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

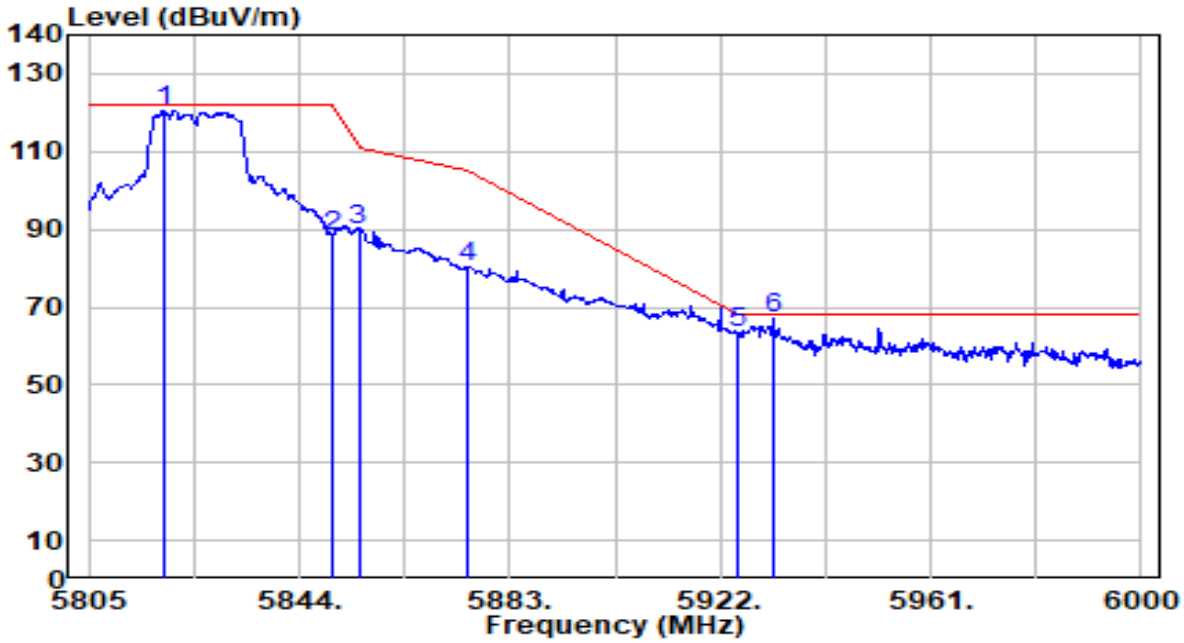



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5648.180 | 60.29 | -0.08 | 60.21 | -7.99 | 68.20 | 366 | 101 | Peak |
| 2 | | 5650.000 | 59.13 | -0.08 | 59.06 | -9.14 | 68.20 | 366 | 101 | Peak |
| 3 | | 5700.000 | 74.36 | 0.11 | 74.47 | -30.73 | 105.20 | 366 | 101 | Peak |
| 4 | | 5720.000 | 87.37 | 0.19 | 87.56 | -23.24 | 110.80 | 366 | 101 | Peak |
| 5 | | 5725.000 | 93.38 | 0.21 | 93.59 | -28.61 | 122.20 | 366 | 101 | Peak |
| 6 | | 5750.480 | 115.62 | 0.30 | 115.92 | N/A | N/A | 366 | 101 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

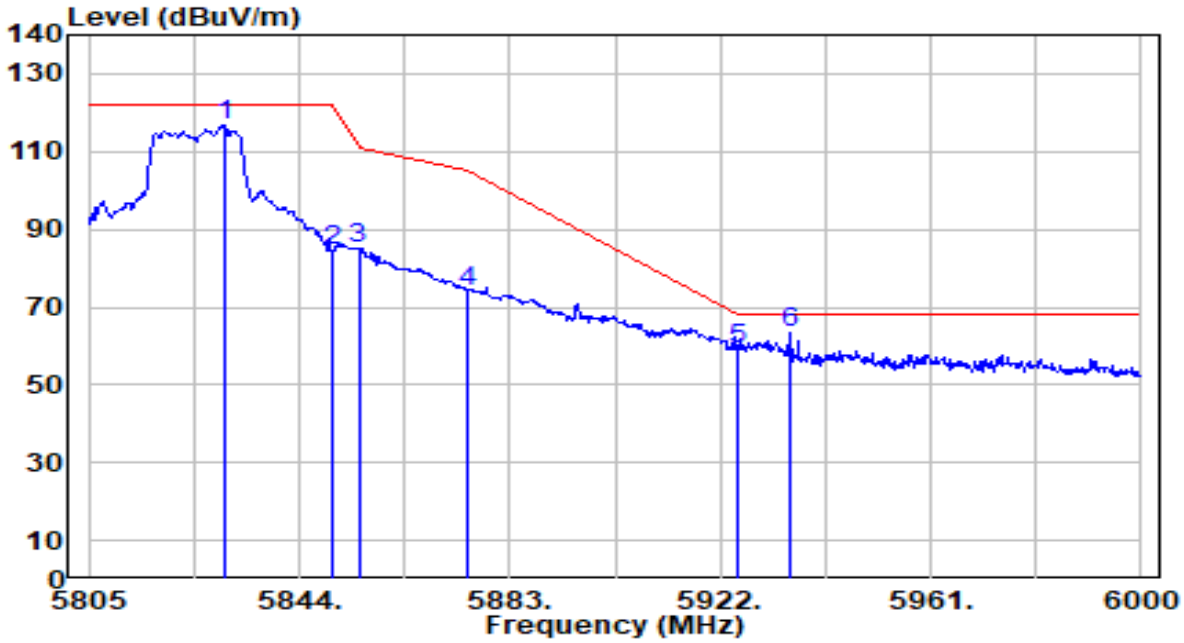



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5818.845 | 119.96 | 0.51 | 120.47 | N/A | N/A | 303 | 140 | Peak |
| 2 | | 5850.000 | 87.78 | 0.55 | 88.34 | -33.86 | 122.20 | 303 | 140 | Peak |
| 3 | | 5855.000 | 89.48 | 0.56 | 90.04 | -20.76 | 110.80 | 303 | 140 | Peak |
| 4 | | 5875.000 | 79.50 | 0.58 | 80.08 | -25.12 | 105.20 | 303 | 140 | Peak |
| 5 | | 5925.000 | 62.88 | 0.65 | 63.53 | -4.67 | 68.20 | 303 | 140 | Peak |
| 6 | * | 5931.750 | 66.41 | 0.65 | 67.07 | -1.13 | 68.20 | 303 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11a_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

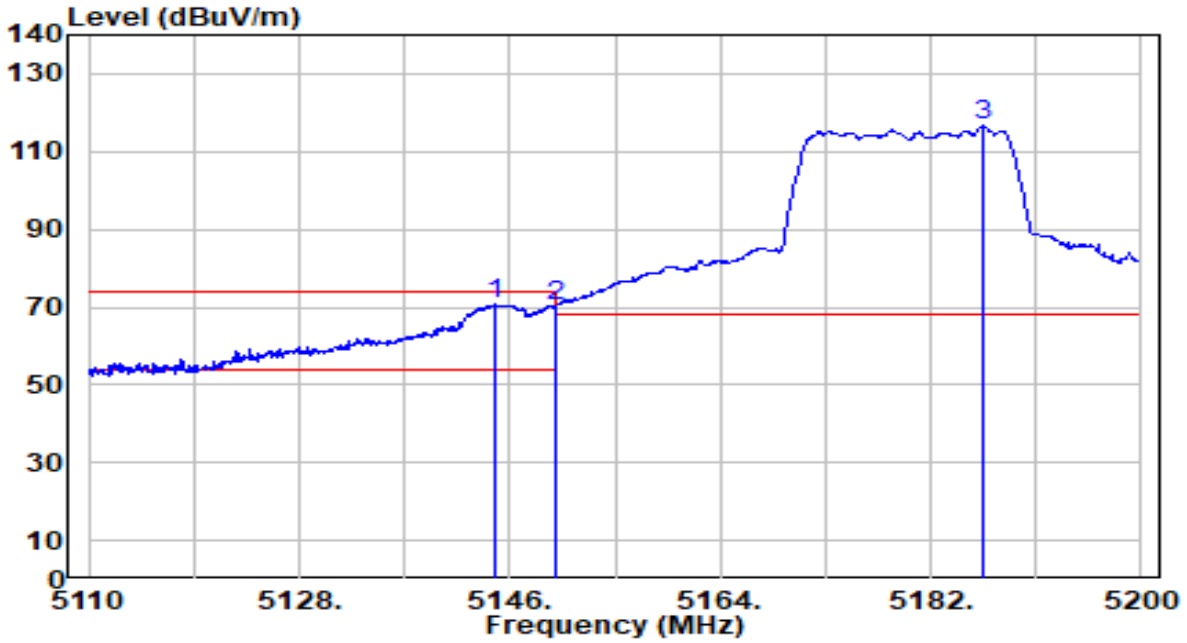



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5830.155 | 116.00 | 0.53 | 116.53 | N/A | N/A | 395 | 98 | Peak |
| 2 | | 5850.000 | 83.73 | 0.55 | 84.28 | -37.92 | 122.20 | 395 | 98 | Peak |
| 3 | | 5855.000 | 84.66 | 0.56 | 85.21 | -25.59 | 110.80 | 395 | 98 | Peak |
| 4 | | 5875.000 | 73.56 | 0.58 | 74.14 | -31.06 | 105.20 | 395 | 98 | Peak |
| 5 | | 5925.000 | 58.57 | 0.65 | 59.21 | -8.99 | 68.20 | 395 | 98 | Peak |
| 6 | * | 5935.065 | 62.75 | 0.66 | 63.40 | -4.80 | 68.20 | 395 | 98 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

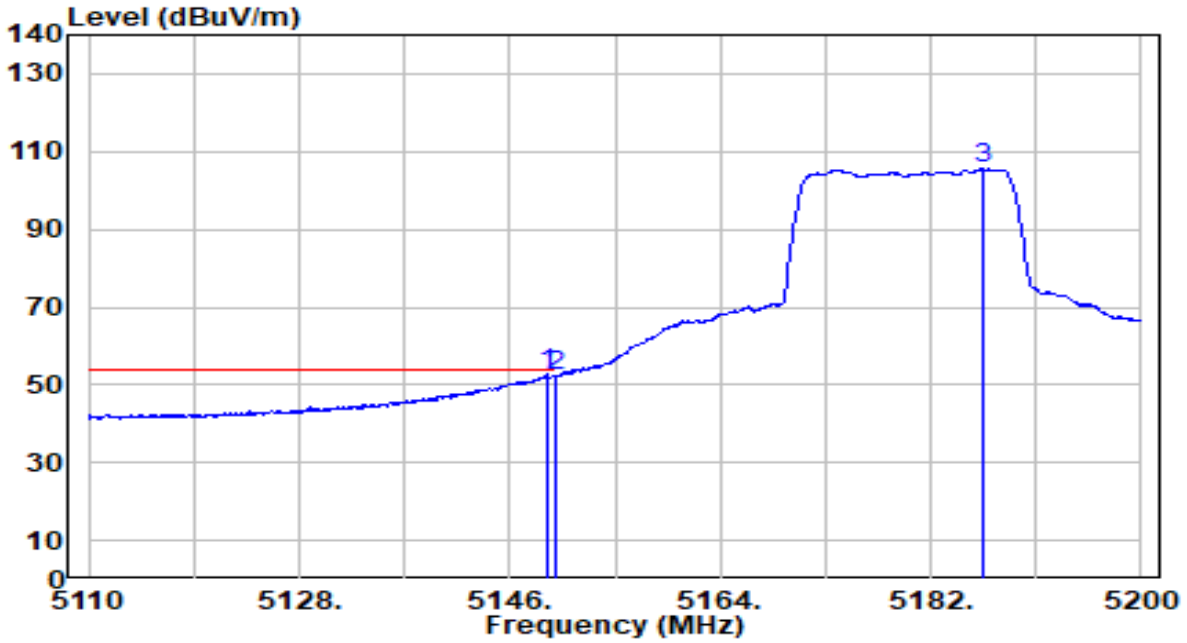



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5144.740 | 71.36 | -0.73 | 70.63 | -3.37 | 74.00 | 300 | 206 | Peak |
| 2 | | 5150.000 | 71.18 | -0.73 | 70.45 | -3.55 | 74.00 | 300 | 206 | Peak |
| 3 | | 5186.500 | 117.27 | -0.69 | 116.57 | N/A | N/A | 300 | 206 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

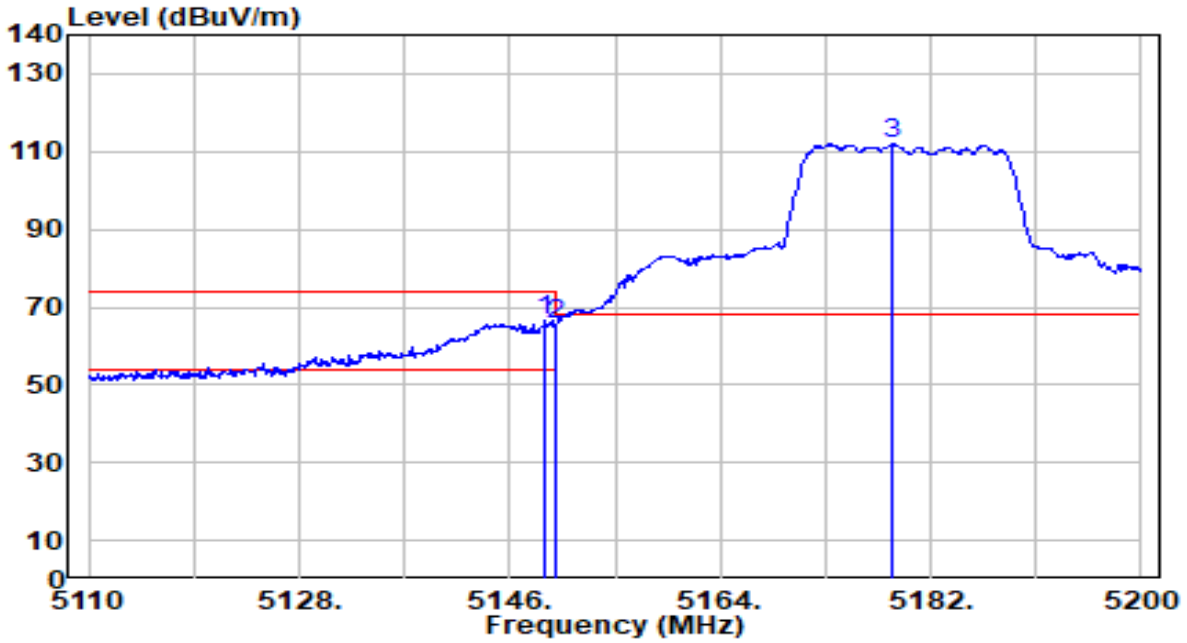



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.240 | 53.64 | -0.73 | 52.91 | -1.09 | 54.00 | 300 | 206 | Average |
| 2 | | 5150.000 | 53.02 | -0.73 | 52.29 | -1.71 | 54.00 | 300 | 206 | Average |
| 3 | | 5186.410 | 106.18 | -0.69 | 105.49 | N/A | N/A | 300 | 206 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

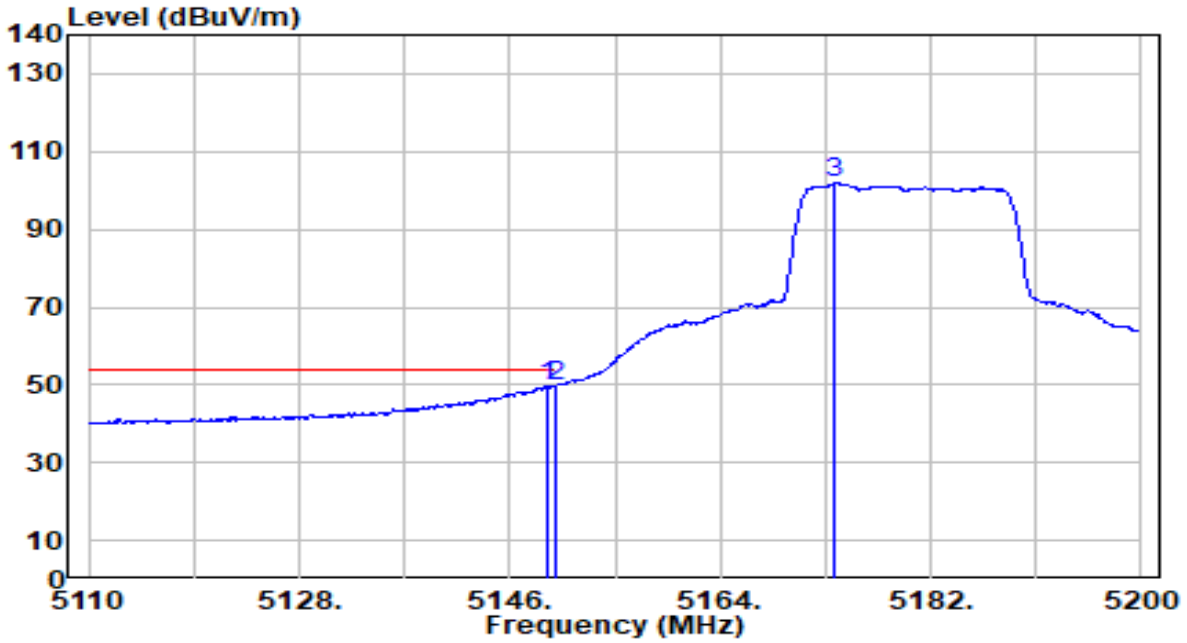



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.060 | 67.28 | -0.73 | 66.55 | -7.45 | 74.00 | 400 | 94 | Peak |
| 2 | | 5150.000 | 65.99 | -0.73 | 65.27 | -8.73 | 74.00 | 400 | 94 | Peak |
| 3 | | 5178.760 | 112.58 | -0.70 | 111.88 | N/A | N/A | 400 | 94 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

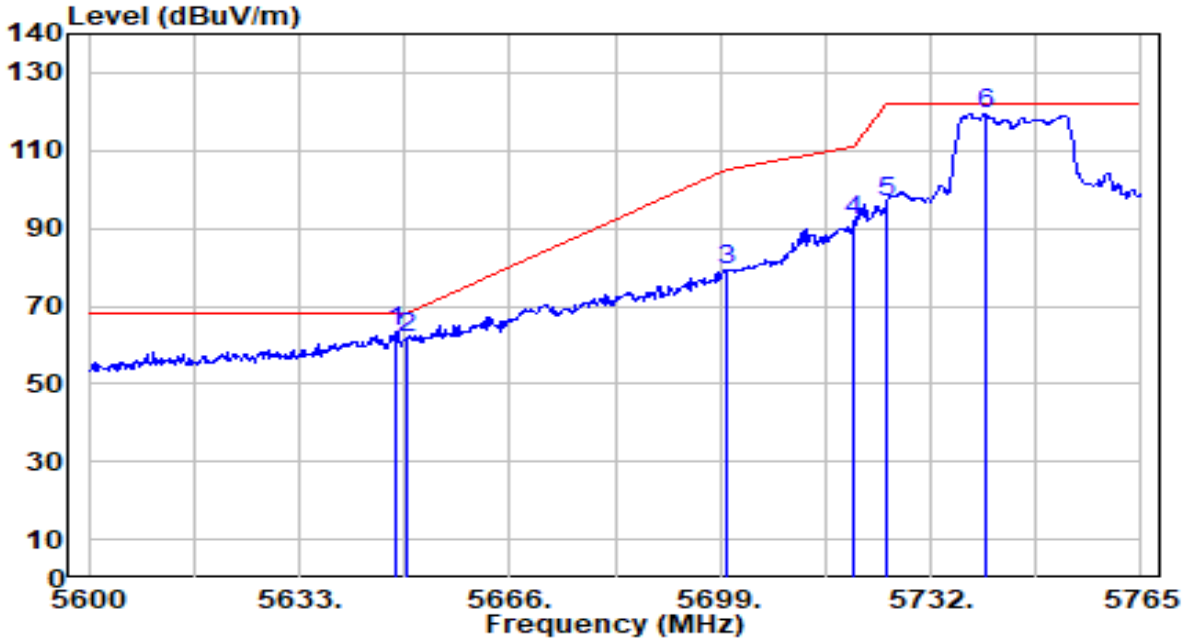



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5149.150 | 50.40 | -0.73 | 49.67 | -4.33 | 54.00 | 400 | 94 | Average |
| 2 | * | 5150.000 | 50.50 | -0.73 | 49.77 | -4.23 | 54.00 | 400 | 94 | Average |
| 3 | | 5173.810 | 102.70 | -0.70 | 102.00 | N/A | N/A | 400 | 94 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

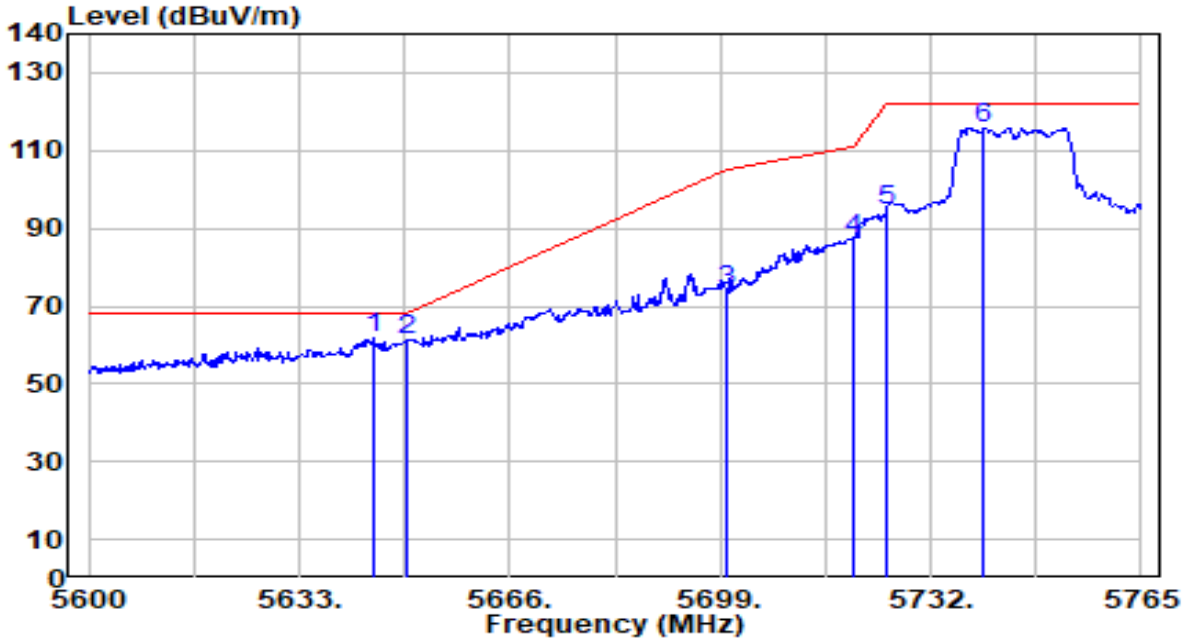



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5648.345 | 63.28 | -0.08 | 63.20 | -5.00 | 68.20 | 300 | 205 | Peak |
| 2 | | 5650.000 | 61.73 | -0.08 | 61.65 | -6.55 | 68.20 | 300 | 205 | Peak |
| 3 | | 5700.000 | 79.01 | 0.11 | 79.12 | -26.08 | 105.20 | 300 | 205 | Peak |
| 4 | | 5720.000 | 91.65 | 0.19 | 91.84 | -18.96 | 110.80 | 300 | 205 | Peak |
| 5 | | 5725.000 | 96.48 | 0.21 | 96.68 | -25.52 | 122.20 | 300 | 205 | Peak |
| 6 | | 5740.580 | 119.09 | 0.26 | 119.36 | N/A | N/A | 300 | 205 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

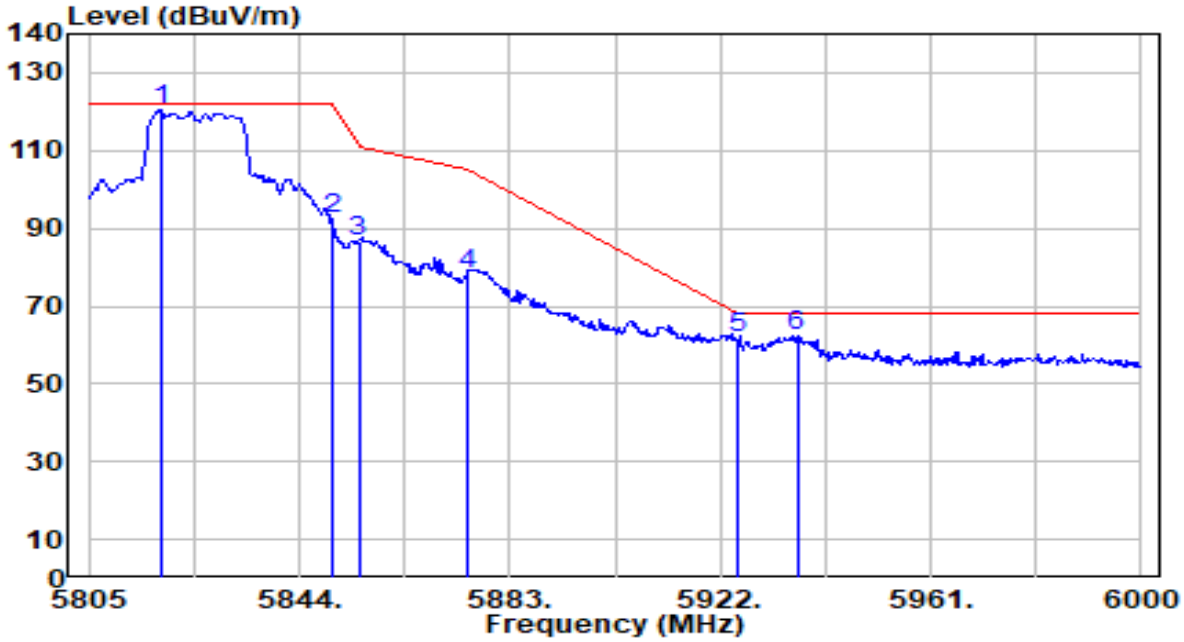



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5644.550 | 61.77 | -0.10 | 61.67 | -6.53 | 68.20 | 366 | 101 | Peak |
| 2 | | 5650.000 | 61.40 | -0.08 | 61.32 | -6.88 | 68.20 | 366 | 101 | Peak |
| 3 | | 5700.000 | 74.00 | 0.11 | 74.11 | -31.09 | 105.20 | 366 | 101 | Peak |
| 4 | | 5720.000 | 87.03 | 0.19 | 87.21 | -23.59 | 110.80 | 366 | 101 | Peak |
| 5 | | 5725.000 | 94.43 | 0.21 | 94.63 | -27.57 | 122.20 | 366 | 101 | Peak |
| 6 | | 5740.415 | 115.57 | 0.26 | 115.83 | N/A | N/A | 366 | 101 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

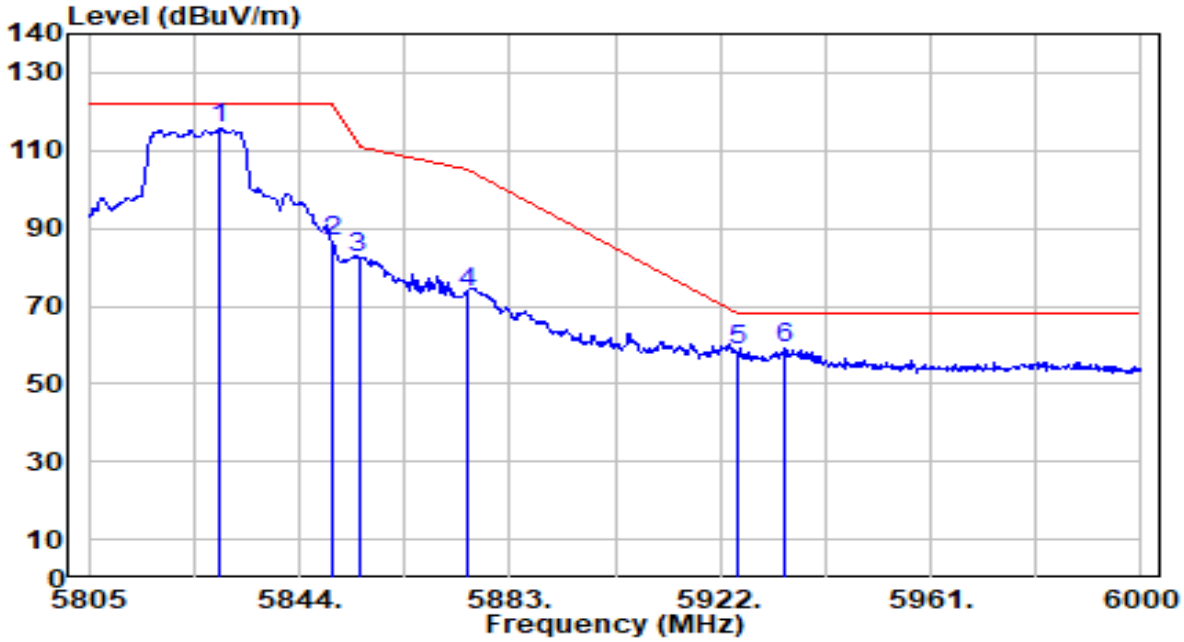



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5818.260 | 119.83 | 0.51 | 120.35 | N/A | N/A | 303 | 140 | Peak |
| 2 | | 5850.000 | 91.74 | 0.55 | 92.29 | -29.91 | 122.20 | 303 | 140 | Peak |
| 3 | | 5855.000 | 86.13 | 0.56 | 86.69 | -24.11 | 110.80 | 303 | 140 | Peak |
| 4 | | 5875.000 | 77.44 | 0.58 | 78.02 | -27.18 | 105.20 | 303 | 140 | Peak |
| 5 | | 5925.000 | 60.98 | 0.65 | 61.63 | -6.57 | 68.20 | 303 | 140 | Peak |
| 6 | * | 5936.235 | 61.91 | 0.66 | 62.57 | -5.63 | 68.20 | 303 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

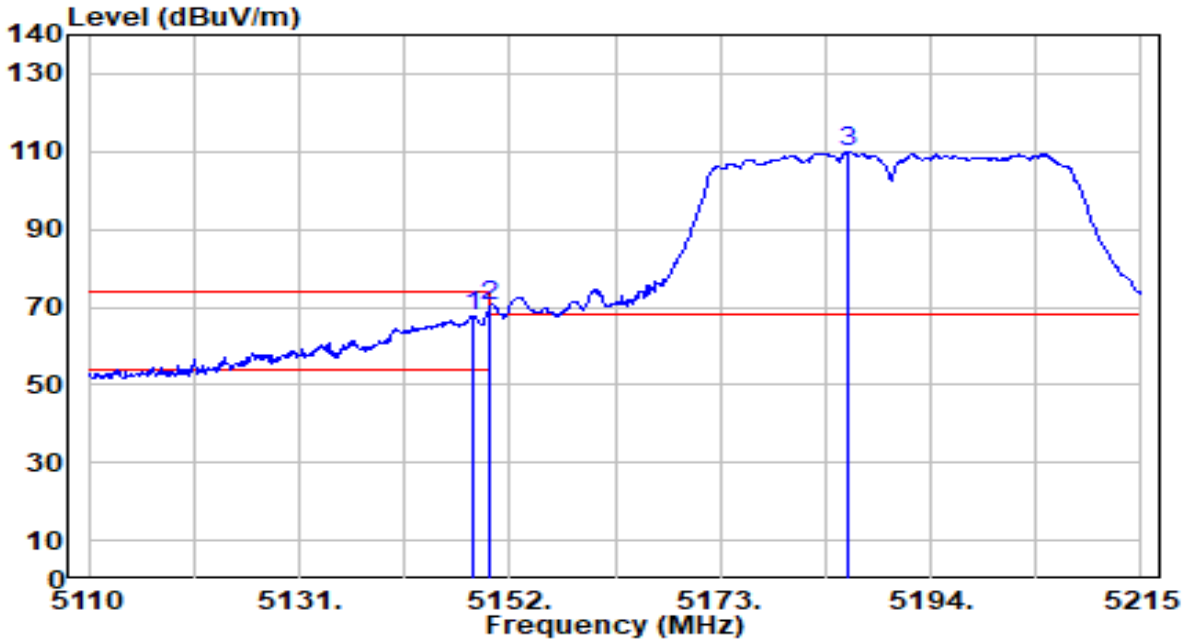



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5829.180 | 115.05 | 0.52 | 115.57 | N/A | N/A | 395 | 98 | Peak |
| 2 | | 5850.000 | 86.06 | 0.55 | 86.61 | -35.59 | 122.20 | 395 | 98 | Peak |
| 3 | | 5855.000 | 82.08 | 0.56 | 82.63 | -28.17 | 110.80 | 395 | 98 | Peak |
| 4 | | 5875.000 | 72.79 | 0.58 | 73.37 | -31.83 | 105.20 | 395 | 98 | Peak |
| 5 | | 5925.000 | 57.75 | 0.65 | 58.39 | -9.81 | 68.20 | 395 | 98 | Peak |
| 6 | * | 5933.700 | 58.43 | 0.66 | 59.08 | -9.12 | 68.20 | 395 | 98 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

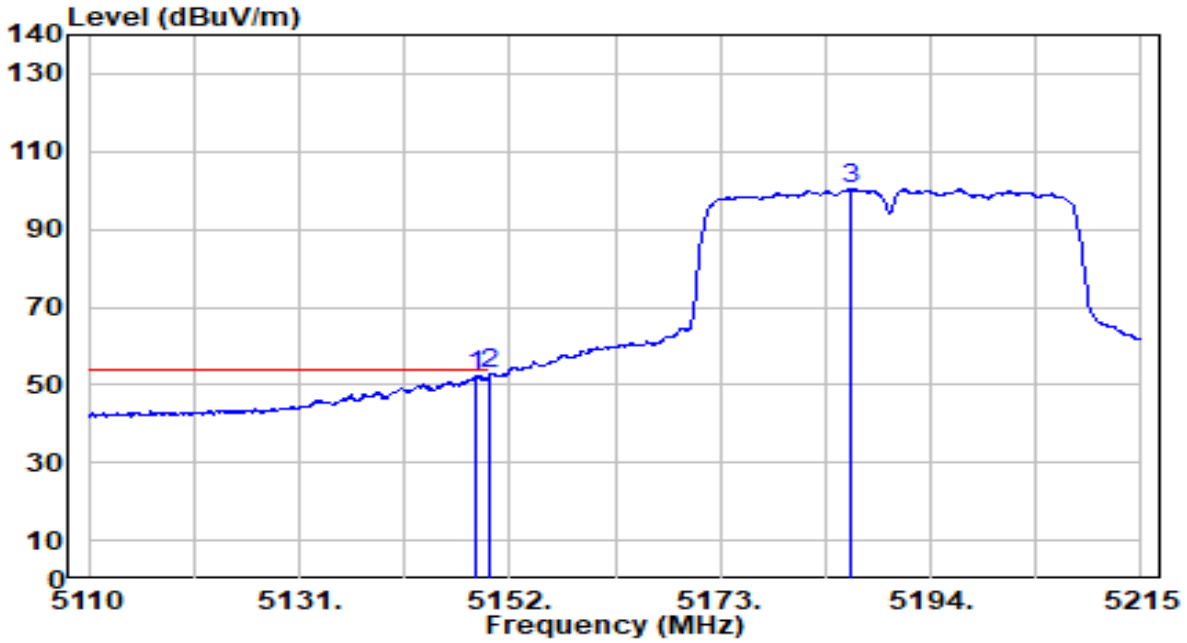



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5148.220 | 68.60 | -0.73 | 67.88 | -6.12 | 74.00 | 300 | 206 | Peak |
| 2 | * | 5150.000 | 70.84 | -0.73 | 70.11 | -3.89 | 74.00 | 300 | 206 | Peak |
| 3 | | 5185.810 | 110.53 | -0.69 | 109.84 | N/A | N/A | 300 | 206 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

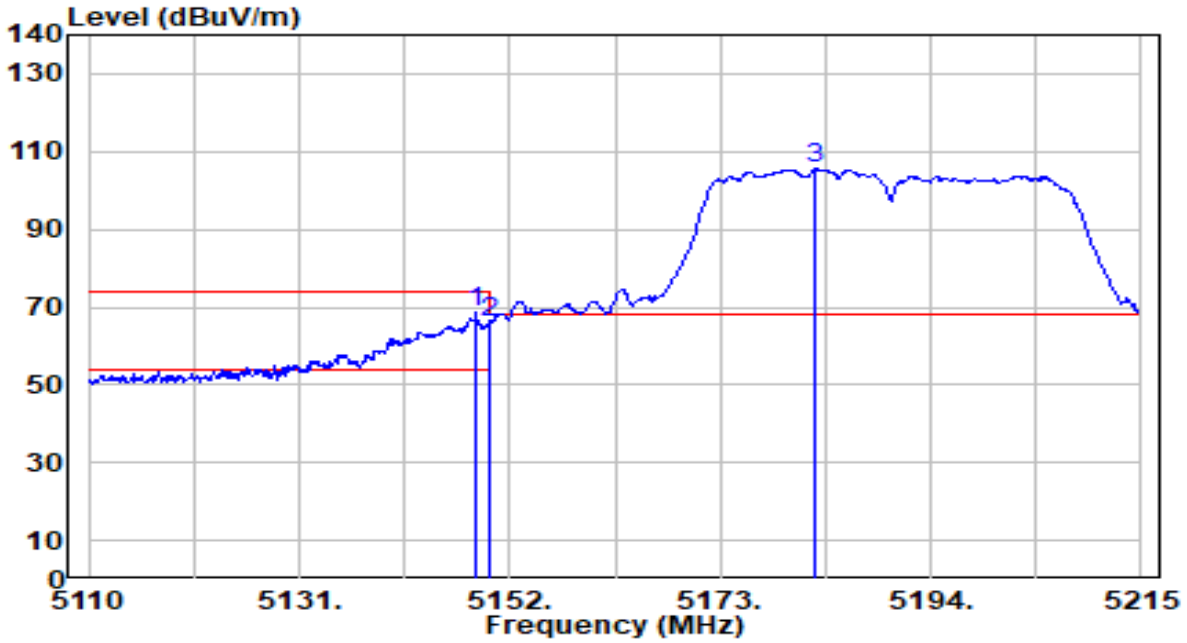



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5148.535 | 52.99 | -0.73 | 52.26 | -1.74 | 54.00 | 300 | 206 | Average |
| 2 | * | 5150.000 | 53.64 | -0.73 | 52.92 | -1.08 | 54.00 | 300 | 206 | Average |
| 3 | | 5185.915 | 101.08 | -0.69 | 100.39 | N/A | N/A | 300 | 206 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

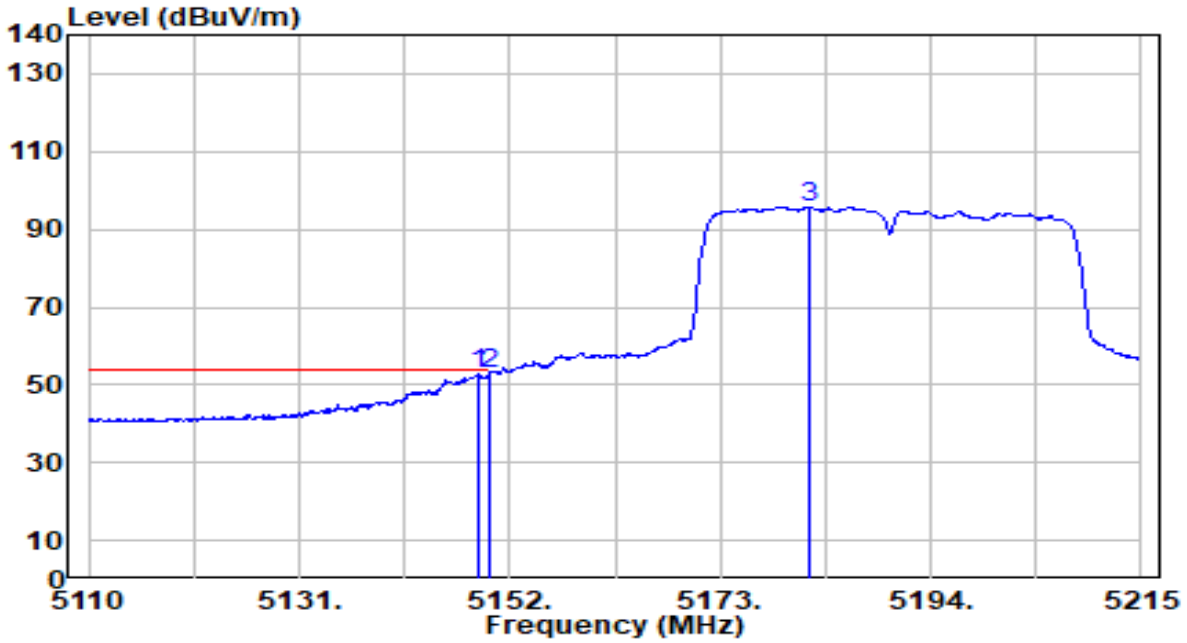



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5148.640 | 69.37 | -0.73 | 68.64 | -5.36 | 74.00 | 400 | 94 | Peak |
| 2 | | 5150.000 | 66.97 | -0.73 | 66.25 | -7.75 | 74.00 | 400 | 94 | Peak |
| 3 | | 5182.555 | 106.12 | -0.69 | 105.42 | N/A | N/A | 400 | 94 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

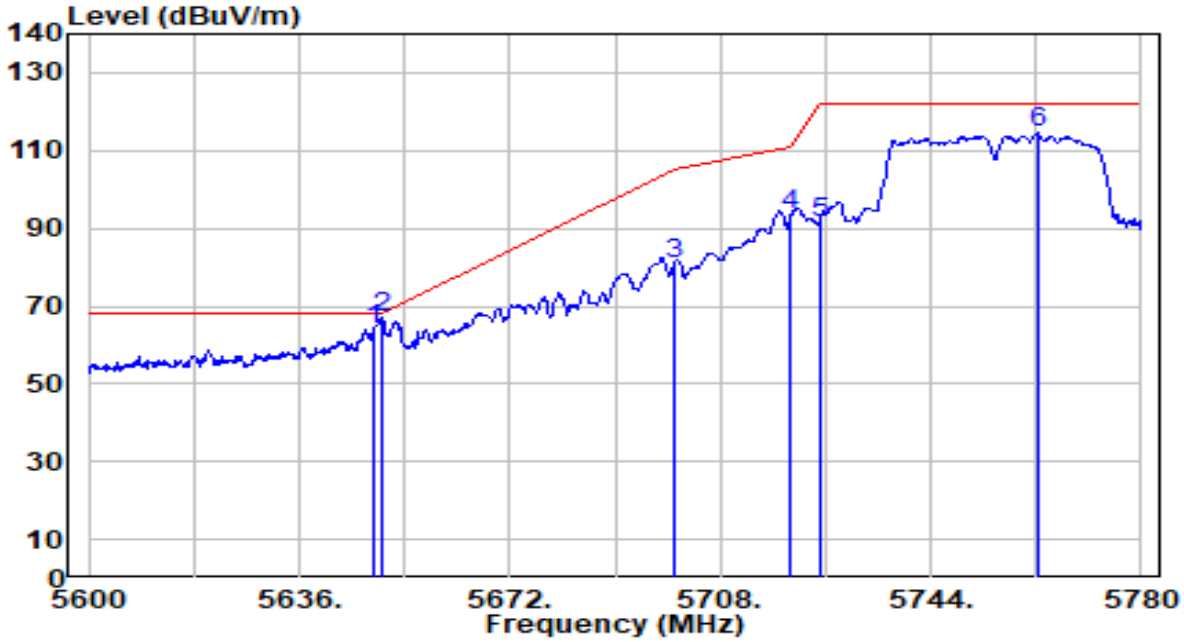



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5148.955 | 53.47 | -0.73 | 52.74 | -1.26 | 54.00 | 400 | 94 | Average |
| 2 | * | 5150.000 | 53.69 | -0.73 | 52.96 | -1.04 | 54.00 | 400 | 94 | Average |
| 3 | | 5181.925 | 96.51 | -0.70 | 95.82 | N/A | N/A | 400 | 94 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

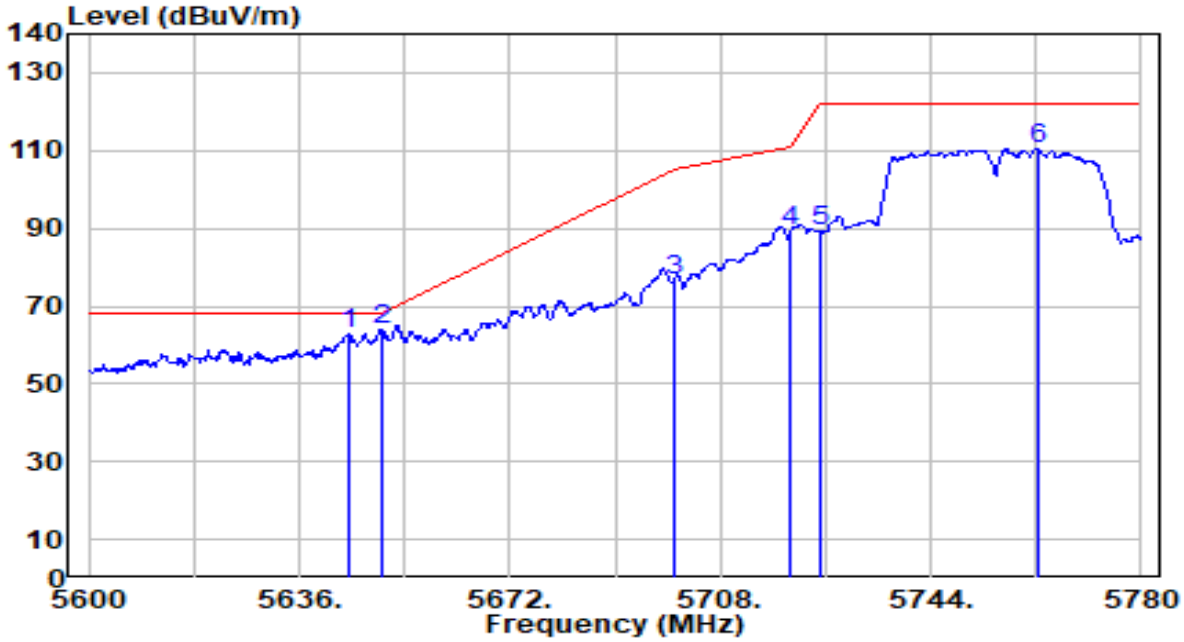



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5648.960 | 64.08 | -0.08 | 64.00 | -4.20 | 68.20 | 300 | 205 | Peak |
| 2 | * | 5650.000 | 67.25 | -0.08 | 67.17 | -1.03 | 68.20 | 300 | 205 | Peak |
| 3 | | 5700.000 | 80.63 | 0.11 | 80.74 | -24.46 | 105.20 | 300 | 205 | Peak |
| 4 | | 5720.000 | 93.08 | 0.19 | 93.26 | -17.54 | 110.80 | 300 | 205 | Peak |
| 5 | | 5725.000 | 91.01 | 0.21 | 91.22 | -30.98 | 122.20 | 300 | 205 | Peak |
| 6 | | 5762.180 | 114.07 | 0.35 | 114.41 | N/A | N/A | 300 | 205 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

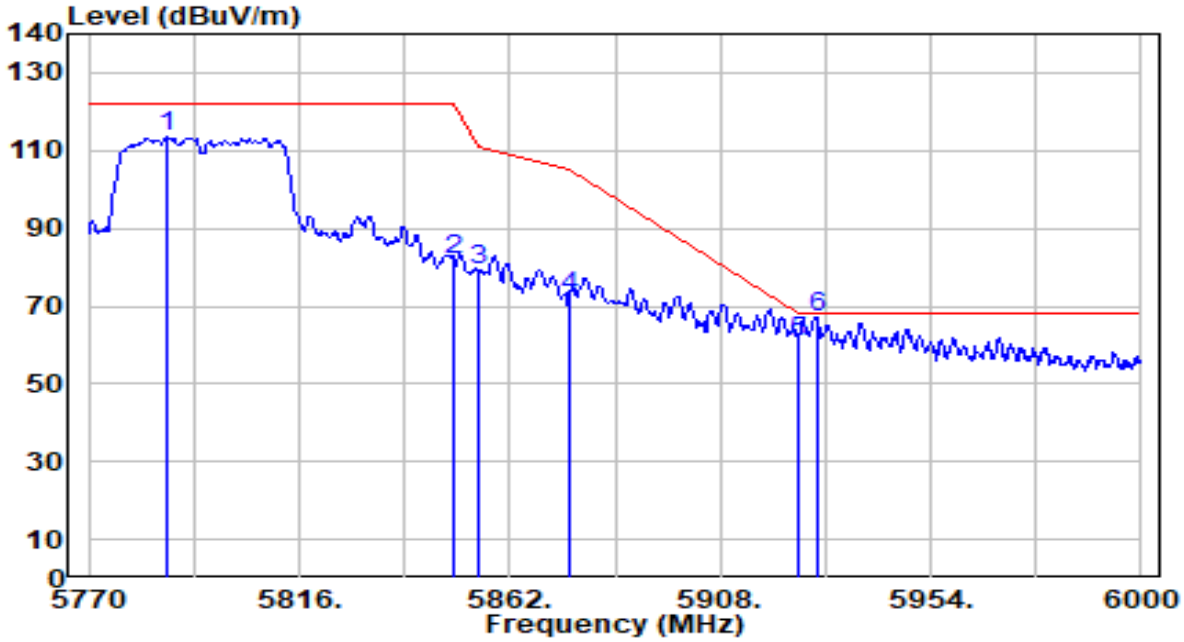



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5644.460 | 63.11 | -0.10 | 63.01 | -5.19 | 68.20 | 366 | 101 | Peak |
| 2 | * | 5650.000 | 64.05 | -0.08 | 63.98 | -4.22 | 68.20 | 366 | 101 | Peak |
| 3 | | 5700.000 | 76.31 | 0.11 | 76.43 | -28.77 | 105.20 | 366 | 101 | Peak |
| 4 | | 5720.000 | 89.22 | 0.19 | 89.41 | -21.39 | 110.80 | 366 | 101 | Peak |
| 5 | | 5725.000 | 89.01 | 0.21 | 89.22 | -32.98 | 122.20 | 366 | 101 | Peak |
| 6 | | 5762.180 | 110.10 | 0.35 | 110.45 | N/A | N/A | 366 | 101 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

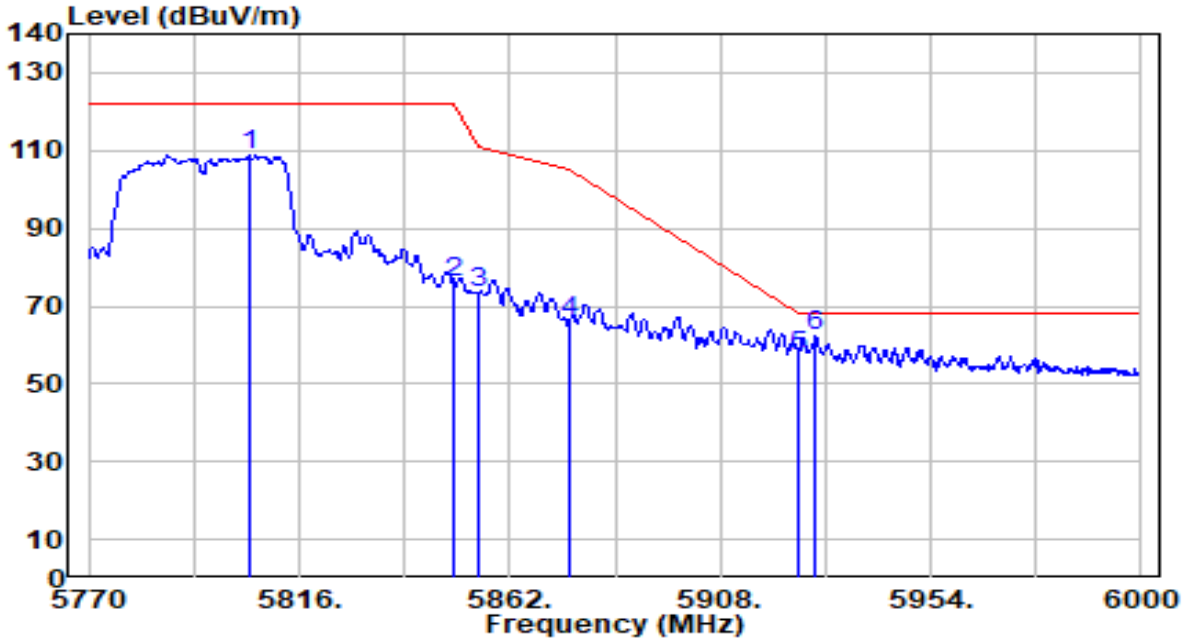



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5787.250 | 113.11 | 0.44 | 113.55 | N/A | N/A | 303 | 140 | Peak |
| 2 | | 5850.000 | 81.26 | 0.55 | 81.81 | -40.39 | 122.20 | 303 | 140 | Peak |
| 3 | | 5855.000 | 78.80 | 0.56 | 79.35 | -31.45 | 110.80 | 303 | 140 | Peak |
| 4 | | 5875.000 | 71.66 | 0.58 | 72.24 | -32.96 | 105.20 | 303 | 140 | Peak |
| 5 | | 5925.000 | 60.04 | 0.65 | 60.68 | -7.52 | 68.20 | 303 | 140 | Peak |
| 6 | * | 5929.160 | 66.53 | 0.65 | 67.18 | -1.02 | 68.20 | 303 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11n-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

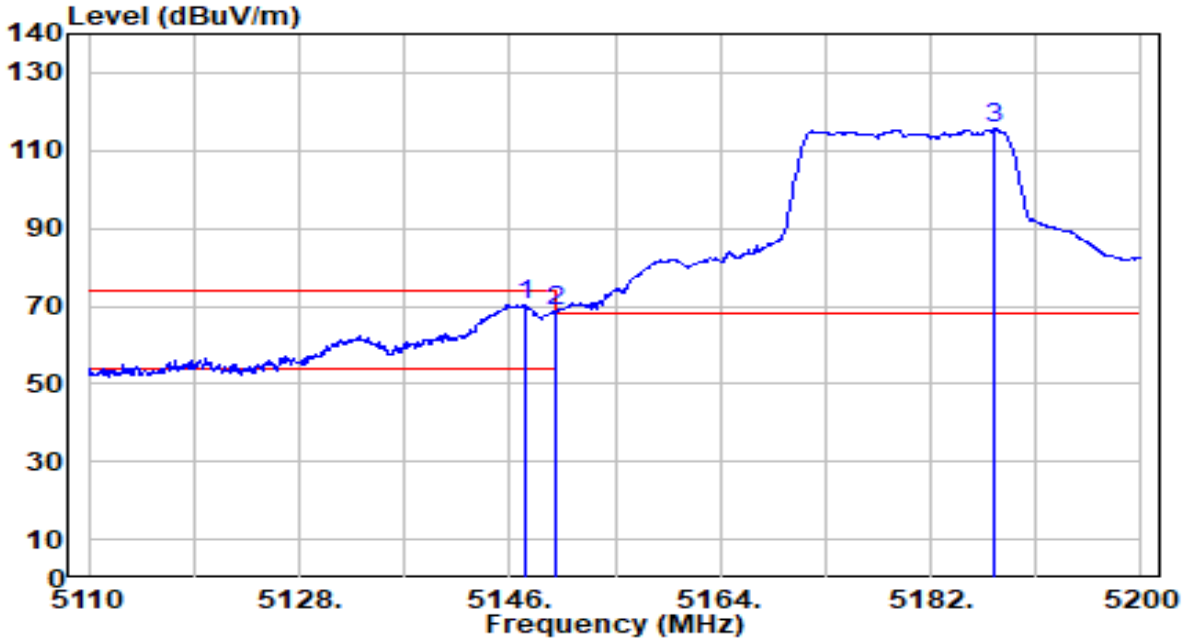



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5805.190 | 108.27 | 0.49 | 108.76 | N/A | N/A | 395 | 98 | Peak |
| 2 | | 5850.000 | 75.60 | 0.55 | 76.15 | -46.05 | 122.20 | 395 | 98 | Peak |
| 3 | | 5855.000 | 72.68 | 0.56 | 73.24 | -37.56 | 110.80 | 395 | 98 | Peak |
| 4 | | 5875.000 | 65.28 | 0.58 | 65.86 | -39.34 | 105.20 | 395 | 98 | Peak |
| 5 | | 5925.000 | 56.36 | 0.65 | 57.00 | -11.20 | 68.20 | 395 | 98 | Peak |
| 6 | * | 5928.930 | 61.48 | 0.65 | 62.14 | -6.06 | 68.20 | 395 | 98 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

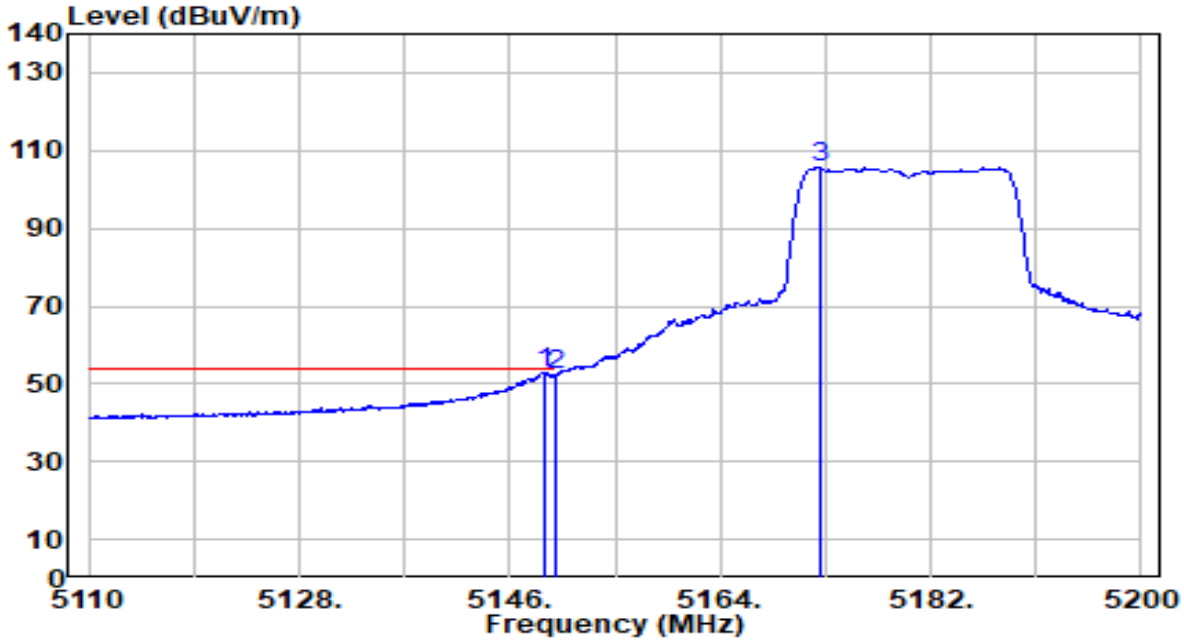



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5147.440 | 70.94 | -0.73 | 70.21 | -3.79 | 74.00 | 300 | 206 | Peak |
| 2 | | 5150.000 | 69.56 | -0.73 | 68.83 | -5.17 | 74.00 | 300 | 206 | Peak |
| 3 | | 5187.490 | 116.18 | -0.69 | 115.49 | N/A | N/A | 300 | 206 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

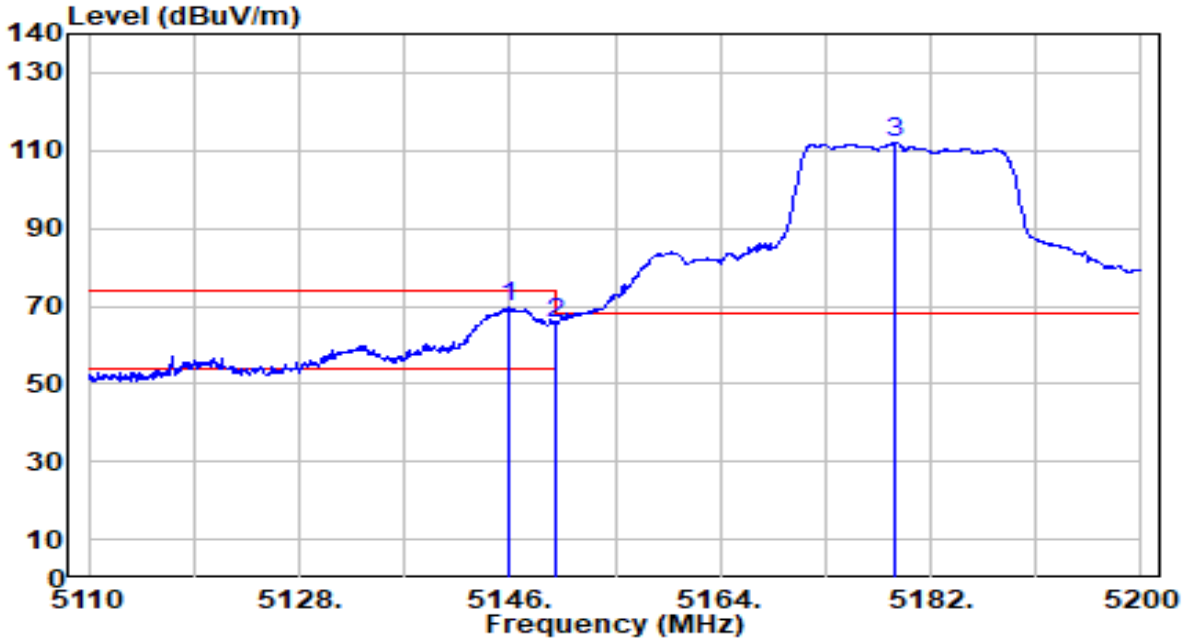



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.060 | 53.69 | -0.73 | 52.96 | -1.04 | 54.00 | 300 | 206 | Average |
| 2 | | 5150.000 | 52.98 | -0.73 | 52.25 | -1.75 | 54.00 | 300 | 206 | Average |
| 3 | | 5172.550 | 106.51 | -0.70 | 105.80 | N/A | N/A | 300 | 206 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

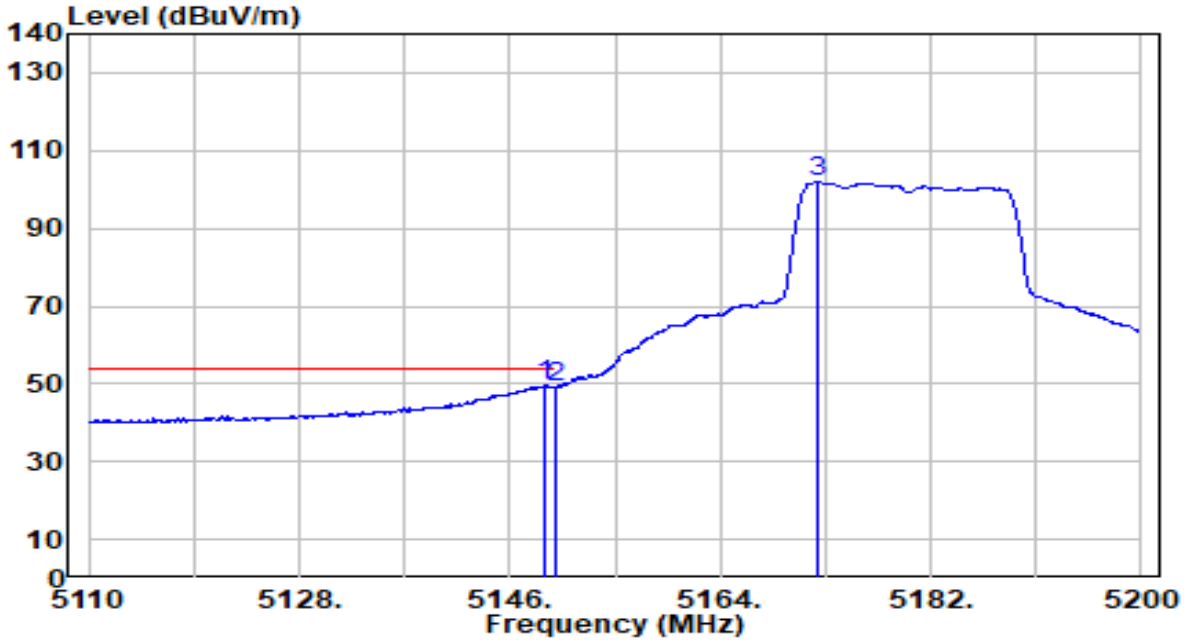



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5145.910 | 70.20 | -0.73 | 69.47 | -4.53 | 74.00 | 400 | 94 | Peak |
| 2 | | 5150.000 | 66.08 | -0.73 | 65.35 | -8.65 | 74.00 | 400 | 94 | Peak |
| 3 | | 5178.940 | 112.58 | -0.70 | 111.88 | N/A | N/A | 400 | 94 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band1_CH 36_ANT 1+2 | Test Voltage | AC 120V/60Hz |

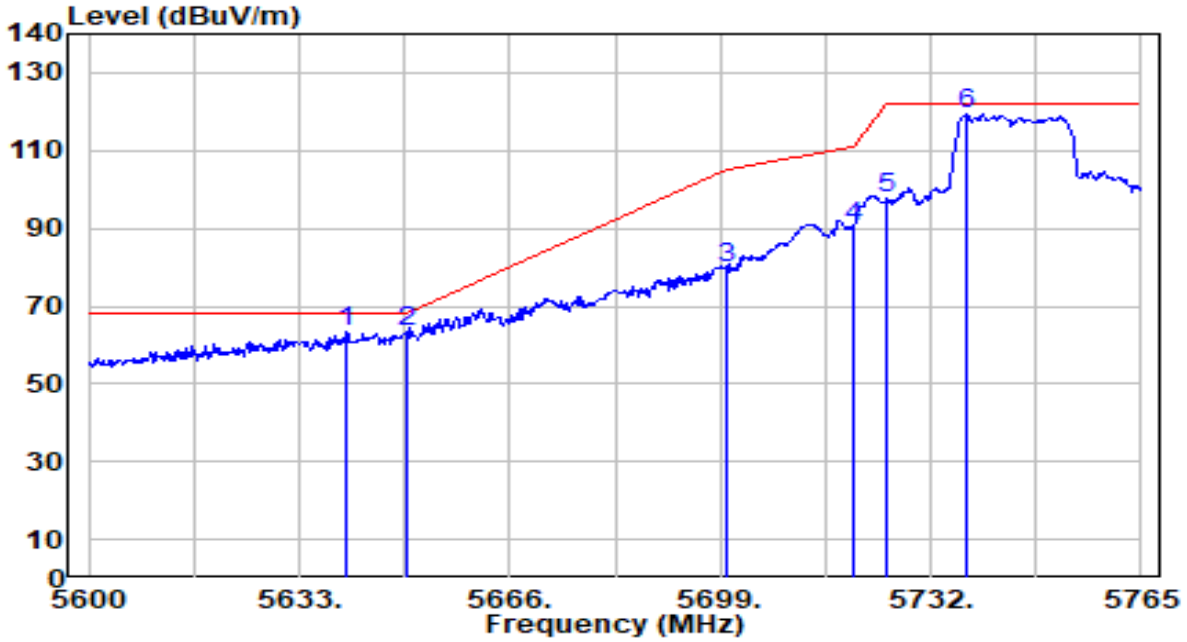



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.060 | 50.24 | -0.73 | 49.51 | -4.49 | 54.00 | 400 | 94 | Average |
| 2 | | 5150.000 | 49.71 | -0.73 | 48.99 | -5.01 | 54.00 | 400 | 94 | Average |
| 3 | | 5172.280 | 102.83 | -0.70 | 102.13 | N/A | N/A | 400 | 94 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

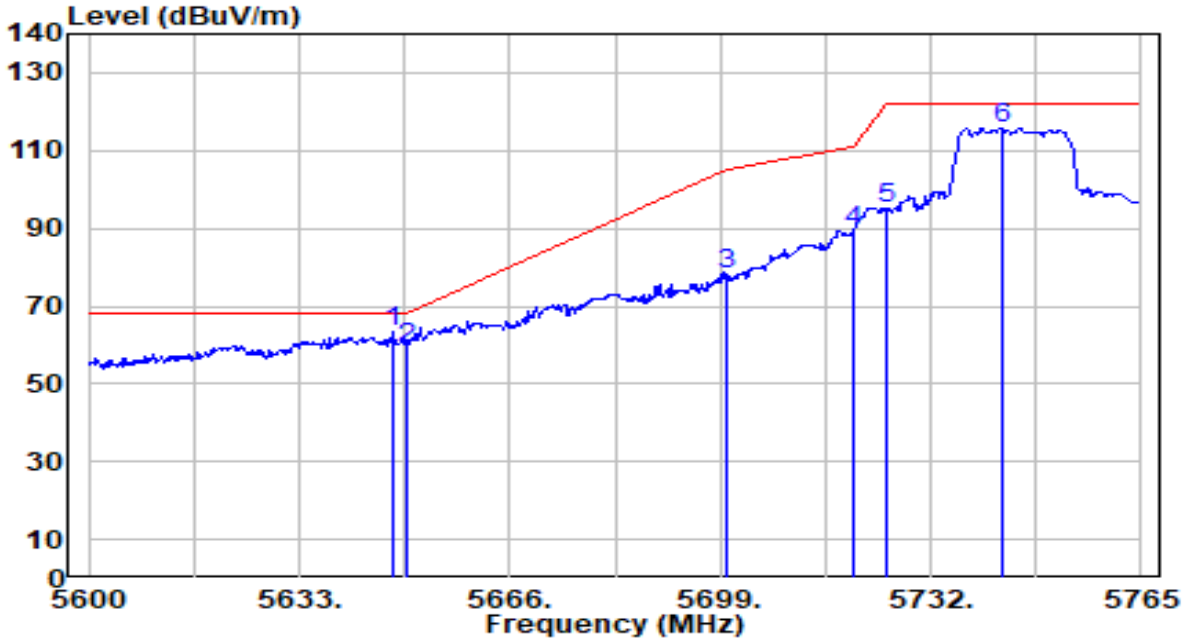



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5640.425 | 63.74 | -0.11 | 63.62 | -4.58 | 68.20 | 300 | 205 | Peak |
| 2 | | 5650.000 | 63.30 | -0.08 | 63.22 | -4.98 | 68.20 | 300 | 205 | Peak |
| 3 | | 5700.000 | 79.49 | 0.11 | 79.60 | -25.60 | 105.20 | 300 | 205 | Peak |
| 4 | | 5720.000 | 90.39 | 0.19 | 90.58 | -20.22 | 110.80 | 300 | 205 | Peak |
| 5 | | 5725.000 | 97.39 | 0.21 | 97.60 | -24.60 | 122.20 | 300 | 205 | Peak |
| 6 | | 5737.610 | 119.12 | 0.25 | 119.38 | N/A | N/A | 300 | 205 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 149_ANT 1+2 | Test Voltage | AC 120V/60Hz |

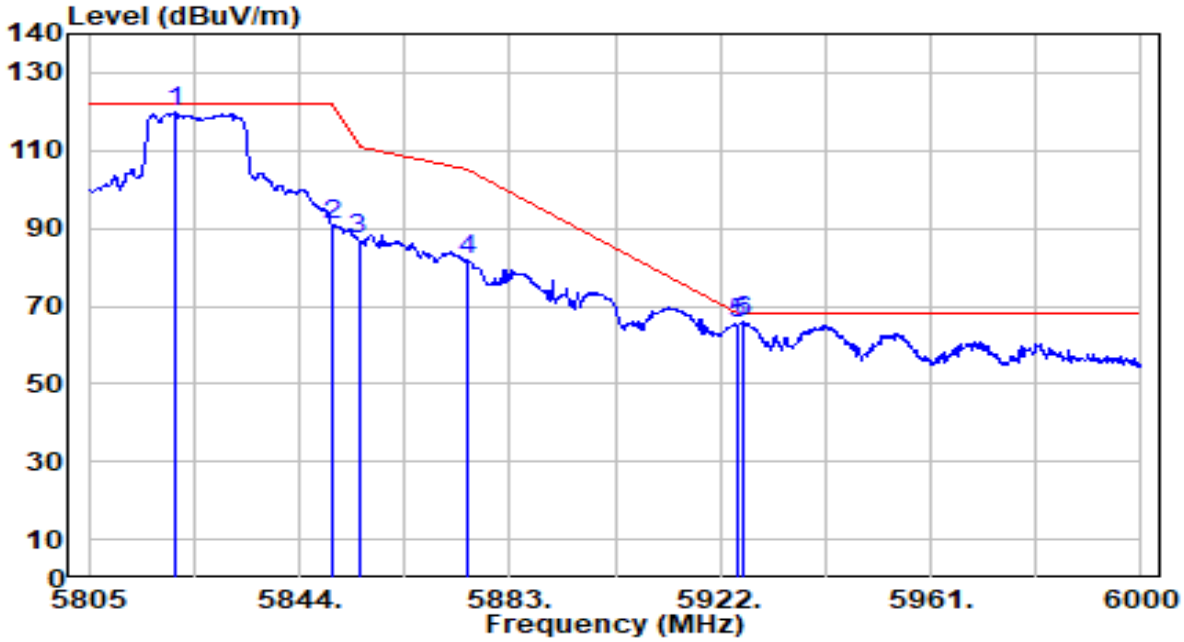



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5647.850 | 63.54 | -0.08 | 63.46 | -4.74 | 68.20 | 366 | 101 | Peak |
| 2 | | 5650.000 | 59.49 | -0.08 | 59.41 | -8.79 | 68.20 | 366 | 101 | Peak |
| 3 | | 5700.000 | 78.01 | 0.11 | 78.13 | -27.07 | 105.20 | 366 | 101 | Peak |
| 4 | | 5720.000 | 89.32 | 0.19 | 89.51 | -21.29 | 110.80 | 366 | 101 | Peak |
| 5 | | 5725.000 | 94.91 | 0.21 | 95.12 | -27.08 | 122.20 | 366 | 101 | Peak |
| 6 | | 5743.220 | 115.63 | 0.27 | 115.91 | N/A | N/A | 366 | 101 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

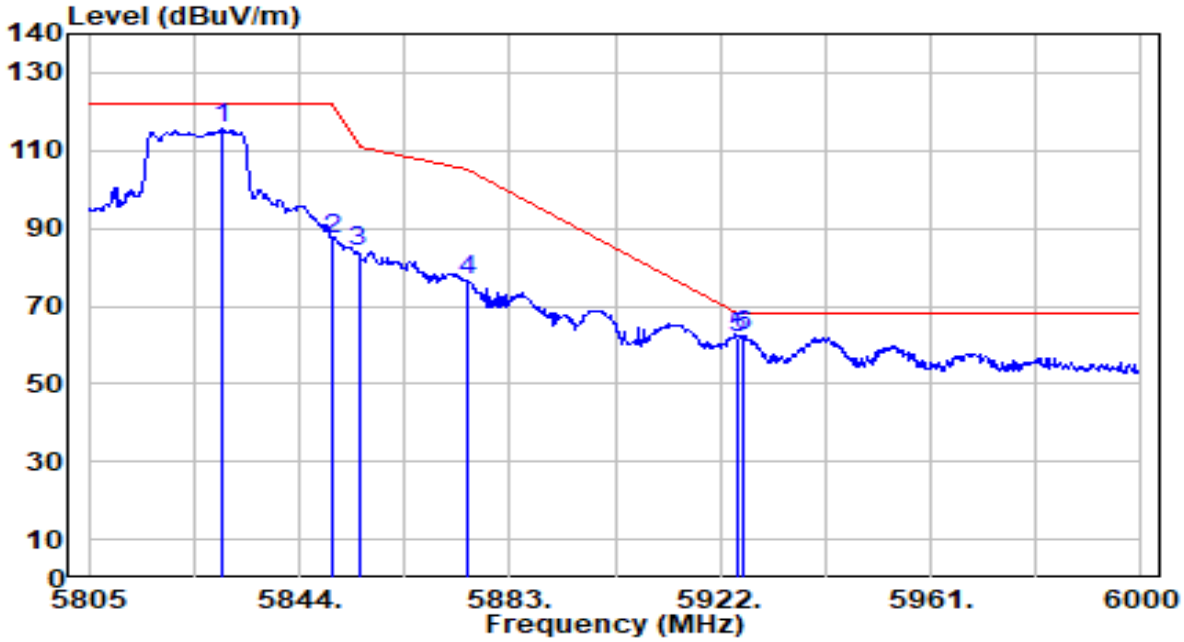



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5820.795 | 119.25 | 0.51 | 119.76 | N/A | N/A | 303 | 140 | Peak |
| 2 | | 5850.000 | 90.41 | 0.55 | 90.97 | -31.23 | 122.20 | 303 | 140 | Peak |
| 3 | | 5855.000 | 86.80 | 0.56 | 87.35 | -23.45 | 110.80 | 303 | 140 | Peak |
| 4 | | 5875.000 | 81.19 | 0.58 | 81.77 | -23.43 | 105.20 | 303 | 140 | Peak |
| 5 | | 5925.000 | 64.66 | 0.65 | 65.30 | -2.90 | 68.20 | 303 | 140 | Peak |
| 6 | * | 5926.095 | 65.20 | 0.65 | 65.84 | -2.36 | 68.20 | 303 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 165_ANT 1+2 | Test Voltage | AC 120V/60Hz |

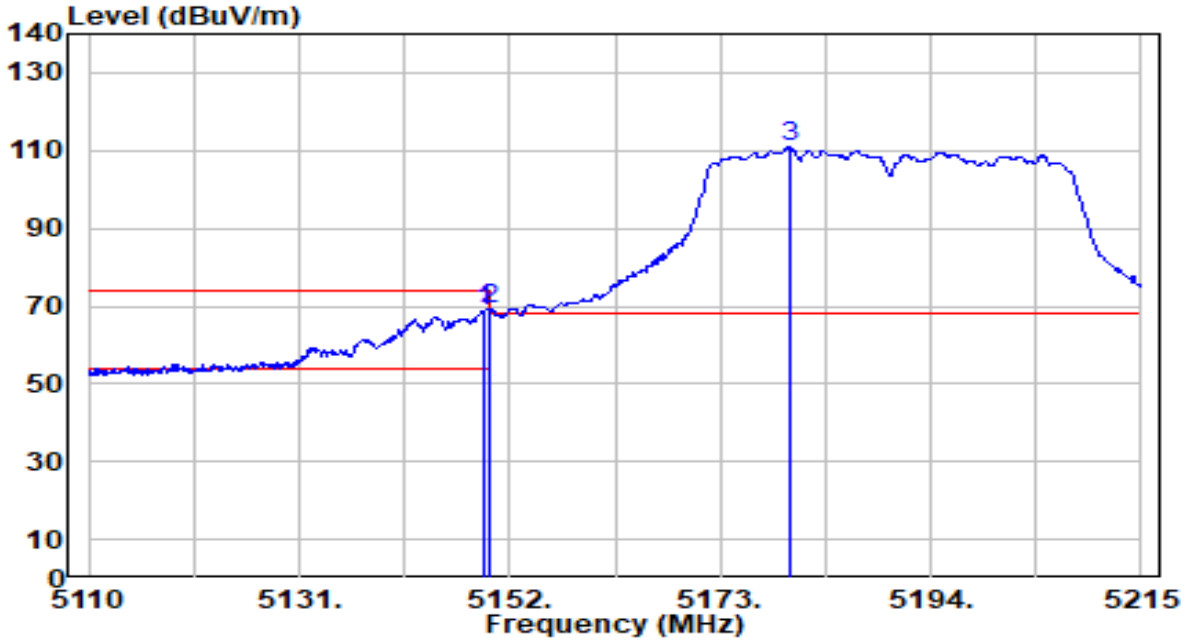



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5829.960 | 114.92 | 0.53 | 115.44 | N/A | N/A | 395 | 98 | Peak |
| 2 | | 5850.000 | 86.75 | 0.55 | 87.31 | -34.89 | 122.20 | 395 | 98 | Peak |
| 3 | | 5855.000 | 83.28 | 0.56 | 83.84 | -26.96 | 110.80 | 395 | 98 | Peak |
| 4 | | 5875.000 | 76.10 | 0.58 | 76.68 | -28.52 | 105.20 | 395 | 98 | Peak |
| 5 | | 5925.000 | 61.08 | 0.65 | 61.72 | -6.48 | 68.20 | 395 | 98 | Peak |
| 6 | * | 5926.095 | 61.80 | 0.65 | 62.45 | -5.75 | 68.20 | 395 | 98 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

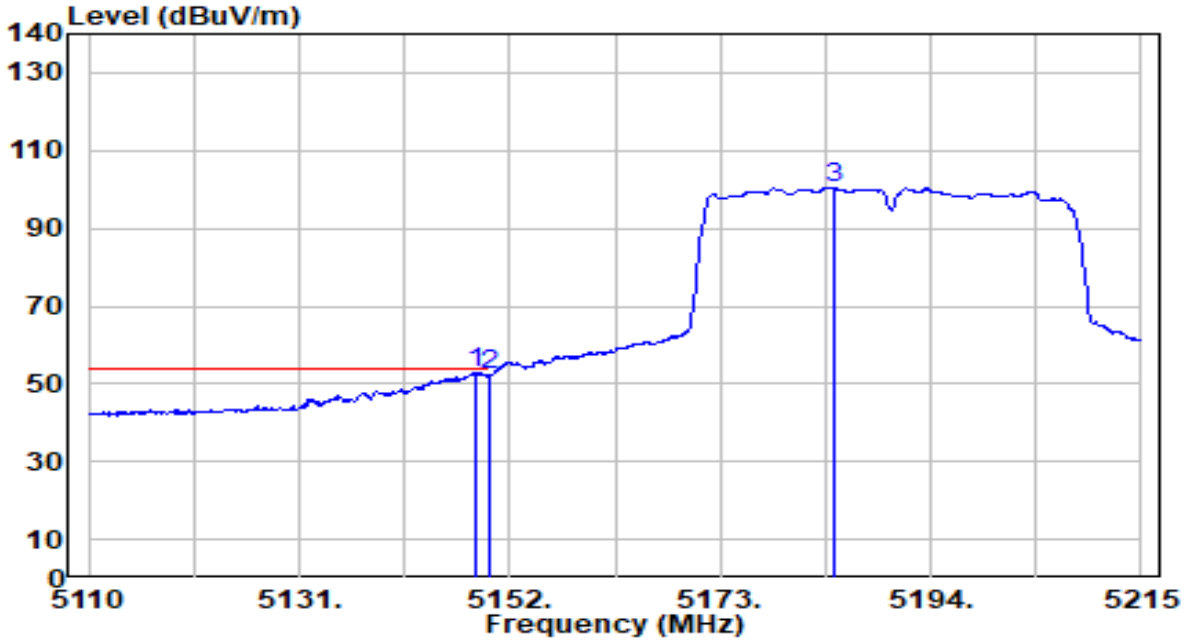



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5149.480 | 69.67 | -0.73 | 68.94 | -5.06 | 74.00 | 300 | 206 | Peak |
| 2 | * | 5150.000 | 69.87 | -0.73 | 69.14 | -4.86 | 74.00 | 300 | 206 | Peak |
| 3 | | 5179.930 | 111.42 | -0.70 | 110.72 | N/A | N/A | 300 | 206 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

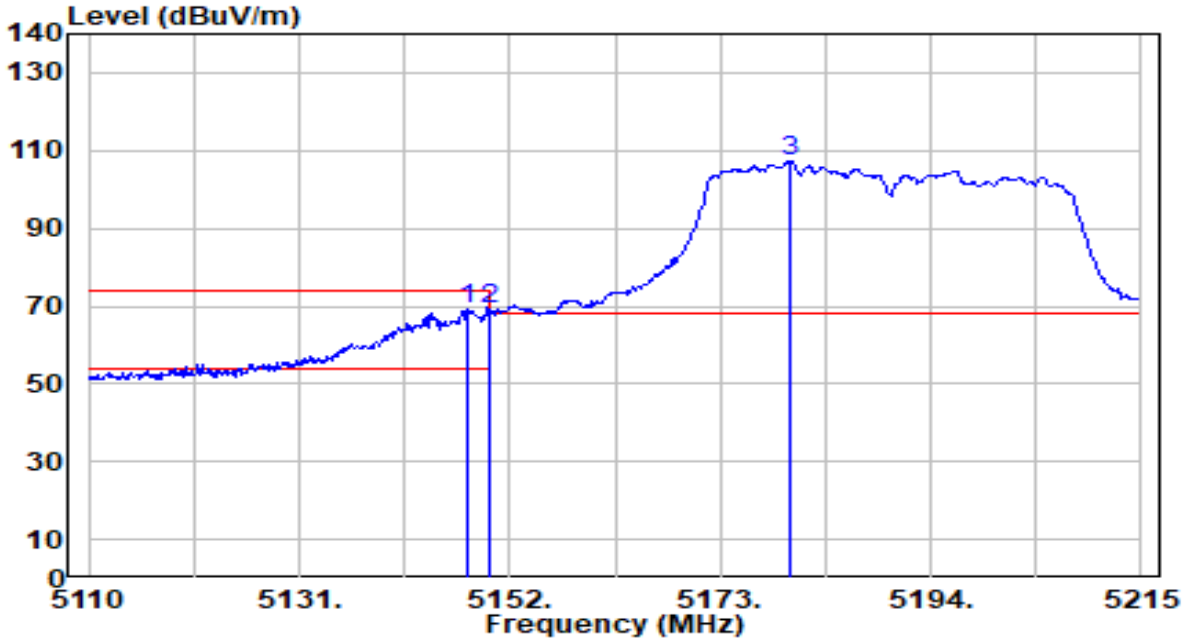



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5148.640 | 53.71 | -0.73 | 52.98 | -1.02 | 54.00 | 300 | 206 | Average |
| 2 | | 5150.000 | 52.82 | -0.73 | 52.10 | -1.90 | 54.00 | 300 | 206 | Average |
| 3 | | 5184.340 | 101.26 | -0.69 | 100.57 | N/A | N/A | 300 | 206 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

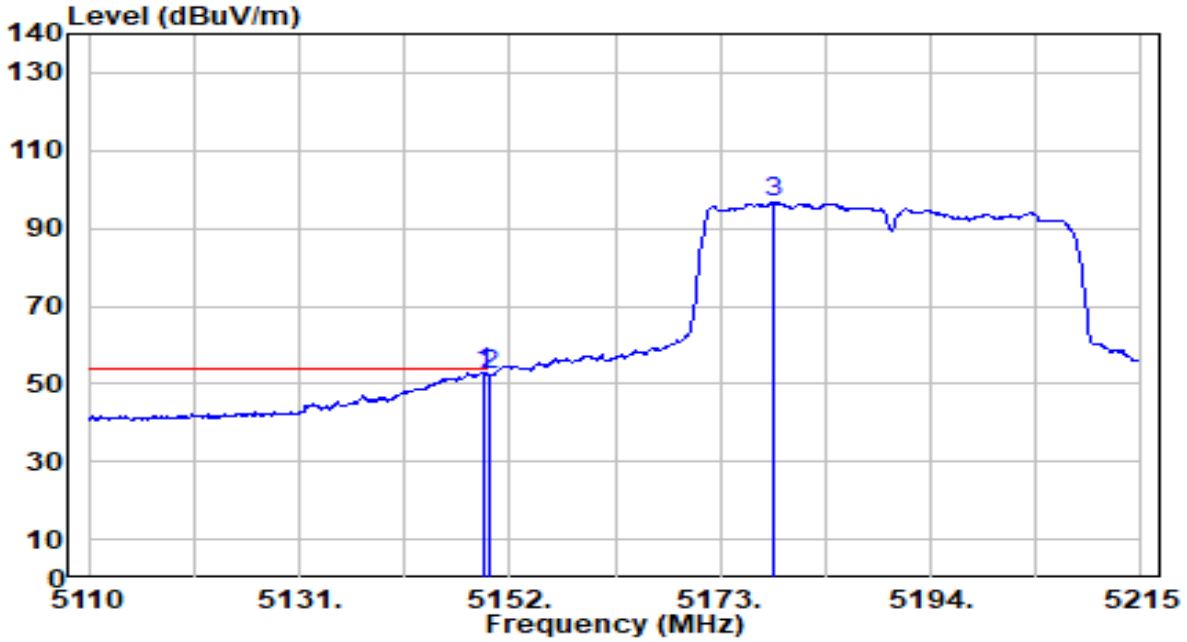



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5147.695 | 69.82 | -0.73 | 69.10 | -4.90 | 74.00 | 400 | 94 | Peak |
| 2 | * | 5150.000 | 69.96 | -0.73 | 69.23 | -4.77 | 74.00 | 400 | 94 | Peak |
| 3 | | 5179.930 | 107.85 | -0.70 | 107.15 | N/A | N/A | 400 | 94 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band1_CH 38_ANT 1+2 | Test Voltage | AC 120V/60Hz |

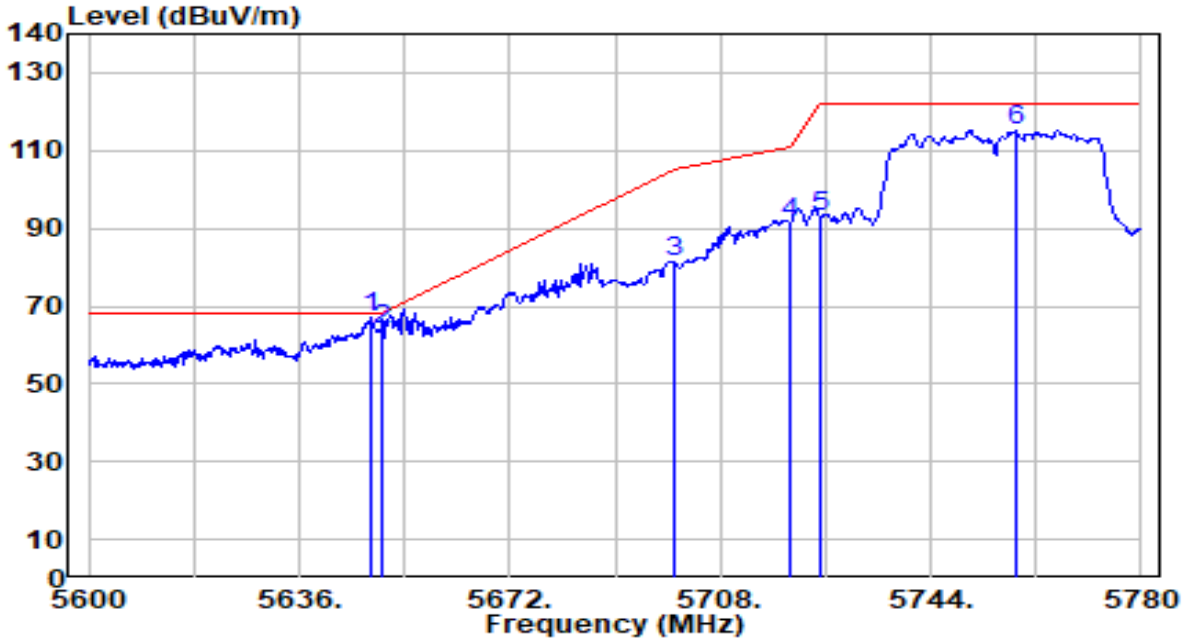



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5149.375 | 53.73 | -0.73 | 53.00 | -1.00 | 54.00 | 400 | 94 | Average |
| 2 | | 5150.000 | 53.19 | -0.73 | 52.46 | -1.54 | 54.00 | 400 | 94 | Average |
| 3 | | 5178.355 | 97.48 | -0.70 | 96.79 | N/A | N/A | 400 | 94 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

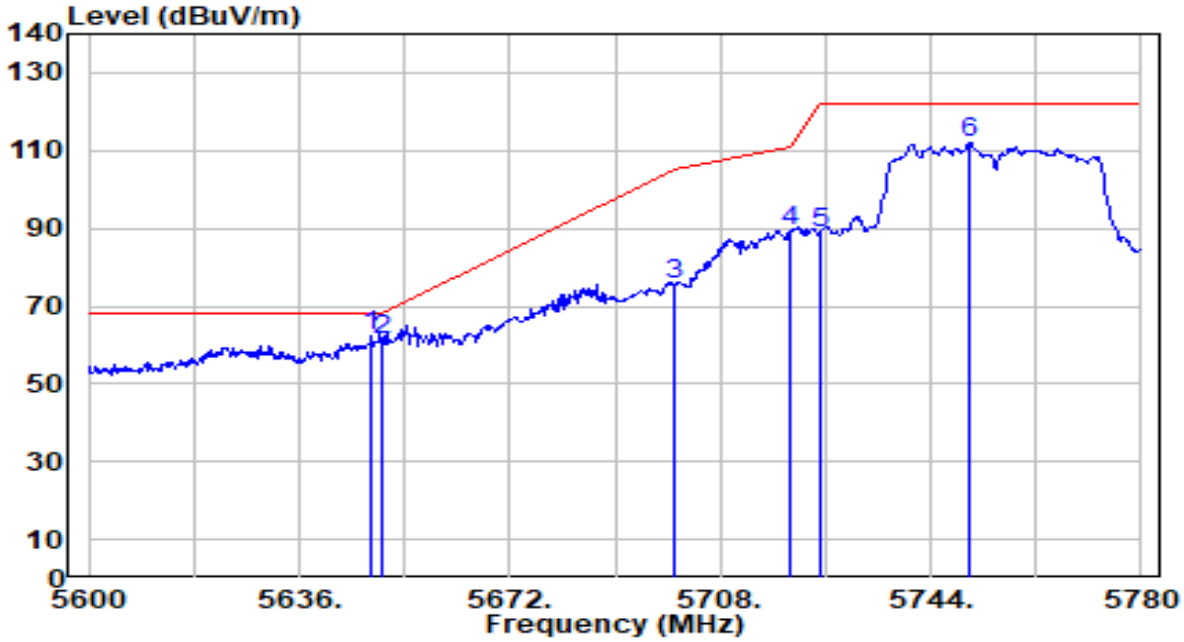



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5648.240 | 67.26 | -0.08 | 67.18 | -1.02 | 68.20 | 300 | 205 | Peak |
| 2 | | 5650.000 | 64.04 | -0.08 | 63.96 | -4.24 | 68.20 | 300 | 205 | Peak |
| 3 | | 5700.000 | 81.09 | 0.11 | 81.20 | -24.00 | 105.20 | 300 | 205 | Peak |
| 4 | | 5720.000 | 91.03 | 0.19 | 91.21 | -19.59 | 110.80 | 300 | 205 | Peak |
| 5 | | 5725.000 | 92.57 | 0.21 | 92.78 | -29.42 | 122.20 | 300 | 205 | Peak |
| 6 | | 5758.580 | 114.71 | 0.33 | 115.04 | N/A | N/A | 300 | 205 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 151_ANT 1+2 | Test Voltage | AC 120V/60Hz |

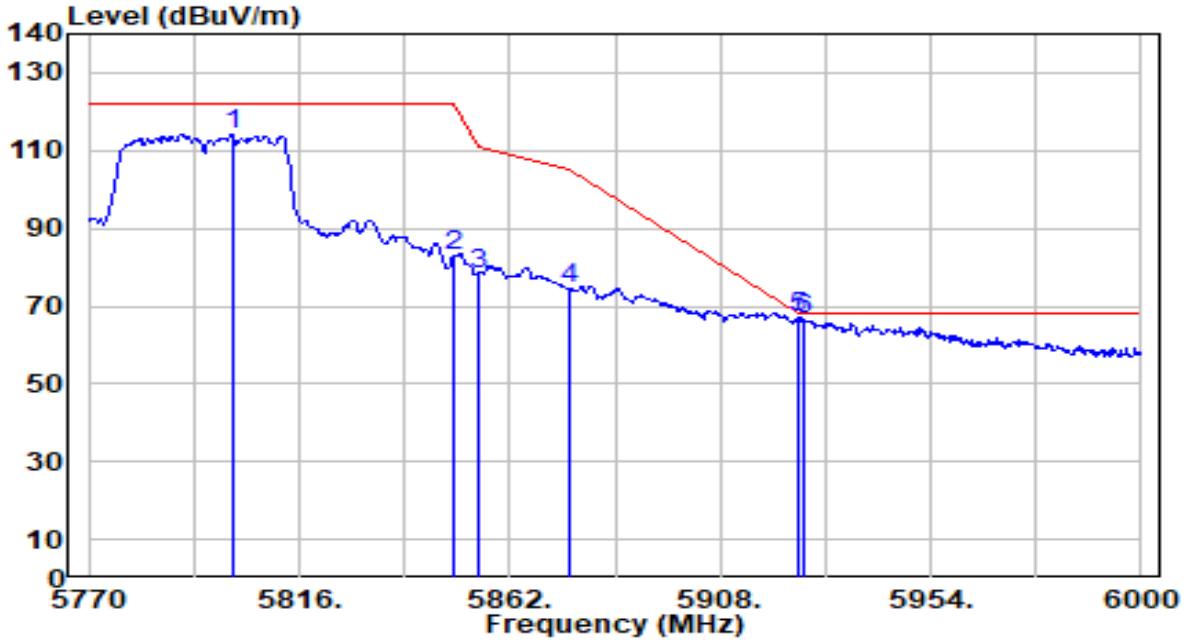



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5648.420 | 62.45 | -0.08 | 62.37 | -5.83 | 68.20 | 366 | 101 | Peak |
| 2 | | 5650.000 | 61.50 | -0.08 | 61.43 | -6.77 | 68.20 | 366 | 101 | Peak |
| 3 | | 5700.000 | 75.31 | 0.11 | 75.42 | -29.78 | 105.20 | 366 | 101 | Peak |
| 4 | | 5720.000 | 88.95 | 0.19 | 89.14 | -21.66 | 110.80 | 366 | 101 | Peak |
| 5 | | 5725.000 | 88.53 | 0.21 | 88.73 | -33.47 | 122.20 | 366 | 101 | Peak |
| 6 | | 5750.660 | 111.52 | 0.30 | 111.82 | N/A | N/A | 366 | 101 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

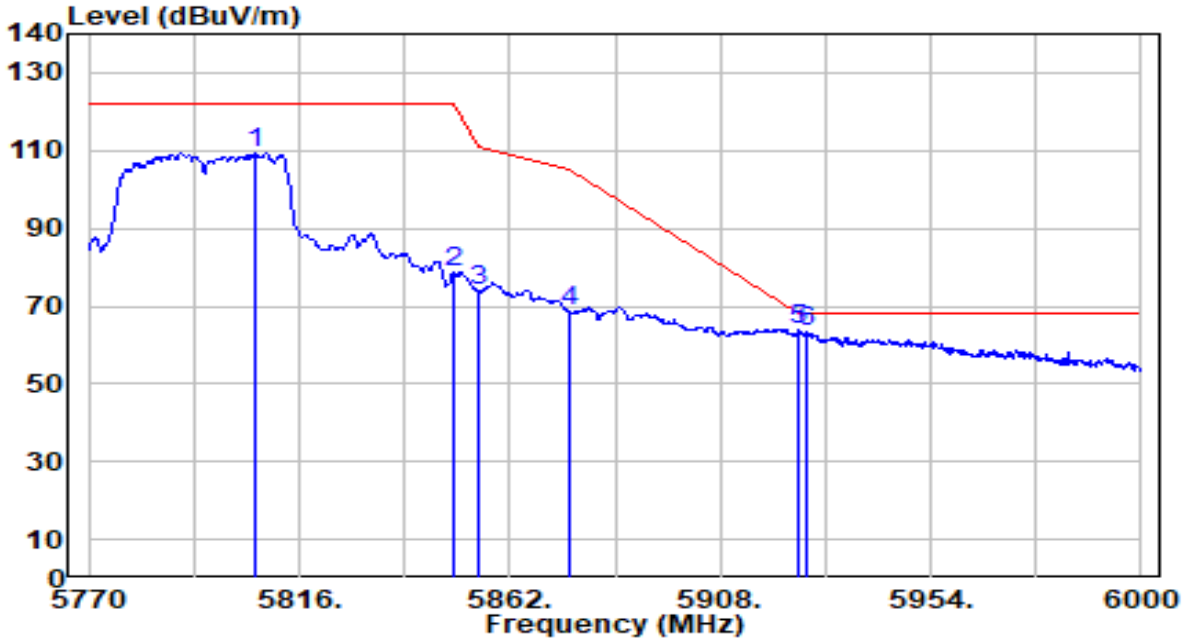



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5801.280 | 113.68 | 0.49 | 114.17 | N/A | N/A | 303 | 140 | Peak |
| 2 | | 5850.000 | 82.42 | 0.55 | 82.97 | -39.23 | 122.20 | 303 | 140 | Peak |
| 3 | | 5855.000 | 77.89 | 0.56 | 78.45 | -32.35 | 110.80 | 303 | 140 | Peak |
| 4 | | 5875.000 | 73.90 | 0.58 | 74.48 | -30.72 | 105.20 | 303 | 140 | Peak |
| 5 | * | 5925.000 | 66.49 | 0.65 | 67.13 | -1.07 | 68.20 | 303 | 140 | Peak |
| 6 | | 5926.170 | 65.96 | 0.65 | 66.60 | -1.60 | 68.20 | 303 | 140 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 159_ANT 1+2 | Test Voltage | AC 120V/60Hz |

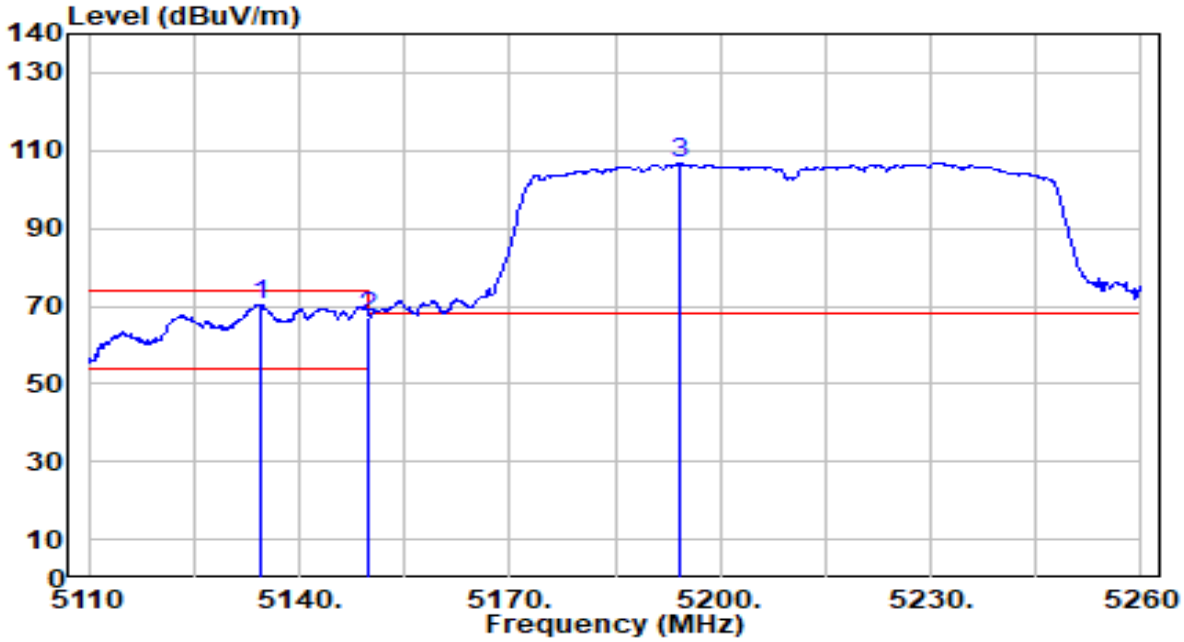



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5806.110 | 108.82 | 0.50 | 109.32 | N/A | N/A | 395 | 98 | Peak |
| 2 | | 5850.000 | 78.06 | 0.55 | 78.61 | -43.59 | 122.20 | 395 | 98 | Peak |
| 3 | | 5855.000 | 73.15 | 0.56 | 73.71 | -37.09 | 110.80 | 395 | 98 | Peak |
| 4 | | 5875.000 | 67.86 | 0.58 | 68.44 | -36.76 | 105.20 | 395 | 98 | Peak |
| 5 | * | 5925.000 | 63.03 | 0.65 | 63.68 | -4.52 | 68.20 | 395 | 98 | Peak |
| 6 | | 5926.860 | 62.71 | 0.65 | 63.36 | -4.84 | 68.20 | 395 | 98 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |

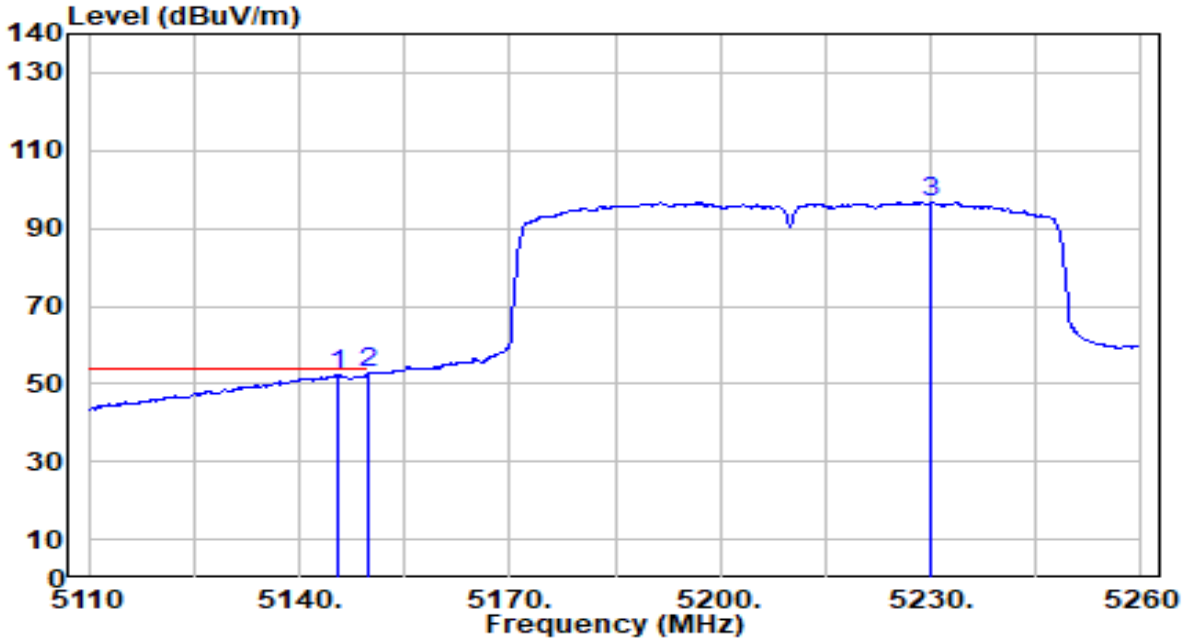



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5134.600 | 70.99 | -0.74 | 70.25 | -3.75 | 74.00 | 262 | 326 | Peak |
| 2 | | 5150.000 | 67.92 | -0.73 | 67.19 | -6.81 | 74.00 | 262 | 326 | Peak |
| 3 | | 5194.150 | 107.50 | -0.68 | 106.81 | N/A | N/A | 262 | 326 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |

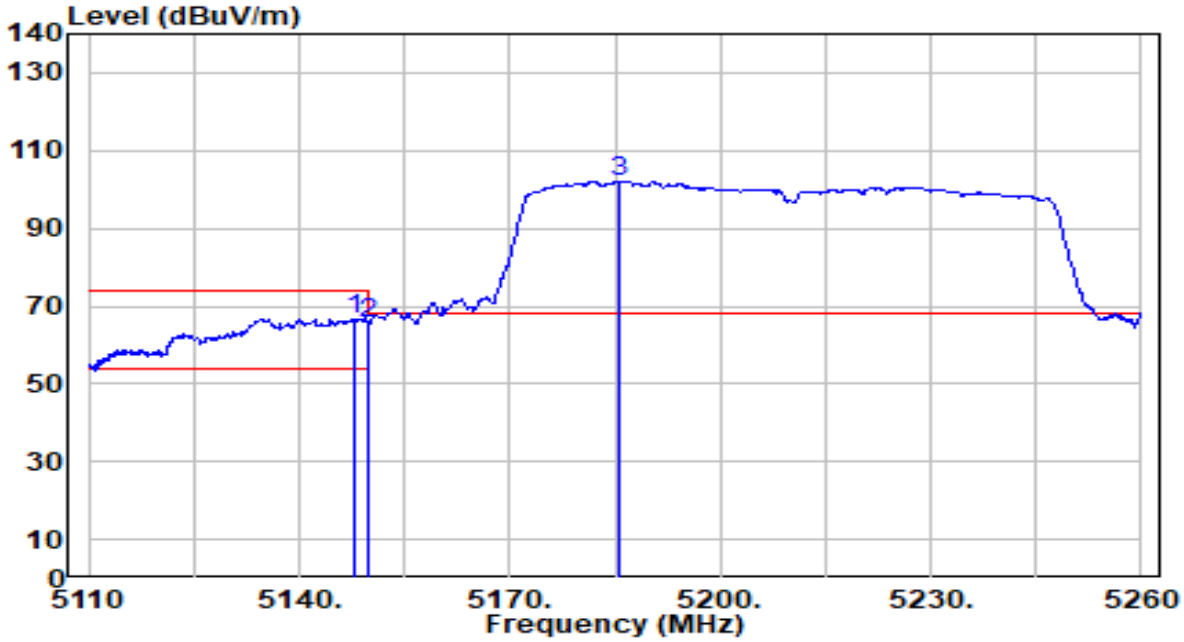



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5145.550 | 53.08 | -0.73 | 52.35 | -1.65 | 54.00 | 262 | 326 | Average |
| 2 | * | 5150.000 | 53.69 | -0.73 | 52.97 | -1.03 | 54.00 | 262 | 326 | Average |
| 3 | | 5230.150 | 97.41 | -0.74 | 96.67 | N/A | N/A | 262 | 326 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |

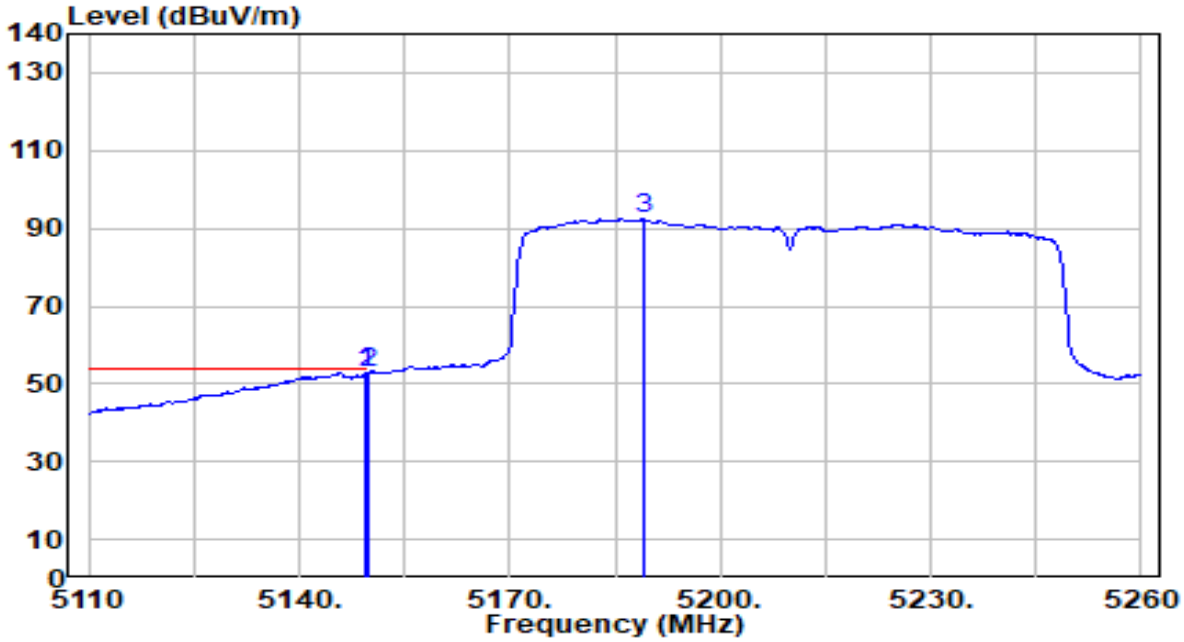



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5147.950 | 67.42 | -0.73 | 66.69 | -7.31 | 74.00 | 400 | 115 | Peak |
| 2 | | 5150.000 | 66.49 | -0.73 | 65.77 | -8.23 | 74.00 | 400 | 115 | Peak |
| 3 | | 5185.450 | 102.83 | -0.69 | 102.14 | N/A | N/A | 400 | 115 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| | | | |
|---|---|---|---|
| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band1_CH 42_ANT 1+2 | Test Voltage | AC 120V/60Hz |



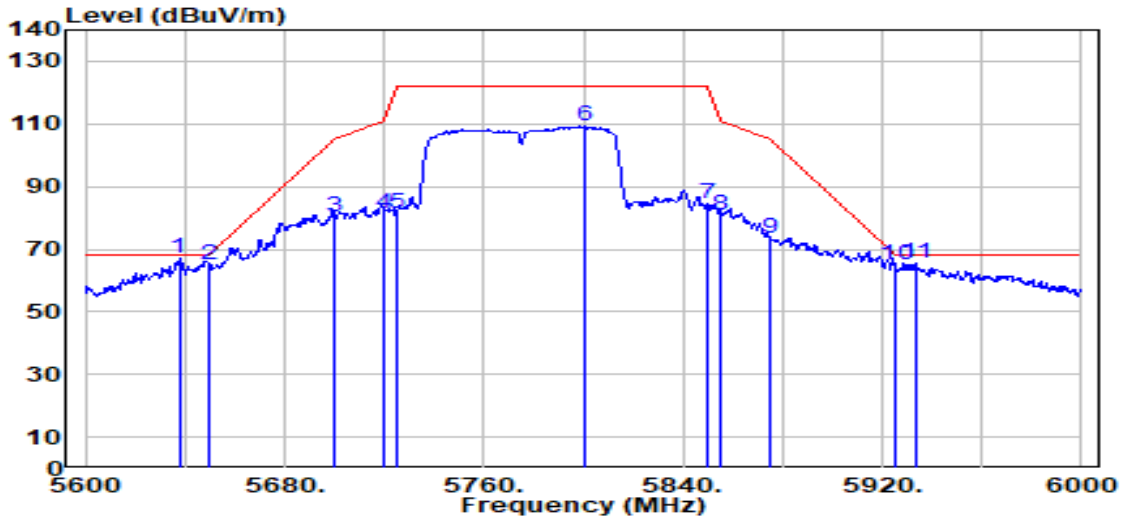

| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5149.450 | 53.48 | -0.73 | 52.75 | -1.25 | 54.00 | 400 | 115 | Average |
| 2 | * | 5150.000 | 53.70 | -0.73 | 52.97 | -1.03 | 54.00 | 400 | 115 | Average |
| 3 | | 5189.050 | 92.98 | -0.69 | 92.29 | N/A | N/A | 400 | 115 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

t report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 155_ANT 1+2 | Test Voltage | AC 120V/60Hz |

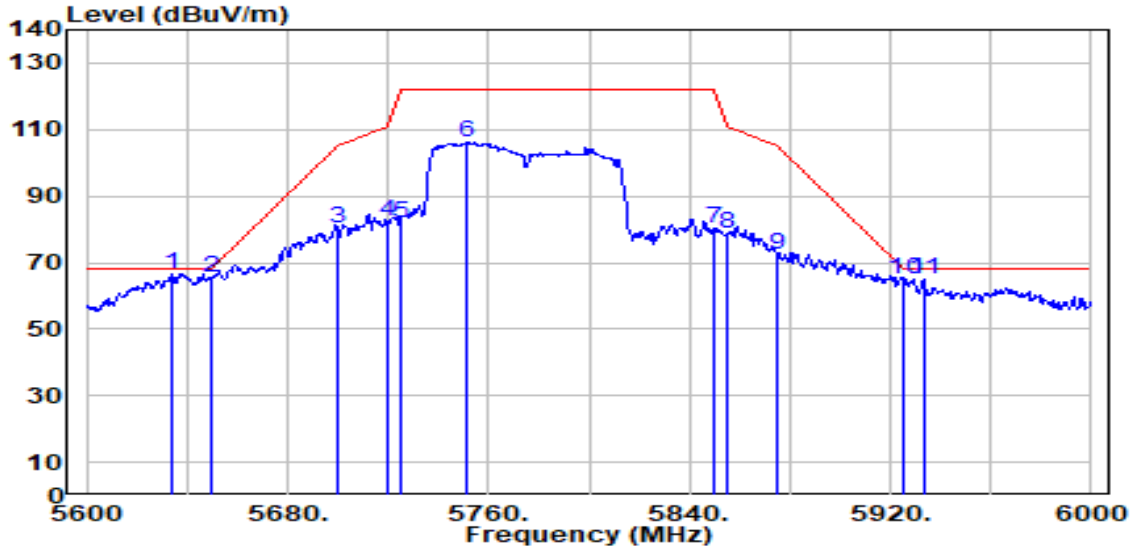



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5637.600 | 67.25 | -0.12 | 67.13 | -1.07 | 68.20 | 260 | 326 | Peak |
| 2 | | 5650.000 | 65.07 | -0.08 | 65.00 | -3.20 | 68.20 | 260 | 326 | Peak |
| 3 | | 5700.000 | 80.43 | 0.11 | 80.54 | -24.66 | 105.20 | 260 | 326 | Peak |
| 4 | | 5720.000 | 81.33 | 0.19 | 81.52 | -29.28 | 110.80 | 260 | 326 | Peak |
| 5 | | 5725.000 | 81.06 | 0.21 | 81.27 | -40.93 | 122.20 | 260 | 326 | Peak |
| 6 | | 5800.400 | 108.74 | 0.49 | 109.23 | N/A | N/A | 260 | 326 | Peak |
| 7 | | 5850.000 | 84.17 | 0.55 | 84.72 | -37.48 | 122.20 | 260 | 326 | Peak |
| 8 | | 5855.000 | 80.53 | 0.56 | 81.09 | -29.71 | 110.80 | 260 | 326 | Peak |
| 9 | | 5875.000 | 72.93 | 0.58 | 73.51 | -31.69 | 105.20 | 260 | 326 | Peak |
| 10 | | 5925.000 | 64.39 | 0.65 | 65.03 | -3.17 | 68.20 | 260 | 326 | Peak |
| 11 | | 5933.200 | 64.94 | 0.66 | 65.59 | -2.61 | 68.20 | 260 | 326 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | WLAN / BT Module | Date of Test | 2023-02-04 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 24°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Ares |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 155_ANT 1+2 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5633.600 | 66.92 | -0.14 | 66.78 | -1.42 | 68.20 | 387 | 123 | Peak |
| 2 | | 5650.000 | 65.47 | -0.08 | 65.40 | -2.80 | 68.20 | 387 | 123 | Peak |
| 3 | | 5700.000 | 80.00 | 0.11 | 80.11 | -25.09 | 105.20 | 387 | 123 | Peak |
| 4 | | 5720.000 | 82.02 | 0.19 | 82.21 | -28.59 | 110.80 | 387 | 123 | Peak |
| 5 | | 5725.000 | 81.59 | 0.21 | 81.80 | -40.40 | 122.20 | 387 | 123 | Peak |
| 6 | | 5751.200 | 105.94 | 0.30 | 106.24 | N/A | N/A | 387 | 123 | Peak |
| 7 | | 5850.000 | 80.01 | 0.55 | 80.56 | -41.64 | 122.20 | 387 | 123 | Peak |
| 8 | | 5855.000 | 77.96 | 0.56 | 78.52 | -32.28 | 110.80 | 387 | 123 | Peak |
| 9 | | 5875.000 | 71.86 | 0.58 | 72.44 | -32.76 | 105.20 | 387 | 123 | Peak |
| 10 | | 5925.000 | 64.31 | 0.65 | 64.96 | -3.24 | 68.20 | 387 | 123 | Peak |
| 11 | | 5933.200 | 64.27 | 0.66 | 64.93 | -3.27 | 68.20 | 387 | 123 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in tes

## 7.9. AC Conducted Emissions Measurement

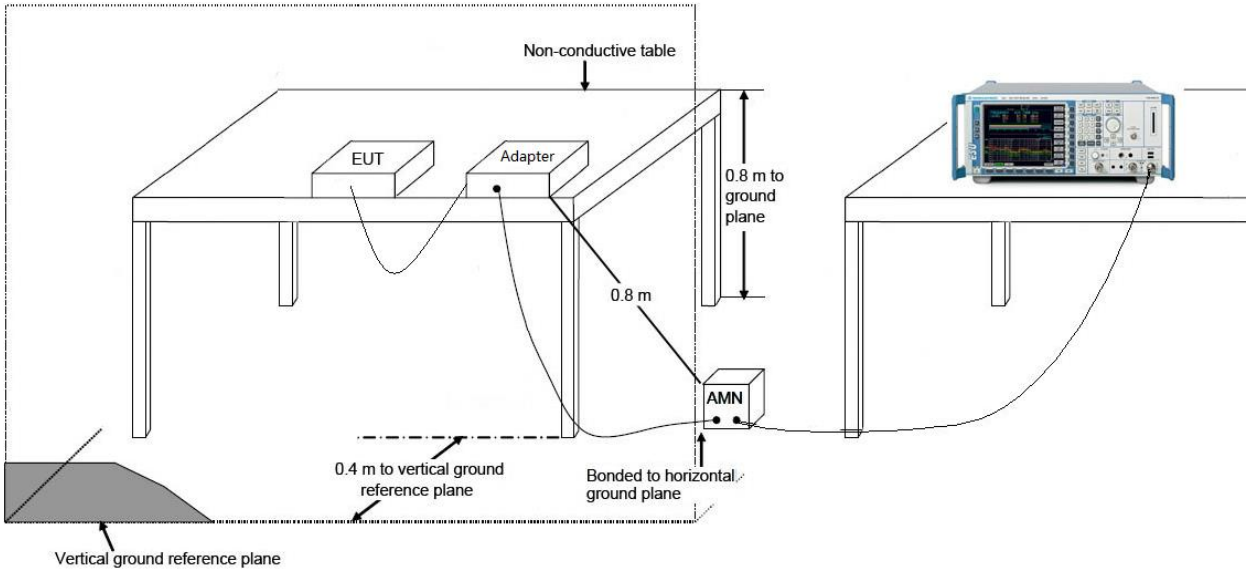
### 7.9.1. Test Limit

| FCC Part 15.207 Limits | | |
|---|---|---|
| Frequency (MHz) | QP (dBμV) | AV (dBμV) |
| 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.

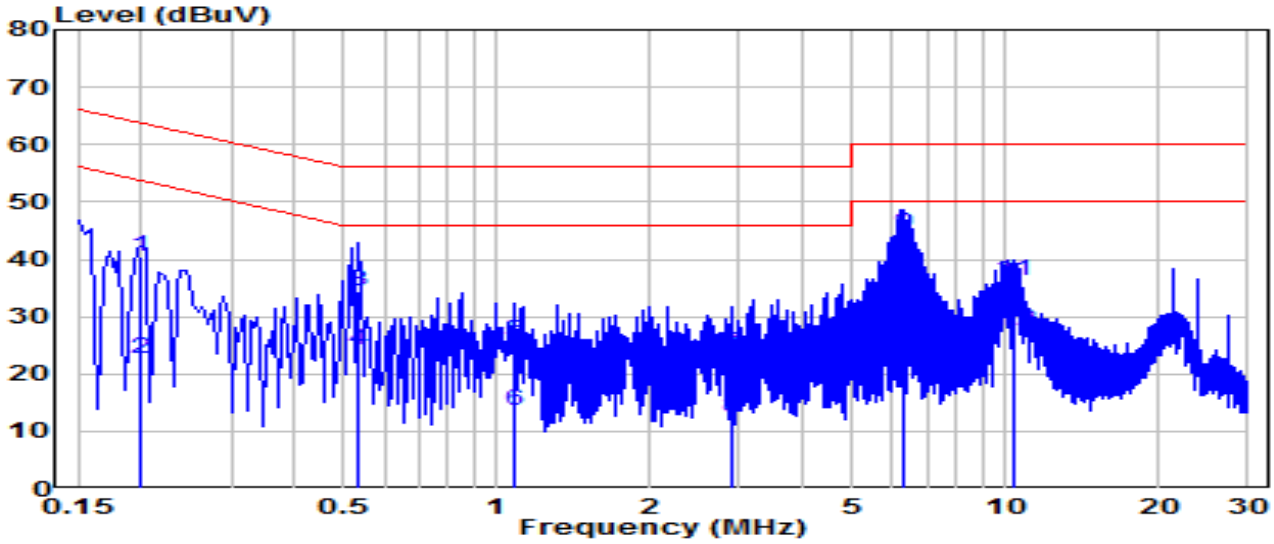
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.9.2. Test Setup



### 7.9.3. Test Result

| EUT | WLAN / BT Module | Date of Test | 2023-02-13 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 24.5°C /64% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Tim |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

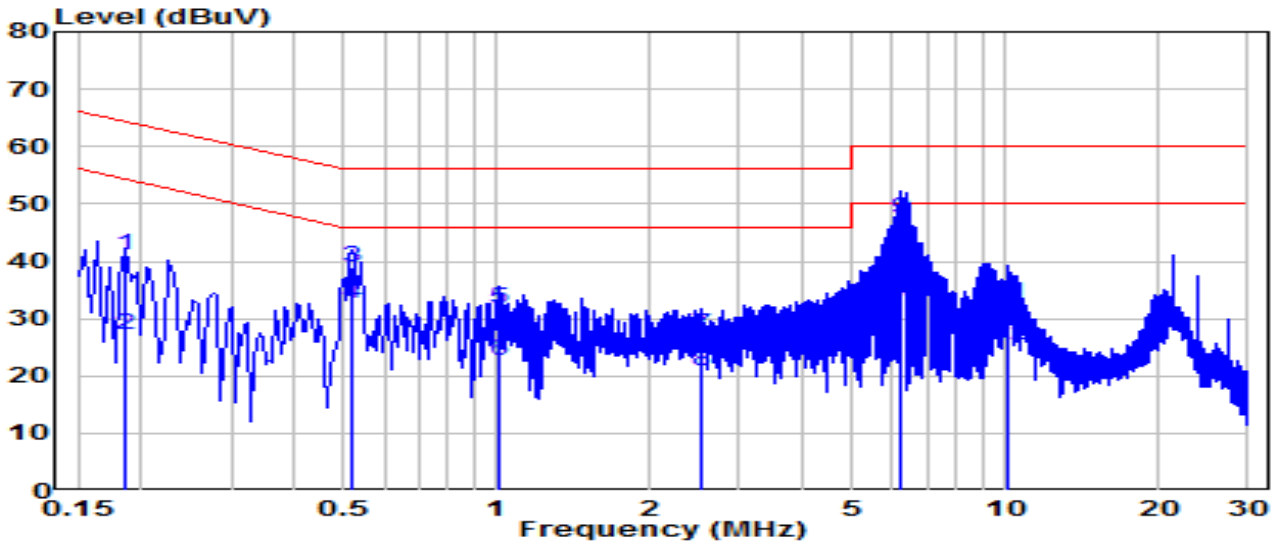



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.199 | 30.76 | 9.62 | 40.38 | -23.25 | 63.63 | QP |
| 2 | | 0.199 | 12.97 | 9.62 | 22.59 | -31.04 | 53.63 | Average |
| 3 | | 0.532 | 24.87 | 9.64 | 34.51 | -21.49 | 56.00 | QP |
| 4 | | 0.532 | 14.61 | 9.64 | 24.26 | -21.74 | 46.00 | Average |
| 5 | | 1.081 | 16.11 | 9.67 | 25.78 | -30.22 | 56.00 | QP |
| 6 | | 1.081 | 3.90 | 9.67 | 13.57 | -32.43 | 46.00 | Average |
| 7 | | 2.881 | 13.84 | 9.71 | 23.55 | -32.45 | 56.00 | QP |
| 8 | | 2.881 | 2.63 | 9.71 | 12.33 | -33.67 | 46.00 | Average |
| 9 | * | 6.269 | 34.62 | 9.77 | 44.39 | -15.61 | 60.00 | QP |
| 10 | * | 6.269 | 17.20 | 9.77 | 26.97 | -23.03 | 50.00 | Average |
| 11 | | 10.400 | 26.50 | 9.86 | 36.36 | -23.64 | 60.00 | QP |
| 12 | | 10.400 | 17.50 | 9.86 | 27.36 | -22.64 | 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 | WLAN / BT Module | Date of Test | 2023-02-13 |
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 24.5°C /64% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Tim |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 120V/60Hz |

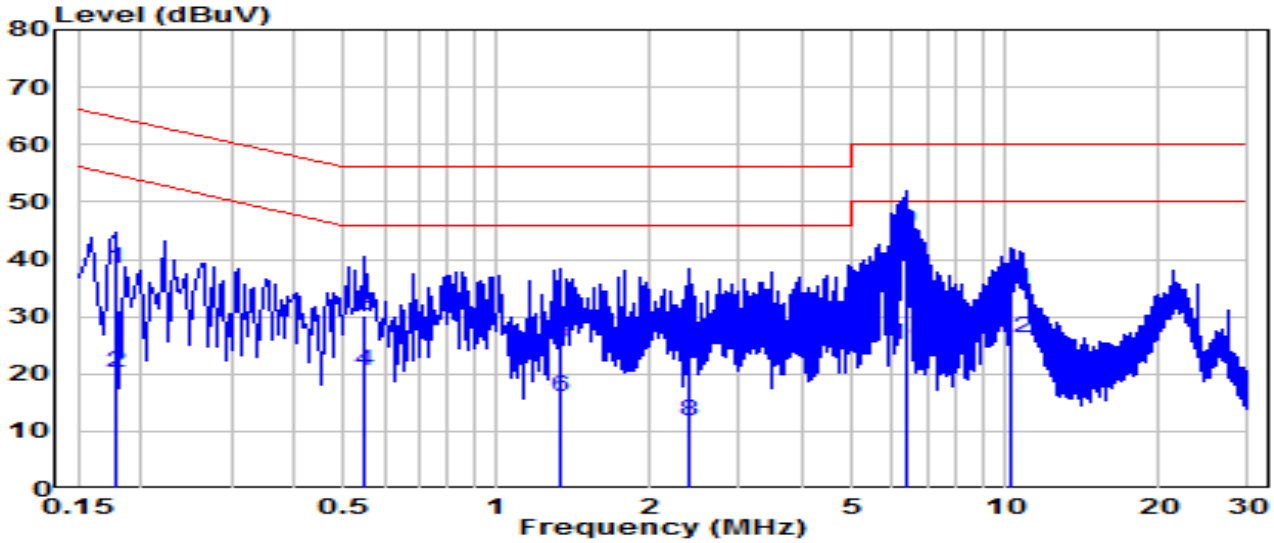



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.186 | 31.36 | 9.62 | 40.98 | -23.24 | 64.21 | QP |
| 2 | | 0.186 | 17.63 | 9.62 | 27.25 | -26.96 | 54.21 | Average |
| 3 | | 0.519 | 29.37 | 9.64 | 39.01 | -16.99 | 56.00 | QP |
| 4 | | 0.519 | 22.85 | 9.64 | 32.49 | -13.51 | 46.00 | Average |
| 5 | | 1.014 | 21.93 | 9.67 | 31.60 | -24.40 | 56.00 | QP |
| 6 | | 1.014 | 12.99 | 9.67 | 22.66 | -23.34 | 46.00 | Average |
| 7 | | 2.530 | 17.40 | 9.70 | 27.11 | -28.89 | 56.00 | QP |
| 8 | | 2.530 | 11.10 | 9.70 | 20.80 | -25.20 | 46.00 | Average |
| 9 | * | 6.229 | 37.67 | 9.78 | 47.45 | -12.55 | 60.00 | QP |
| 10 | * | 6.229 | 22.32 | 9.78 | 32.10 | -17.90 | 50.00 | Average |
| 11 | | 10.072 | 22.69 | 9.87 | 32.56 | -27.44 | 60.00 | QP |
| 12 | | 10.072 | 15.50 | 9.87 | 25.37 | -24.63 | 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 | WLAN / BT Module | Date of Test | 2023-02-13 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 24.5°C /64% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Tim |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 240V/60Hz |

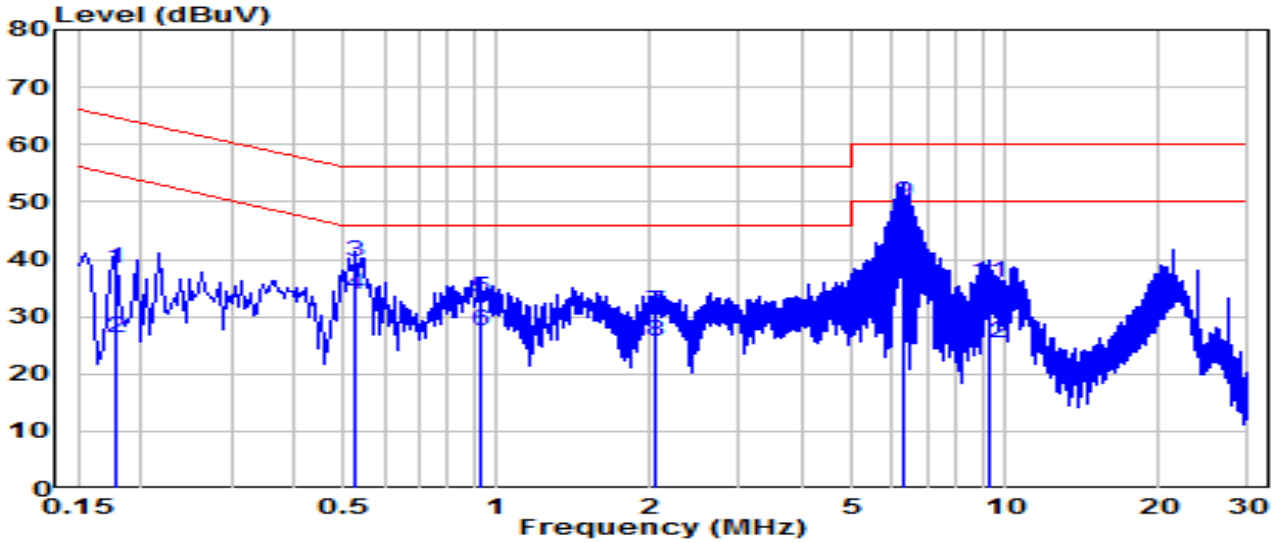



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.177 | 28.84 | 9.62 | 38.47 | -26.16 | 64.63 | QP |
| 2 | | 0.177 | 10.70 | 9.62 | 20.32 | -34.30 | 54.63 | Average |
| 3 | | 0.550 | 20.41 | 9.64 | 30.05 | -25.95 | 56.00 | QP |
| 4 | | 0.550 | 10.79 | 9.64 | 20.44 | -25.56 | 46.00 | Average |
| 5 | | 1.324 | 15.65 | 9.68 | 25.32 | -30.68 | 56.00 | QP |
| 6 | | 1.324 | 6.30 | 9.68 | 15.98 | -30.02 | 46.00 | Average |
| 7 | | 2.400 | 12.36 | 9.70 | 22.06 | -33.94 | 56.00 | QP |
| 8 | | 2.400 | 2.12 | 9.70 | 11.81 | -34.19 | 46.00 | Average |
| 9 | * | 6.382 | 35.28 | 9.78 | 45.06 | -14.94 | 60.00 | QP |
| 10 | * | 6.382 | 15.33 | 9.78 | 25.10 | -24.90 | 50.00 | Average |
| 11 | | 10.274 | 24.39 | 9.86 | 34.25 | -25.75 | 60.00 | QP |
| 12 | | 10.274 | 16.30 | 9.86 | 26.16 | -23.84 | 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 | WLAN / BT Module | Date of Test | 2023-02-13 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 24.5°C /64% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Tim |
| Test Mode | 802.11n-20MHz_TX_Band1_CH 44_ANT 1+2 | Test Voltage | AC 240V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.177 | 28.60 | 9.62 | 38.22 | -26.40 | 64.63 | QP |
| 2 | | 0.177 | 16.50 | 9.62 | 26.13 | -28.50 | 54.63 | Average |
| 3 | | 0.528 | 29.81 | 9.64 | 39.45 | -16.55 | 56.00 | QP |
| 4 | | 0.528 | 24.19 | 9.64 | 33.83 | -12.17 | 46.00 | Average |
| 5 | | 0.933 | 23.69 | 9.67 | 33.35 | -22.65 | 56.00 | QP |
| 6 | | 0.933 | 17.79 | 9.67 | 27.45 | -18.55 | 46.00 | Average |
| 7 | | 2.058 | 21.18 | 9.69 | 30.87 | -25.13 | 56.00 | QP |
| 8 | | 2.058 | 15.91 | 9.69 | 25.60 | -20.40 | 46.00 | Average |
| 9 | * | 6.269 | 40.02 | 9.78 | 49.80 | -10.20 | 60.00 | QP |
| 10 | * | 6.269 | 24.23 | 9.78 | 34.01 | -15.99 | 50.00 | Average |
| 11 | | 9.244 | 26.22 | 9.85 | 36.07 | -23.93 | 60.00 | QP |
| 12 | | 9.244 | 15.41 | 9.85 | 25.26 | -24.74 | 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 in compliance with Part 15E of the FCC Rules.

# Appendix A : Test Photograph

Refer to “2301TW0110-UT” file.

# Appendix B : External Photograph

Refer to “2301TW0110-UE” file.

# Appendix C : Internal Photograph

Refer to “2301TW0110-UI” file.

The End