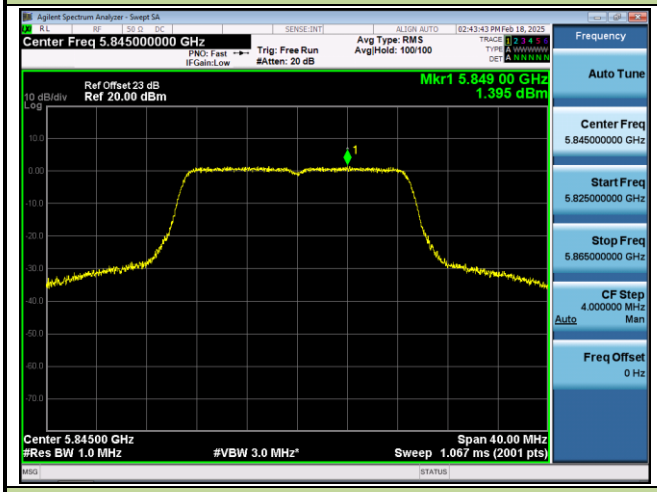
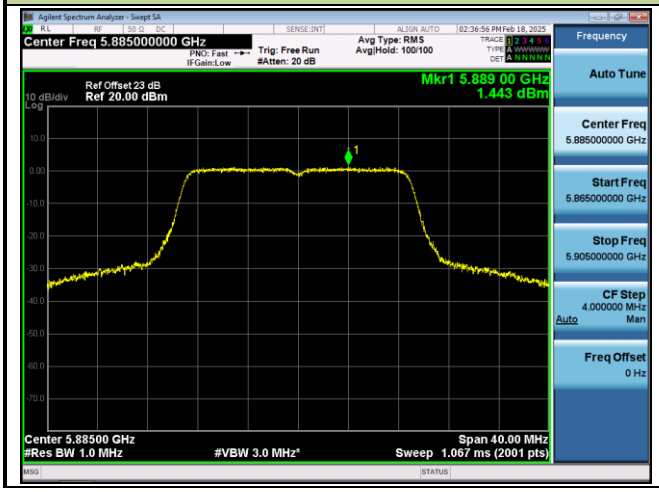
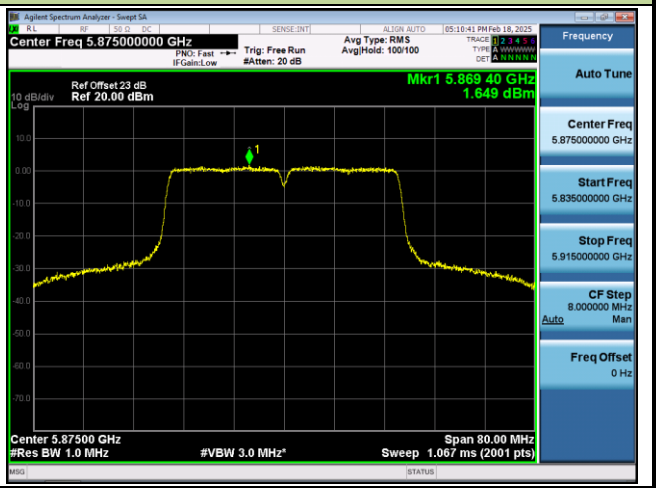
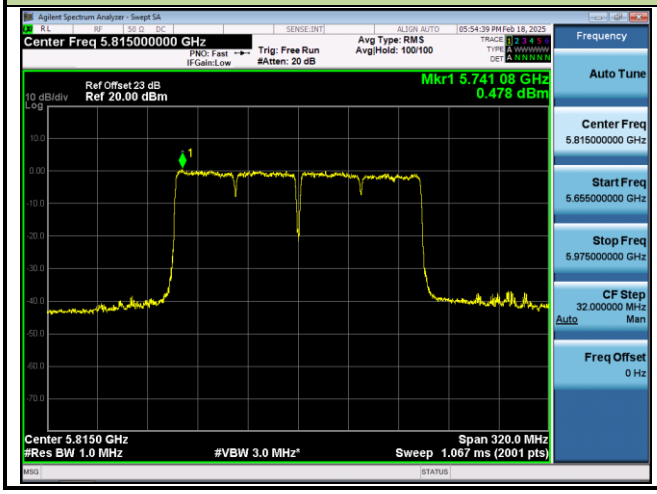
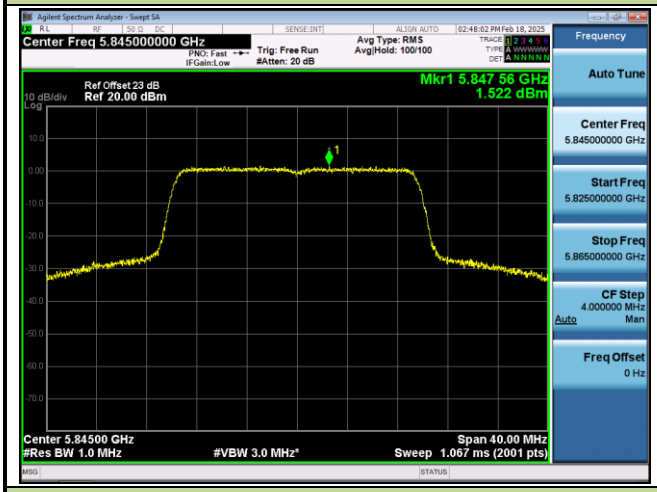
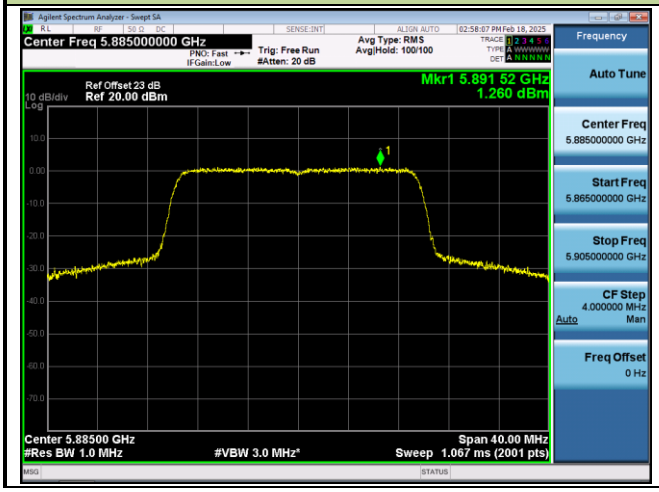
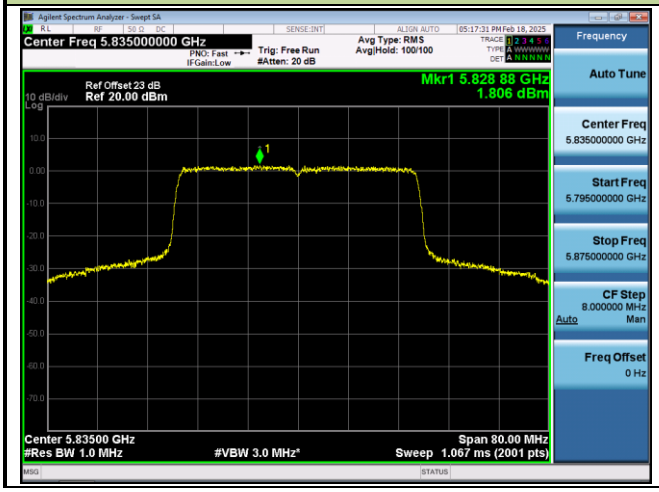
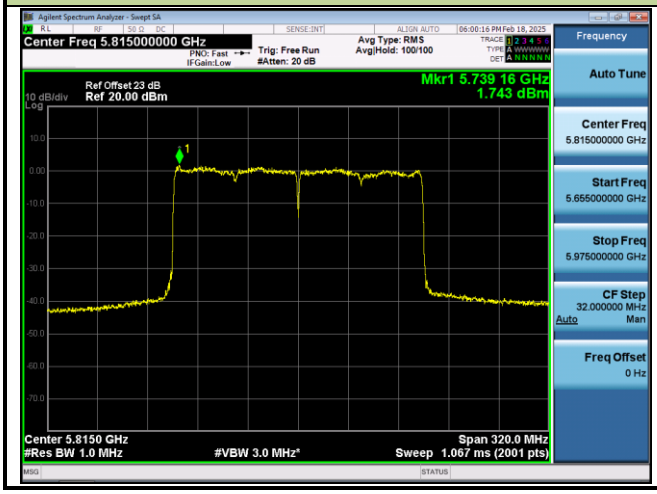
| 802.11ac-VHT20 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

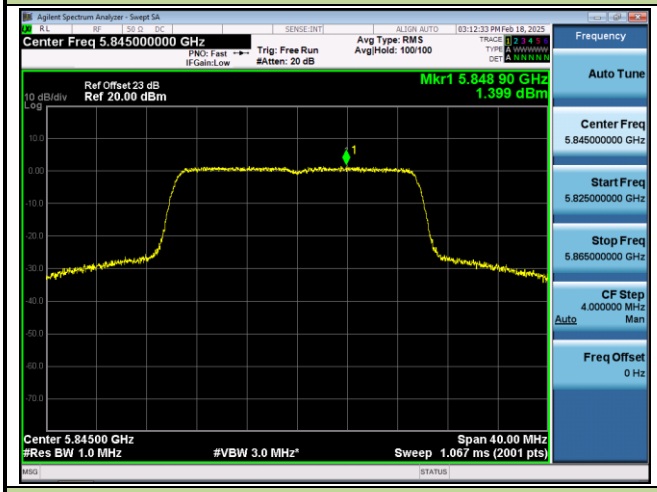
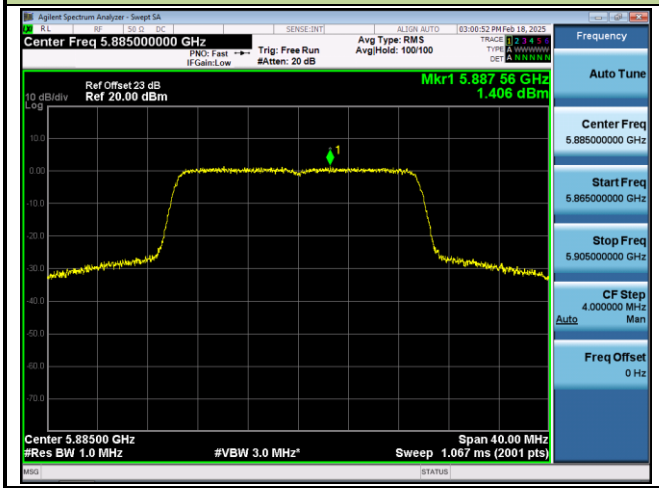
| 802.11ac-VHT40 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

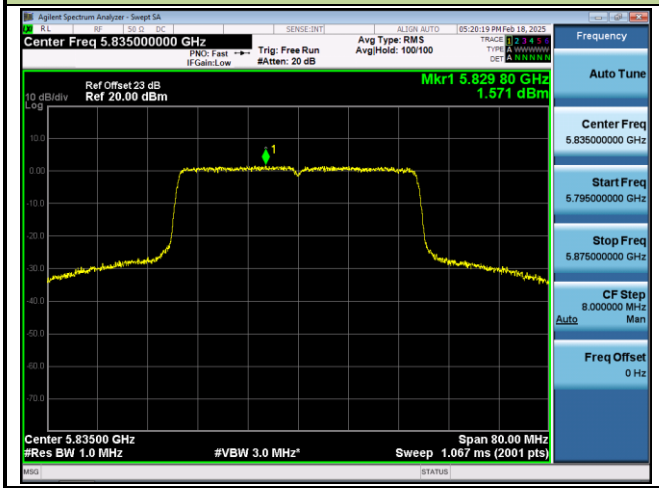
| 802.11ac-VHT80 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11ac-VHT160 Power Spectral Density - Ant 2 | |
| Channel 163 (5815MHz) | |
|  | |

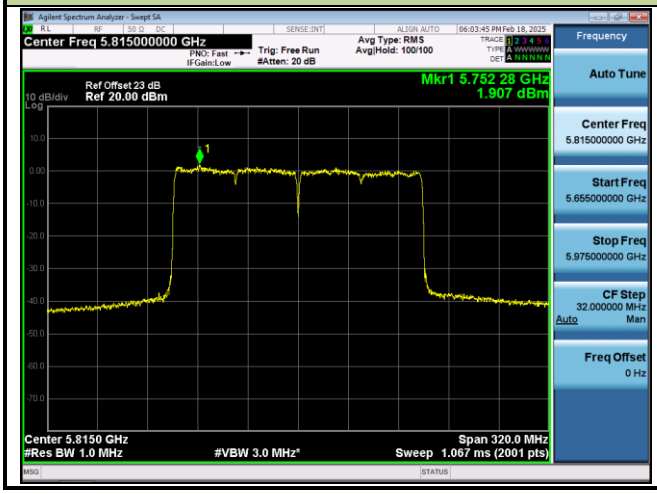
| 802.11ax-HE20 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

| 802.11 ax-HE40 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

| 802.11 ax-HE80 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11 ax-HE160 Power Spectral Density - Ant 2 | |
| Channel 163 (5815MHz) | |
|  | |

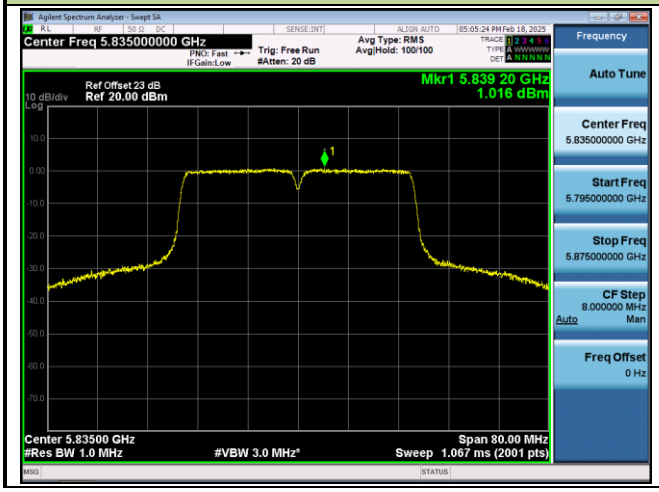
| 802.11 be-EHT20 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

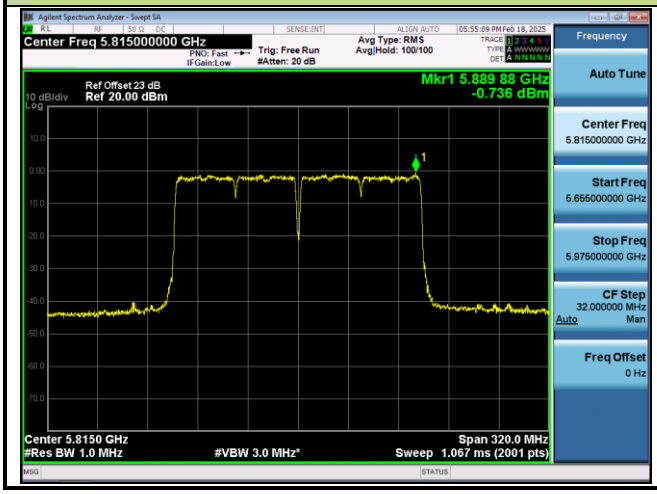
| 802.11 be-EHT40 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

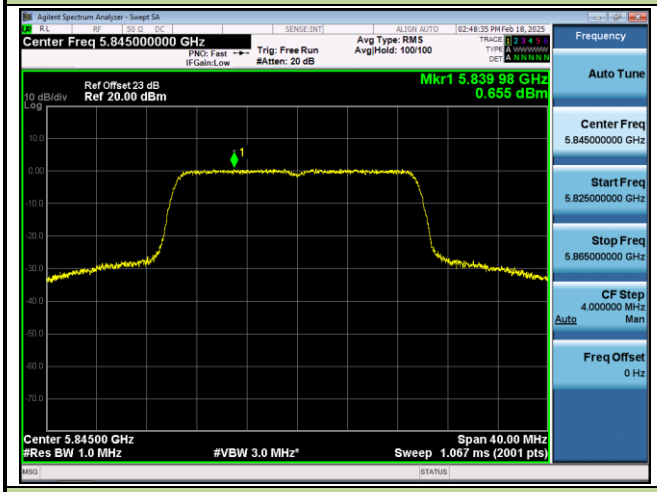
| 802.11 be-EHT80 Power Spectral Density - Ant 2 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11be-EHT160 Power Spectral Density - Ant 2 | |
| Channel 163 (5815MHz) | |
|  | |

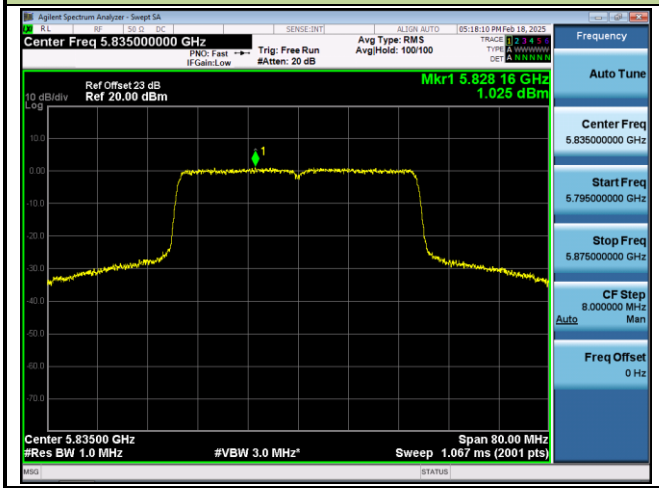
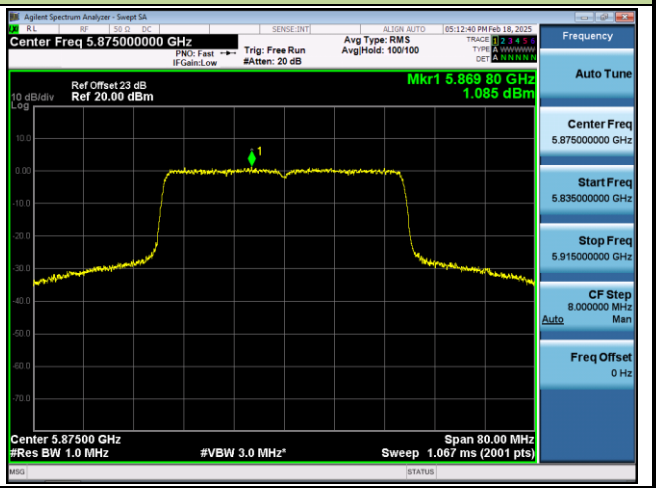
| 802.11a Power Spectral Density - Ant 3 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

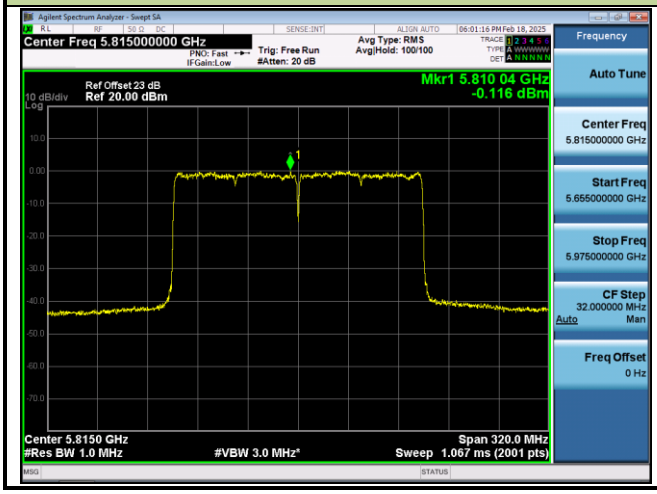
| 802.11ac-VHT20 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

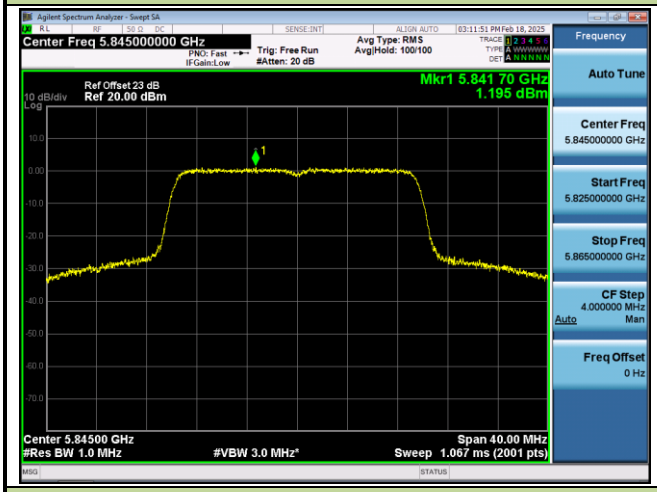
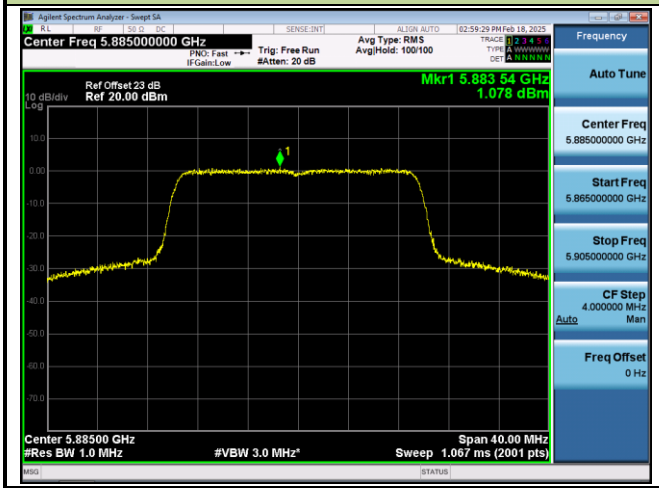
| 802.11ac-VHT40 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

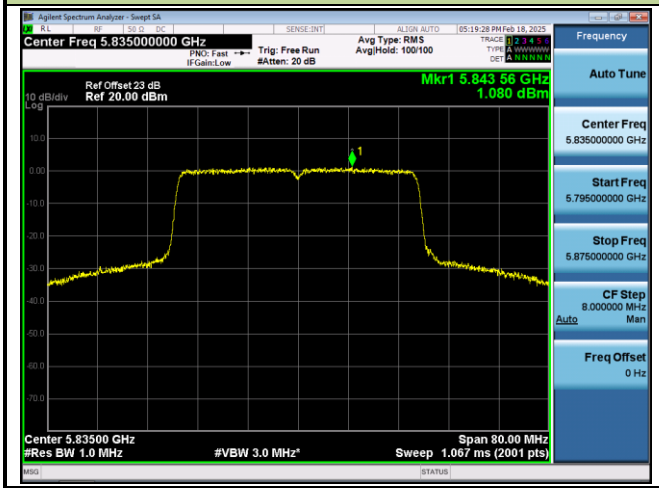
| 802.11ac-VHT80 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11ac-VHT160 Power Spectral Density - Ant 3 | |
| Channel 163 (5815MHz) | |
|  | |

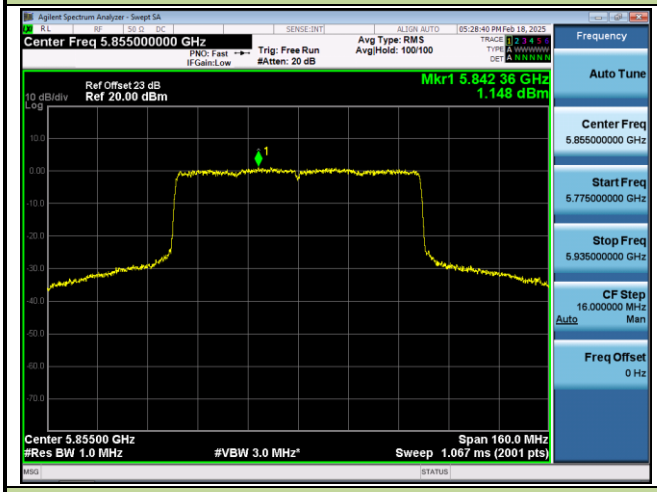
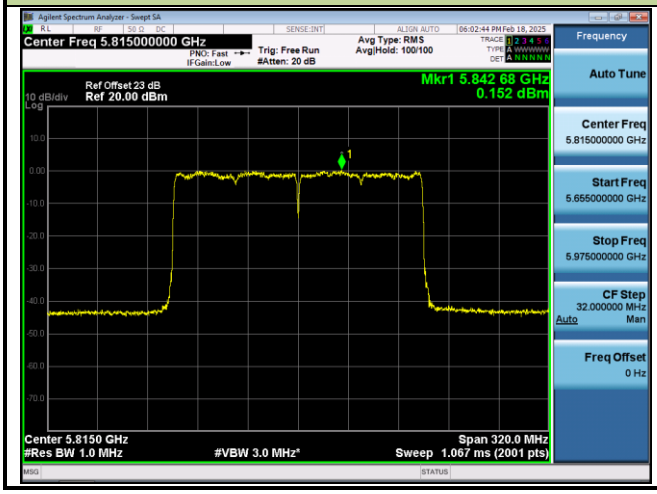
| 802.11ax-HE20 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

| 802.11 ax-HE40 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

| 802.11 ax-HE80 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11 ax-HE160 Power Spectral Density - Ant 3 | |
| Channel 163 (5815MHz) | |
|  | |

| 802.11 be-EHT20 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 169 (5845MHz) | Channel 173 (5865MHz) |
|  |  |
| Channel 177 (5885MHz) | |
|  | |

| 802.11 be-EHT40 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 167 (5835MHz) | Channel 175 (5875MHz) |
|  |  |

| 802.11 be-EHT80 Power Spectral Density - Ant 3 | |
|---|---|
| Channel 171 (5855MHz) | |
|  | |
| 802.11be-EHT160 Power Spectral Density - Ant 3 | |
| Channel 163 (5815MHz) | |
|  | |

# 7.6. Frequency Stability Measurement

## 7.6.1.Test Limit

Manufactures of U-NII 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 Procedure

**Frequency Stability Under Temperature Variations:**

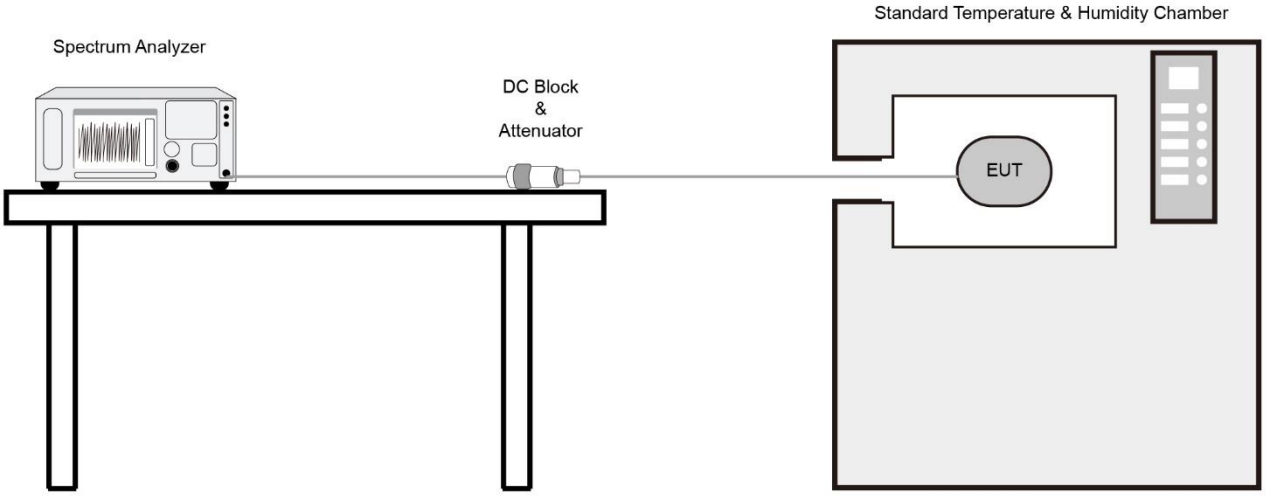
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 Procedure




### 7.6.4.Test Result

Grantee ensure that the product meets e-CFR Title 47 section 15.407(g) and KDB 789033 D02v02r01 frequency stability such that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

## 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 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 |

### 7.7.2.Test Procedure Used

KDB 789033 D02v02r01- Section 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

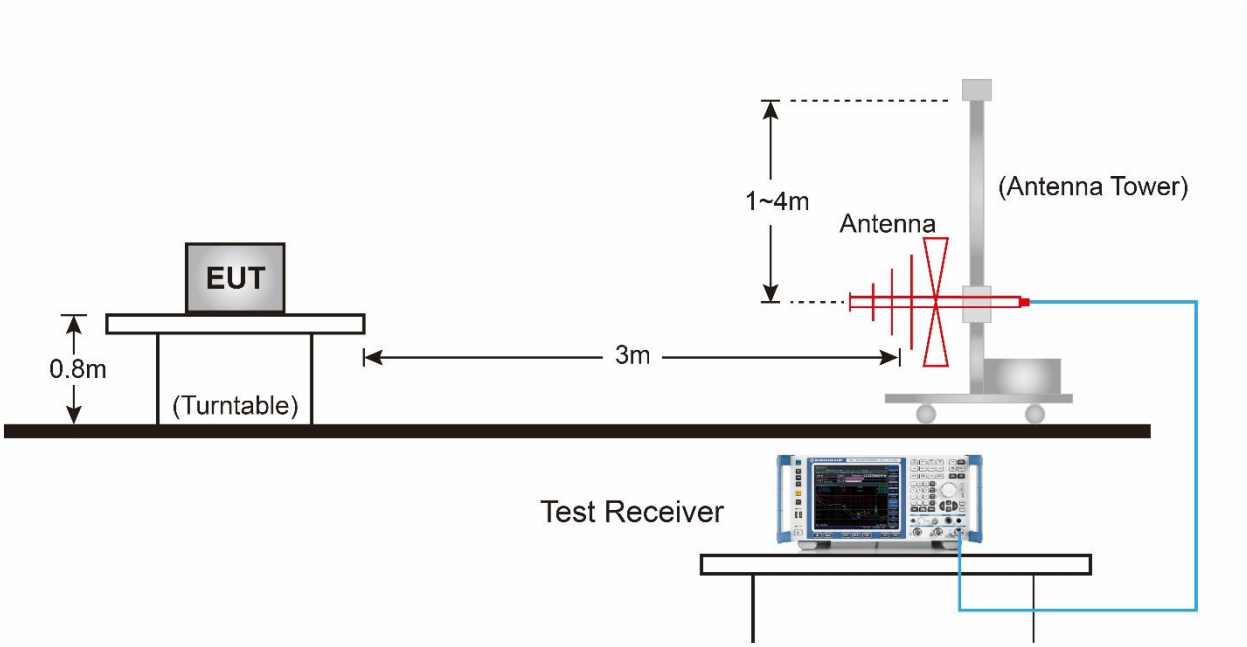
5. Sweep time = auto

6. Trace mode = max hold

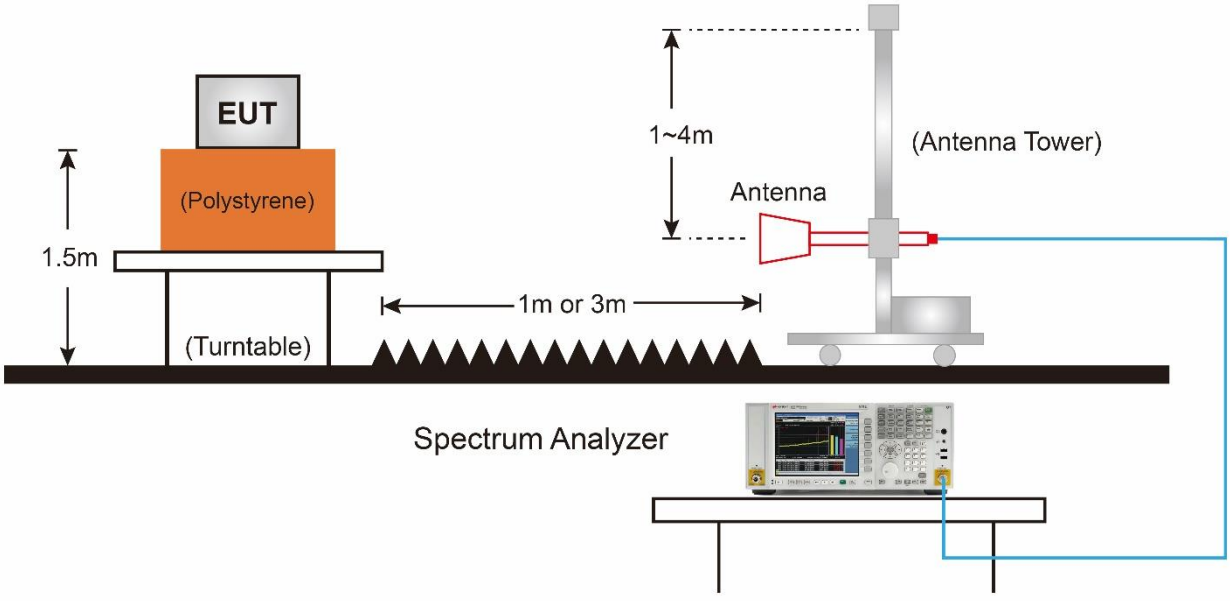
7. Trace was allowed to stabilize

### 7.7.4.Test Setup

Below 1GHz Test Setup:

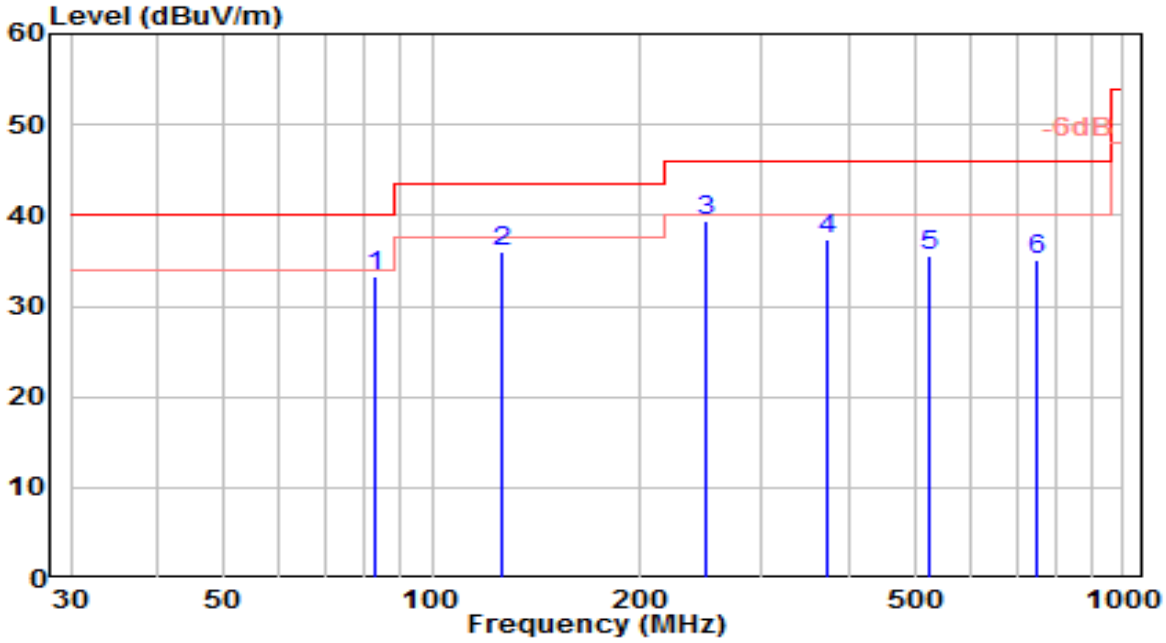



Above 1GHz Test Setup:



### 7.7.5.Test Result

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-01-21 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 22°C /49% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Tim |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

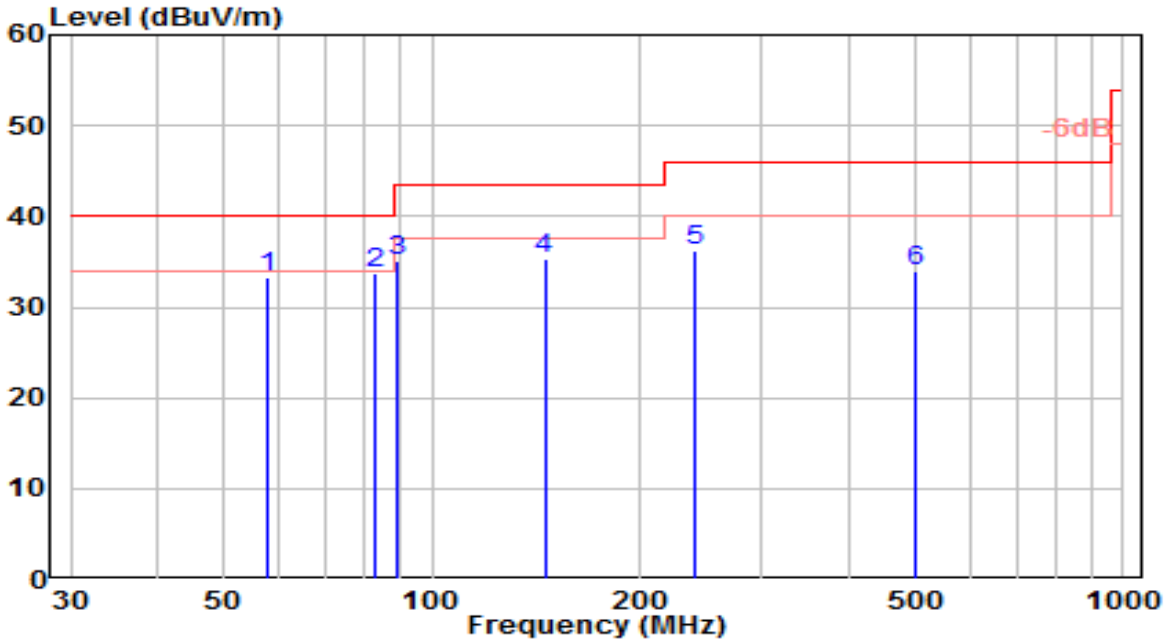



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 82.854 | 18.36 | 14.97 | 33.33 | -6.67 | 40.00 | 150 | 340 | QP |
| 2 | | 126.306 | 19.47 | 16.42 | 35.89 | -7.61 | 43.50 | 150 | 45 | QP |
| 3 | * | 248.933 | 19.03 | 20.37 | 39.41 | -6.59 | 46.00 | 150 | 225 | QP |
| 4 | | 373.825 | 14.06 | 23.38 | 37.43 | -8.57 | 46.00 | 100 | 40 | QP |
| 5 | | 523.133 | 9.75 | 25.77 | 35.52 | -10.48 | 46.00 | 100 | 175 | QP |
| 6 | | 751.314 | 5.57 | 29.61 | 35.18 | -10.82 | 46.00 | 150 | 110 | 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.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-01-21 |
|---|---|---|---|
| Factor | VULB 9162 | Temp. / Humidity | 22°C /49% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Tim |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

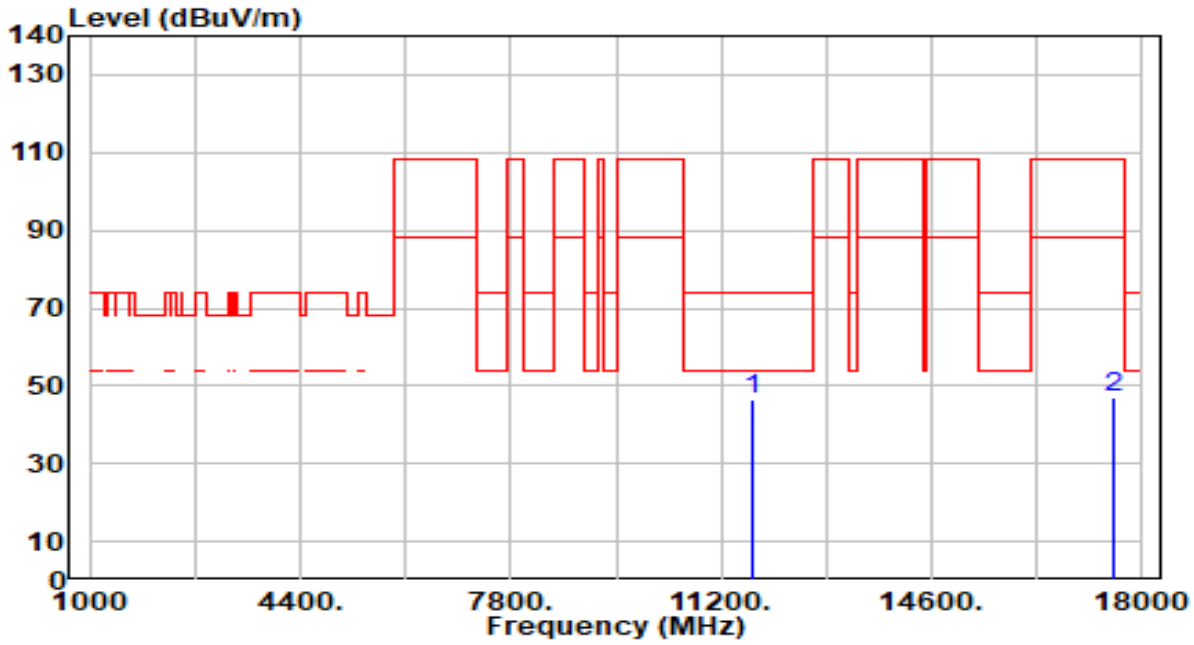



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 57.875 | 13.09 | 20.19 | 33.28 | -6.72 | 40.00 | 100 | 55 | QP |
| 2 | * | 83.046 | 18.74 | 15.03 | 33.77 | -6.23 | 40.00 | 100 | 50 | QP |
| 3 | | 88.688 | 18.31 | 16.75 | 35.06 | -8.44 | 43.50 | 150 | 5 | QP |
| 4 | | 145.496 | 19.92 | 15.44 | 35.36 | -8.14 | 43.50 | 100 | 320 | QP |
| 5 | | 239.141 | 16.40 | 19.87 | 36.27 | -9.73 | 46.00 | 100 | 165 | QP |
| 6 | | 499.296 | 8.46 | 25.47 | 33.93 | -12.07 | 46.00 | 100 | 335 | 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.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

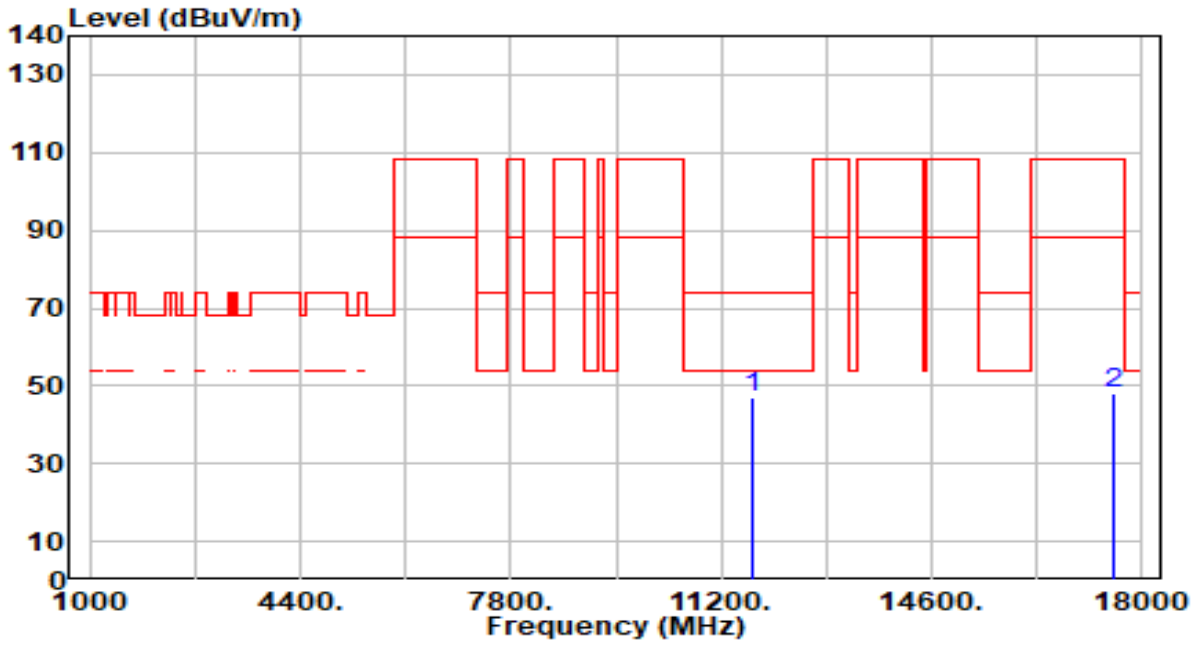



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 40.90 | 5.37 | 46.27 | -27.73 | 74.00 | 100 | 140 | Peak |
| 2 | | 17535.000 | 41.86 | 5.16 | 47.02 | -61.18 | 108.20 | 100 | 71 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

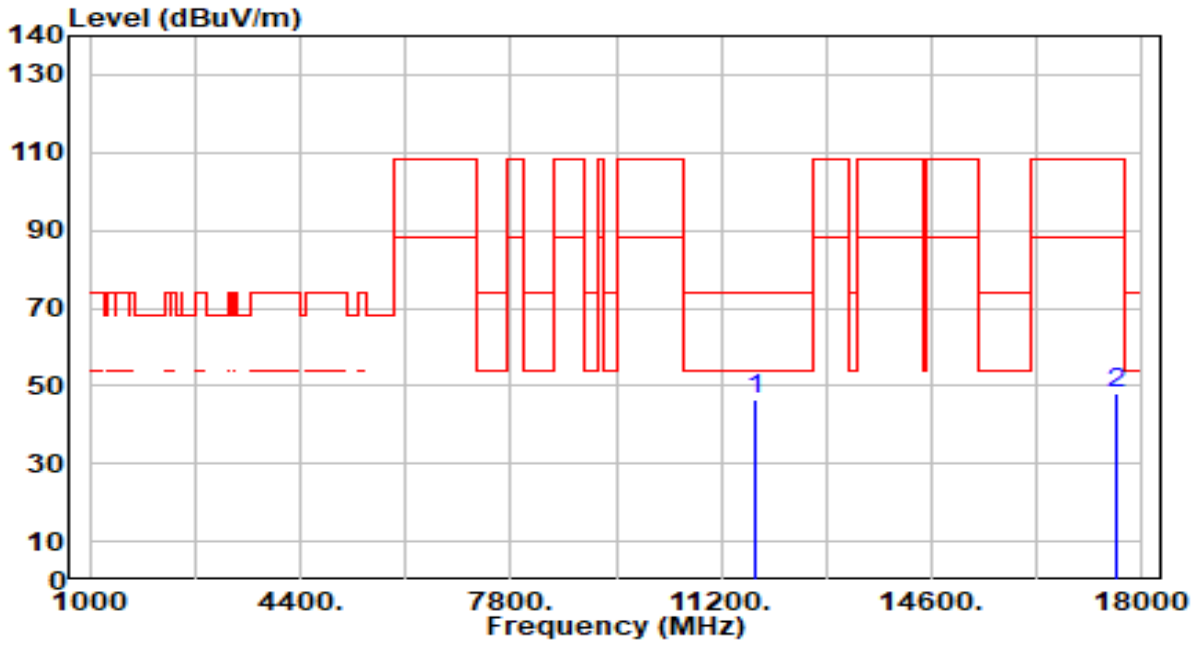



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 41.48 | 5.37 | 46.85 | -27.15 | 74.00 | 100 | 153 | Peak |
| 2 | | 17535.000 | 42.81 | 5.16 | 47.97 | -60.23 | 108.20 | 100 | 197 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

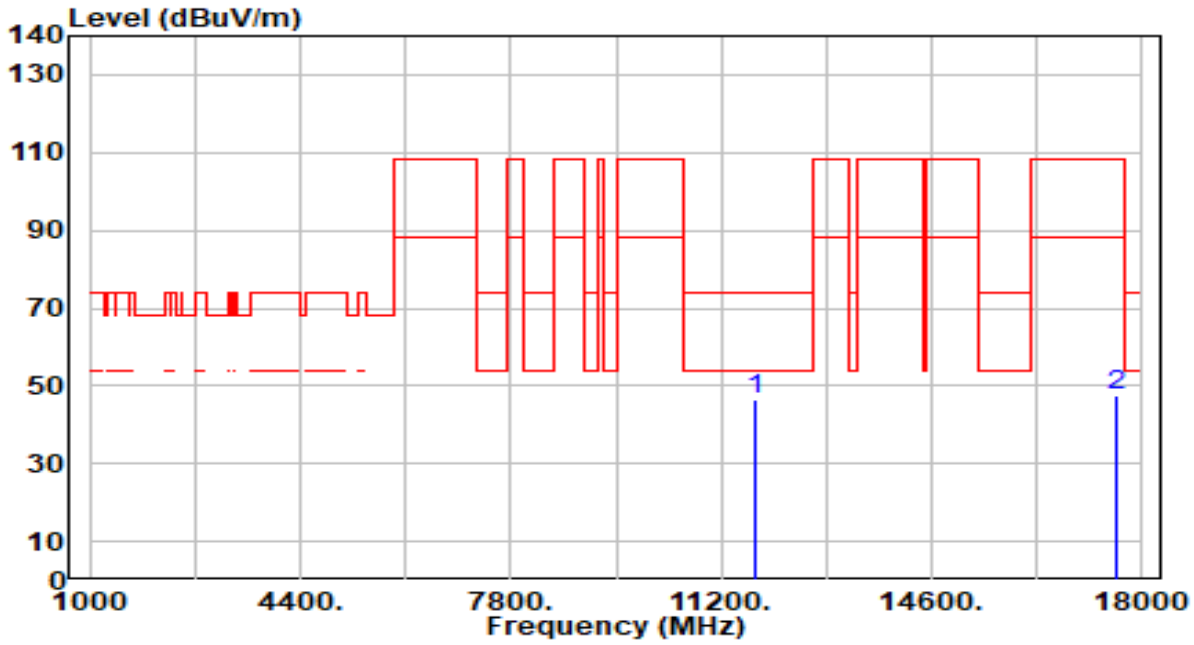



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 41.20 | 5.36 | 46.56 | -27.44 | 74.00 | 100 | 42 | Peak |
| 2 | | 17595.000 | 42.73 | 5.32 | 48.04 | -60.16 | 108.20 | 100 | 65 | Peak |

Note:

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

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

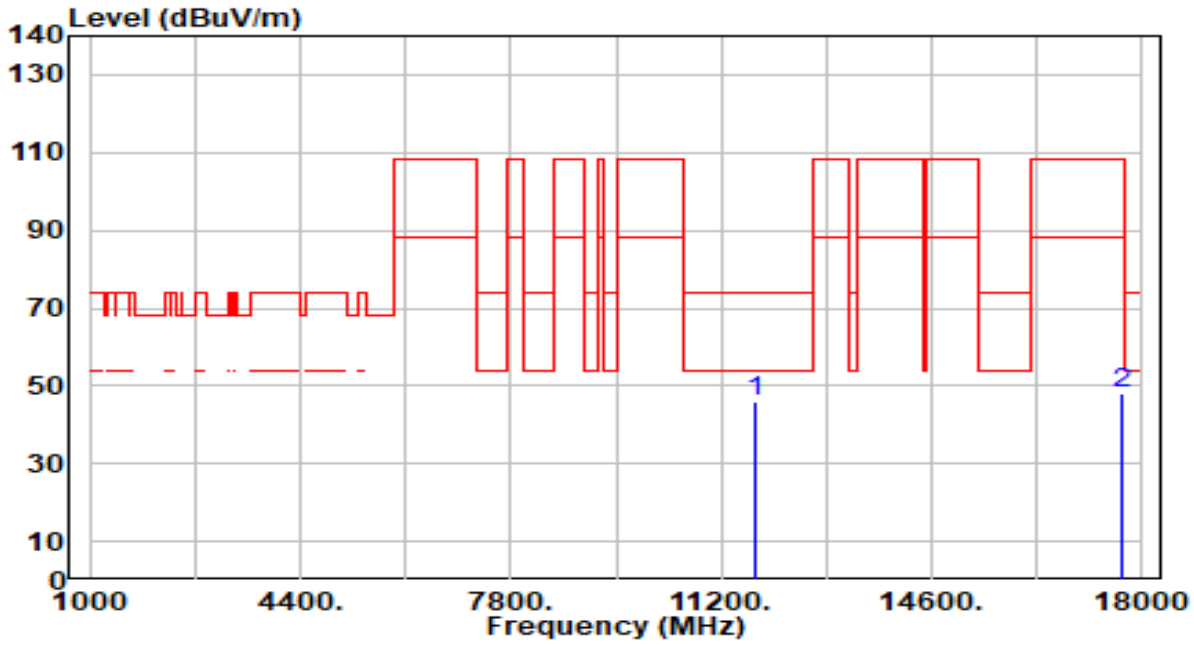



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 40.98 | 5.36 | 46.35 | -27.65 | 74.00 | 100 | 28 | Peak |
| 2 | | 17595.000 | 42.37 | 5.32 | 47.69 | -60.51 | 108.20 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

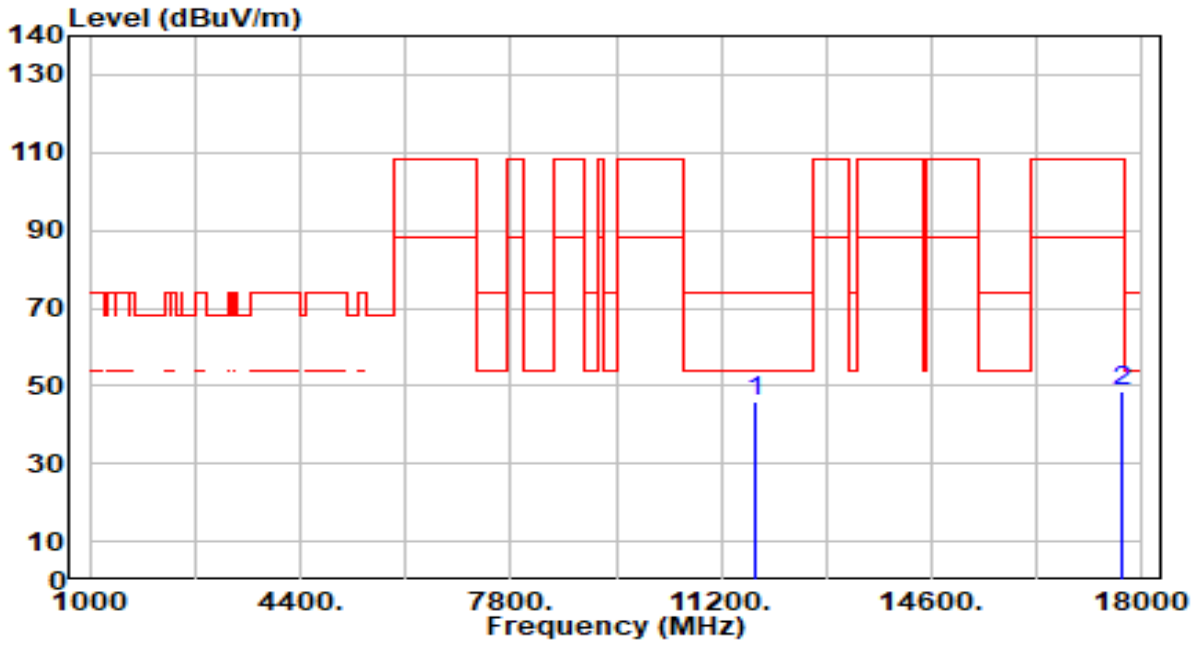



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 40.84 | 5.36 | 46.20 | -27.80 | 74.00 | 100 | 0 | Peak |
| 2 | | 17655.000 | 42.83 | 5.36 | 48.19 | -60.01 | 108.20 | 100 | 274 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

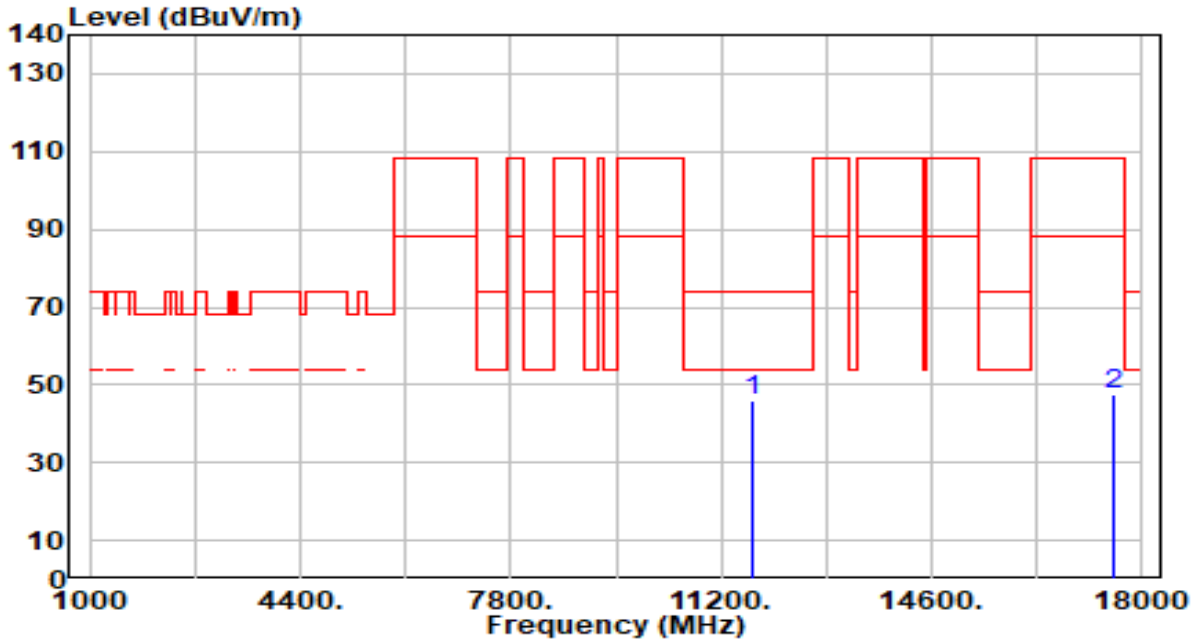



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 40.72 | 5.36 | 46.08 | -27.92 | 74.00 | 100 | 137 | Peak |
| 2 | | 17655.000 | 43.02 | 5.36 | 48.38 | -59.82 | 108.20 | 100 | 324 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

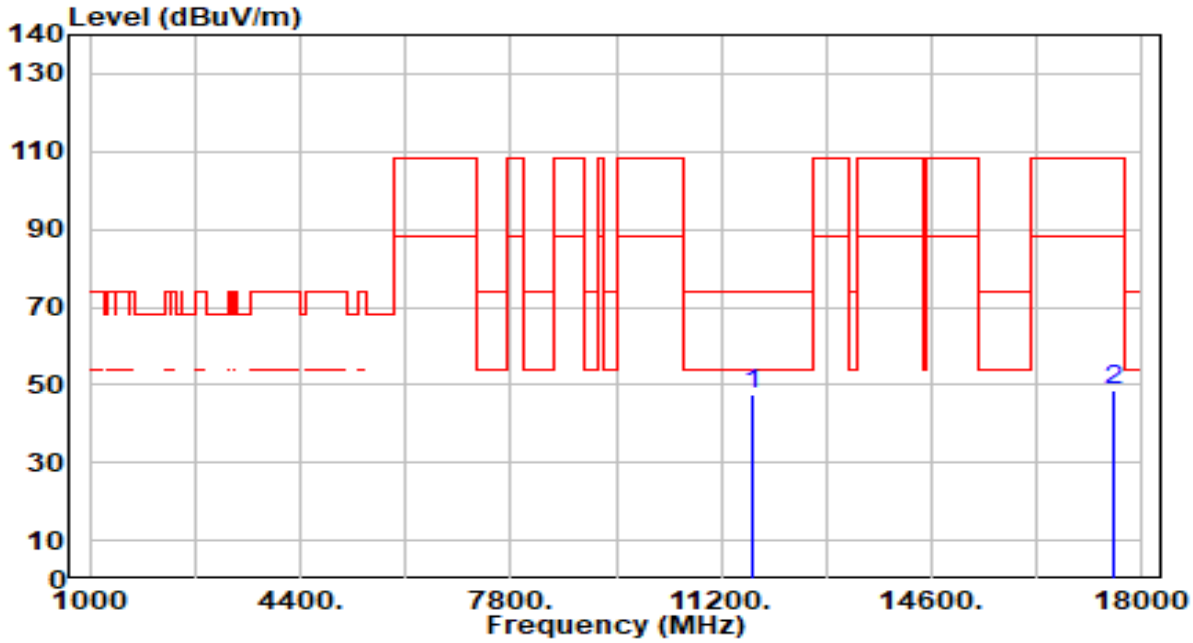



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 40.62 | 5.37 | 45.99 | -28.01 | 74.00 | 100 | 360 | Peak |
| 2 | | 17535.000 | 42.20 | 5.16 | 47.36 | -60.84 | 108.20 | 100 | 19 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

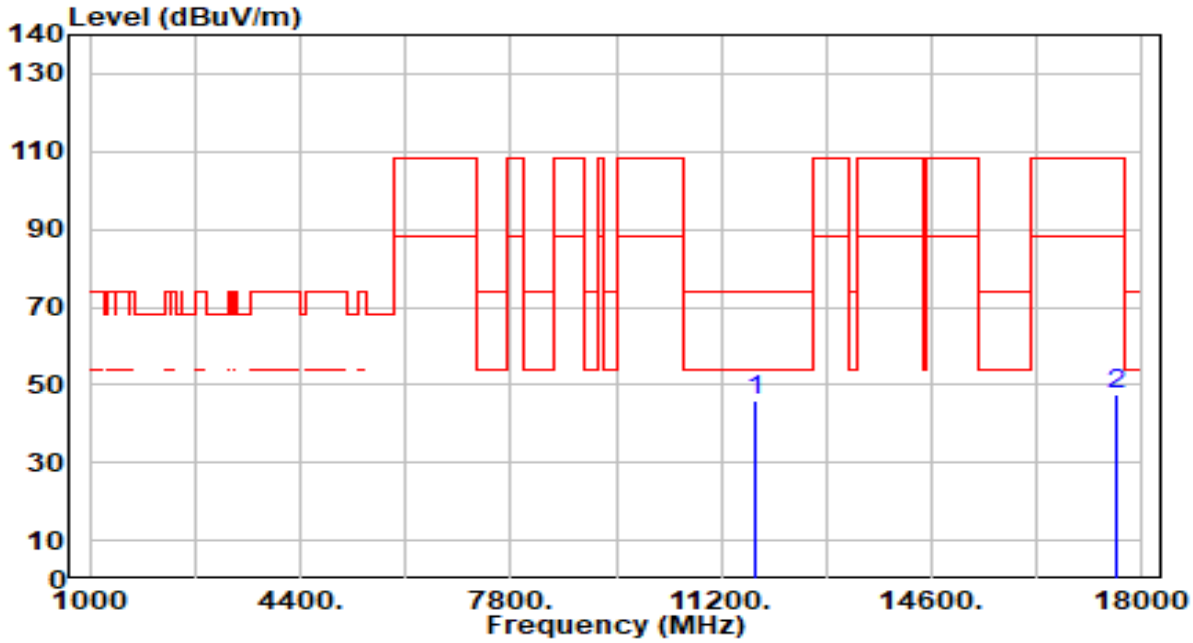



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 41.98 | 5.37 | 47.35 | -26.65 | 74.00 | 100 | 141 | Peak |
| 2 | | 17535.000 | 43.42 | 5.16 | 48.58 | -59.62 | 108.20 | 100 | 250 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

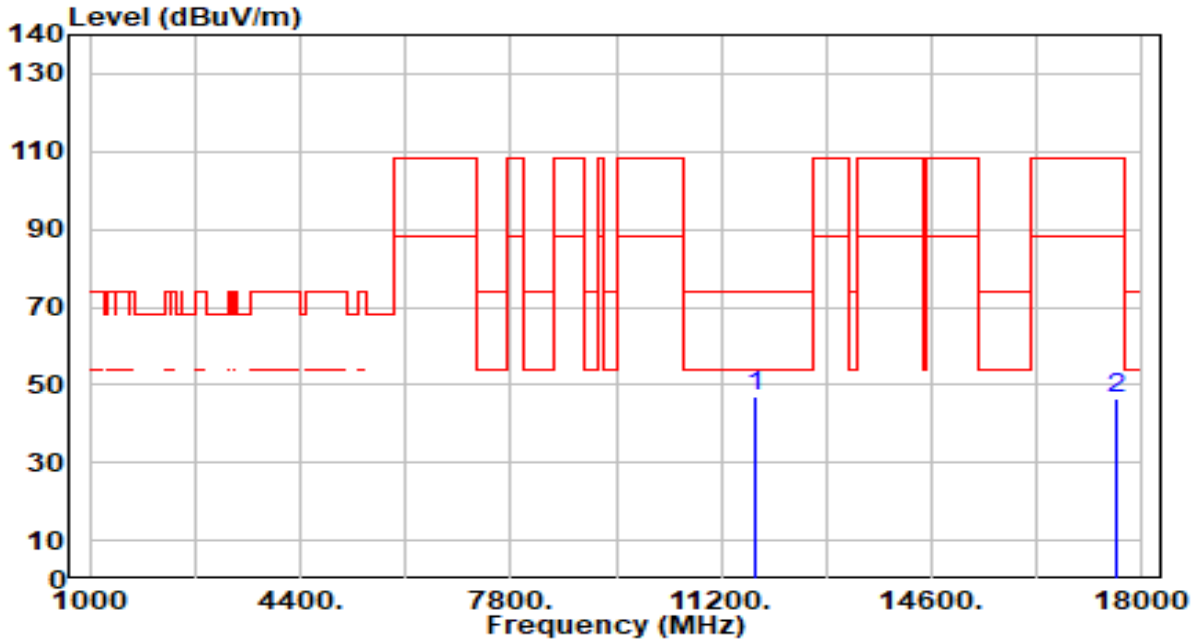



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 40.43 | 5.36 | 45.79 | -28.21 | 74.00 | 100 | 1 | Peak |
| 2 | | 17595.000 | 42.21 | 5.32 | 47.52 | -60.68 | 108.20 | 100 | 22 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

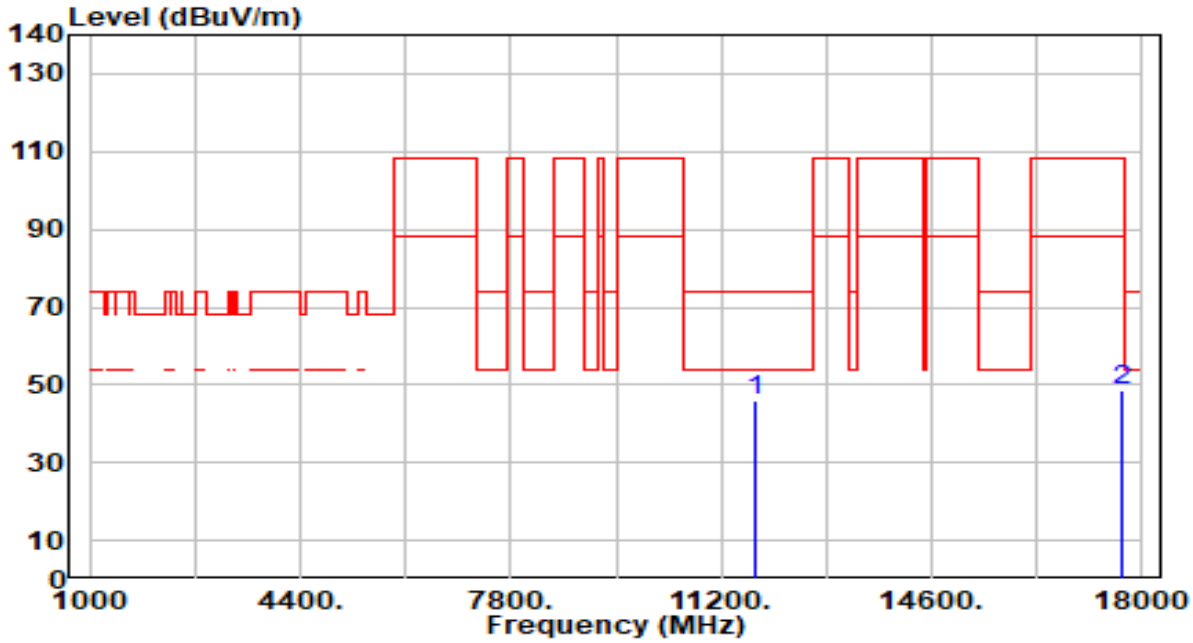



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 41.88 | 5.36 | 47.24 | -26.76 | 74.00 | 100 | 8 | Peak |
| 2 | | 17595.000 | 41.33 | 5.32 | 46.64 | -61.56 | 108.20 | 100 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

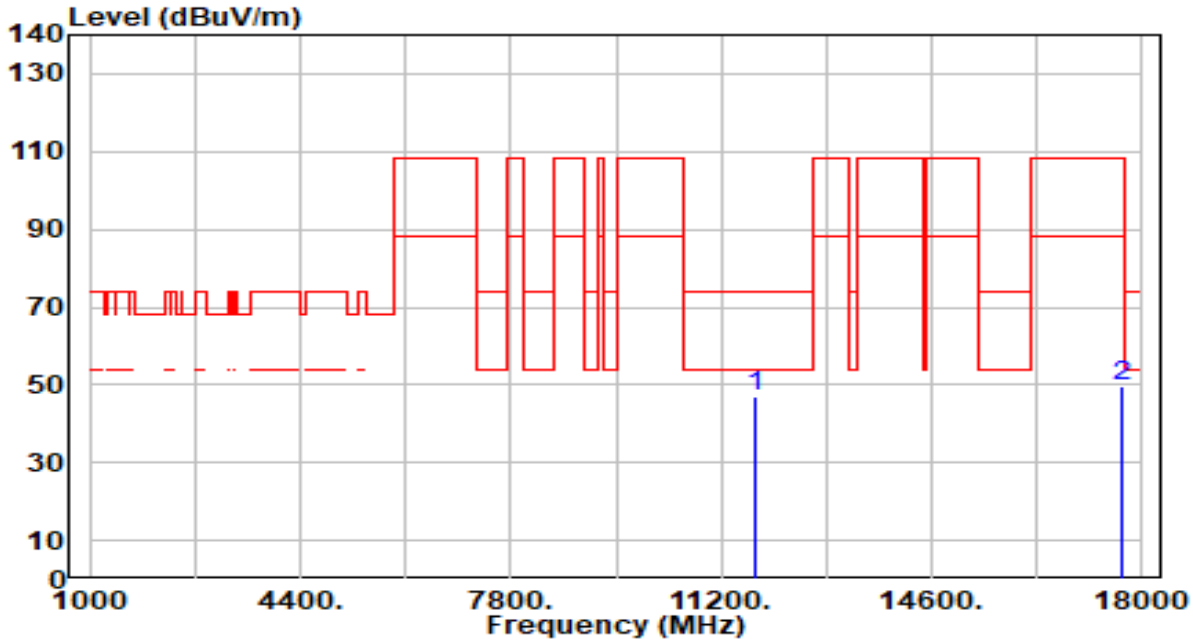



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 40.69 | 5.36 | 46.05 | -27.95 | 74.00 | 100 | 122 | Peak |
| 2 | | 17655.000 | 43.19 | 5.36 | 48.56 | -59.64 | 108.20 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

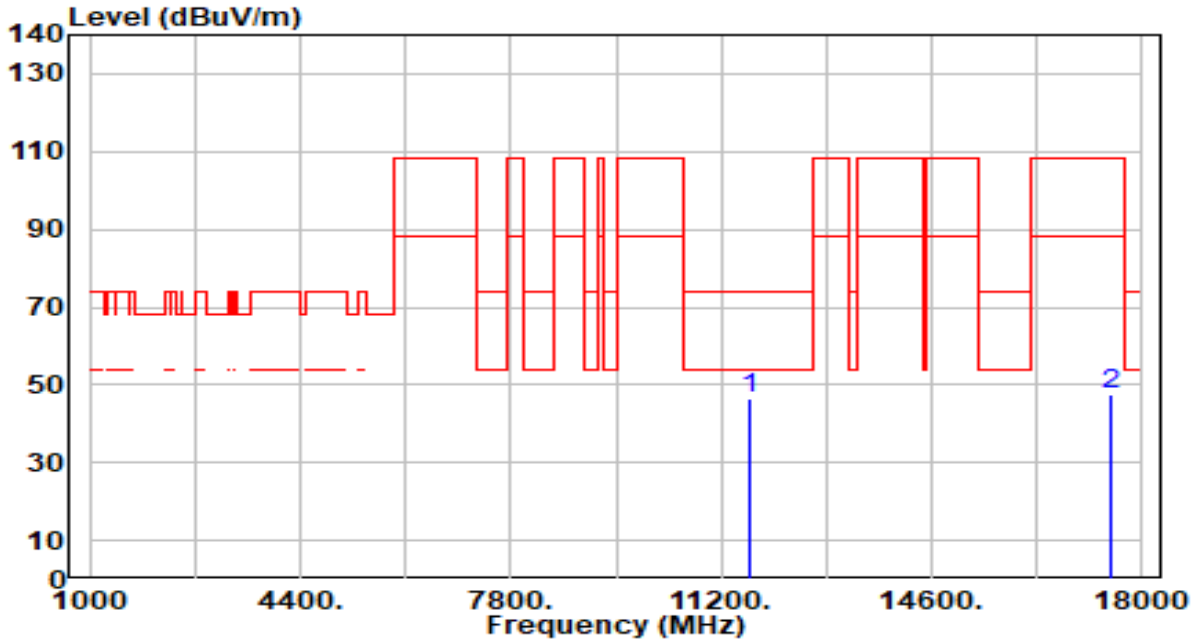



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 41.64 | 5.36 | 47.00 | -27.00 | 74.00 | 100 | 66 | Peak |
| 2 | | 17655.000 | 44.07 | 5.36 | 49.44 | -58.76 | 108.20 | 100 | 356 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

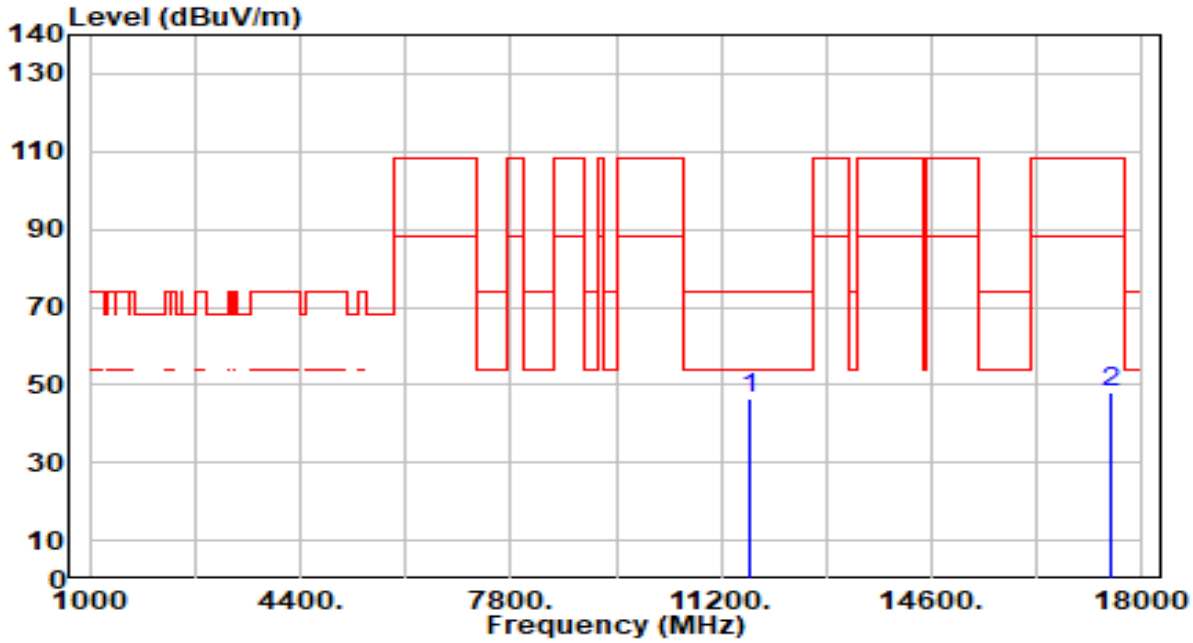



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 41.34 | 5.37 | 46.71 | -27.29 | 74.00 | 300 | 223 | Peak |
| 2 | | 17505.000 | 42.31 | 5.08 | 47.39 | -60.81 | 108.20 | 100 | 57 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

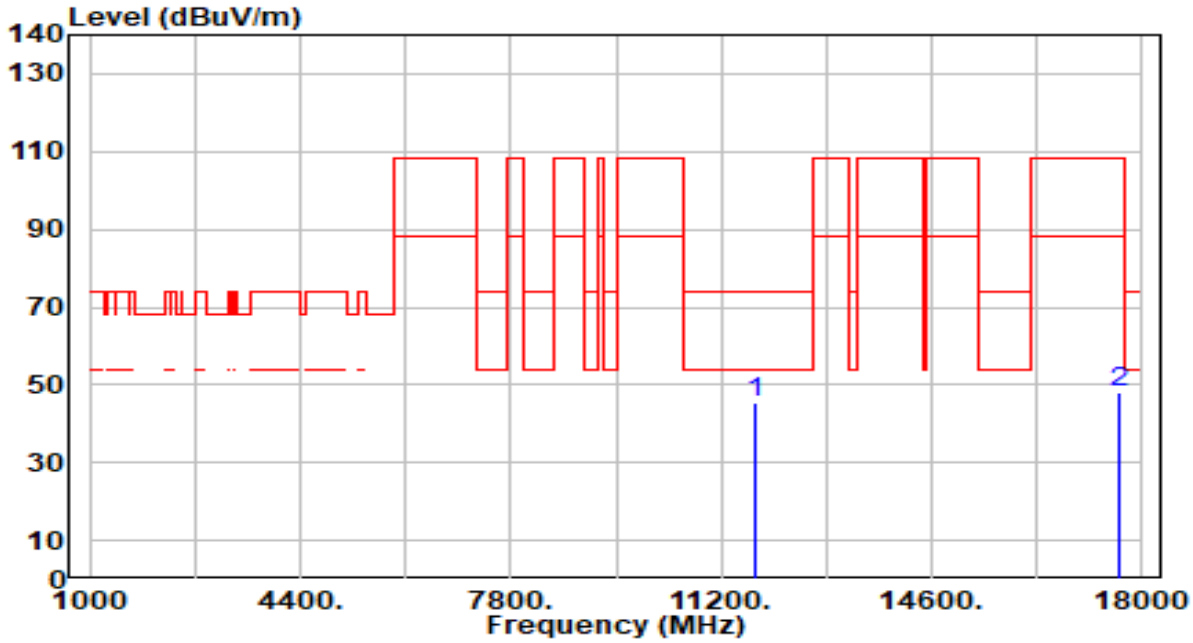



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 41.27 | 5.37 | 46.64 | -27.36 | 74.00 | 300 | 151 | Peak |
| 2 | | 17505.000 | 42.75 | 5.08 | 47.83 | -60.37 | 108.20 | 121 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

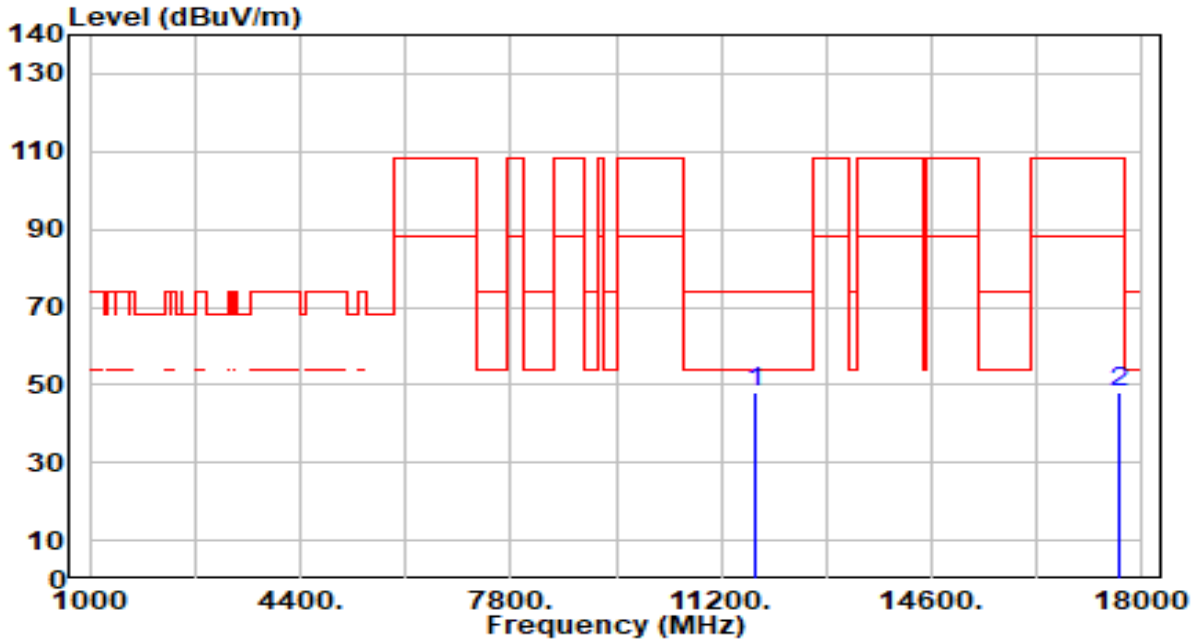



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 40.17 | 5.36 | 45.53 | -28.47 | 74.00 | 100 | 40 | Peak |
| 2 | | 17625.000 | 42.47 | 5.34 | 47.82 | -60.38 | 108.20 | 100 | 189 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

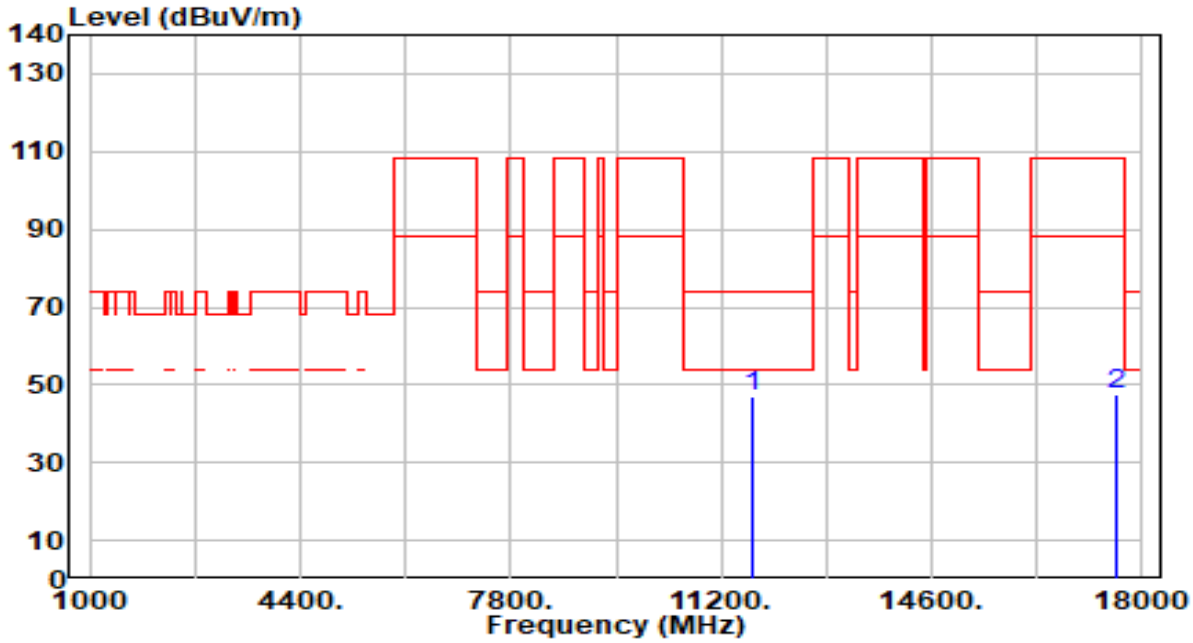



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 42.58 | 5.36 | 47.94 | -26.06 | 74.00 | 100 | 356 | Peak |
| 2 | | 17625.000 | 42.91 | 5.34 | 48.25 | -59.95 | 108.20 | 100 | 22 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

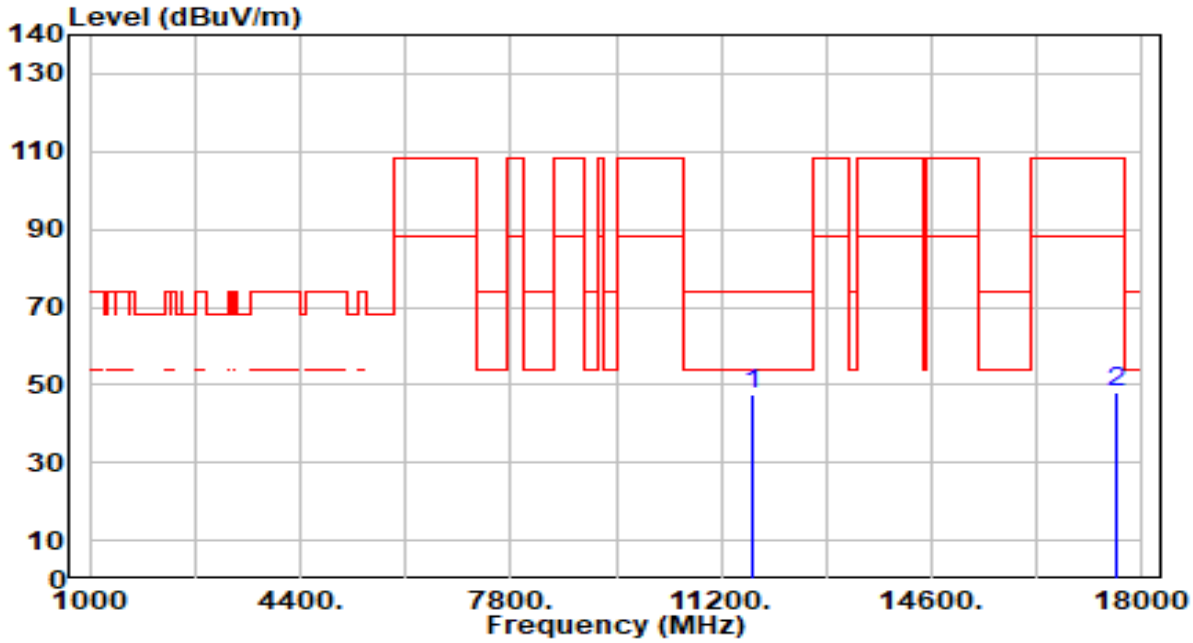



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 41.86 | 5.37 | 47.22 | -26.78 | 74.00 | 100 | 86 | Peak |
| 2 | | 17565.000 | 42.40 | 5.24 | 47.64 | -60.56 | 108.20 | 100 | 342 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

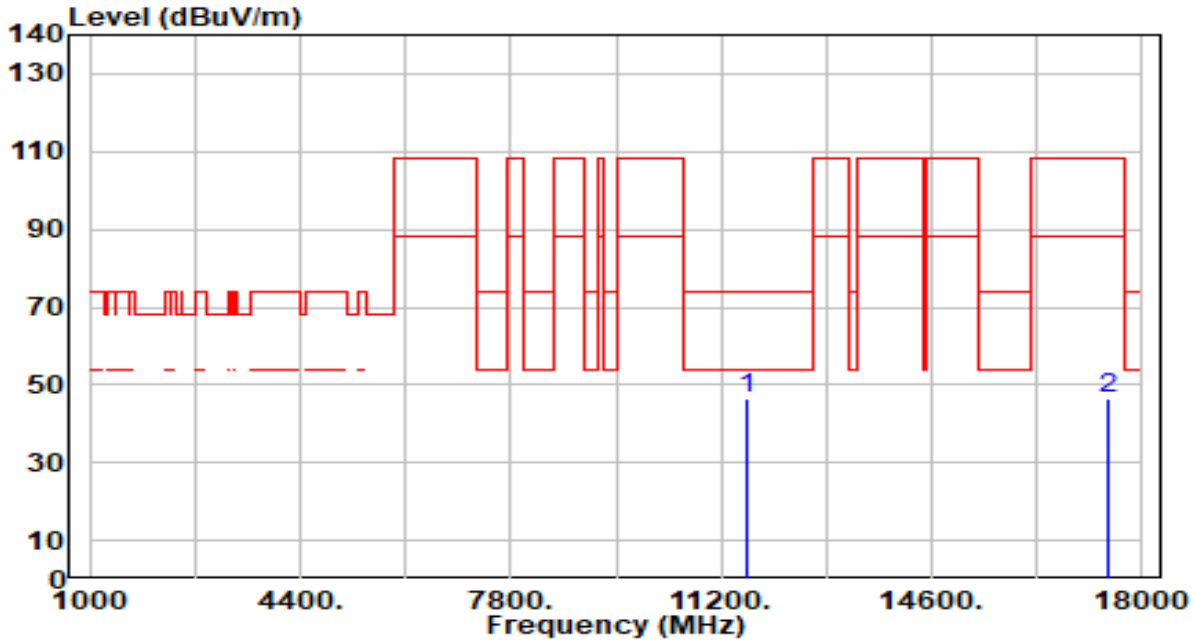



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 41.92 | 5.37 | 47.29 | -26.71 | 74.00 | 100 | 100 | Peak |
| 2 | | 17565.000 | 42.70 | 5.24 | 47.94 | -60.26 | 108.20 | 100 | 241 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

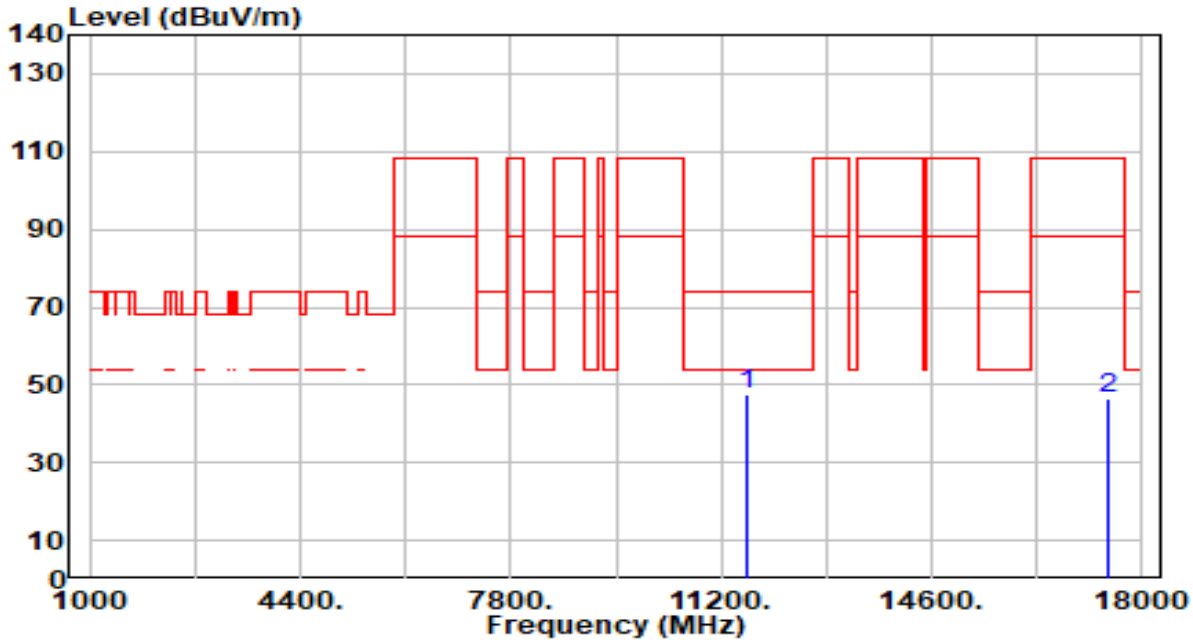



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 41.33 | 5.37 | 46.70 | -27.30 | 74.00 | 168 | 360 | Peak |
| 2 | | 17445.000 | 41.46 | 4.97 | 46.43 | -61.77 | 108.20 | 100 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

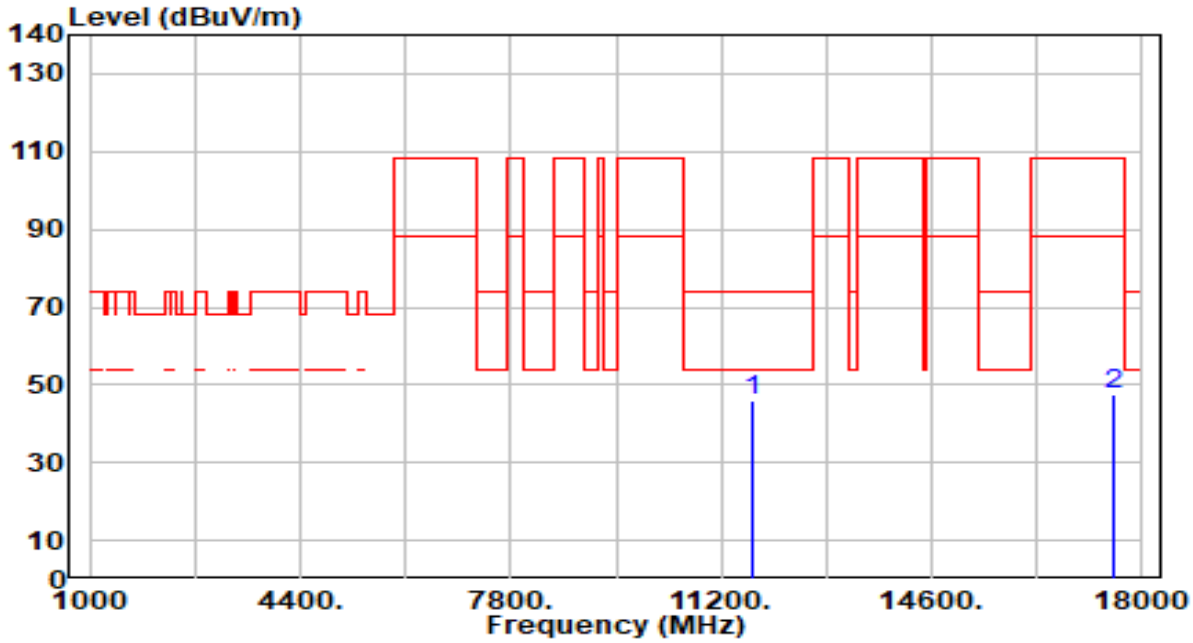



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 42.02 | 5.37 | 47.39 | -26.61 | 74.00 | 100 | 37 | Peak |
| 2 | | 17445.000 | 41.64 | 4.97 | 46.61 | -61.59 | 108.20 | 100 | 292 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

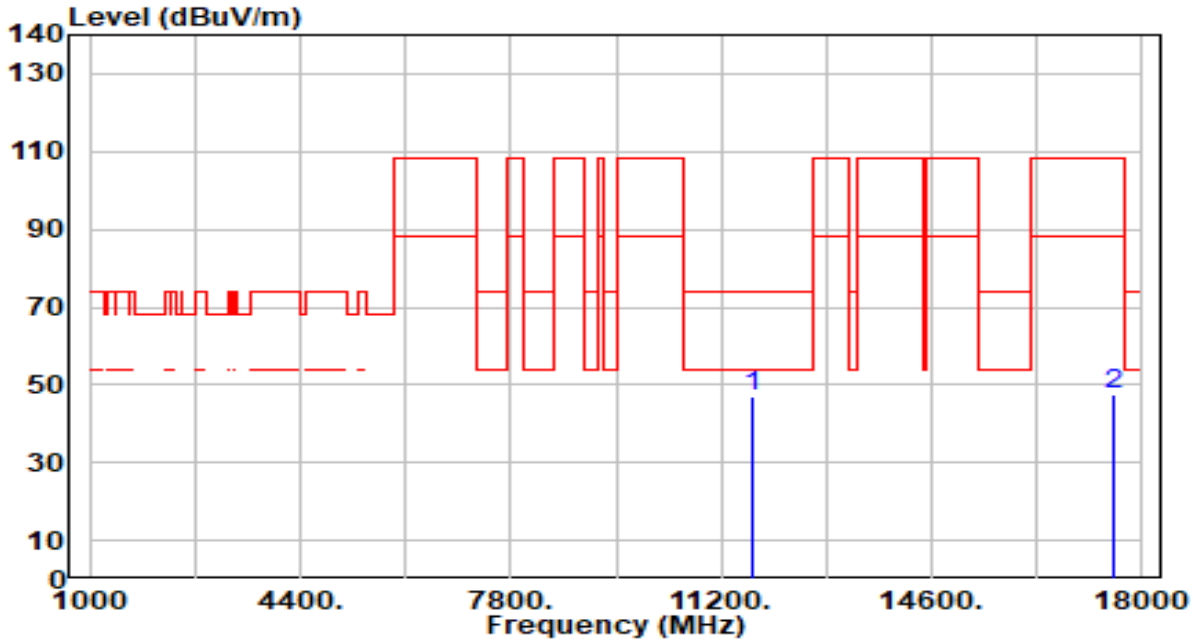



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 40.59 | 5.37 | 45.96 | -28.04 | 74.00 | 100 | 280 | Peak |
| 2 | | 17535.000 | 42.50 | 5.16 | 47.66 | -60.54 | 108.20 | 100 | 26 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

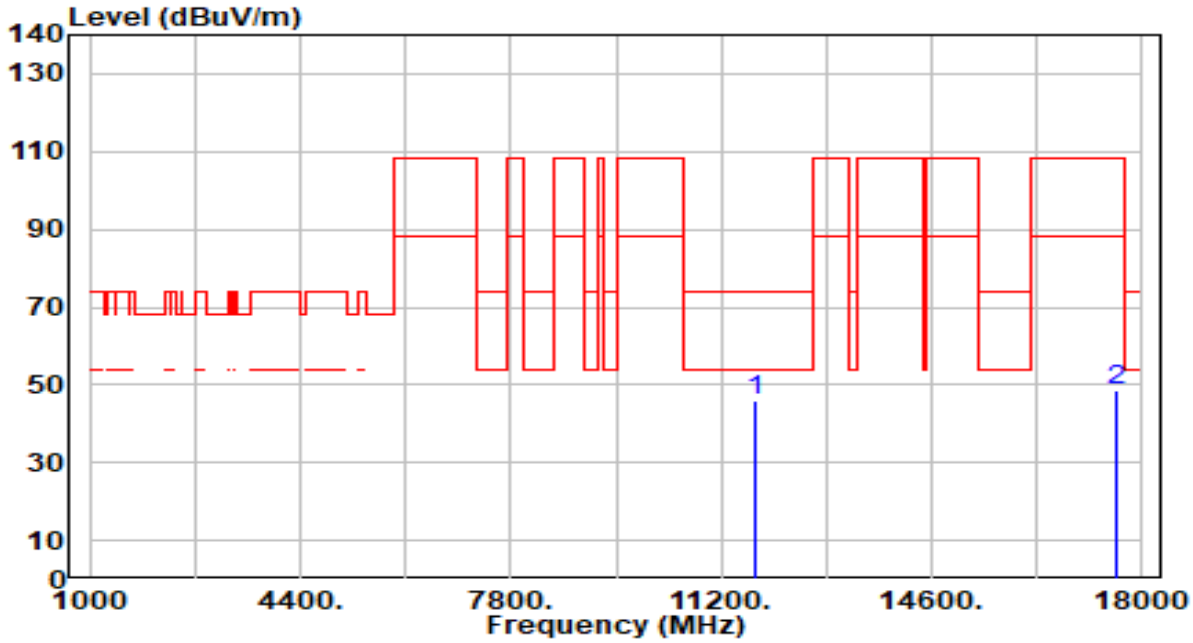



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 41.58 | 5.37 | 46.95 | -27.05 | 74.00 | 100 | 103 | Peak |
| 2 | | 17535.000 | 42.39 | 5.16 | 47.55 | -60.65 | 108.20 | 100 | 131 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

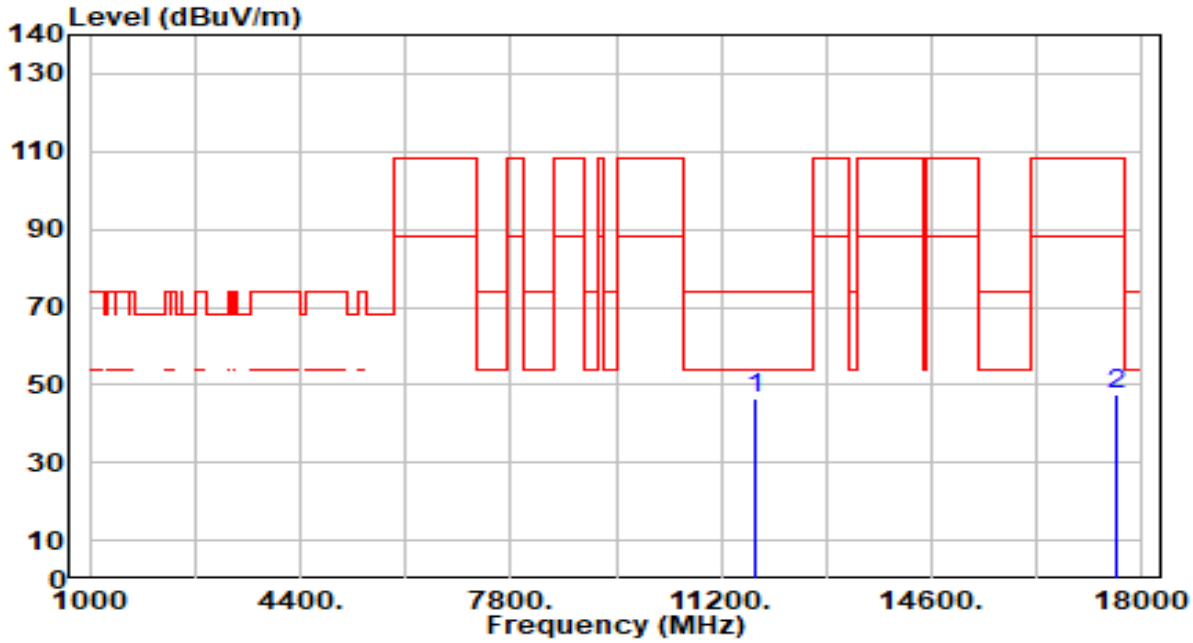



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 40.45 | 5.36 | 45.81 | -28.19 | 74.00 | 100 | 346 | Peak |
| 2 | | 17595.000 | 43.21 | 5.32 | 48.53 | -59.67 | 108.20 | 100 | 59 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

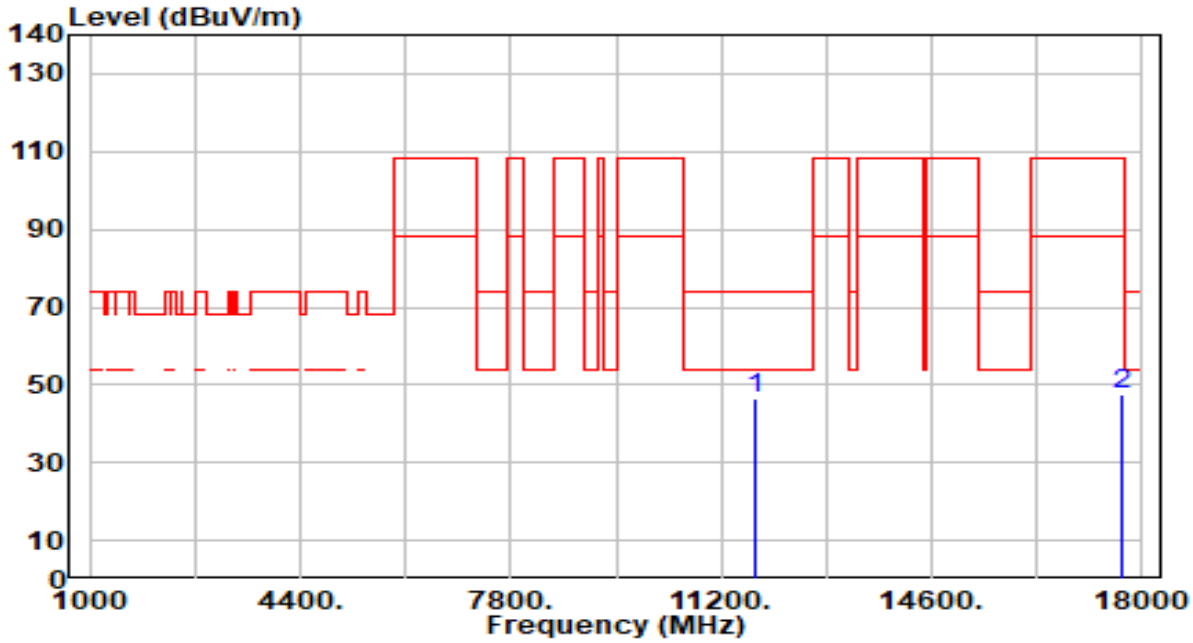



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 41.02 | 5.36 | 46.38 | -27.62 | 74.00 | 100 | 176 | Peak |
| 2 | | 17595.000 | 42.17 | 5.32 | 47.48 | -60.72 | 108.20 | 100 | 84 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

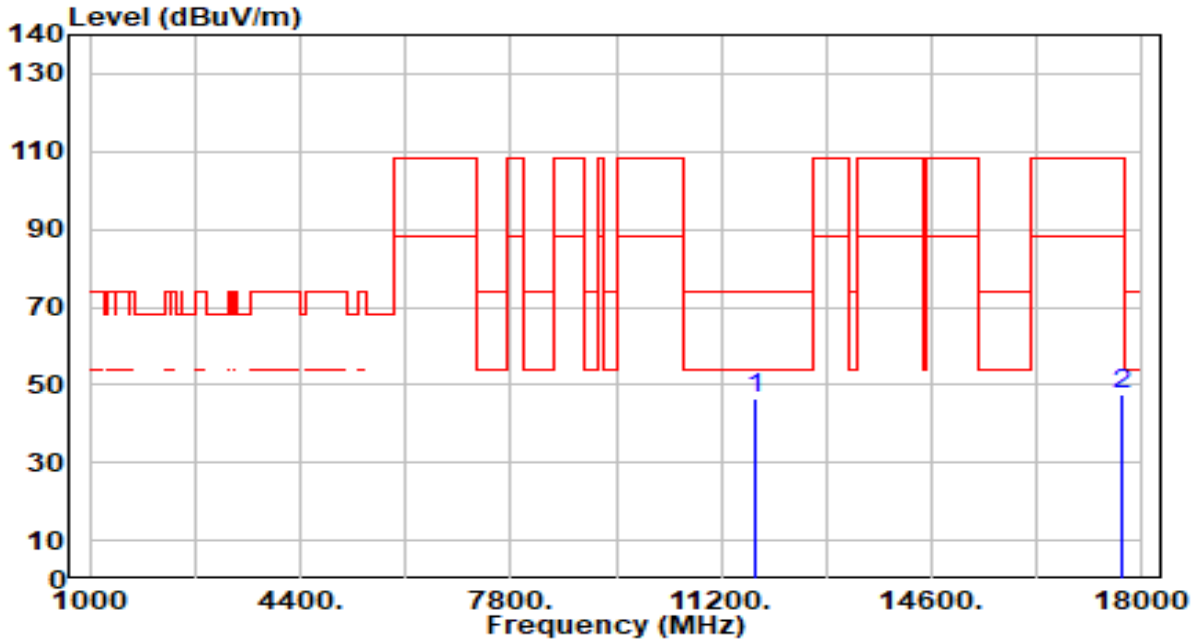



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 41.35 | 5.36 | 46.71 | -27.29 | 74.00 | 100 | 0 | Peak |
| 2 | | 17655.000 | 42.43 | 5.36 | 47.79 | -60.41 | 108.20 | 100 | 168 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

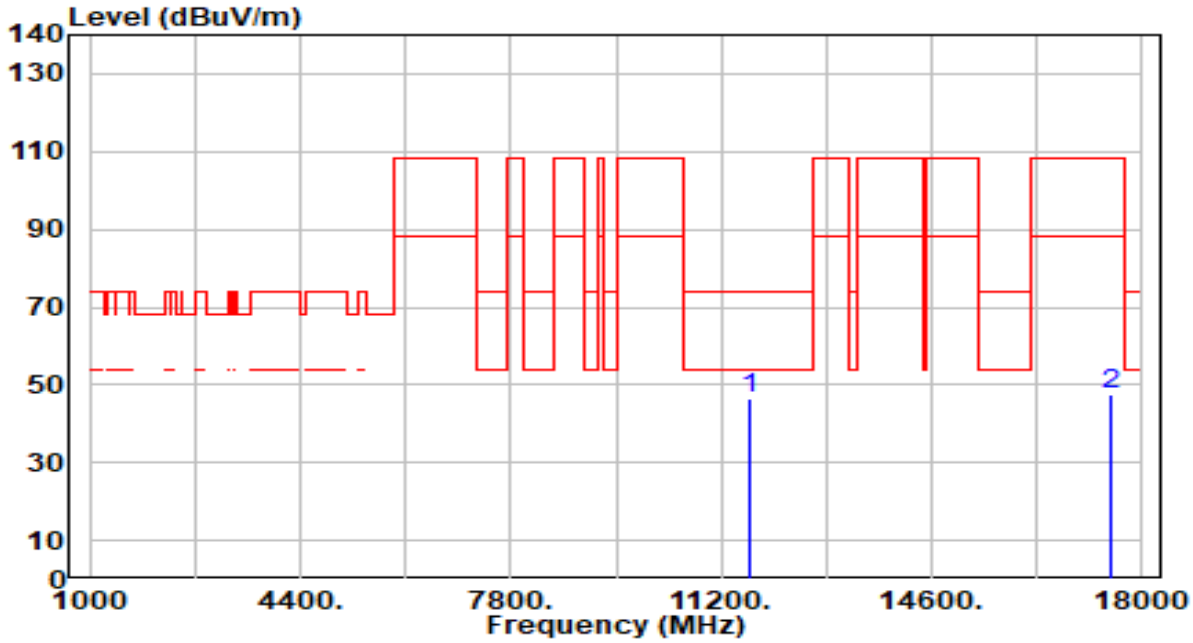



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 40.91 | 5.36 | 46.27 | -27.73 | 74.00 | 100 | 280 | Peak |
| 2 | | 17655.000 | 42.34 | 5.36 | 47.71 | -60.49 | 108.20 | 100 | 191 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

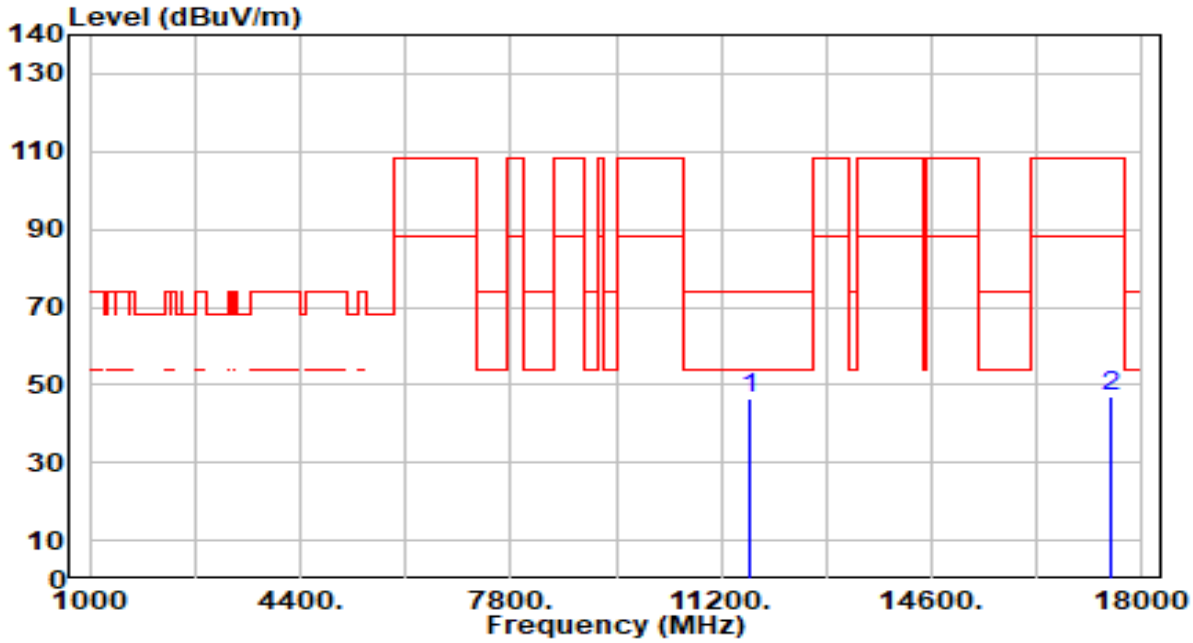



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 41.31 | 5.37 | 46.68 | -27.32 | 74.00 | 100 | 161 | Peak |
| 2 | | 17505.000 | 42.52 | 5.08 | 47.60 | -60.60 | 108.20 | 100 | 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).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

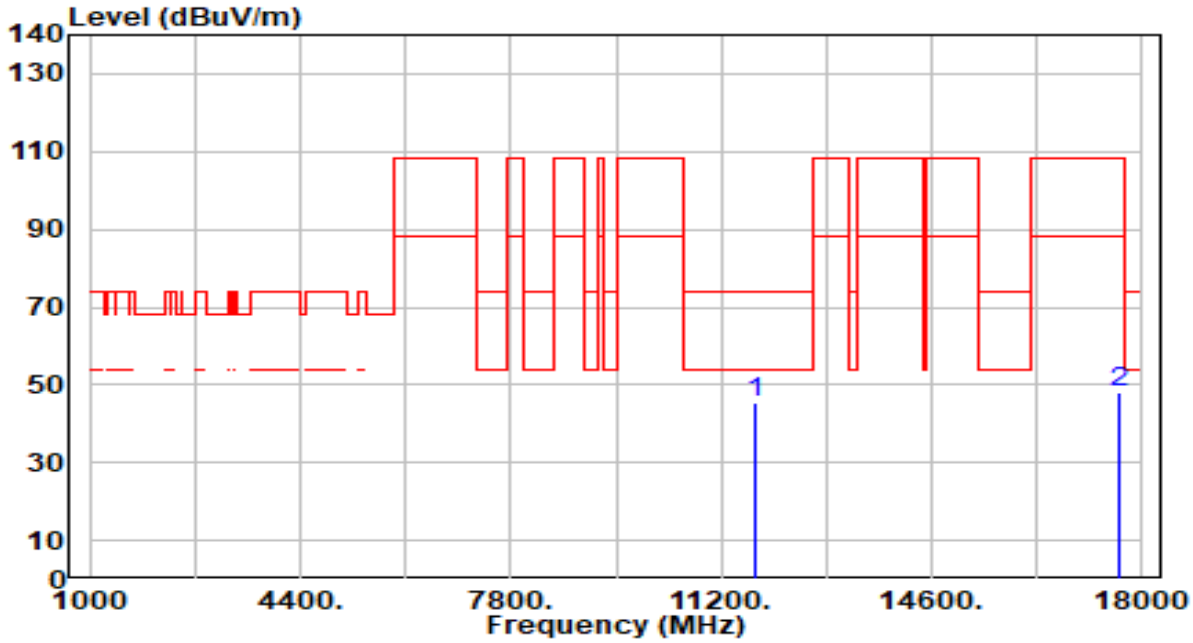



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 40.89 | 5.37 | 46.26 | -27.74 | 74.00 | 100 | 0 | Peak |
| 2 | | 17505.000 | 42.15 | 5.08 | 47.23 | -60.97 | 108.20 | 100 | 163 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

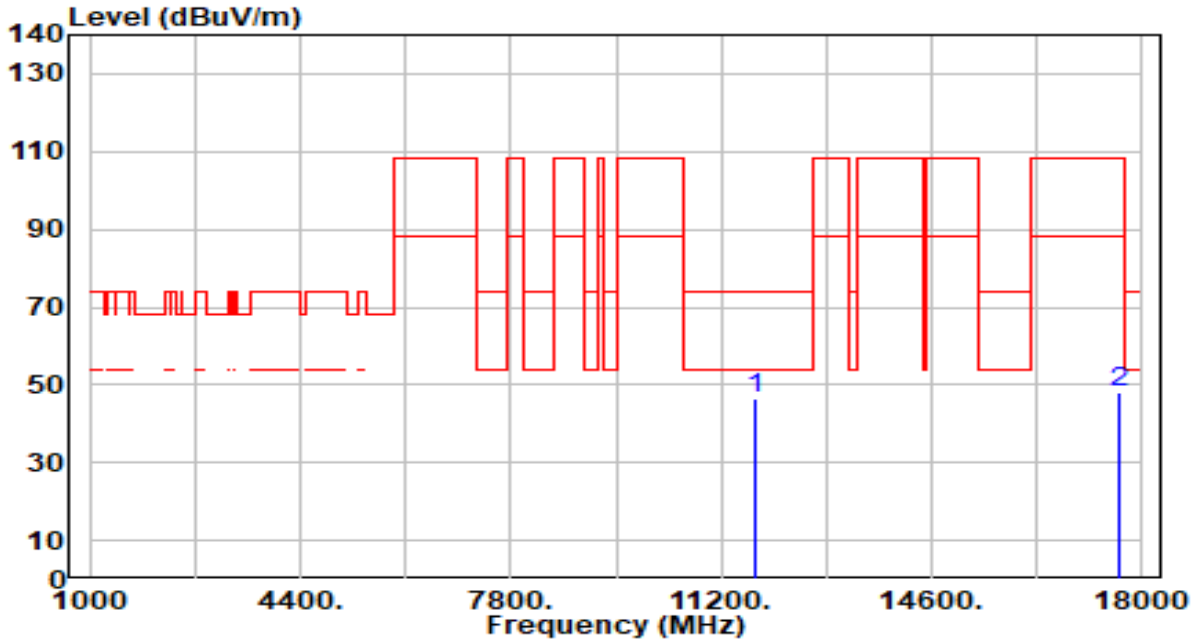



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 40.16 | 5.36 | 45.52 | -28.48 | 74.00 | 100 | 219 | Peak |
| 2 | | 17625.000 | 42.53 | 5.34 | 47.87 | -60.33 | 108.20 | 100 | 90 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

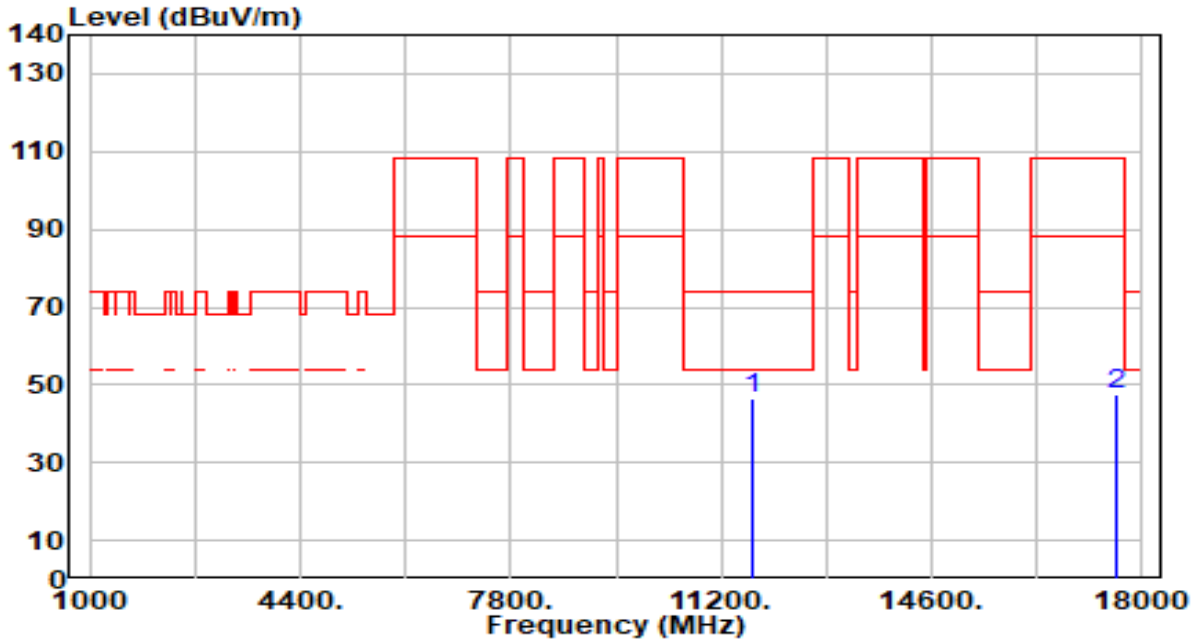



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 41.25 | 5.36 | 46.61 | -27.39 | 74.00 | 100 | 0 | Peak |
| 2 | | 17625.000 | 42.59 | 5.34 | 47.94 | -60.26 | 108.20 | 100 | 359 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

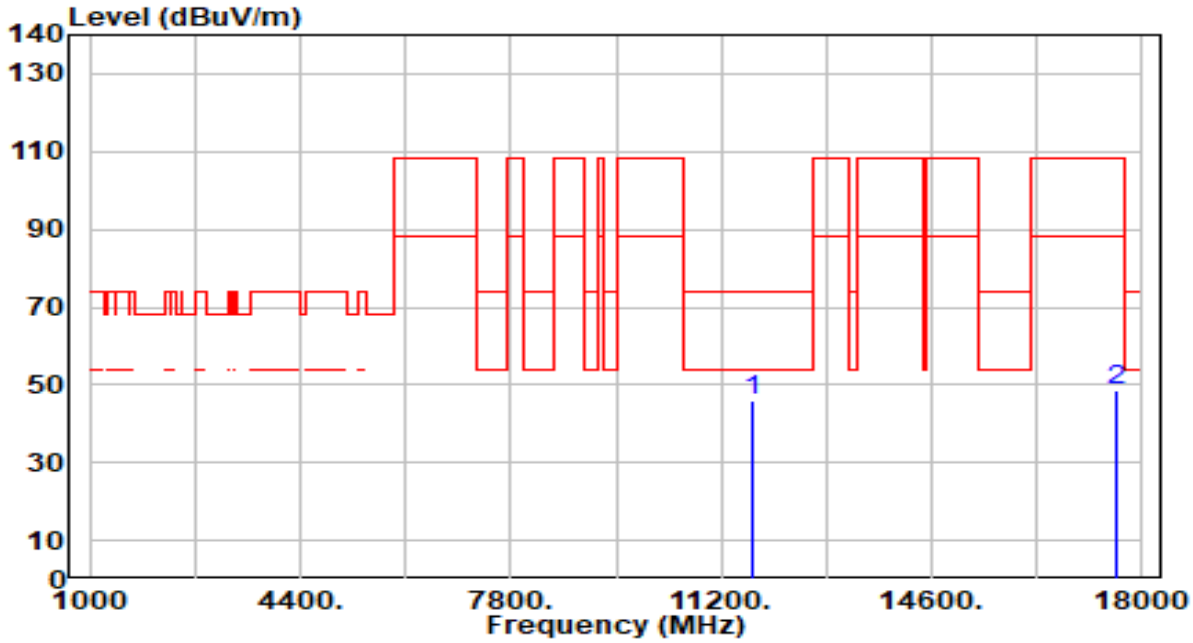



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 41.04 | 5.37 | 46.40 | -27.60 | 74.00 | 100 | 320 | Peak |
| 2 | | 17565.000 | 42.17 | 5.24 | 47.41 | -60.79 | 108.20 | 100 | 209 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

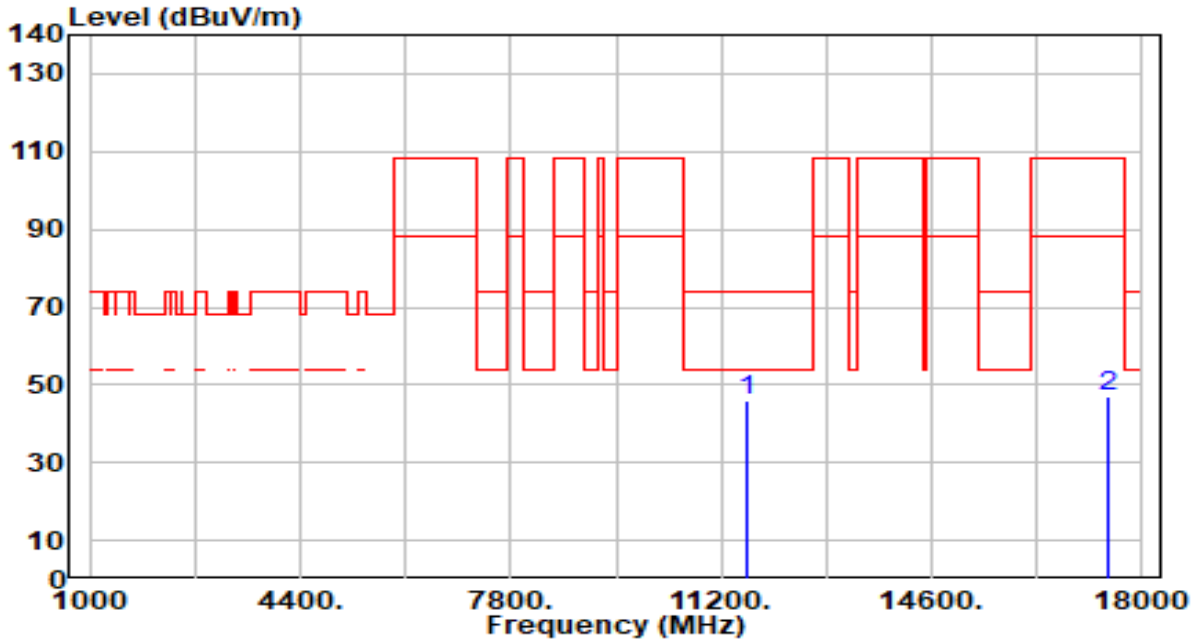



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 40.55 | 5.37 | 45.91 | -28.09 | 74.00 | 100 | 360 | Peak |
| 2 | | 17565.000 | 43.19 | 5.24 | 48.43 | -59.77 | 108.20 | 100 | 286 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

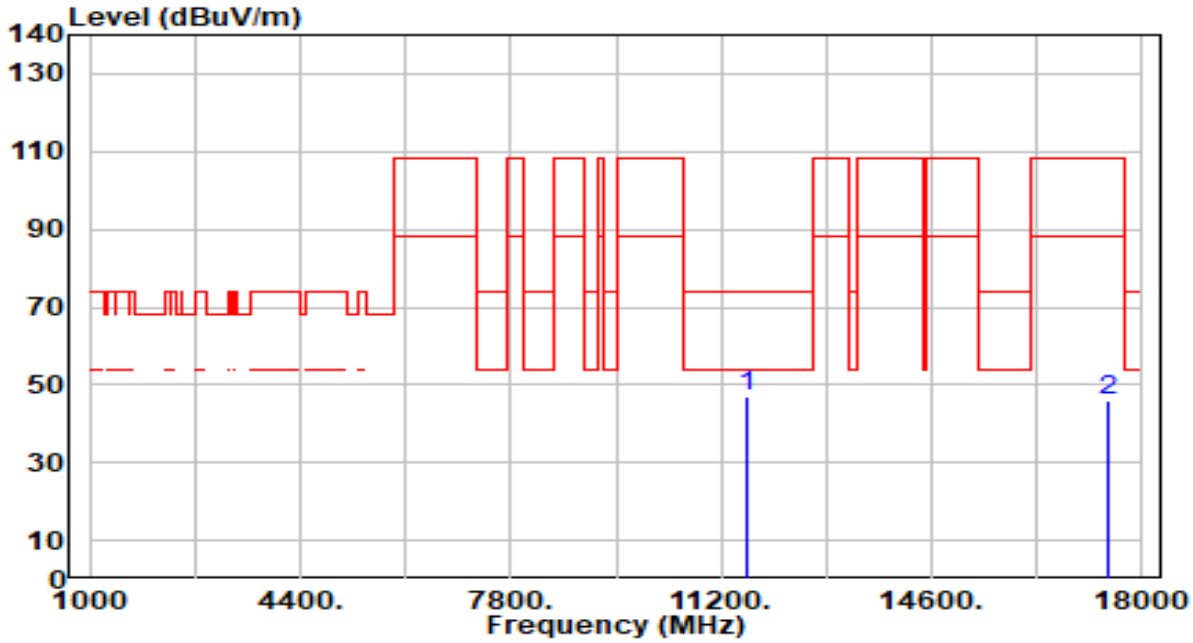



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 40.75 | 5.37 | 46.12 | -27.88 | 74.00 | 100 | 28 | Peak |
| 2 | | 17445.000 | 42.01 | 4.97 | 46.98 | -61.22 | 108.20 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ax-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

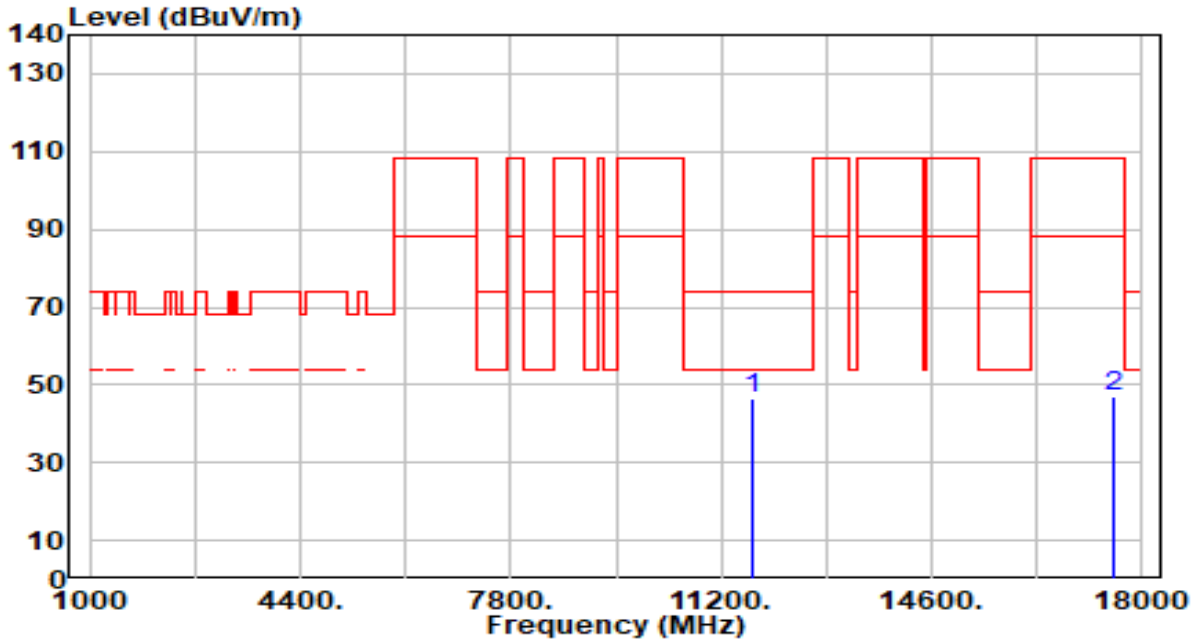



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 41.43 | 5.37 | 46.81 | -27.19 | 74.00 | 100 | 261 | Peak |
| 2 | | 17445.000 | 41.15 | 4.97 | 46.12 | -62.08 | 108.20 | 100 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

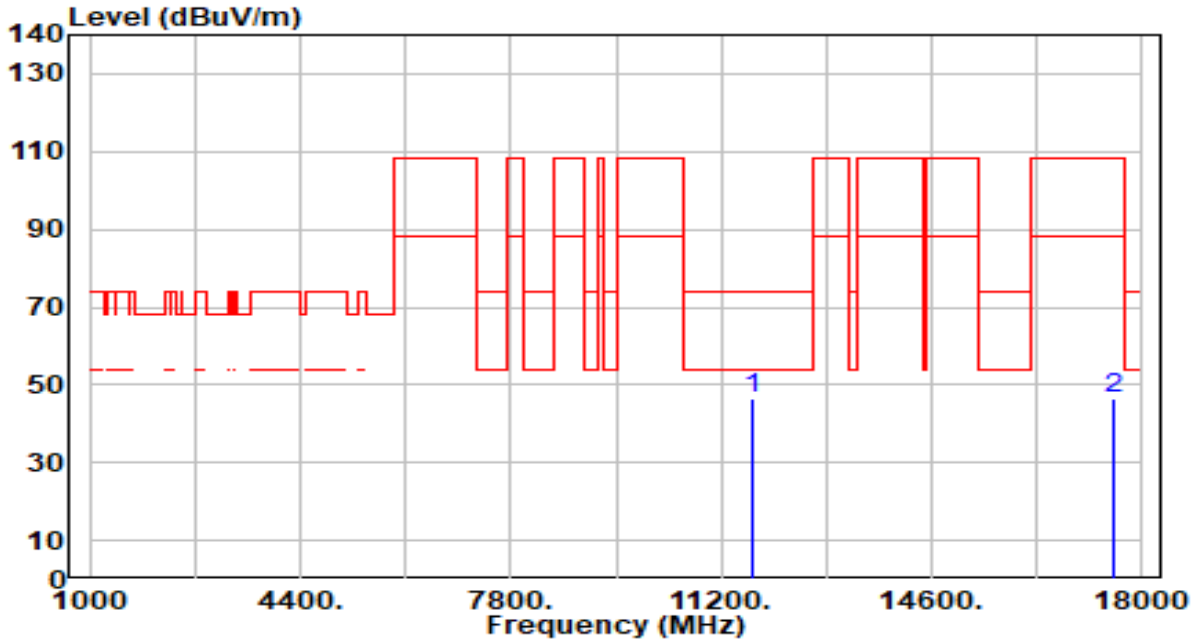



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 40.98 | 5.37 | 46.35 | -27.65 | 74.00 | 100 | 321 | Peak |
| 2 | | 17535.000 | 41.81 | 5.16 | 46.97 | -61.23 | 108.20 | 100 | 197 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

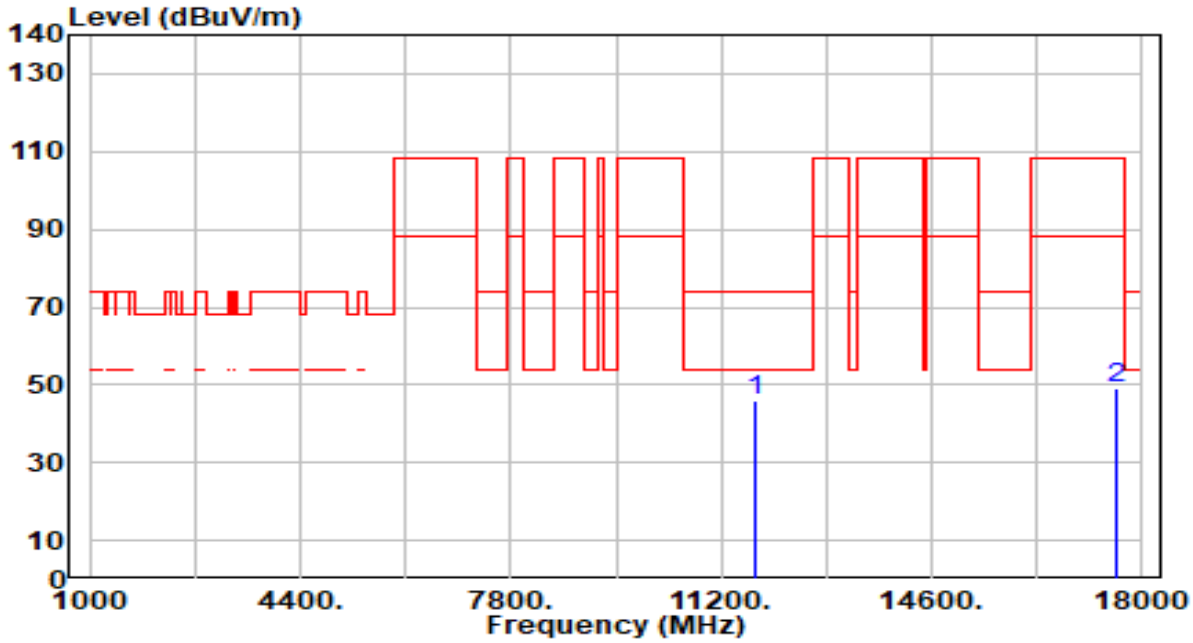



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11690.000 | 41.14 | 5.37 | 46.51 | -27.49 | 74.00 | 100 | 0 | Peak |
| 2 | | 17535.000 | 41.10 | 5.16 | 46.27 | -61.93 | 108.20 | 100 | 255 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

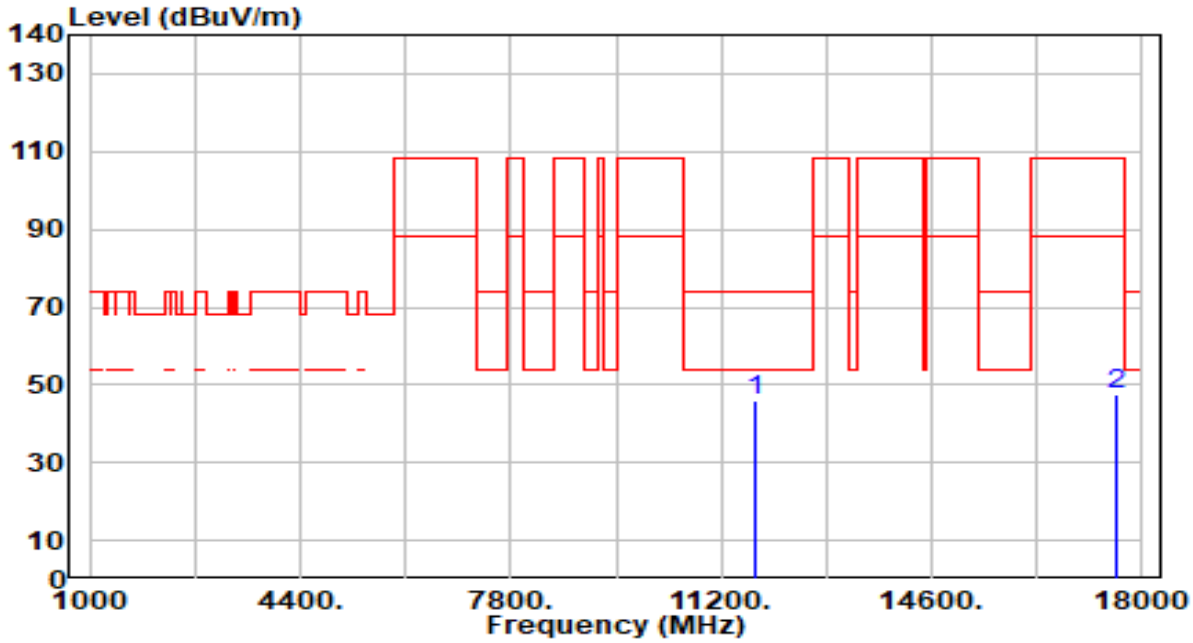



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 40.80 | 5.36 | 46.17 | -27.83 | 74.00 | 100 | 312 | Peak |
| 2 | | 17595.000 | 43.82 | 5.32 | 49.14 | -59.06 | 108.20 | 100 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

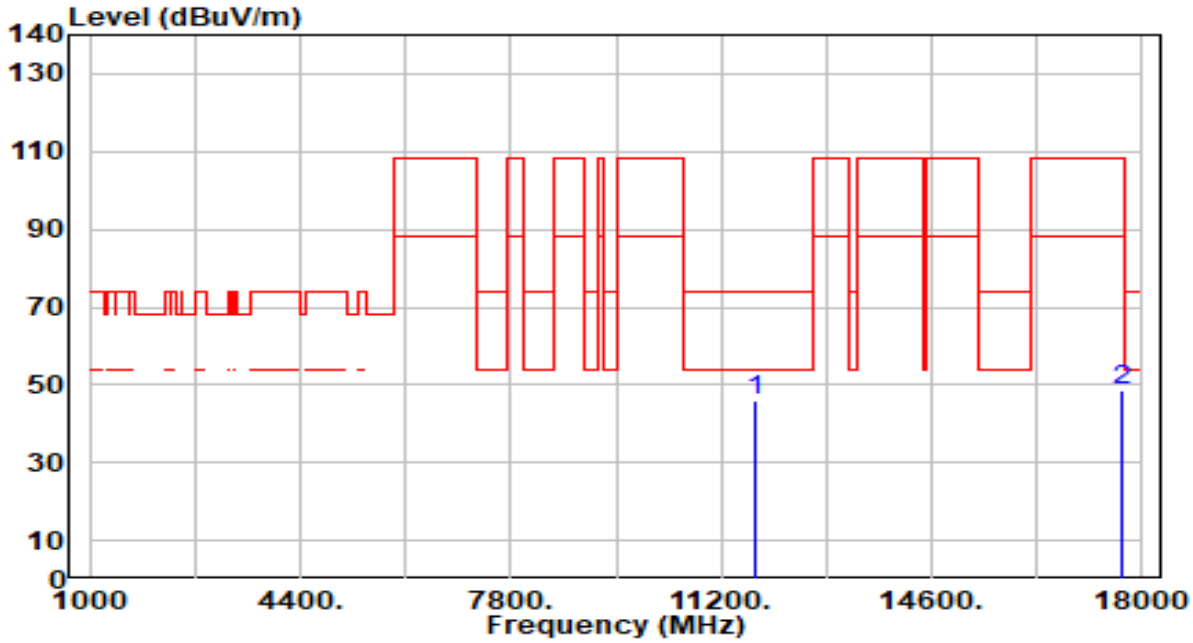



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11730.000 | 40.78 | 5.36 | 46.15 | -27.85 | 74.00 | 100 | 0 | Peak |
| 2 | | 17595.000 | 42.22 | 5.32 | 47.54 | -60.66 | 108.20 | 100 | 232 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

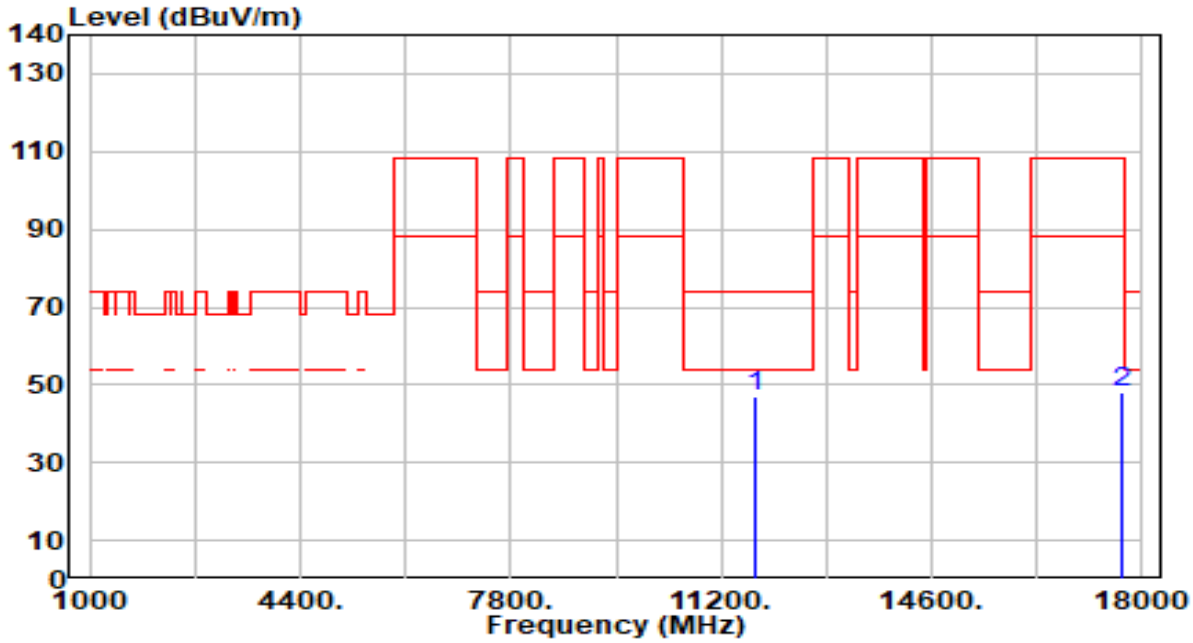



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 40.45 | 5.36 | 45.82 | -28.18 | 74.00 | 100 | 77 | Peak |
| 2 | | 17655.000 | 43.12 | 5.36 | 48.48 | -59.72 | 108.20 | 100 | 46 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

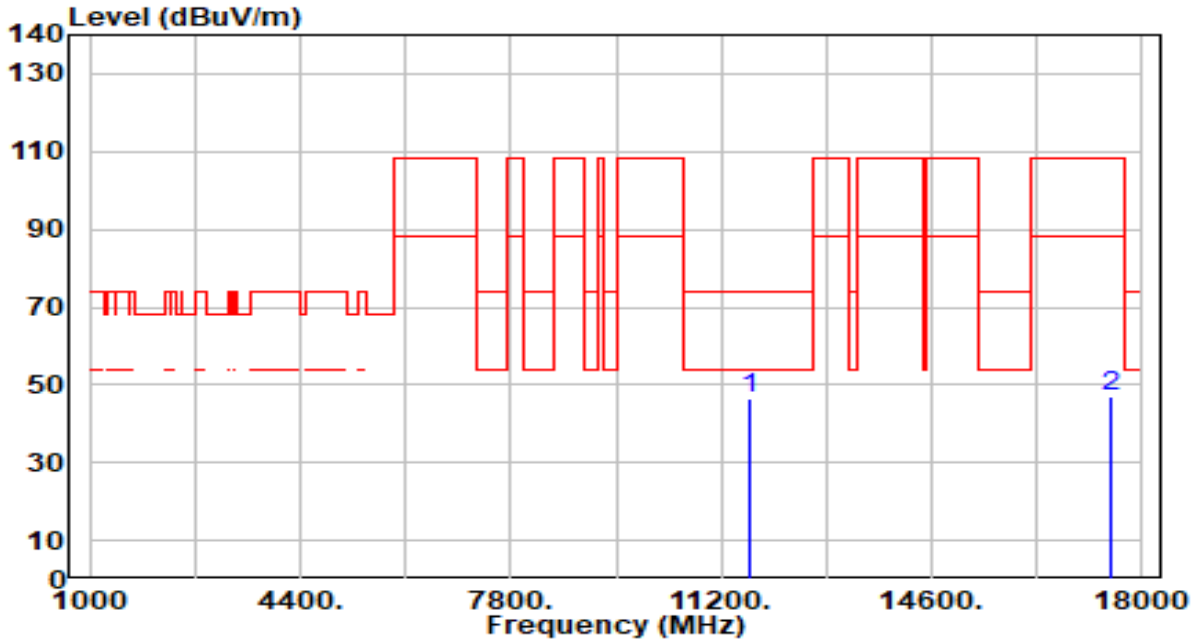



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11770.000 | 41.84 | 5.36 | 47.20 | -26.80 | 74.00 | 100 | 0 | Peak |
| 2 | | 17655.000 | 42.48 | 5.36 | 47.84 | -60.36 | 108.20 | 100 | 198 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

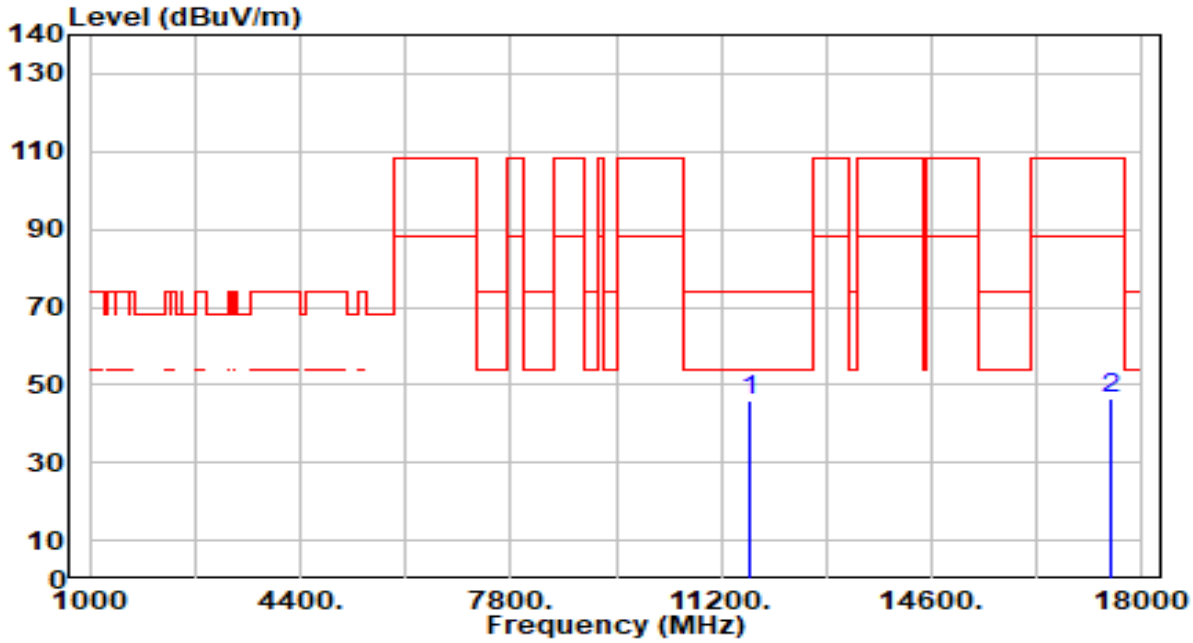



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 41.07 | 5.37 | 46.44 | -27.56 | 74.00 | 100 | 19 | Peak |
| 2 | | 17505.000 | 41.83 | 5.08 | 46.92 | -61.28 | 108.20 | 100 | 90 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

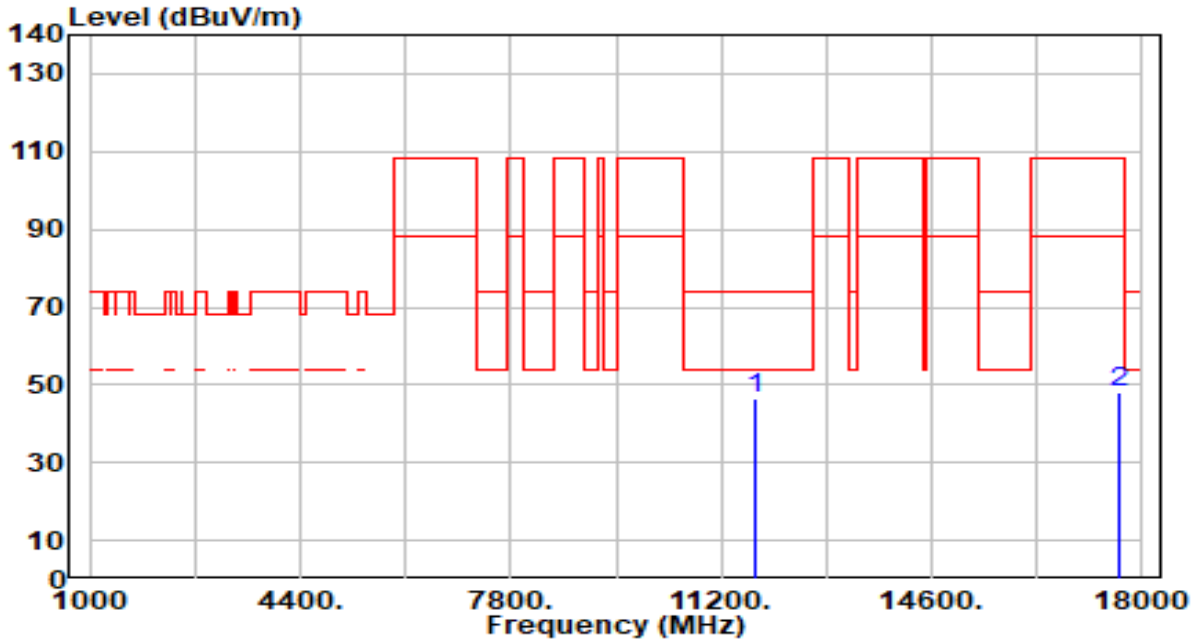



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11670.000 | 40.63 | 5.37 | 46.00 | -28.00 | 74.00 | 100 | 163 | Peak |
| 2 | | 17505.000 | 41.58 | 5.08 | 46.66 | -61.54 | 108.20 | 100 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

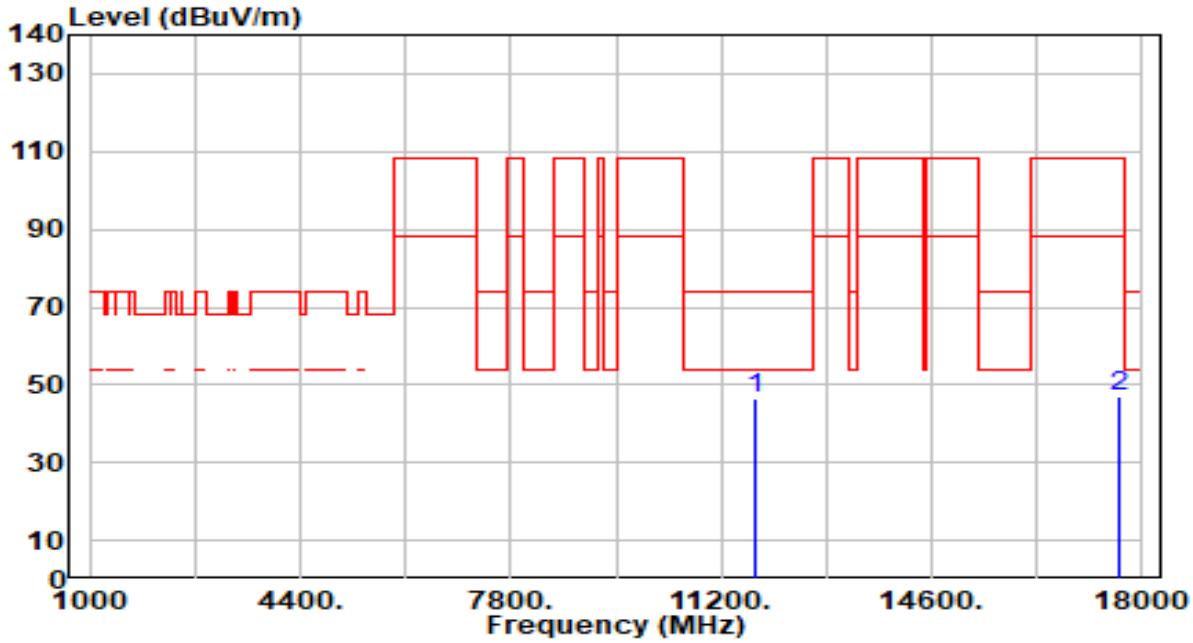



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 40.98 | 5.36 | 46.35 | -27.65 | 74.00 | 100 | 125 | Peak |
| 2 | | 17625.000 | 42.66 | 5.34 | 48.00 | -60.20 | 108.20 | 100 | 45 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

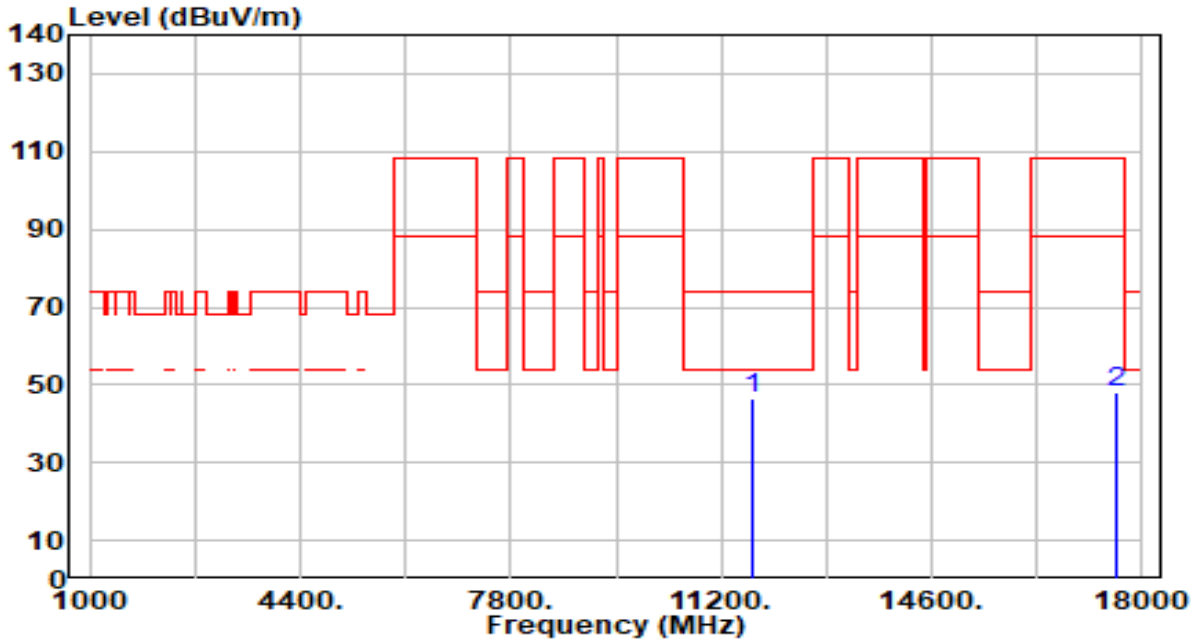



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11750.000 | 41.21 | 5.36 | 46.57 | -27.43 | 74.00 | 100 | 287 | Peak |
| 2 | | 17625.000 | 41.75 | 5.34 | 47.09 | -61.11 | 108.20 | 100 | 17 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

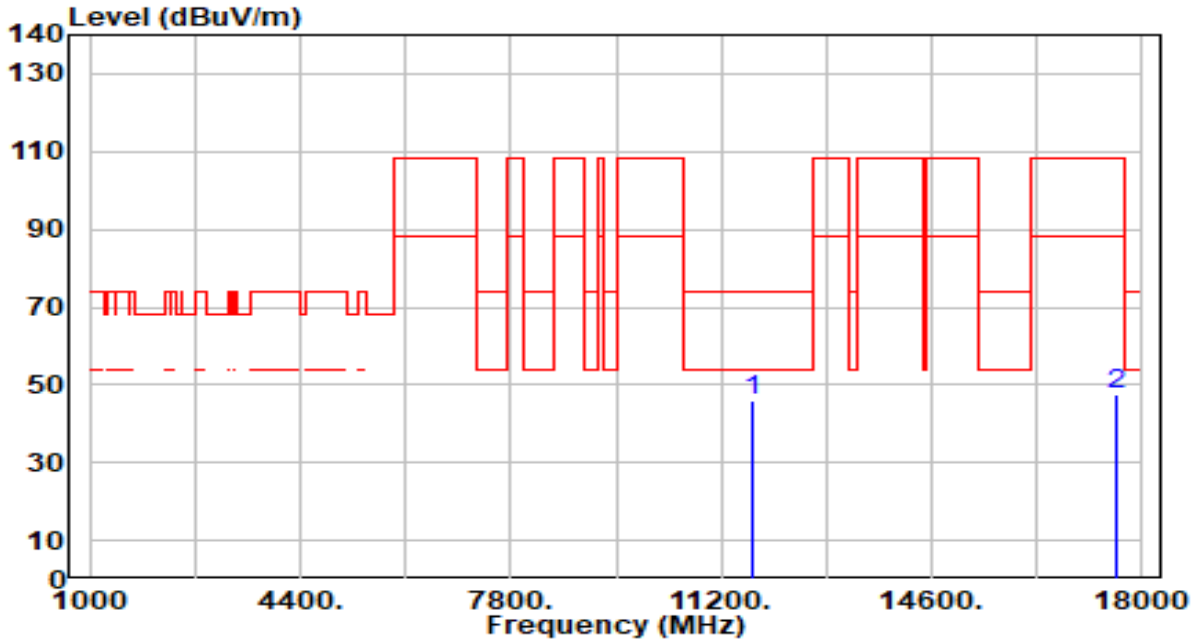



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 41.01 | 5.37 | 46.37 | -27.63 | 74.00 | 100 | 306 | Peak |
| 2 | | 17565.000 | 42.82 | 5.24 | 48.06 | -60.14 | 108.20 | 100 | 29 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

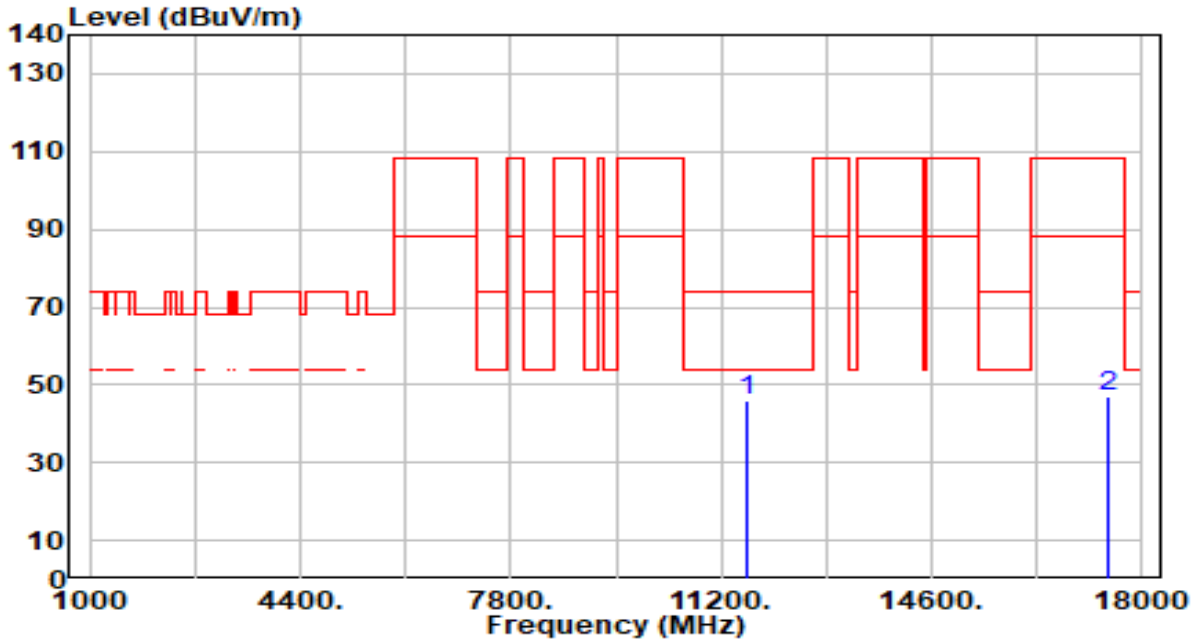



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11710.000 | 40.42 | 5.37 | 45.78 | -28.22 | 74.00 | 100 | 17 | Peak |
| 2 | | 17565.000 | 42.17 | 5.24 | 47.40 | -60.80 | 108.20 | 100 | 3 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

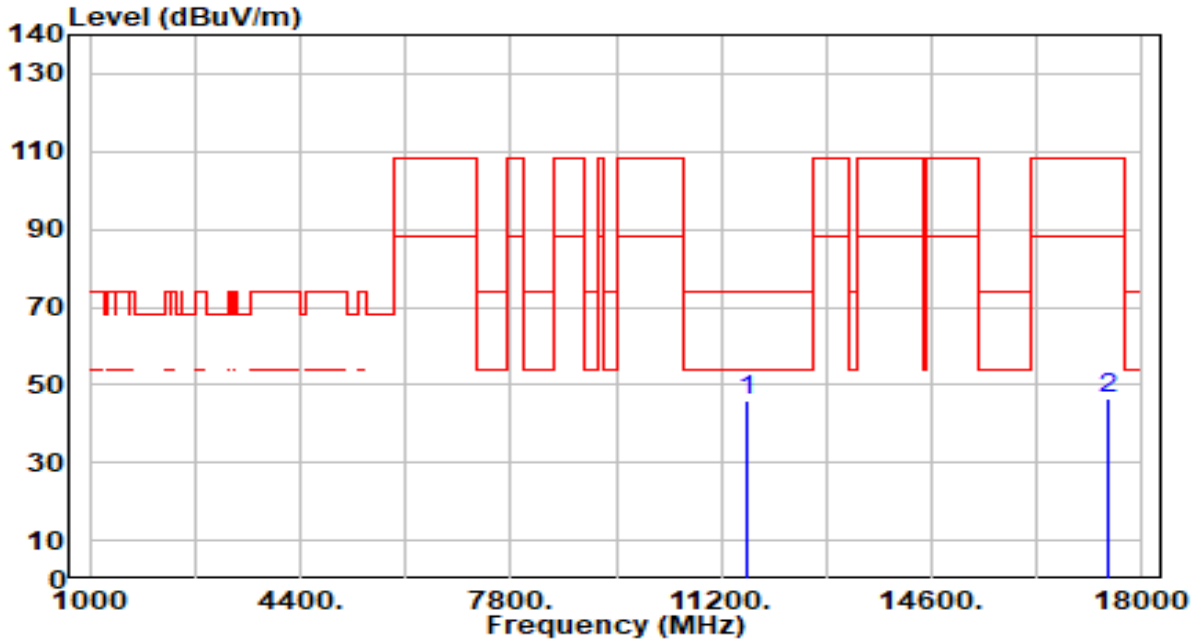



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 40.62 | 5.37 | 45.99 | -28.01 | 74.00 | 100 | 57 | Peak |
| 2 | | 17445.000 | 41.85 | 4.97 | 46.82 | -61.38 | 108.20 | 100 | 89 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11be-160MHz_TX_Band4_CH 163_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

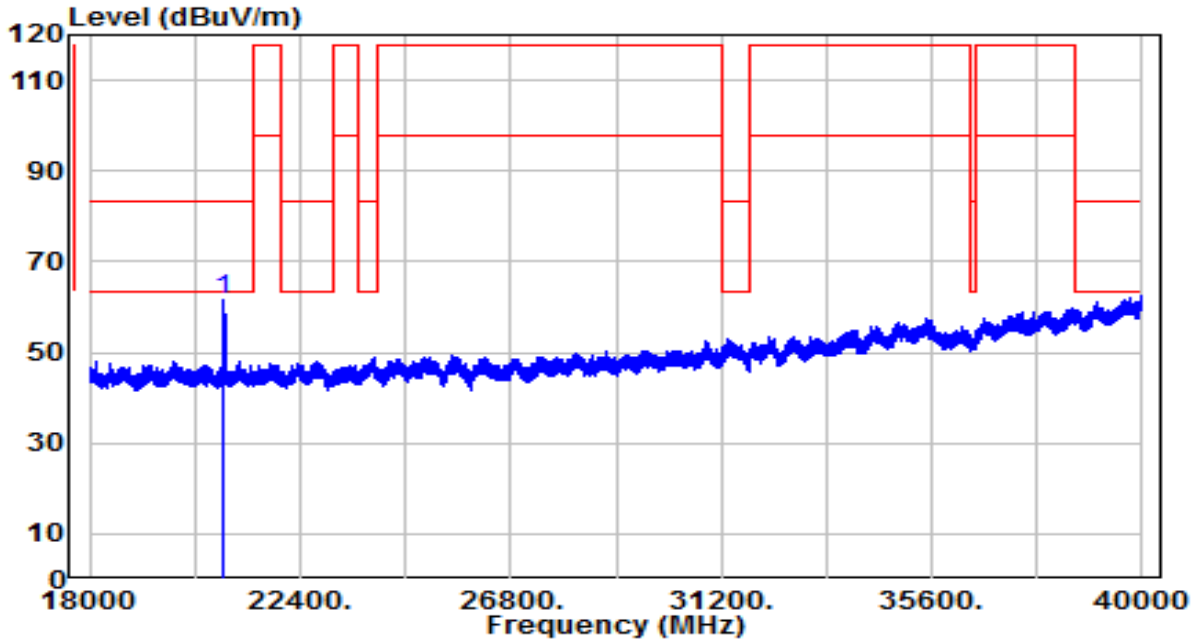



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 11630.000 | 40.77 | 5.37 | 46.14 | -27.86 | 74.00 | 100 | 0 | Peak |
| 2 | | 17445.000 | 41.30 | 4.97 | 46.27 | -61.93 | 108.20 | 100 | 95 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | BBHA 9170 | Temp. / Humidity | 19°C /46% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Tim |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

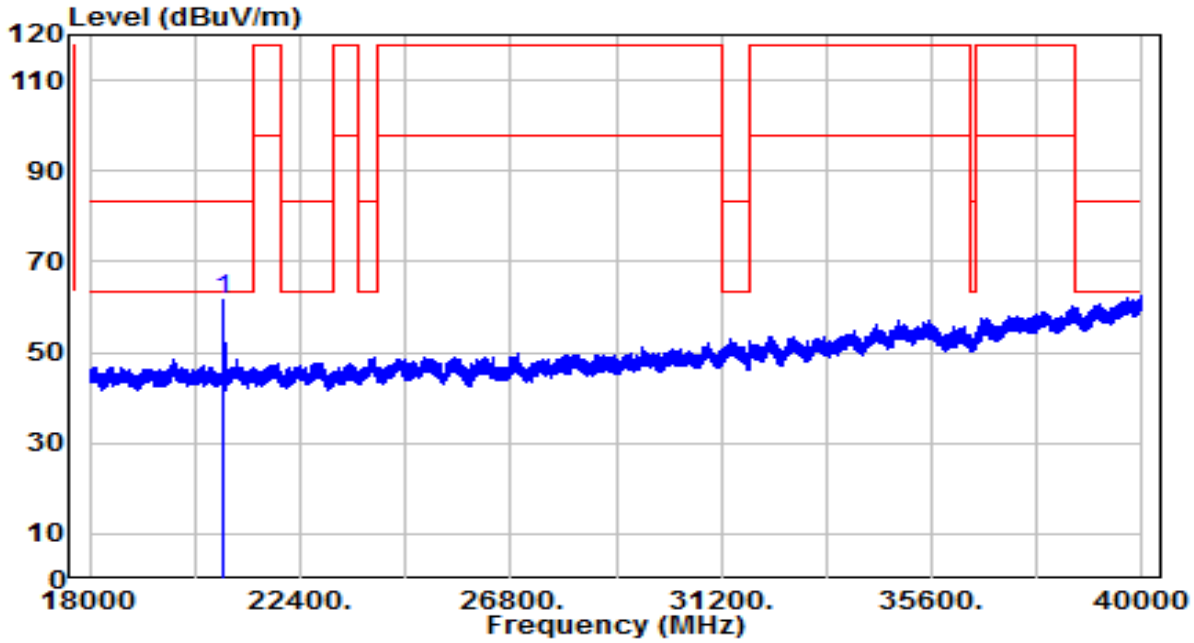



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 20798.810 | 50.68 | 10.95 | 61.62 | -21.88 | 83.50 | 150 | 245 | Peak |

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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | BBHA 9170 | Temp. / Humidity | 19°C /46% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Tim |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 20790.560 | 50.74 | 10.94 | 61.68 | -21.82 | 83.50 | 150 | 310 | 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 | 8.025 - 8.5 |
| 4.17725-4.17775 | 37.5-38.25 | 1435-1626.5 | 9.0-9.2 |
| 4.20725-4.20775 | 73-74.6 | 1645.5-1646.5 | 9.3-9.5 |
| 6.215-6.218 | 74.8-75.2 | 1660 - 1710 | 10.6-12.7 |
| 6.26775-6.26825 | 108-121.94 | 1718.8-1722.2 | 13.25-13.4 |
| 6.31175-6.31225 | 123 - 138 | 2200 - 2300 | 14.47-14.5 |
| 8.291-8.294 | 149.9-150.05 | 2310 - 2390 | 15.35-16.2 |
| 8.362-8.366 | 156.52475-156.525 | 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 5.725-5.85 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.

For an indoor access point, all emissions at or above 5.895GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925GHz.

For indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

E [dBμV/m] = EIRP [dBm] + 95.2, for example, -27 dBm/MHz = 68.2 dBμV/m.

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 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

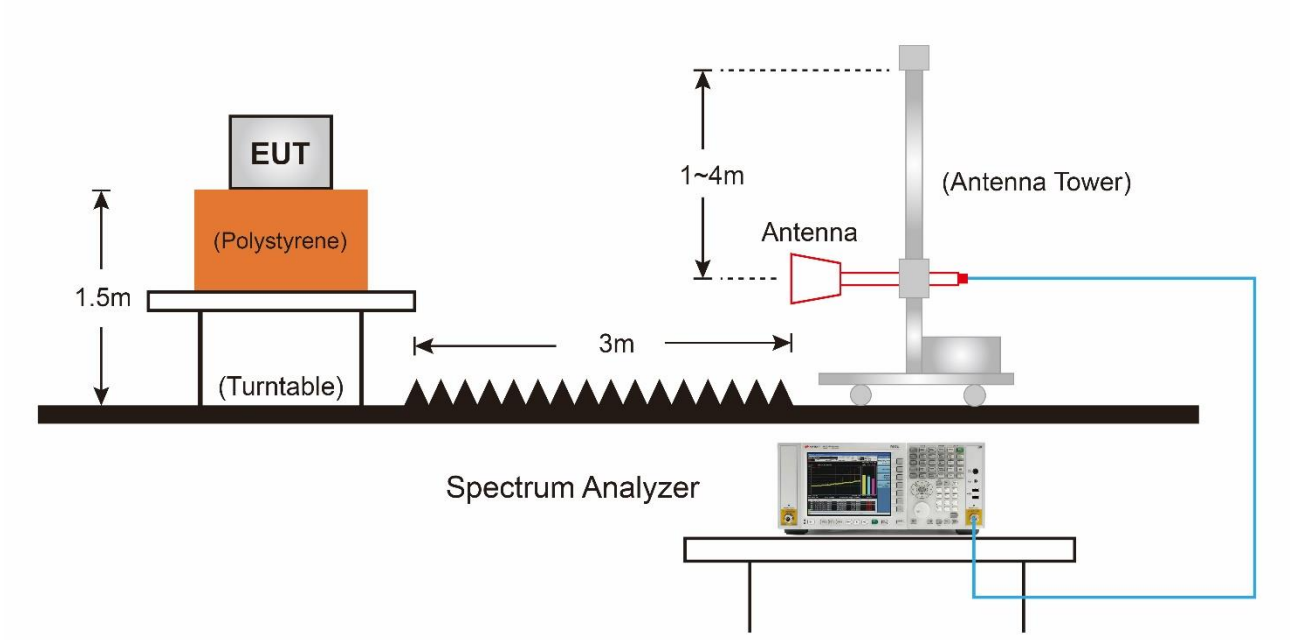
3. VBW If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

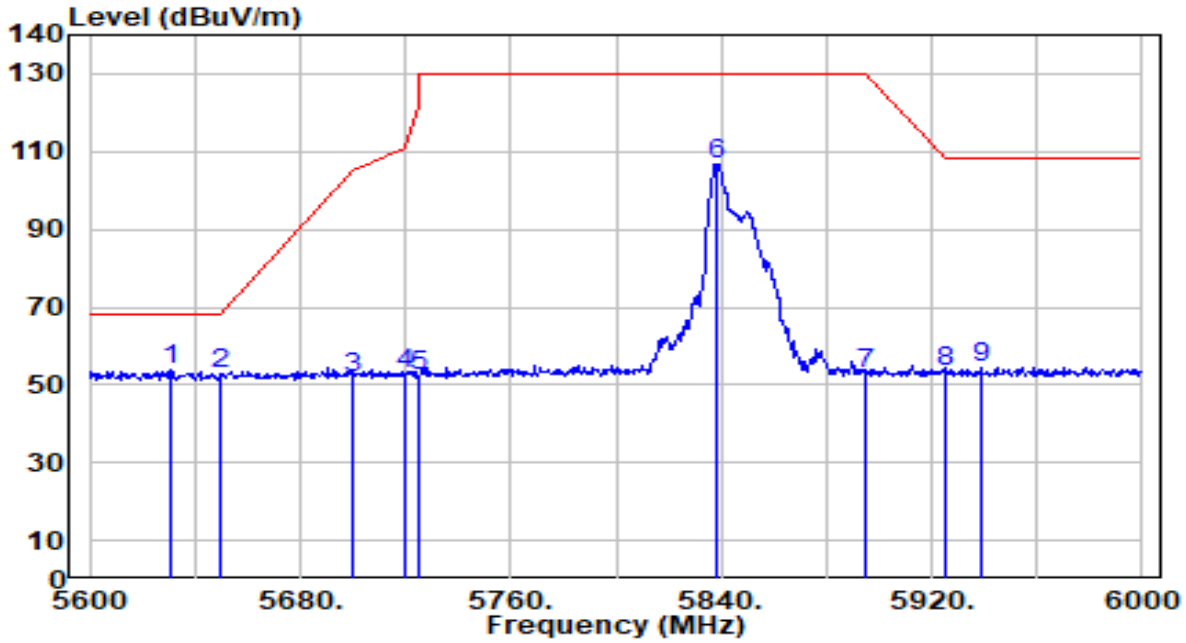
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

## 7.8.4.Test Setup



### 7.8.5.Test Result

| EUT | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

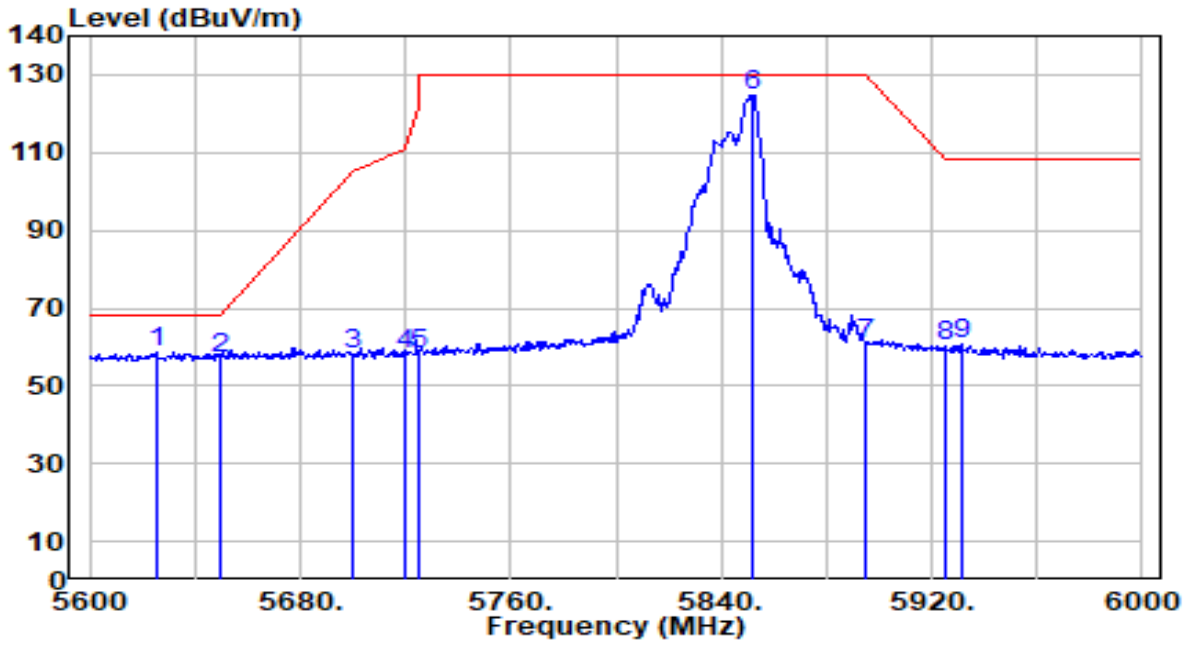



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5630.800 | 52.22 | 1.45 | 53.67 | -14.53 | 68.20 | 116 | 209 | Peak |
| 2 | | 5650.000 | 51.34 | 1.54 | 52.89 | -15.31 | 68.20 | 116 | 209 | Peak |
| 3 | | 5700.000 | 49.91 | 1.78 | 51.69 | -53.51 | 105.20 | 116 | 209 | Peak |
| 4 | | 5720.000 | 50.73 | 1.87 | 52.60 | -58.20 | 110.80 | 116 | 209 | Peak |
| 5 | | 5725.000 | 50.63 | 1.89 | 52.53 | -69.67 | 122.20 | 116 | 209 | Peak |
| 6 | | 5838.000 | 104.41 | 2.25 | 106.66 | N/A | N/A | 116 | 209 | Peak |
| 7 | | 5895.000 | 50.64 | 2.26 | 52.91 | -77.29 | 130.20 | 116 | 209 | Peak |
| 8 | | 5925.000 | 50.99 | 2.27 | 53.26 | -54.94 | 108.20 | 116 | 209 | Peak |
| 9 | | 5938.800 | 52.37 | 2.27 | 54.64 | -53.56 | 108.20 | 116 | 209 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

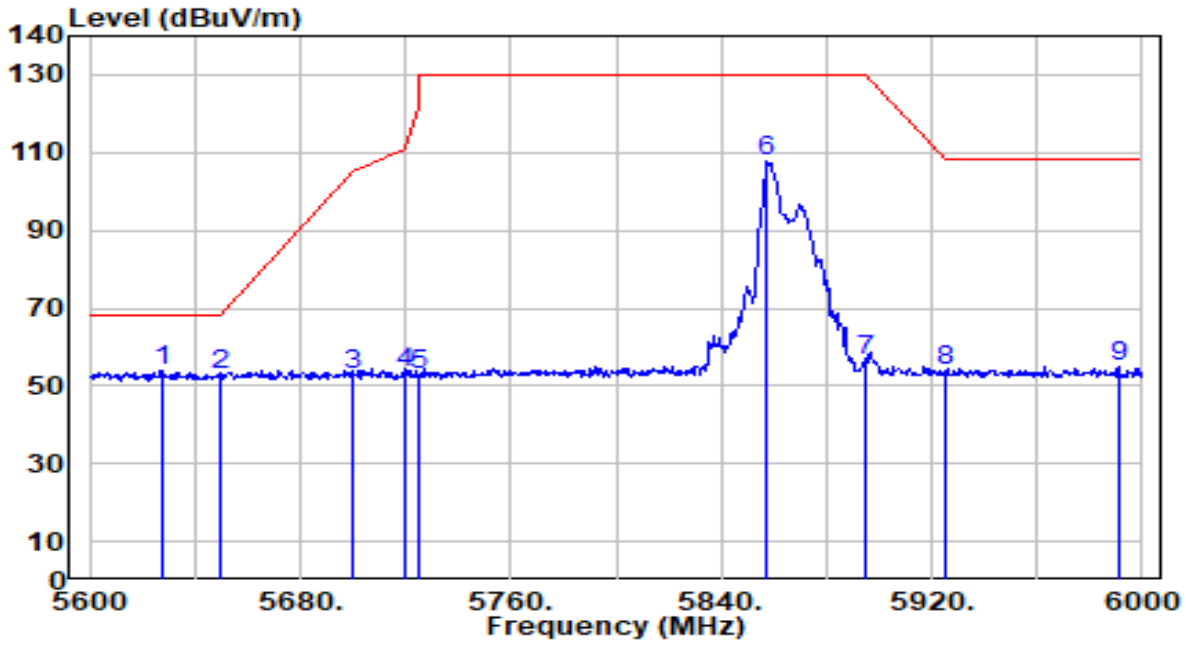



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5625.200 | 57.33 | 1.43 | 58.76 | -9.44 | 68.20 | 190 | 240 | Peak |
| 2 | | 5650.000 | 55.29 | 1.54 | 56.83 | -11.37 | 68.20 | 190 | 240 | Peak |
| 3 | | 5700.000 | 56.15 | 1.78 | 57.93 | -47.27 | 105.20 | 190 | 240 | Peak |
| 4 | | 5720.000 | 56.46 | 1.87 | 58.33 | -52.47 | 110.80 | 190 | 240 | Peak |
| 5 | | 5725.000 | 56.16 | 1.89 | 58.05 | -64.15 | 122.20 | 190 | 240 | Peak |
| 6 | | 5852.000 | 122.36 | 2.25 | 124.61 | N/A | N/A | 190 | 240 | Peak |
| 7 | | 5895.000 | 58.54 | 2.26 | 60.81 | -69.39 | 130.20 | 190 | 240 | Peak |
| 8 | | 5925.000 | 57.83 | 2.27 | 60.09 | -48.11 | 108.20 | 190 | 240 | Peak |
| 9 | | 5931.200 | 58.34 | 2.27 | 60.61 | -47.59 | 108.20 | 190 | 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) + 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

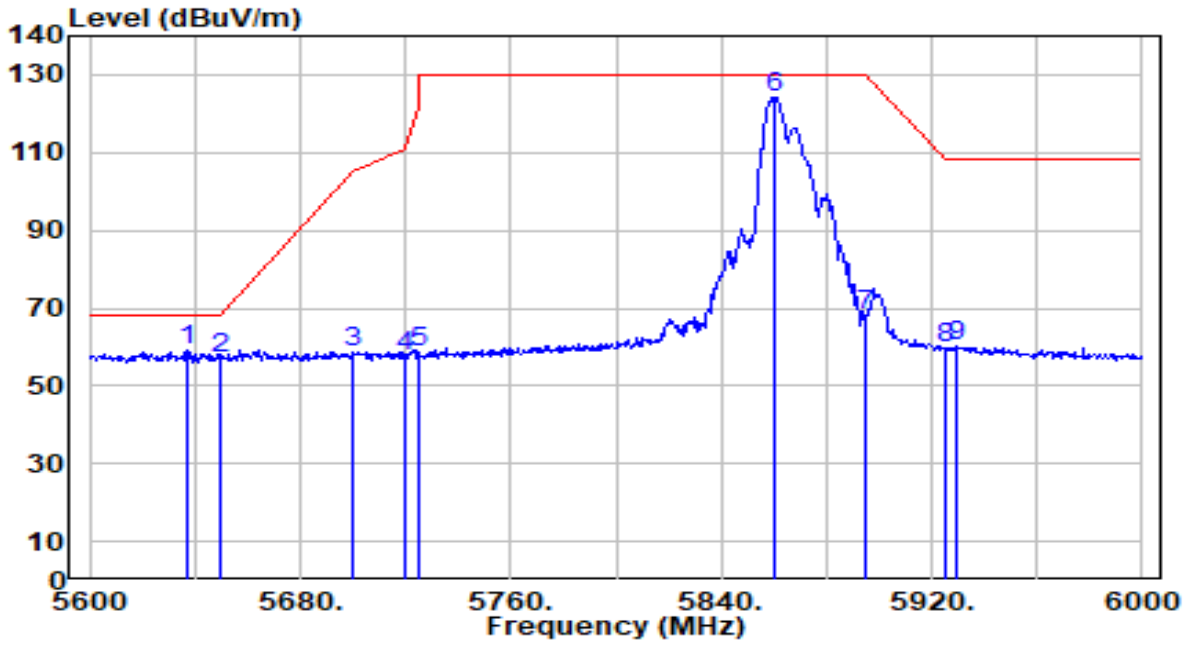



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5627.200 | 52.41 | 1.44 | 53.84 | -14.36 | 68.20 | 111 | 209 | Peak |
| 2 | | 5650.000 | 51.24 | 1.54 | 52.78 | -15.42 | 68.20 | 111 | 209 | Peak |
| 3 | | 5700.000 | 50.94 | 1.78 | 52.72 | -52.48 | 105.20 | 111 | 209 | Peak |
| 4 | | 5720.000 | 51.46 | 1.87 | 53.33 | -57.47 | 110.80 | 111 | 209 | Peak |
| 5 | | 5725.000 | 50.87 | 1.89 | 52.77 | -69.43 | 122.20 | 111 | 209 | Peak |
| 6 | | 5857.600 | 105.35 | 2.25 | 107.60 | N/A | N/A | 111 | 209 | Peak |
| 7 | | 5895.000 | 54.02 | 2.26 | 56.28 | -73.92 | 130.20 | 111 | 209 | Peak |
| 8 | | 5925.000 | 51.55 | 2.27 | 53.82 | -54.38 | 108.20 | 111 | 209 | Peak |
| 9 | | 5990.800 | 52.55 | 2.28 | 54.83 | -53.37 | 108.20 | 111 | 209 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

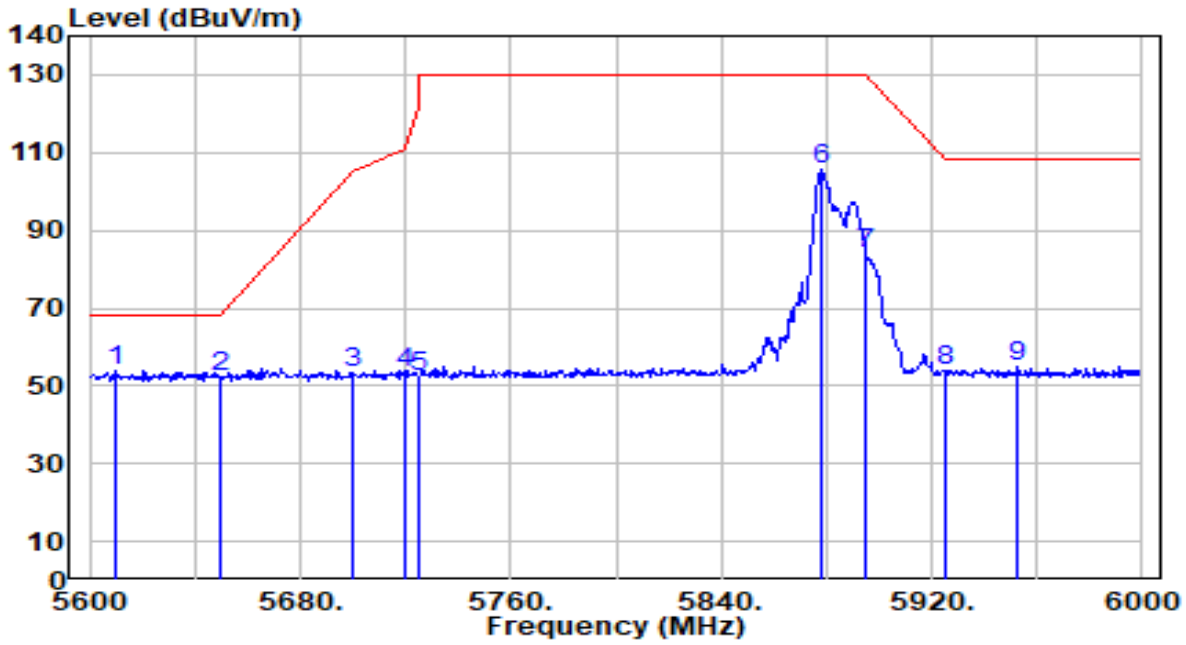



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5637.200 | 57.91 | 1.48 | 59.39 | -8.81 | 68.20 | 190 | 224 | Peak |
| 2 | | 5650.000 | 55.42 | 1.54 | 56.97 | -11.23 | 68.20 | 190 | 224 | Peak |
| 3 | | 5700.000 | 56.68 | 1.78 | 58.46 | -46.74 | 105.20 | 190 | 224 | Peak |
| 4 | | 5720.000 | 55.51 | 1.87 | 57.38 | -53.42 | 110.80 | 190 | 224 | Peak |
| 5 | | 5725.000 | 56.76 | 1.89 | 58.65 | -63.55 | 122.20 | 190 | 224 | Peak |
| 6 | | 5860.400 | 122.12 | 2.25 | 124.37 | N/A | N/A | 190 | 224 | Peak |
| 7 | | 5895.000 | 66.09 | 2.26 | 68.35 | -61.85 | 130.20 | 190 | 224 | Peak |
| 8 | | 5925.000 | 57.36 | 2.27 | 59.63 | -48.57 | 108.20 | 190 | 224 | Peak |
| 9 | | 5929.600 | 57.89 | 2.27 | 60.16 | -48.04 | 108.20 | 190 | 224 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

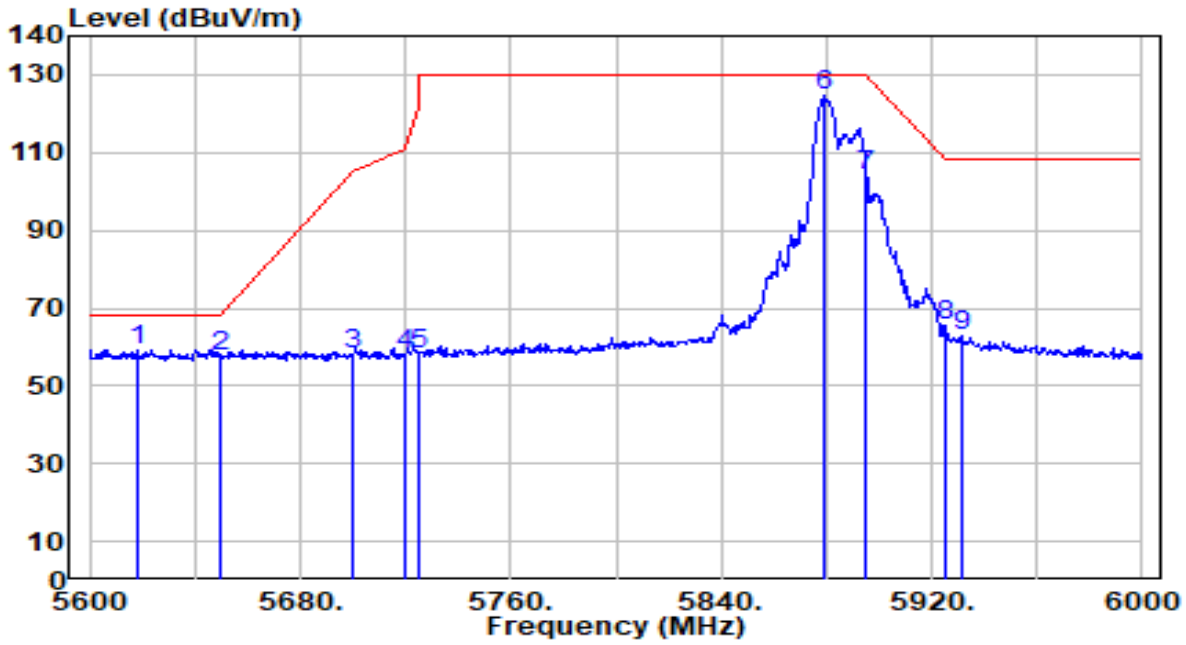



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5609.600 | 52.67 | 1.35 | 54.02 | -14.18 | 68.20 | 100 | 210 | Peak |
| 2 | | 5650.000 | 50.97 | 1.54 | 52.51 | -15.69 | 68.20 | 100 | 210 | Peak |
| 3 | | 5700.000 | 51.48 | 1.78 | 53.25 | -51.95 | 105.20 | 100 | 210 | Peak |
| 4 | | 5720.000 | 51.40 | 1.87 | 53.27 | -57.53 | 110.80 | 100 | 210 | Peak |
| 5 | | 5725.000 | 50.42 | 1.89 | 52.31 | -69.89 | 122.20 | 100 | 210 | Peak |
| 6 | | 5878.000 | 103.34 | 2.26 | 105.60 | N/A | N/A | 100 | 210 | Peak |
| 7 | | 5895.000 | 81.99 | 2.26 | 84.25 | -45.95 | 130.20 | 100 | 210 | Peak |
| 8 | | 5925.000 | 51.45 | 2.27 | 53.71 | -54.49 | 108.20 | 100 | 210 | Peak |
| 9 | | 5952.800 | 52.69 | 2.27 | 54.96 | -53.24 | 108.20 | 100 | 210 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11a_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

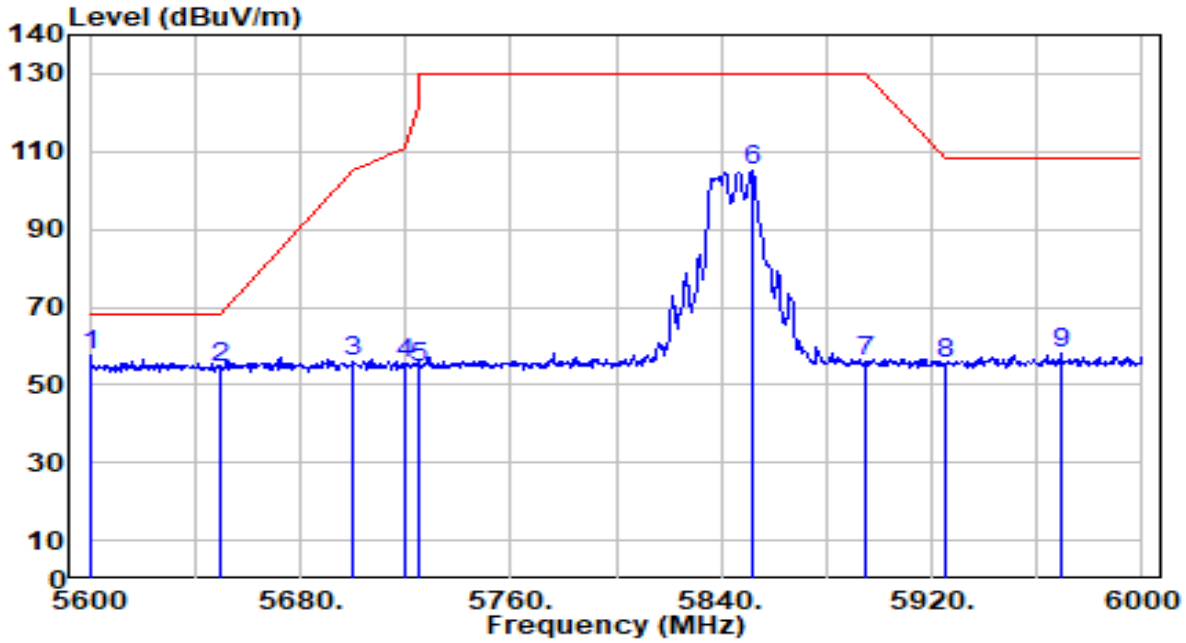



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5618.000 | 57.99 | 1.39 | 59.39 | -8.81 | 68.20 | 179 | 226 | Peak |
| 2 | | 5650.000 | 55.98 | 1.54 | 57.52 | -10.68 | 68.20 | 179 | 226 | Peak |
| 3 | | 5700.000 | 56.39 | 1.78 | 58.17 | -47.03 | 105.20 | 179 | 226 | Peak |
| 4 | | 5720.000 | 56.18 | 1.87 | 58.05 | -52.75 | 110.80 | 179 | 226 | Peak |
| 5 | | 5725.000 | 56.16 | 1.89 | 58.05 | -64.15 | 122.20 | 179 | 226 | Peak |
| 6 | | 5879.600 | 122.17 | 2.26 | 124.43 | N/A | N/A | 179 | 226 | Peak |
| 7 | | 5895.000 | 101.81 | 2.26 | 104.08 | -26.12 | 130.20 | 179 | 226 | Peak |
| 8 | | 5925.000 | 63.03 | 2.27 | 65.30 | -42.90 | 108.20 | 179 | 226 | Peak |
| 9 | | 5931.200 | 60.75 | 2.27 | 63.02 | -45.18 | 108.20 | 179 | 226 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

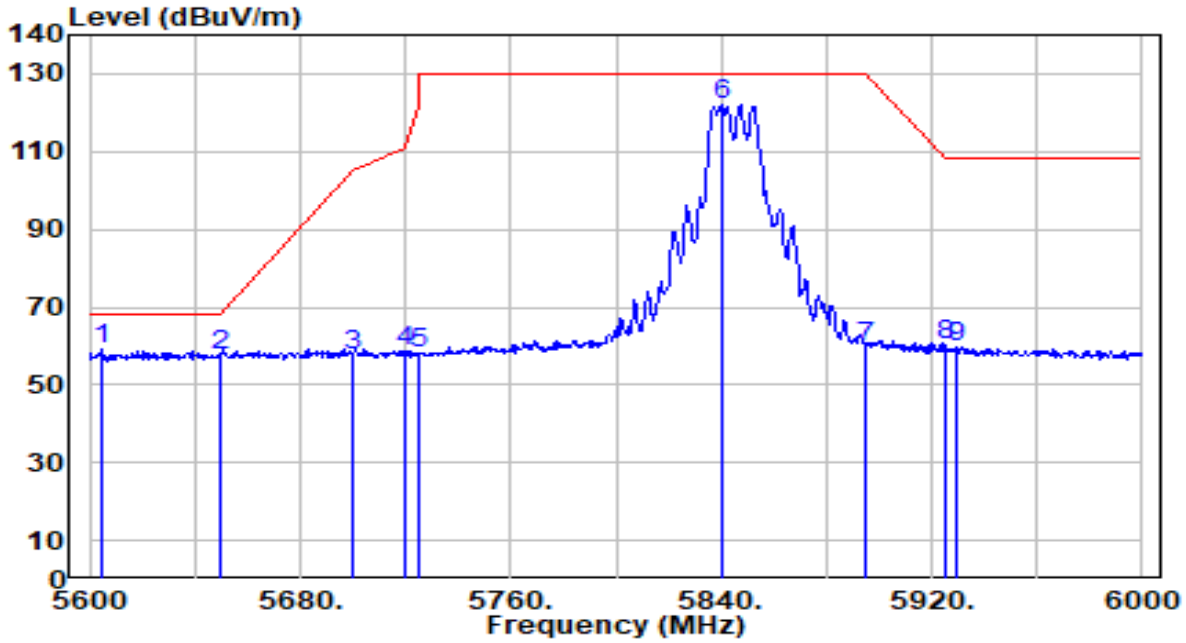



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5600.000 | 56.01 | 1.31 | 57.32 | -10.88 | 68.20 | 100 | 209 | Peak |
| 2 | | 5650.000 | 52.87 | 1.54 | 54.41 | -13.79 | 68.20 | 100 | 209 | Peak |
| 3 | | 5700.000 | 54.06 | 1.78 | 55.84 | -49.36 | 105.20 | 100 | 209 | Peak |
| 4 | | 5720.000 | 53.39 | 1.87 | 55.26 | -55.54 | 110.80 | 100 | 209 | Peak |
| 5 | | 5725.000 | 52.38 | 1.89 | 54.27 | -67.93 | 122.20 | 100 | 209 | Peak |
| 6 | | 5851.600 | 102.69 | 2.25 | 104.95 | N/A | N/A | 100 | 209 | Peak |
| 7 | | 5895.000 | 53.66 | 2.26 | 55.92 | -74.28 | 130.20 | 100 | 209 | Peak |
| 8 | | 5925.000 | 53.30 | 2.27 | 55.56 | -52.64 | 108.20 | 100 | 209 | Peak |
| 9 | | 5968.800 | 55.96 | 2.27 | 58.23 | -49.97 | 108.20 | 100 | 209 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 169_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

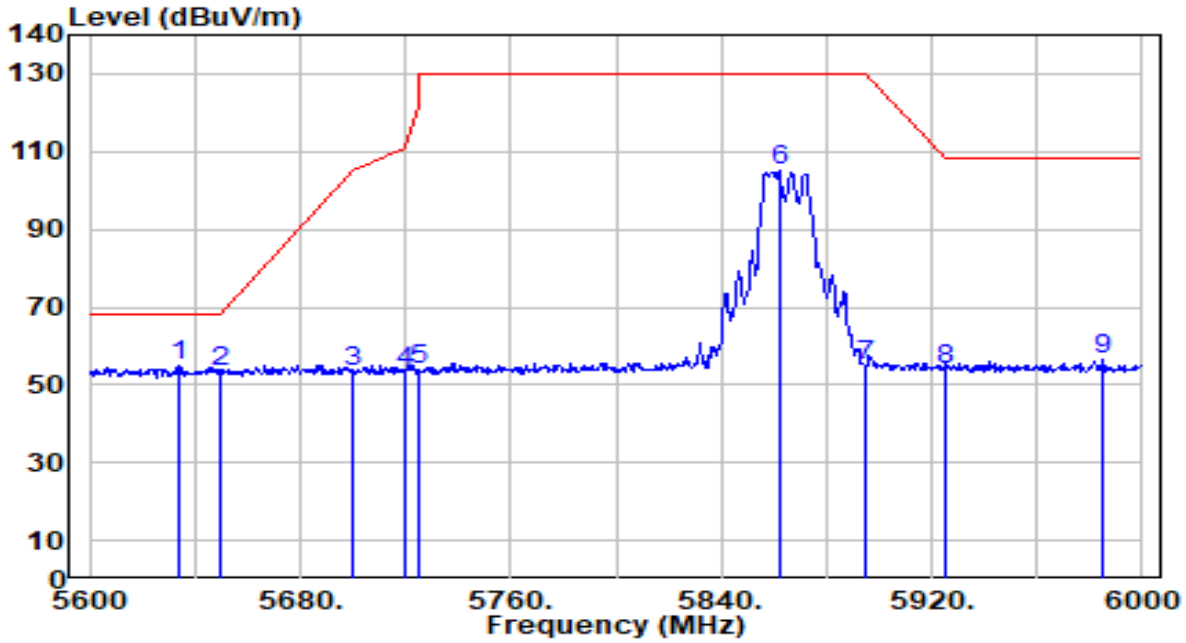



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5604.400 | 57.75 | 1.33 | 59.08 | -9.12 | 68.20 | 190 | 225 | Peak |
| 2 | | 5650.000 | 56.20 | 1.54 | 57.74 | -10.46 | 68.20 | 190 | 225 | Peak |
| 3 | | 5700.000 | 55.90 | 1.78 | 57.68 | -47.52 | 105.20 | 190 | 225 | Peak |
| 4 | | 5720.000 | 56.60 | 1.87 | 58.47 | -52.33 | 110.80 | 190 | 225 | Peak |
| 5 | | 5725.000 | 56.46 | 1.89 | 58.36 | -63.84 | 122.20 | 190 | 225 | Peak |
| 6 | | 5840.400 | 119.79 | 2.25 | 122.04 | N/A | N/A | 190 | 225 | Peak |
| 7 | | 5895.000 | 57.49 | 2.26 | 59.76 | -70.44 | 130.20 | 190 | 225 | Peak |
| 8 | | 5925.000 | 58.22 | 2.27 | 60.48 | -47.72 | 108.20 | 190 | 225 | Peak |
| 9 | | 5929.600 | 57.53 | 2.27 | 59.80 | -48.40 | 108.20 | 190 | 225 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

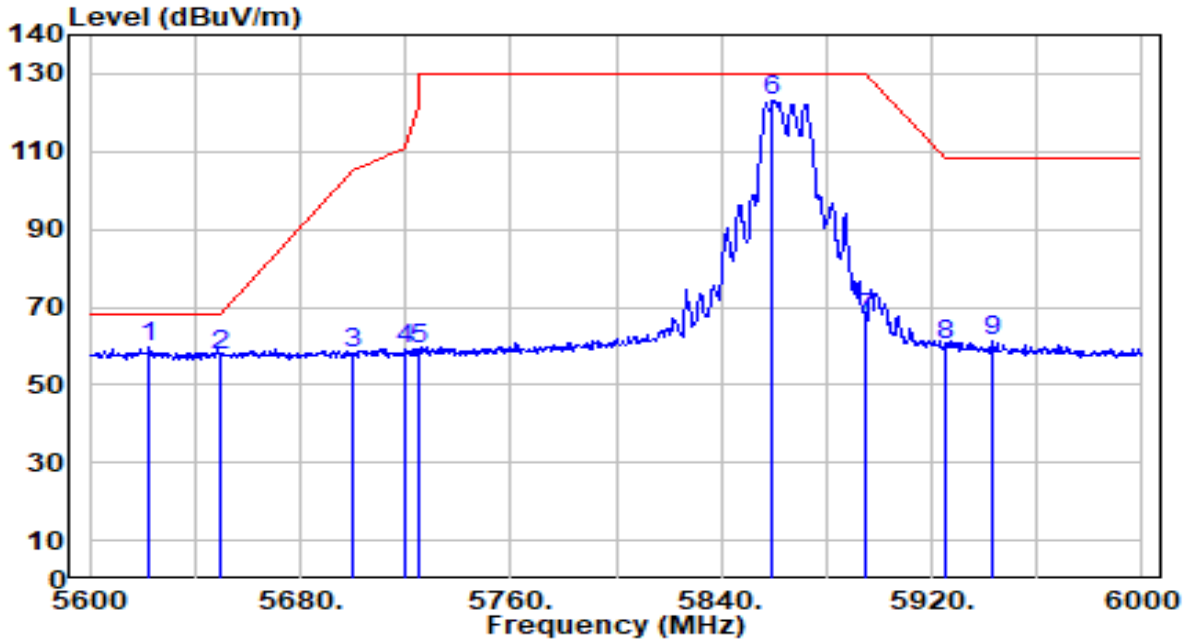



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5633.600 | 53.59 | 1.47 | 55.06 | -13.14 | 68.20 | 100 | 208 | Peak |
| 2 | | 5650.000 | 51.56 | 1.54 | 53.10 | -15.10 | 68.20 | 100 | 208 | Peak |
| 3 | | 5700.000 | 51.38 | 1.78 | 53.16 | -52.04 | 105.20 | 100 | 208 | Peak |
| 4 | | 5720.000 | 51.34 | 1.87 | 53.21 | -57.59 | 110.80 | 100 | 208 | Peak |
| 5 | | 5725.000 | 52.14 | 1.89 | 54.04 | -68.16 | 122.20 | 100 | 208 | Peak |
| 6 | | 5862.000 | 102.73 | 2.26 | 104.99 | N/A | N/A | 100 | 208 | Peak |
| 7 | | 5895.000 | 52.91 | 2.26 | 55.17 | -75.03 | 130.20 | 100 | 208 | Peak |
| 8 | | 5925.000 | 51.50 | 2.27 | 53.77 | -54.43 | 108.20 | 100 | 208 | Peak |
| 9 | | 5984.800 | 54.01 | 2.28 | 56.29 | -51.91 | 108.20 | 100 | 208 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

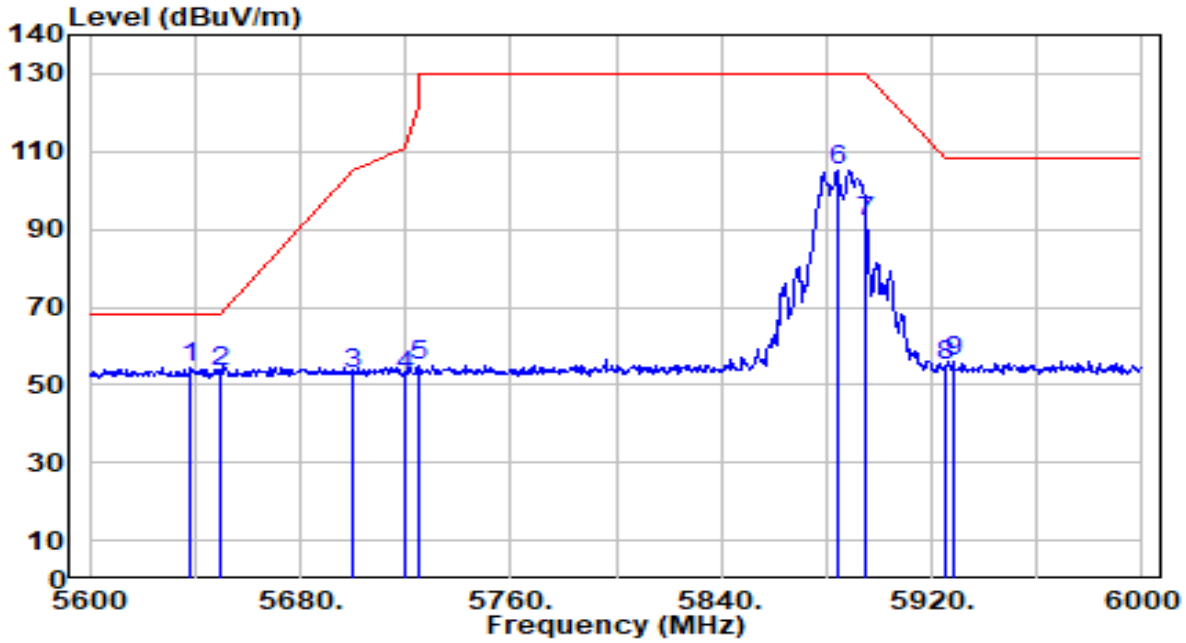



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5622.800 | 58.16 | 1.41 | 59.57 | -8.63 | 68.20 | 189 | 223 | Peak |
| 2 | | 5650.000 | 56.02 | 1.54 | 57.57 | -10.63 | 68.20 | 189 | 223 | Peak |
| 3 | | 5700.000 | 56.57 | 1.78 | 58.35 | -46.85 | 105.20 | 189 | 223 | Peak |
| 4 | | 5720.000 | 57.10 | 1.87 | 58.97 | -51.83 | 110.80 | 189 | 223 | Peak |
| 5 | | 5725.000 | 57.38 | 1.89 | 59.27 | -62.93 | 122.20 | 189 | 223 | Peak |
| 6 | | 5859.600 | 120.78 | 2.25 | 123.03 | N/A | N/A | 189 | 223 | Peak |
| 7 | | 5895.000 | 64.95 | 2.26 | 67.21 | -62.99 | 130.20 | 189 | 223 | Peak |
| 8 | | 5925.000 | 57.78 | 2.27 | 60.05 | -48.15 | 108.20 | 189 | 223 | Peak |
| 9 | | 5943.200 | 58.88 | 2.27 | 61.15 | -47.05 | 108.20 | 189 | 223 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

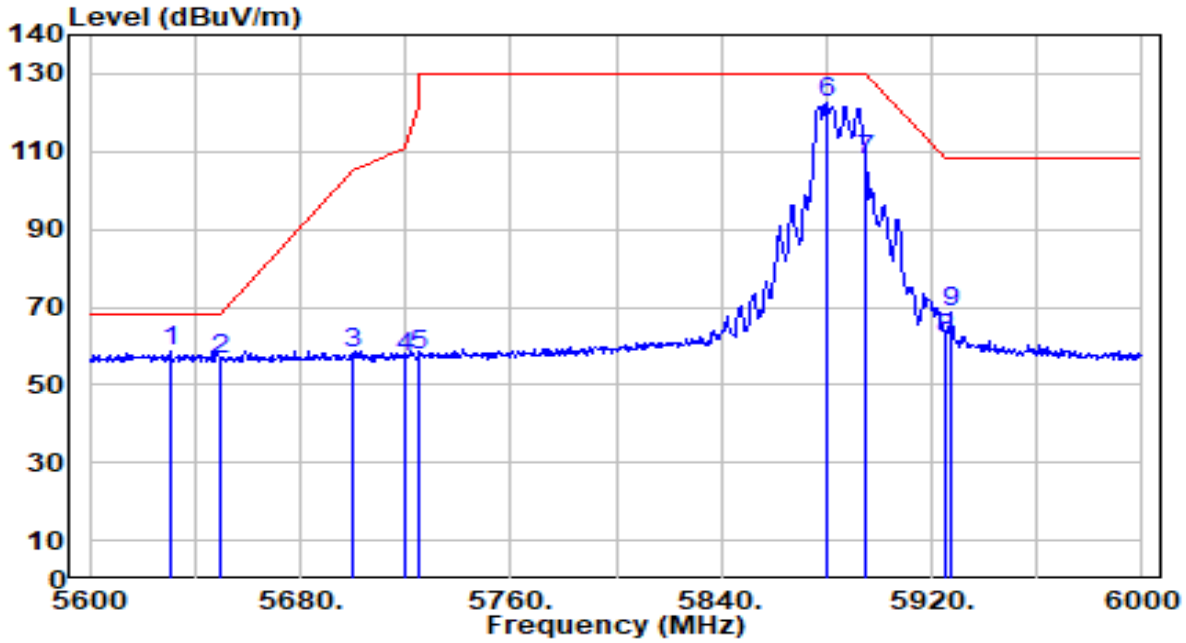



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5638.400 | 52.71 | 1.49 | 54.20 | -14.00 | 68.20 | 119 | 322 | Peak |
| 2 | | 5650.000 | 51.86 | 1.54 | 53.41 | -14.79 | 68.20 | 119 | 322 | Peak |
| 3 | | 5700.000 | 51.28 | 1.78 | 53.05 | -52.15 | 105.20 | 119 | 322 | Peak |
| 4 | | 5720.000 | 50.60 | 1.87 | 52.47 | -58.33 | 110.80 | 119 | 322 | Peak |
| 5 | | 5725.000 | 53.28 | 1.89 | 55.17 | -67.03 | 122.20 | 119 | 322 | Peak |
| 6 | | 5884.000 | 102.90 | 2.26 | 105.16 | N/A | N/A | 119 | 322 | Peak |
| 7 | | 5895.000 | 89.50 | 2.26 | 91.77 | -38.43 | 130.20 | 119 | 322 | Peak |
| 8 | | 5925.000 | 52.68 | 2.27 | 54.94 | -53.26 | 108.20 | 119 | 322 | Peak |
| 9 | | 5928.000 | 53.55 | 2.27 | 55.81 | -52.39 | 108.20 | 119 | 322 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-20MHz_TX_Band4_CH 177_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

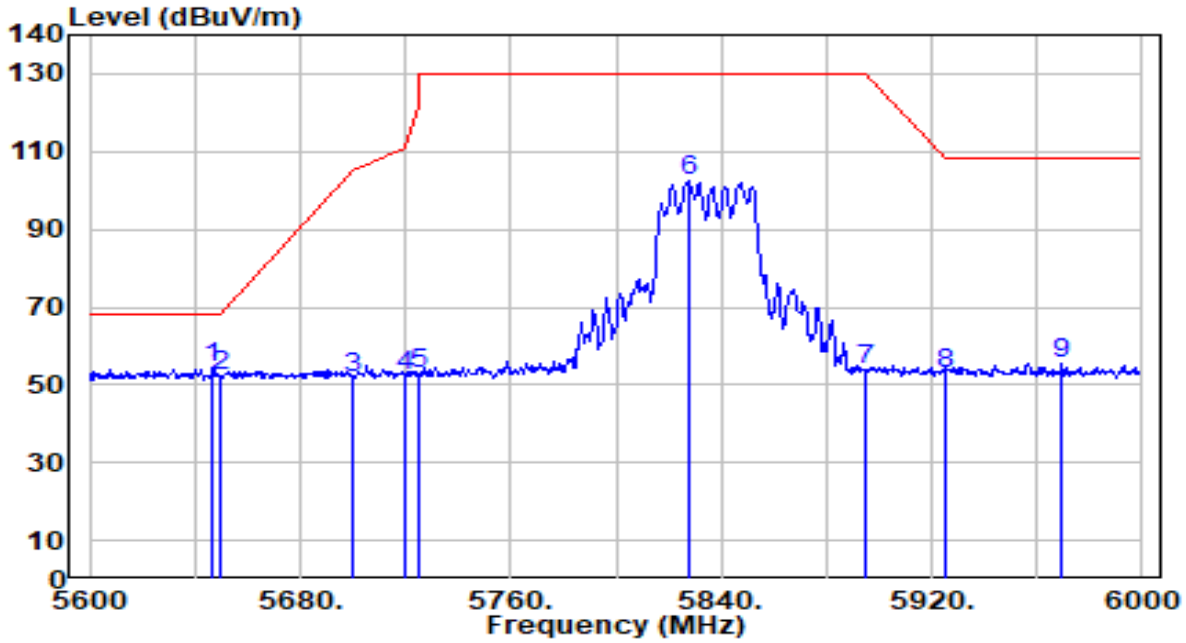



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5630.800 | 57.39 | 1.45 | 58.84 | -9.36 | 68.20 | 188 | 223 | Peak |
| 2 | | 5650.000 | 55.11 | 1.54 | 56.65 | -11.55 | 68.20 | 188 | 223 | Peak |
| 3 | | 5700.000 | 56.15 | 1.78 | 57.93 | -47.27 | 105.20 | 188 | 223 | Peak |
| 4 | | 5720.000 | 55.25 | 1.87 | 57.12 | -53.68 | 110.80 | 188 | 223 | Peak |
| 5 | | 5725.000 | 55.44 | 1.89 | 57.34 | -64.86 | 122.20 | 188 | 223 | Peak |
| 6 | | 5880.000 | 120.13 | 2.26 | 122.39 | N/A | N/A | 188 | 223 | Peak |
| 7 | | 5895.000 | 105.30 | 2.26 | 107.56 | -22.64 | 130.20 | 188 | 223 | Peak |
| 8 | | 5925.000 | 59.74 | 2.27 | 62.01 | -46.19 | 108.20 | 188 | 223 | Peak |
| 9 | | 5927.200 | 66.27 | 2.27 | 68.54 | -39.66 | 108.20 | 188 | 223 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

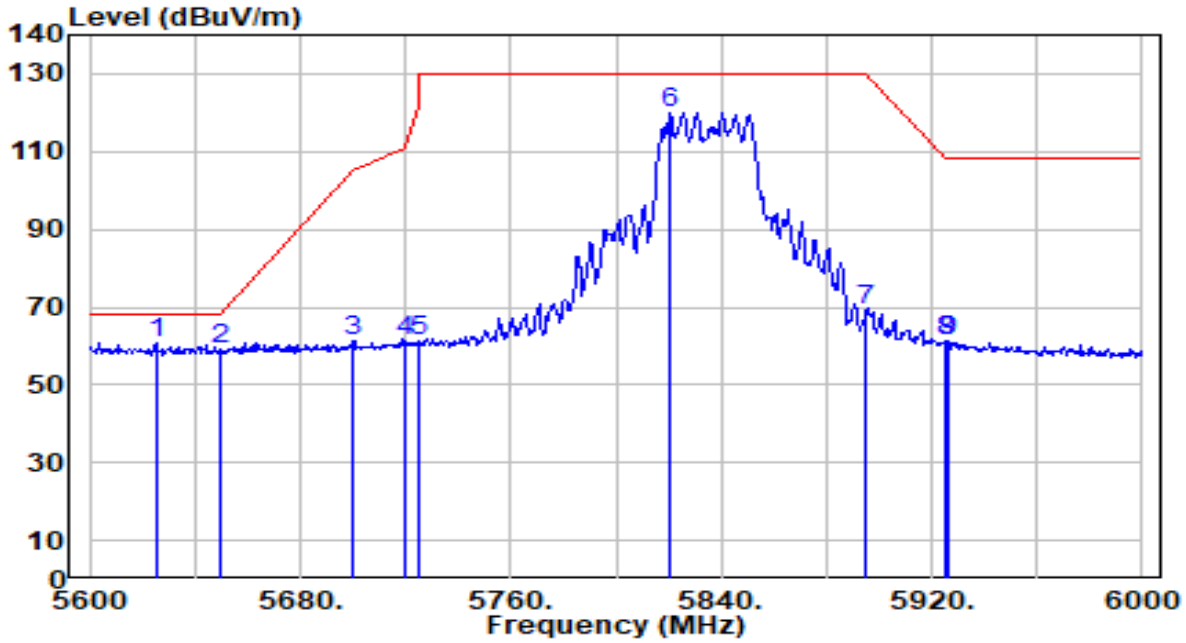



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5646.800 | 52.69 | 1.53 | 54.22 | -13.98 | 68.20 | 100 | 209 | Peak |
| 2 | | 5650.000 | 50.90 | 1.54 | 52.44 | -15.76 | 68.20 | 100 | 209 | Peak |
| 3 | | 5700.000 | 50.07 | 1.78 | 51.84 | -53.36 | 105.20 | 100 | 209 | Peak |
| 4 | | 5720.000 | 50.46 | 1.87 | 52.33 | -58.47 | 110.80 | 100 | 209 | Peak |
| 5 | | 5725.000 | 51.08 | 1.89 | 52.97 | -69.23 | 122.20 | 100 | 209 | Peak |
| 6 | | 5827.600 | 100.30 | 2.25 | 102.54 | N/A | N/A | 100 | 209 | Peak |
| 7 | | 5895.000 | 51.46 | 2.26 | 53.72 | -76.48 | 130.20 | 100 | 209 | Peak |
| 8 | | 5925.000 | 50.35 | 2.27 | 52.62 | -55.58 | 108.20 | 100 | 209 | Peak |
| 9 | | 5969.200 | 53.38 | 2.27 | 55.66 | -52.54 | 108.20 | 100 | 209 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 167_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

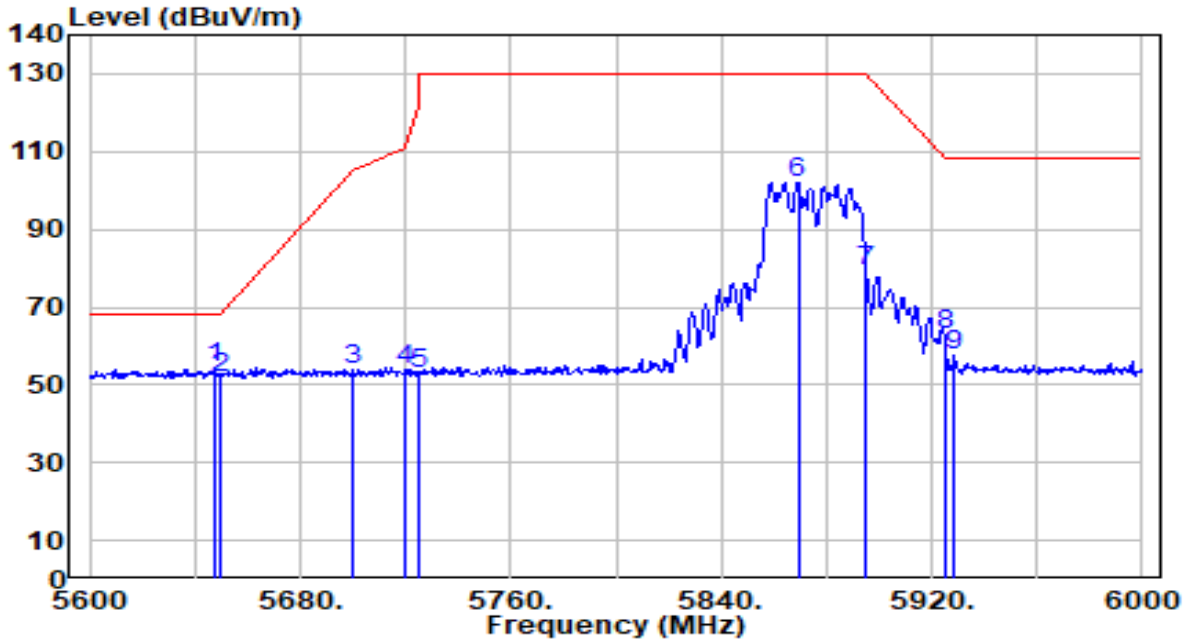



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5625.200 | 59.46 | 1.43 | 60.89 | -7.31 | 68.20 | 192 | 22 | Peak |
| 2 | | 5650.000 | 57.47 | 1.54 | 59.02 | -9.18 | 68.20 | 192 | 22 | Peak |
| 3 | | 5700.000 | 59.53 | 1.78 | 61.31 | -43.89 | 105.20 | 192 | 22 | Peak |
| 4 | | 5720.000 | 59.18 | 1.87 | 61.05 | -49.75 | 110.80 | 192 | 22 | Peak |
| 5 | | 5725.000 | 59.36 | 1.89 | 61.25 | -60.95 | 122.20 | 192 | 22 | Peak |
| 6 | | 5820.400 | 117.49 | 2.25 | 119.74 | N/A | N/A | 192 | 22 | Peak |
| 7 | | 5895.000 | 66.82 | 2.26 | 69.08 | -61.12 | 130.20 | 192 | 22 | Peak |
| 8 | | 5925.000 | 59.13 | 2.27 | 61.40 | -46.80 | 108.20 | 192 | 22 | Peak |
| 9 | | 5926.400 | 59.01 | 2.27 | 61.27 | -46.93 | 108.20 | 192 | 22 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

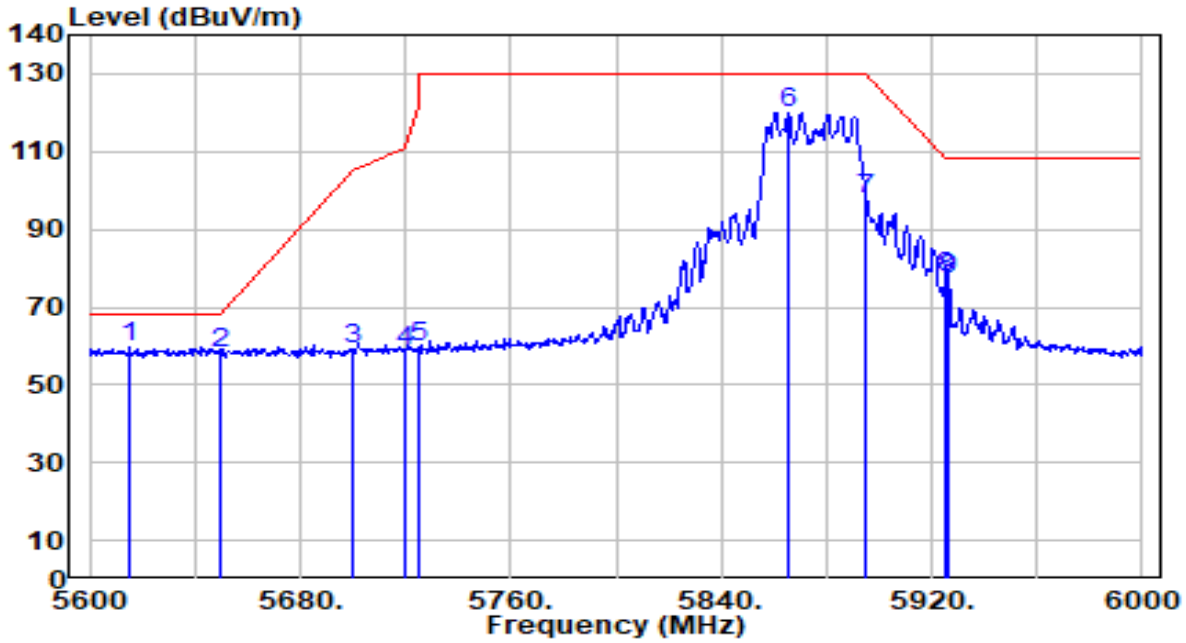



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5647.200 | 52.91 | 1.53 | 54.44 | -13.76 | 68.20 | 137 | 322 | Peak |
| 2 | | 5650.000 | 50.07 | 1.54 | 51.61 | -16.59 | 68.20 | 137 | 322 | Peak |
| 3 | | 5700.000 | 52.25 | 1.78 | 54.03 | -51.17 | 105.20 | 137 | 322 | Peak |
| 4 | | 5720.000 | 51.83 | 1.87 | 53.70 | -57.10 | 110.80 | 137 | 322 | Peak |
| 5 | | 5725.000 | 50.79 | 1.89 | 52.68 | -69.52 | 122.20 | 137 | 322 | Peak |
| 6 | | 5869.200 | 99.70 | 2.26 | 101.96 | N/A | N/A | 137 | 322 | Peak |
| 7 | | 5895.000 | 76.73 | 2.26 | 78.99 | -51.21 | 130.20 | 137 | 322 | Peak |
| 8 | | 5925.000 | 60.77 | 2.27 | 63.04 | -45.16 | 108.20 | 137 | 322 | Peak |
| 9 | | 5928.800 | 55.18 | 2.27 | 57.45 | -50.75 | 108.20 | 137 | 322 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-40MHz_TX_Band4_CH 175_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

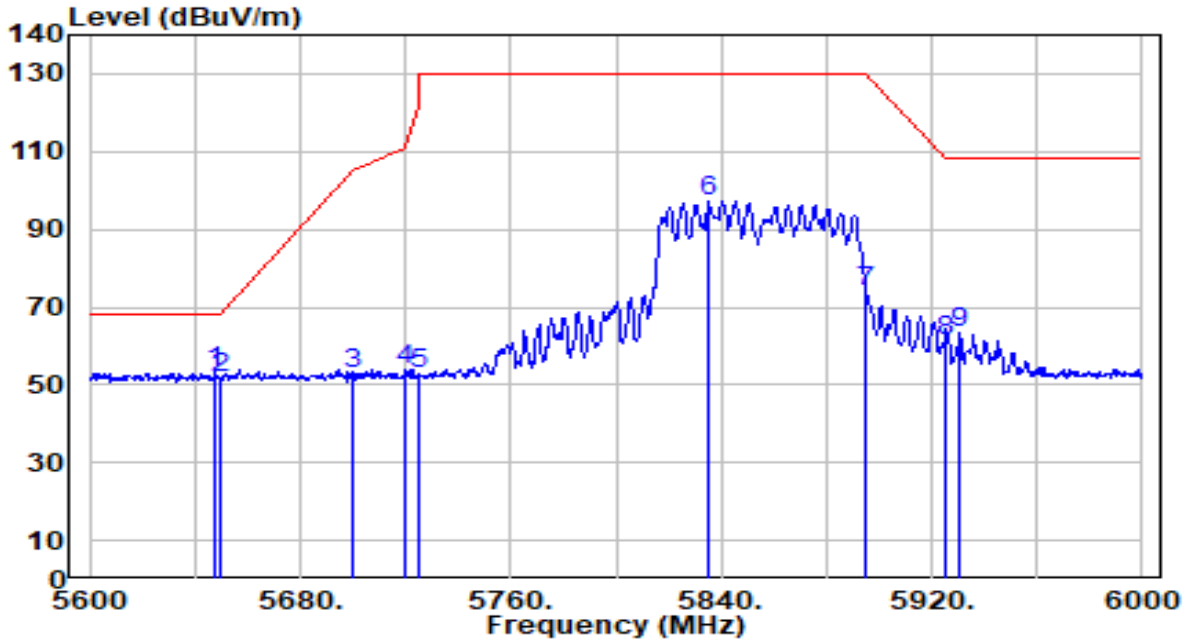



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5615.200 | 58.28 | 1.38 | 59.66 | -8.54 | 68.20 | 190 | 21 | Peak |
| 2 | | 5650.000 | 56.54 | 1.54 | 58.08 | -10.12 | 68.20 | 190 | 21 | Peak |
| 3 | | 5700.000 | 57.36 | 1.78 | 59.14 | -46.06 | 105.20 | 190 | 21 | Peak |
| 4 | | 5720.000 | 56.57 | 1.87 | 58.44 | -52.36 | 110.80 | 190 | 21 | Peak |
| 5 | | 5725.000 | 57.91 | 1.89 | 59.80 | -62.40 | 122.20 | 190 | 21 | Peak |
| 6 | | 5865.200 | 117.89 | 2.26 | 120.14 | N/A | N/A | 190 | 21 | Peak |
| 7 | | 5895.000 | 95.60 | 2.26 | 97.86 | -32.34 | 130.20 | 190 | 21 | Peak |
| 8 | | 5925.000 | 75.23 | 2.27 | 77.50 | -30.70 | 108.20 | 190 | 21 | Peak |
| 9 | | 5926.400 | 75.10 | 2.27 | 77.37 | -30.83 | 108.20 | 190 | 21 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Horizontal | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |

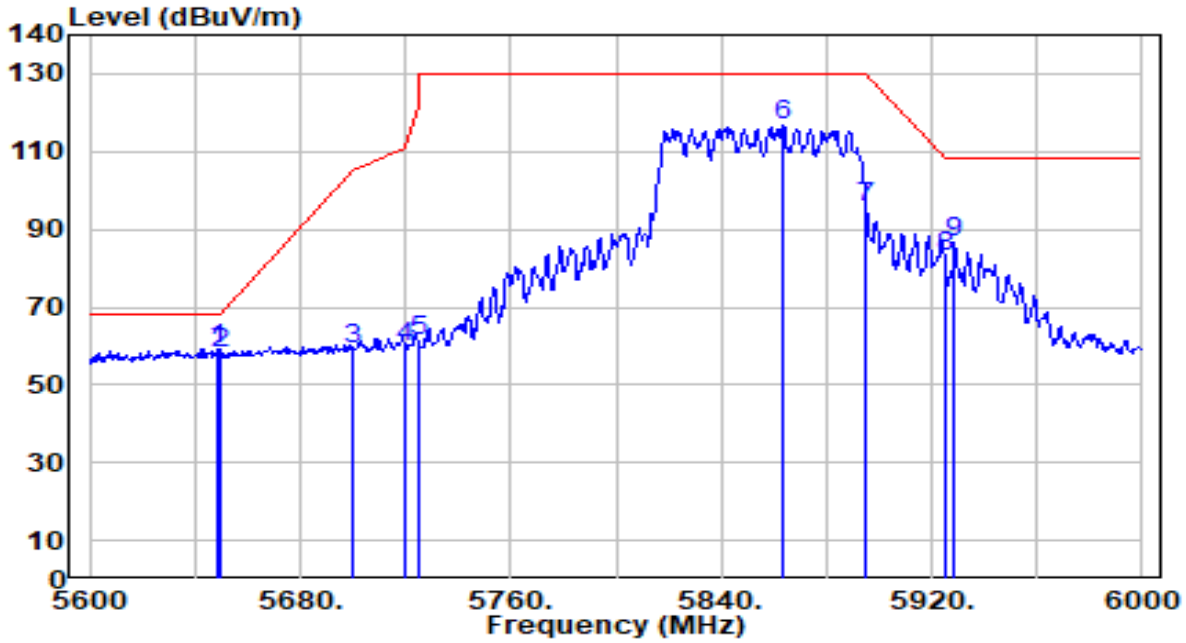



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5647.600 | 51.92 | 1.53 | 53.45 | -14.75 | 68.20 | 100 | 337 | Peak |
| 2 | | 5650.000 | 50.11 | 1.54 | 51.66 | -16.54 | 68.20 | 100 | 337 | Peak |
| 3 | | 5700.000 | 51.29 | 1.78 | 53.07 | -52.13 | 105.20 | 100 | 337 | Peak |
| 4 | | 5720.000 | 52.02 | 1.87 | 53.89 | -56.91 | 110.80 | 100 | 337 | Peak |
| 5 | | 5725.000 | 50.91 | 1.89 | 52.80 | -69.40 | 122.20 | 100 | 337 | Peak |
| 6 | | 5835.200 | 95.19 | 2.25 | 97.44 | N/A | N/A | 100 | 337 | Peak |
| 7 | | 5895.000 | 71.61 | 2.26 | 73.87 | -56.33 | 130.20 | 100 | 337 | Peak |
| 8 | | 5925.000 | 59.06 | 2.27 | 61.33 | -46.87 | 108.20 | 100 | 337 | Peak |
| 9 | | 5930.800 | 61.04 | 2.27 | 63.31 | -44.89 | 108.20 | 100 | 337 | 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 | BE6500 Dual-Band Wi-Fi 7 Gaming Router | Date of Test | 2025-02-08 |
|---|---|---|---|
| Factor | DRH18-E | Temp. / Humidity | 23°C /61% |
| Polarity | Vertical | Site / Test Engineer | AC2 / Yang |
| Test Mode | 802.11ac-80MHz_TX_Band4_CH 171_ANT 0+1+2+3 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5648.800 | 57.86 | 1.54 | 59.40 | -8.80 | 68.20 | 168 | 159 | Peak |
| 2 | | 5650.000 | 56.55 | 1.54 | 58.09 | -10.11 | 68.20 | 168 | 159 | Peak |
| 3 | | 5700.000 | 57.53 | 1.78 | 59.31 | -45.89 | 105.20 | 168 | 159 | Peak |
| 4 | | 5720.000 | 57.93 | 1.87 | 59.80 | -51.00 | 110.80 | 168 | 159 | Peak |
| 5 | | 5725.000 | 59.34 | 1.89 | 61.24 | -60.96 | 122.20 | 168 | 159 | Peak |
| 6 | | 5863.600 | 114.27 | 2.26 | 116.53 | N/A | N/A | 168 | 159 | Peak |
| 7 | | 5895.000 | 93.20 | 2.26 | 95.46 | -34.74 | 130.20 | 168 | 159 | Peak |
| 8 | | 5925.000 | 80.57 | 2.27 | 82.83 | -25.37 | 108.20 | 168 | 159 | Peak |
| 9 | | 5928.800 | 84.24 | 2.27 | 86.50 | -21.70 | 108.20 | 168 | 159 | 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.