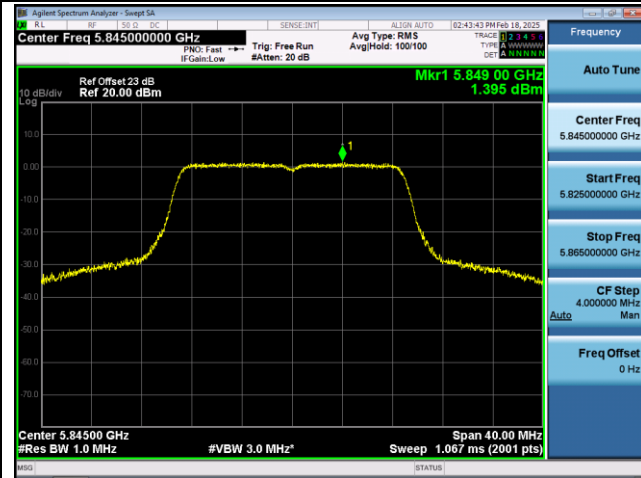
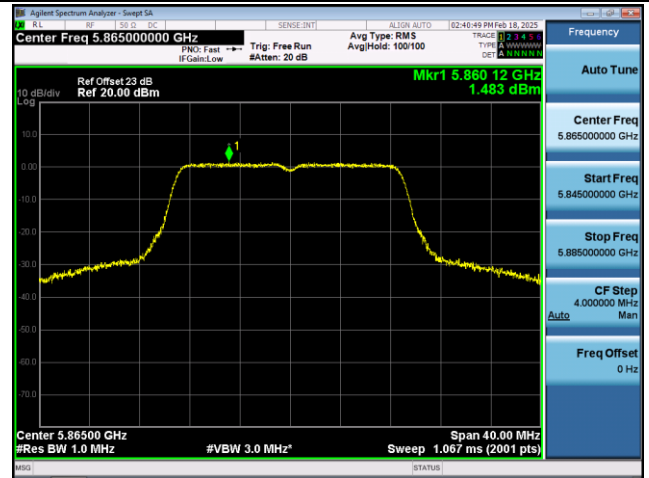


802.11ac-VHT20 Power Spectral Density - Ant 2

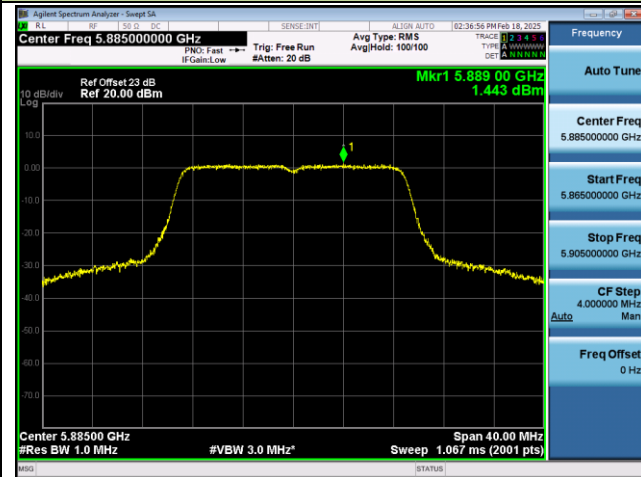
Channel 169 (5845MHz)



Channel 173 (5865MHz)



Channel 177 (5885MHz)



802.11ac-VHT40 Power Spectral Density - Ant 2

Channel 167 (5835MHz)

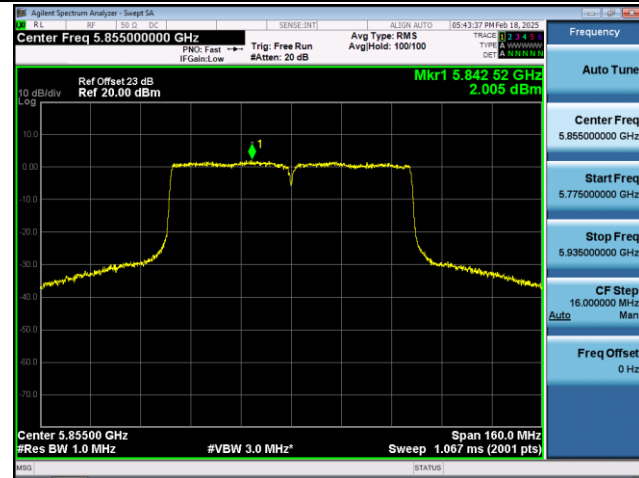


Channel 175 (5875MHz)



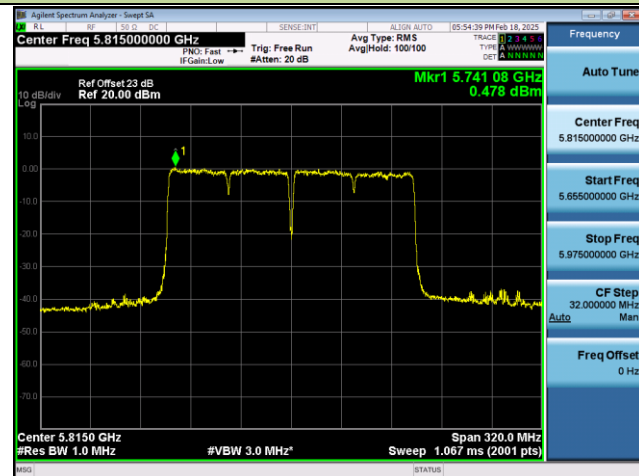
802.11ac-VHT80 Power Spectral Density - Ant 2

Channel 171 (5855MHz)



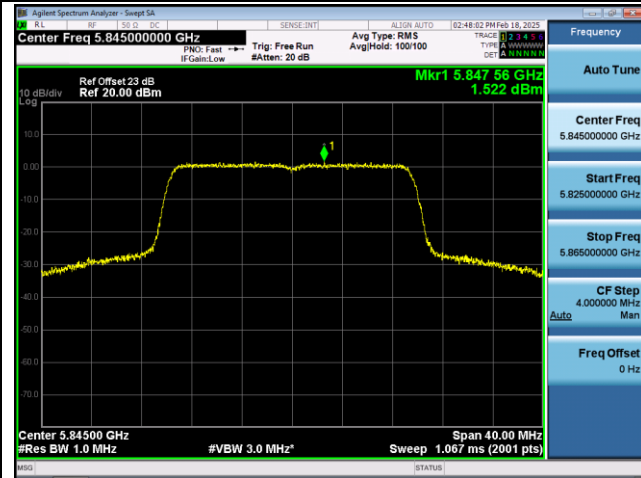
802.11ac-VHT160 Power Spectral Density - Ant 2

Channel 163 (5815MHz)

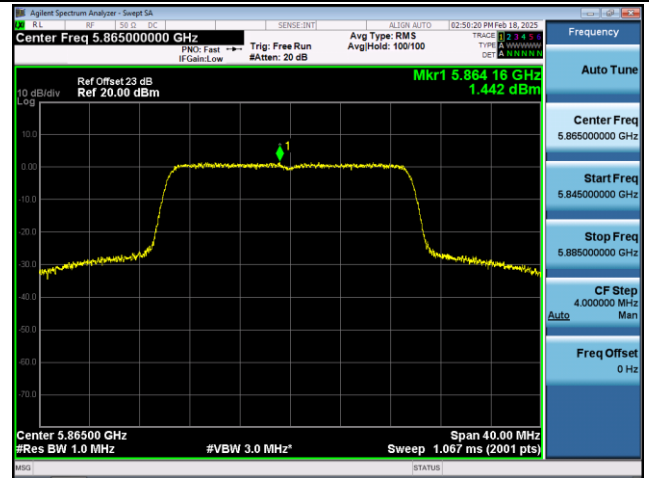


802.11ax-HE20 Power Spectral Density - Ant 2

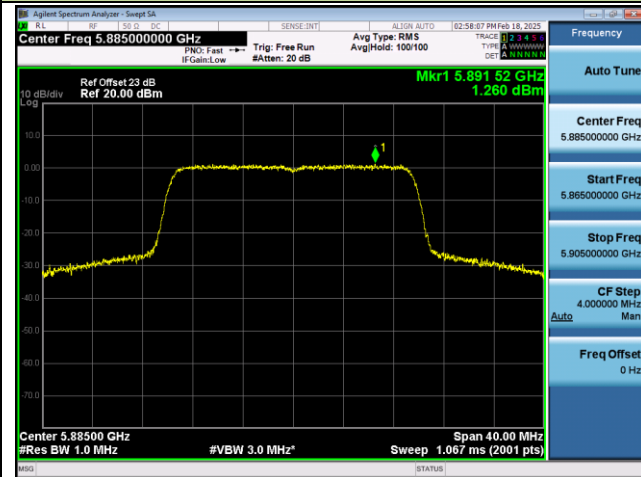
Channel 169 (5845MHz)



Channel 173 (5865MHz)

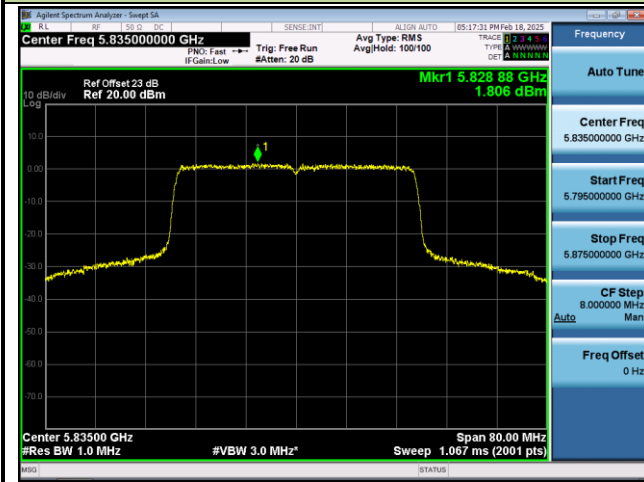


Channel 177 (5885MHz)



802.11 ax-HE40 Power Spectral Density - Ant 2

Channel 167 (5835MHz)

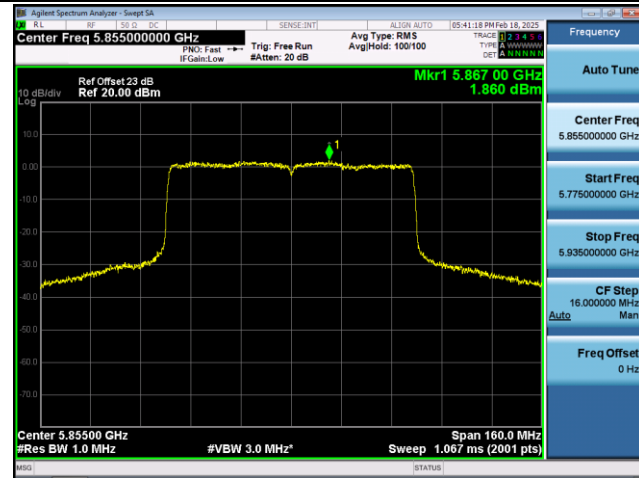


Channel 175 (5875MHz)



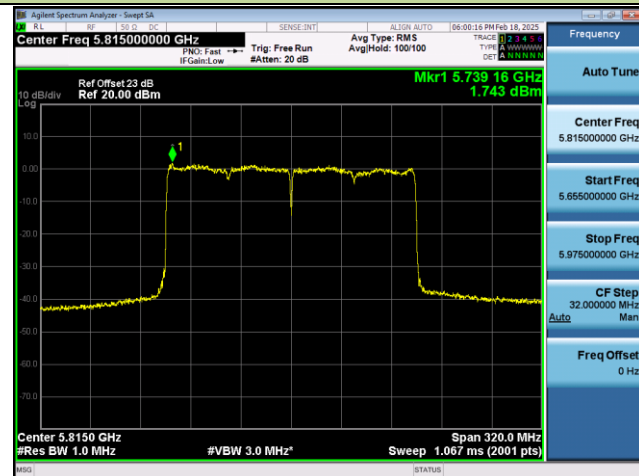
802.11 ax-HE80 Power Spectral Density - Ant 2

Channel 171 (5855MHz)



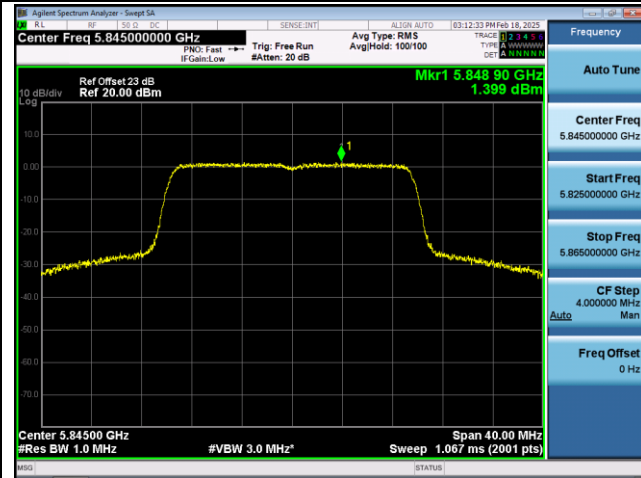
802.11 ax-HE160 Power Spectral Density - Ant 2

Channel 163 (5815MHz)

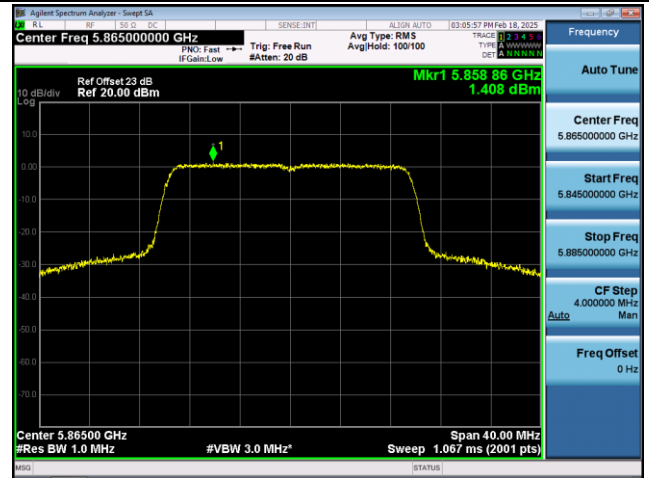


802.11 be-EHT20 Power Spectral Density - Ant 2

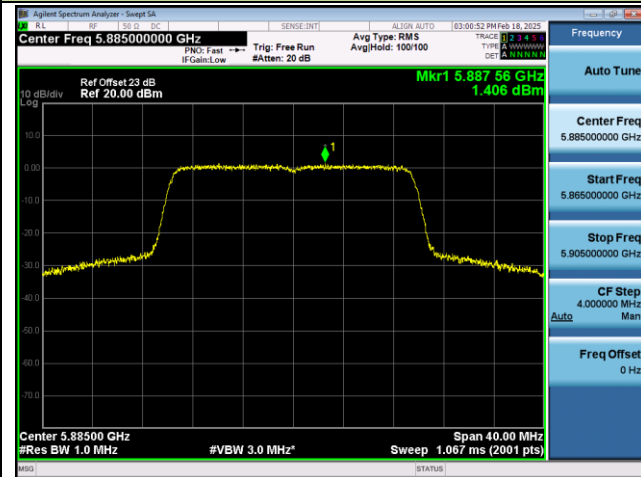
Channel 169 (5845MHz)



Channel 173 (5865MHz)

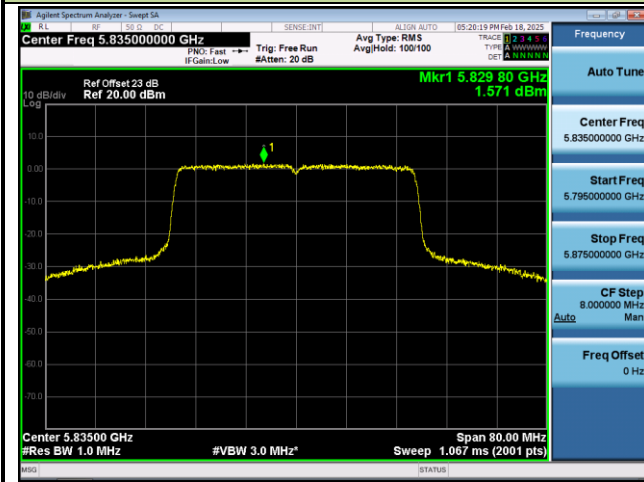


Channel 177 (5885MHz)



802.11 be-EHT40 Power Spectral Density - Ant 2

Channel 167 (5835MHz)

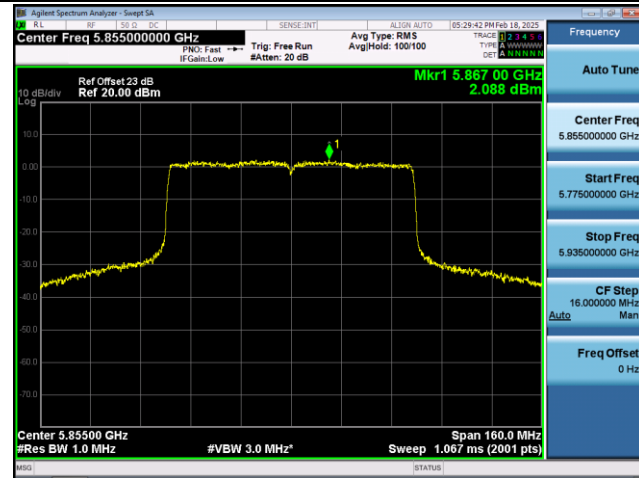


Channel 175 (5875MHz)



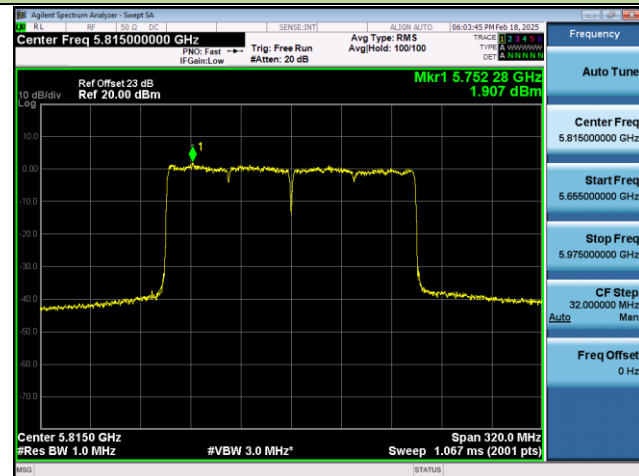
802.11 be-EHT80 Power Spectral Density - Ant 2

Channel 171 (5855MHz)



802.11be-EHT160 Power Spectral Density - Ant 2

Channel 163 (5815MHz)



802.11a Power Spectral Density - Ant 3

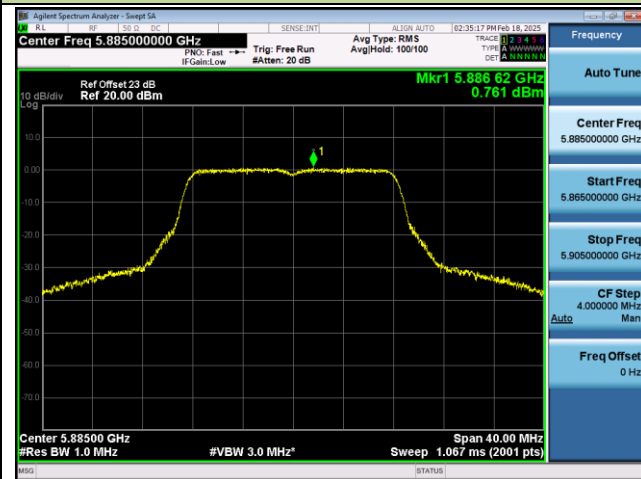
Channel 169 (5845MHz)



Channel 173 (5865MHz)



Channel 177 (5885MHz)



802.11ac-VHT20 Power Spectral Density - Ant 3

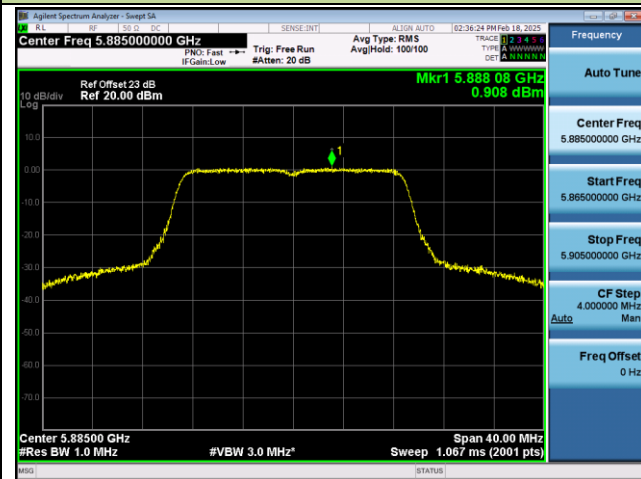
Channel 169 (5845MHz)



Channel 173 (5865MHz)

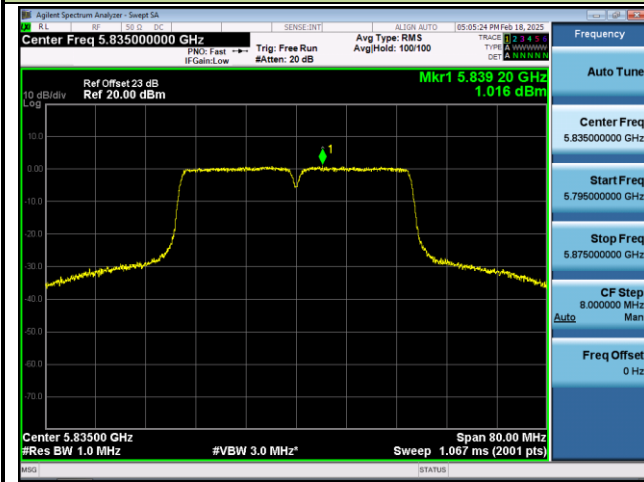


Channel 177 (5885MHz)



802.11ac-VHT40 Power Spectral Density - Ant 3

Channel 167 (5835MHz)

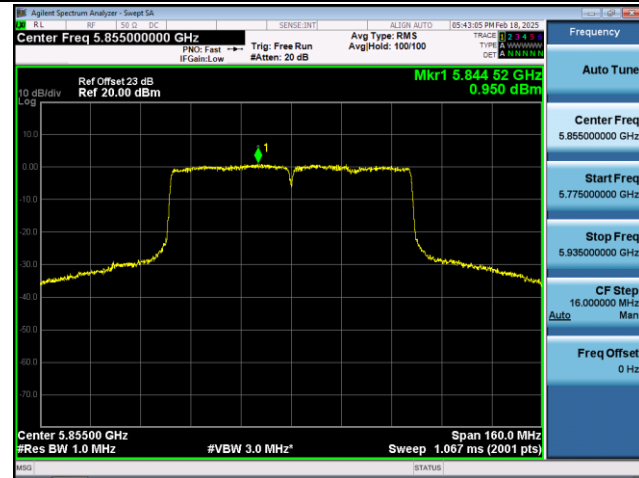


Channel 175 (5875MHz)



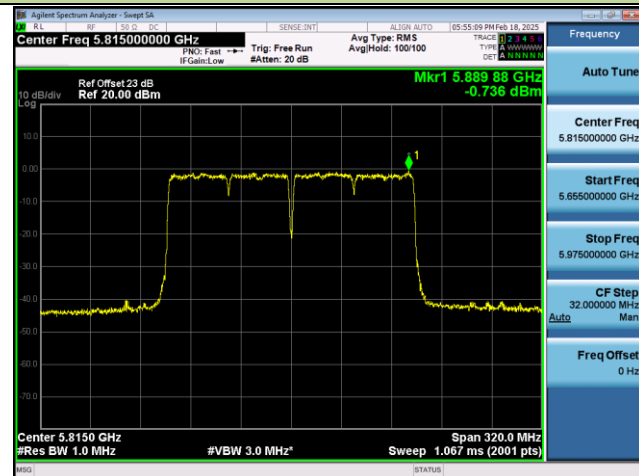
802.11ac-VHT80 Power Spectral Density - Ant 3

Channel 171 (5855MHz)



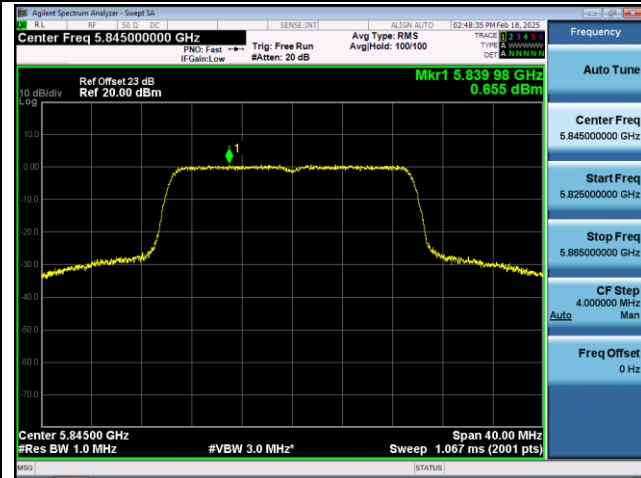
802.11ac-VHT160 Power Spectral Density - Ant 3

Channel 163 (5815MHz)

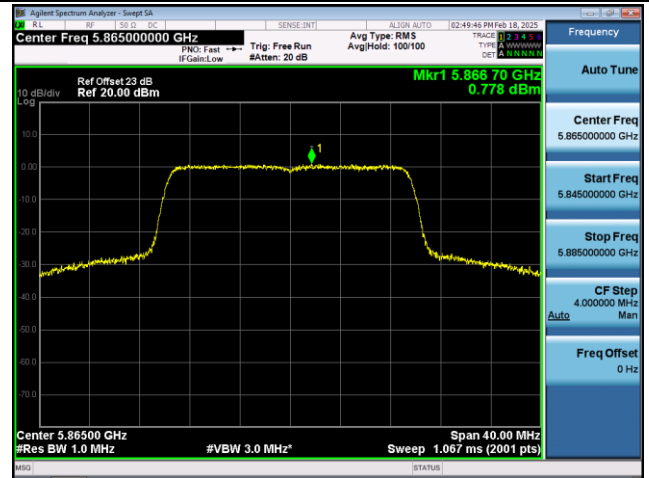


802.11ax-HE20 Power Spectral Density - Ant 3

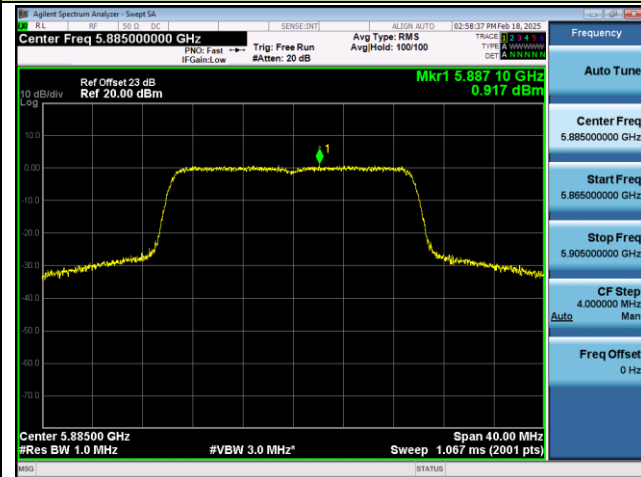
Channel 169 (5845MHz)



Channel 173 (5865MHz)

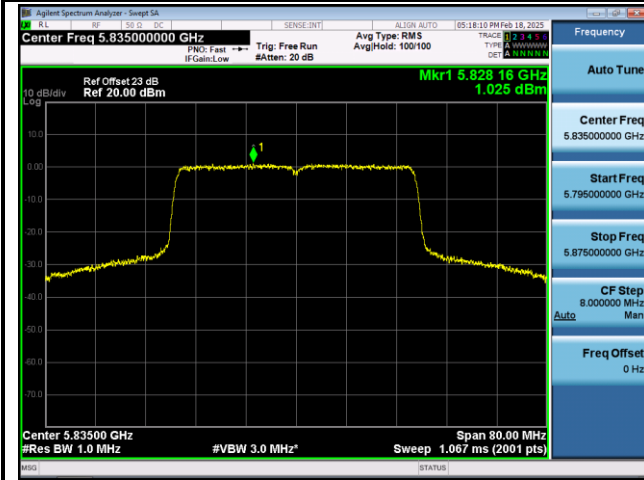


Channel 177 (5885MHz)

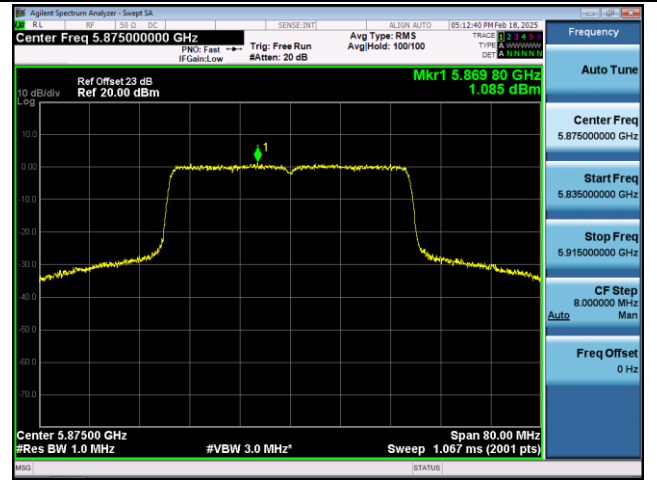


802.11 ax-HE40 Power Spectral Density - Ant 3

Channel 167 (5835MHz)

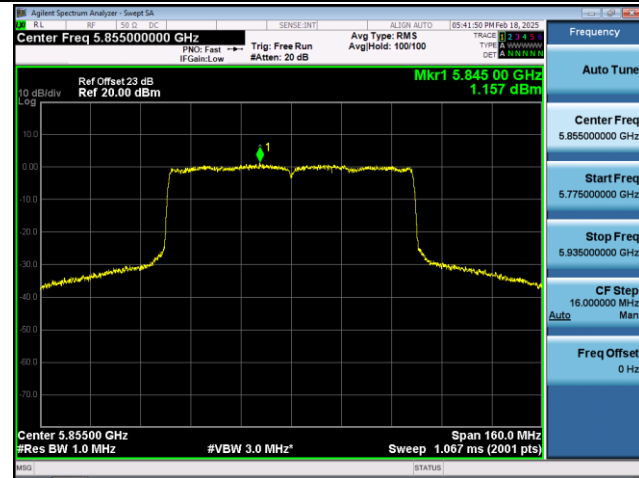


Channel 175 (5875MHz)



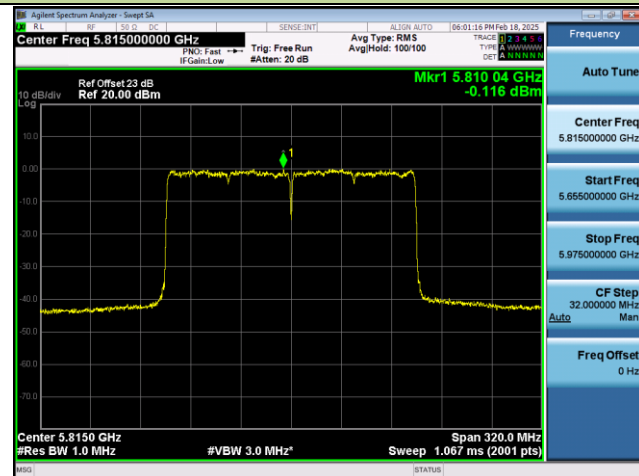
802.11 ax-HE80 Power Spectral Density - Ant 3

Channel 171 (5855MHz)



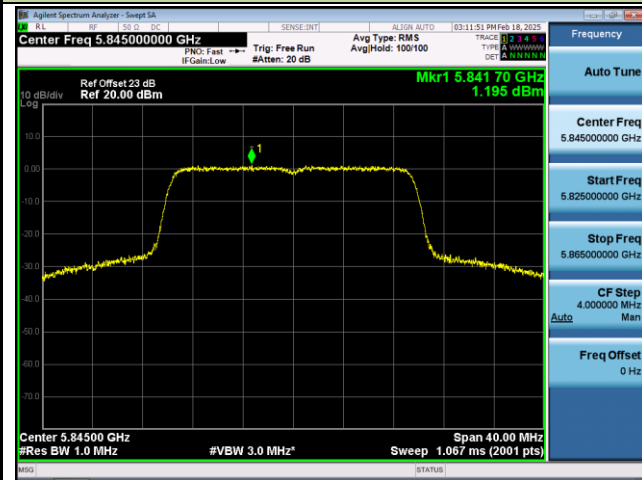
802.11 ax-HE160 Power Spectral Density - Ant 3

Channel 163 (5815MHz)



802.11 be-EHT20 Power Spectral Density - Ant 3

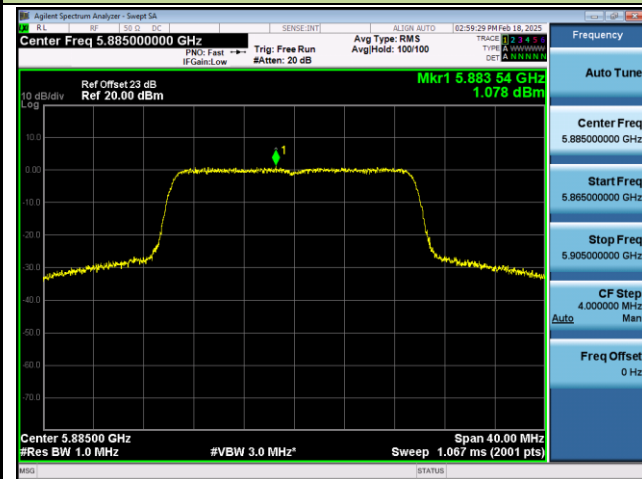
Channel 169 (5845MHz)



Channel 173 (5865MHz)

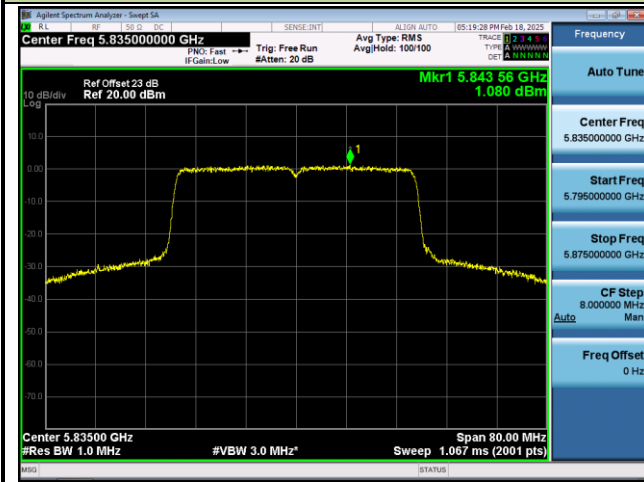


Channel 177 (5885MHz)



802.11 be-EHT40 Power Spectral Density - Ant 3

Channel 167 (5835MHz)

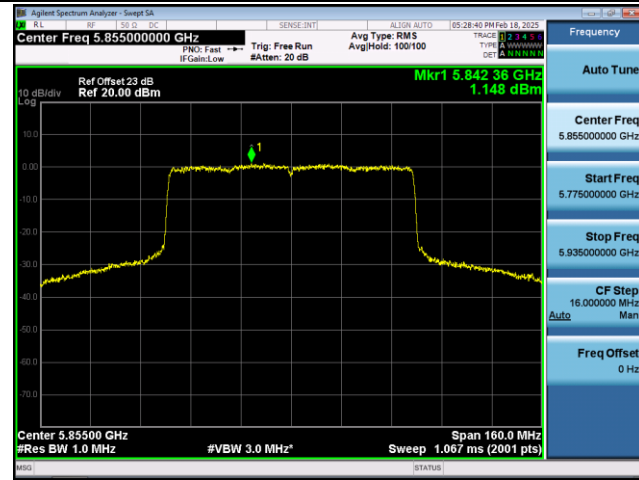


Channel 175 (5875MHz)



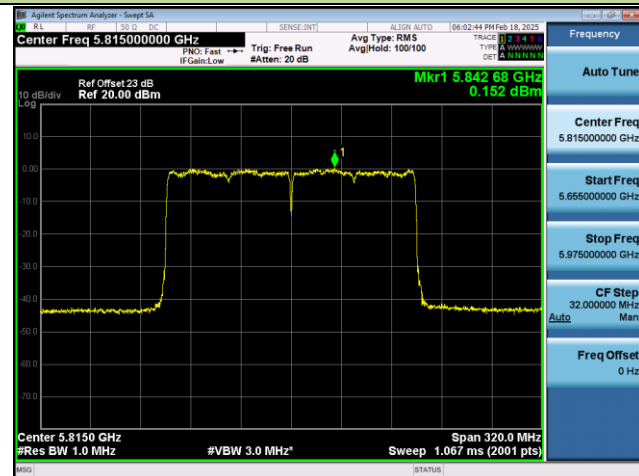
802.11 be-EHT80 Power Spectral Density - Ant 3

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:

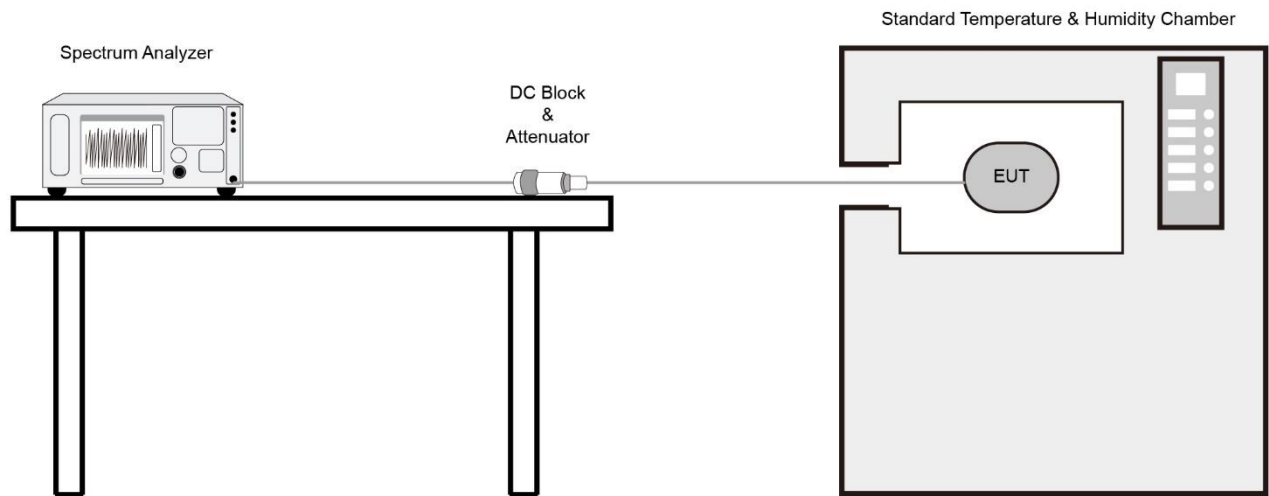
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 ($\pm 15\%$) 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

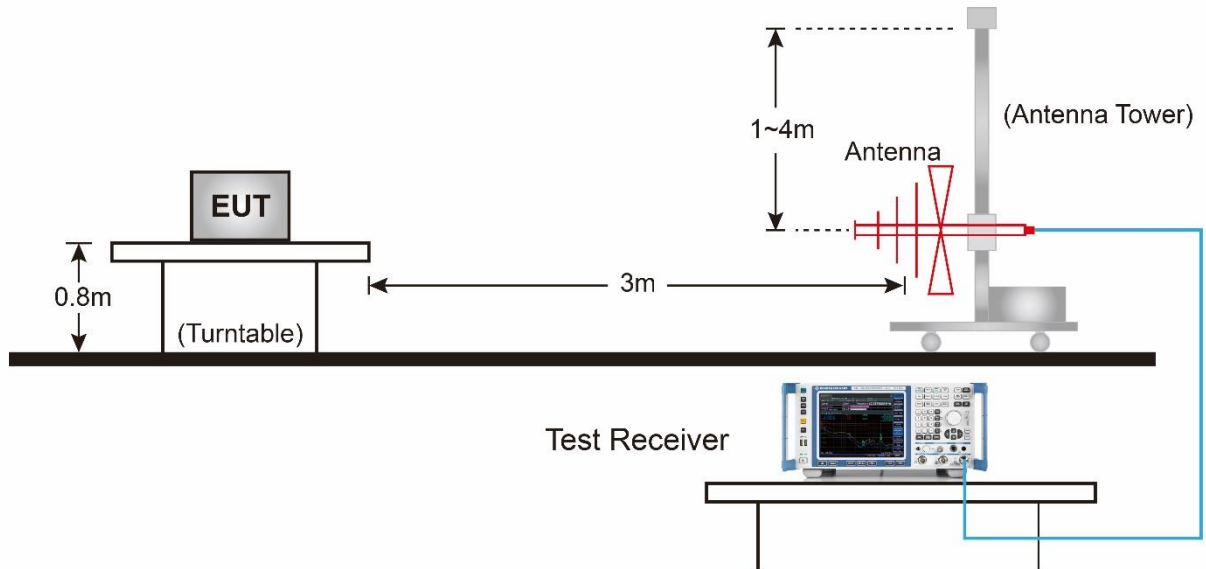
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

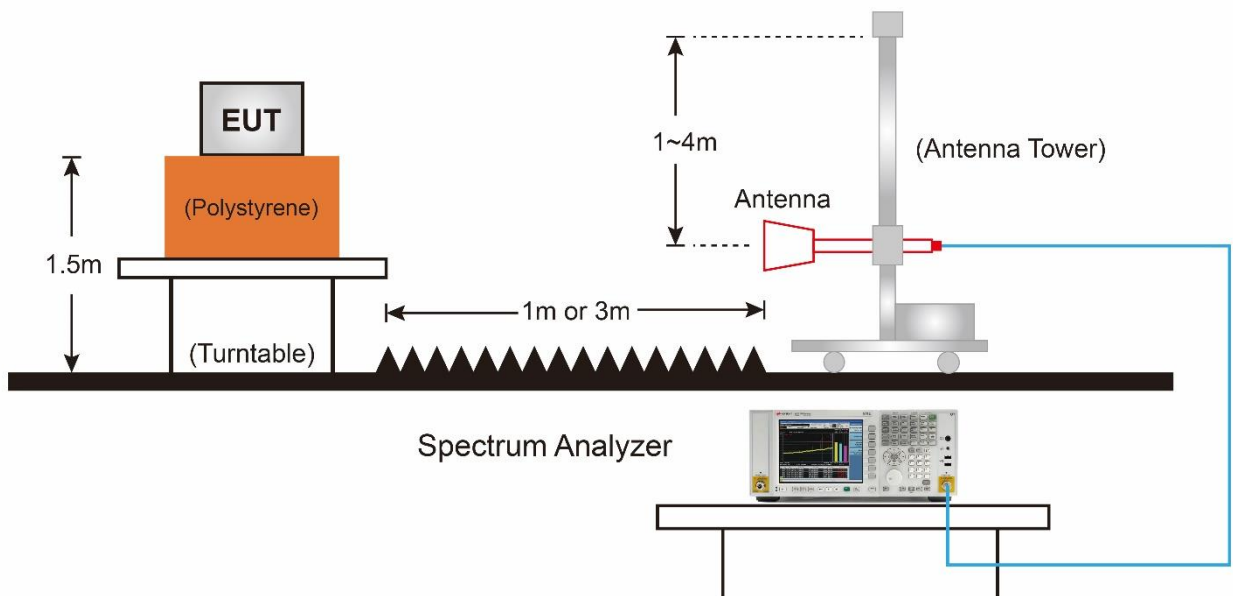
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. 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:

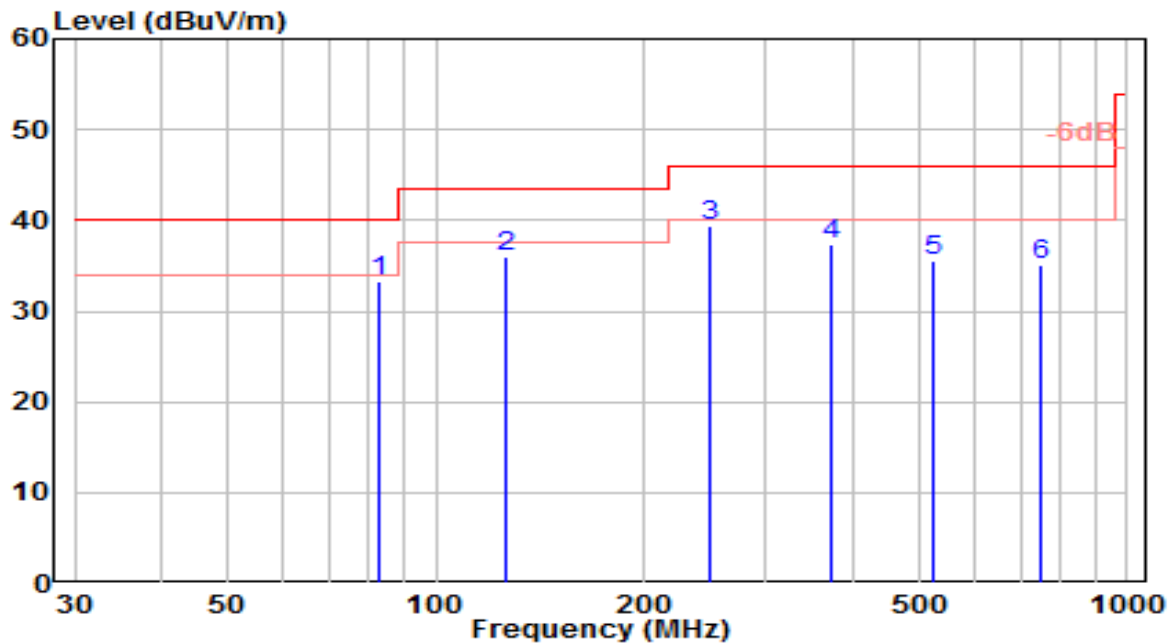


Above 1GHz Test Setup:



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

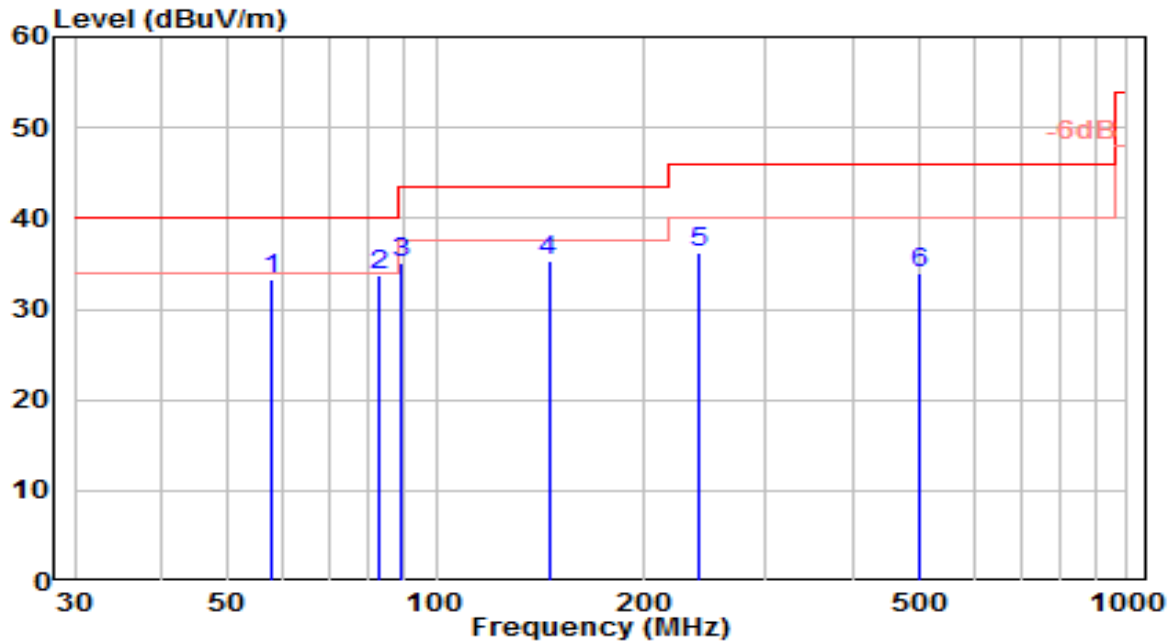


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	82.854	18.36	14.97	33.33	-6.67	40.00	150	340	QP
2	126.306	19.47	16.42	35.89	-7.61	43.50	150	45	QP
3	* 248.933	19.03	20.37	39.41	-6.59	46.00	150	225	QP
4	373.825	14.06	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

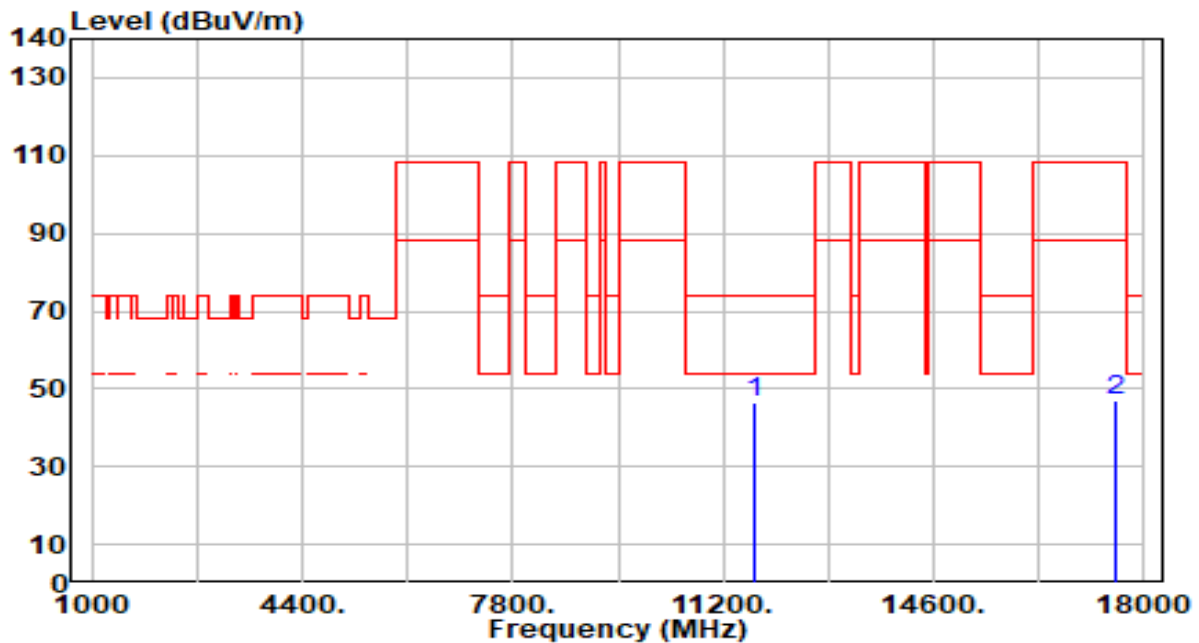


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		57.875	13.09	20.19	33.28	-6.72	40.00	100	55	QP
2	*	83.046	18.74	15.03	33.77	-6.23	40.00	100	50	QP
3		88.688	18.31	16.75	35.06	-8.44	43.50	150	5	QP
4		145.496	19.92	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

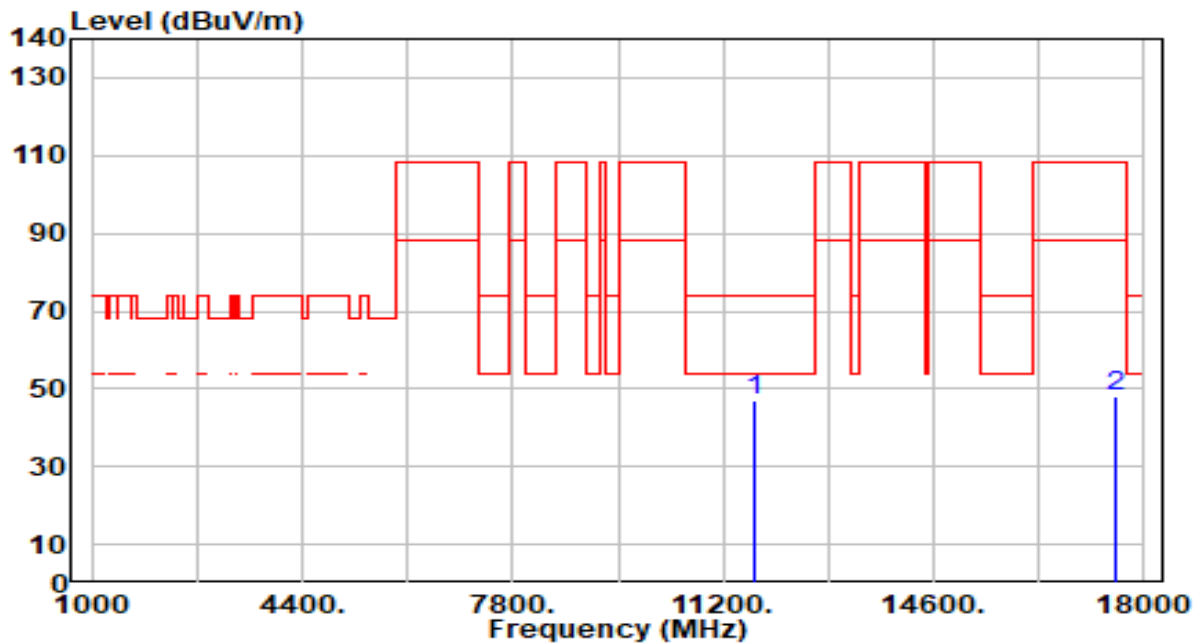


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	40.90	5.37	46.27	-27.73	74.00	100	140	Peak
2		17535.000	41.86	5.16	47.02	-61.18	108.20	100	71	Peak

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

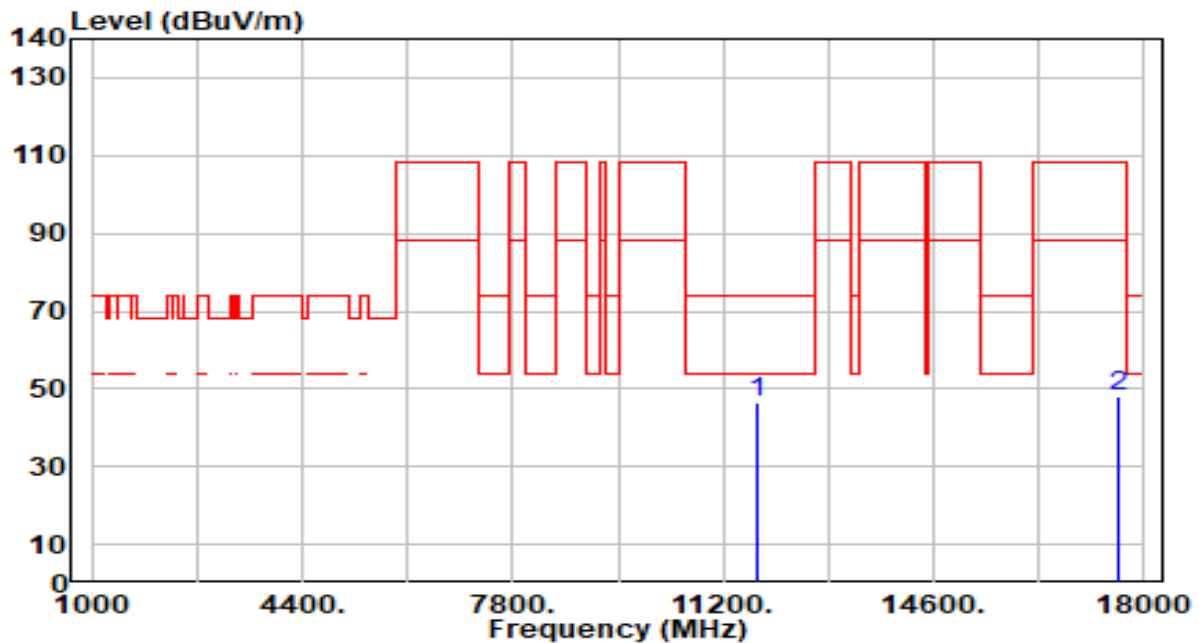


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	41.48	5.37	46.85	-27.15	74.00	100	153	Peak
2		17535.000	42.81	5.16	47.97	-60.23	108.20	100	197	Peak

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

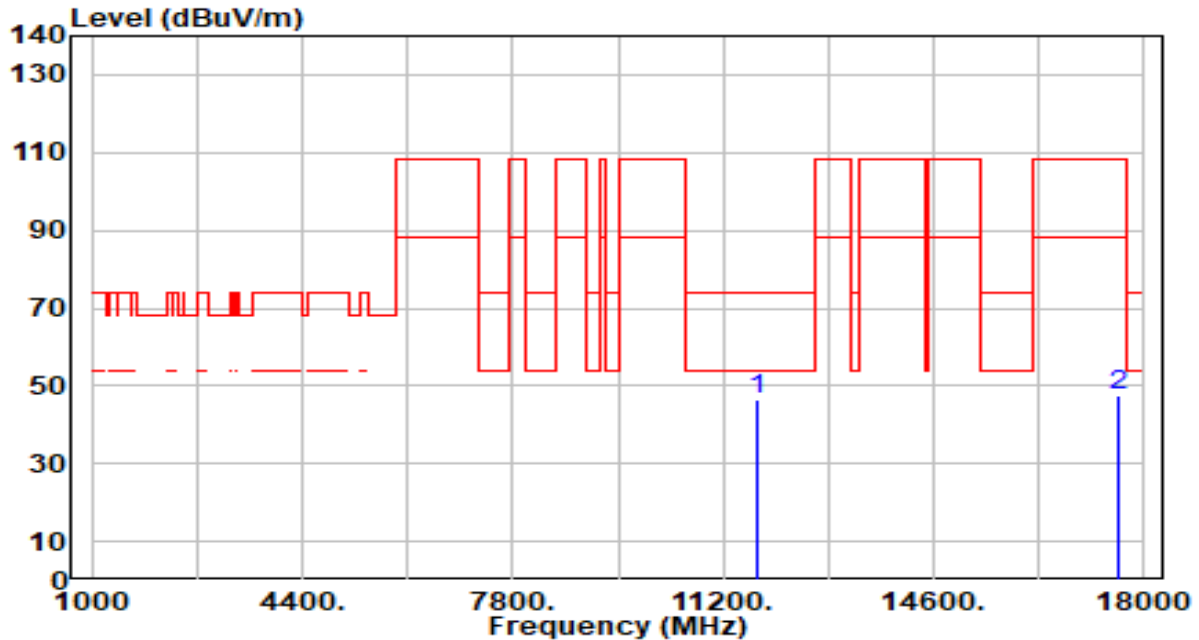


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	41.20	5.36	46.56	-27.44	74.00	100	42	Peak
2		17595.000	42.73	5.32	48.04	-60.16	108.20	100	65	Peak

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

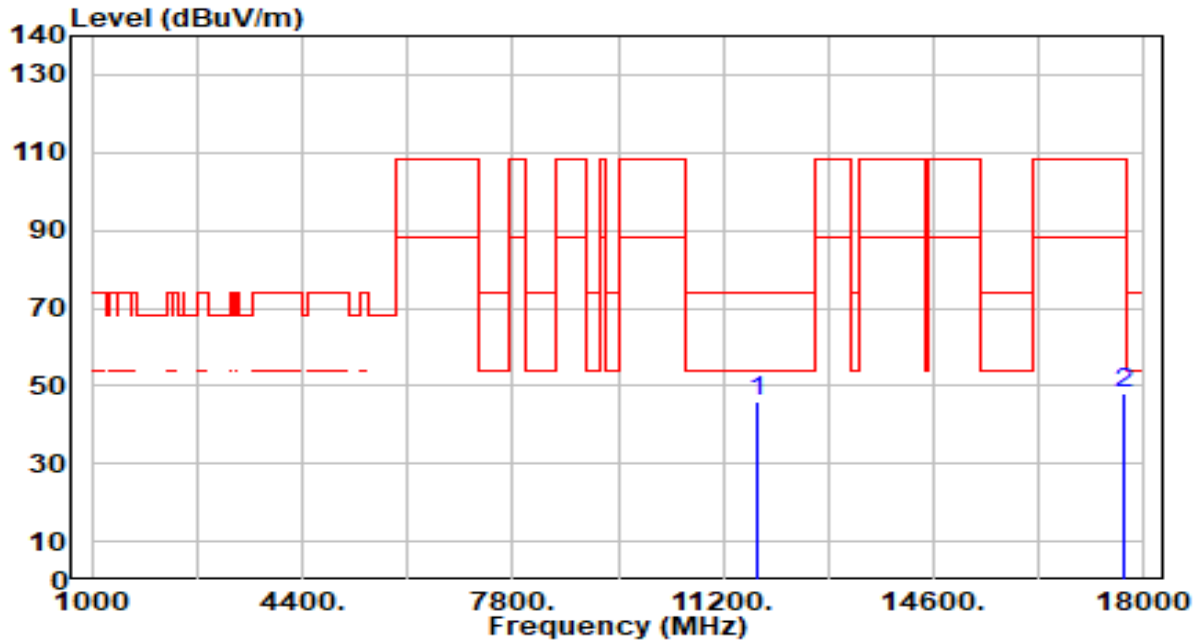


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	40.98	5.36	46.35	-27.65	74.00	100	28	Peak
2		17595.000	42.37	5.32	47.69	-60.51	108.20	100	360	Peak

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

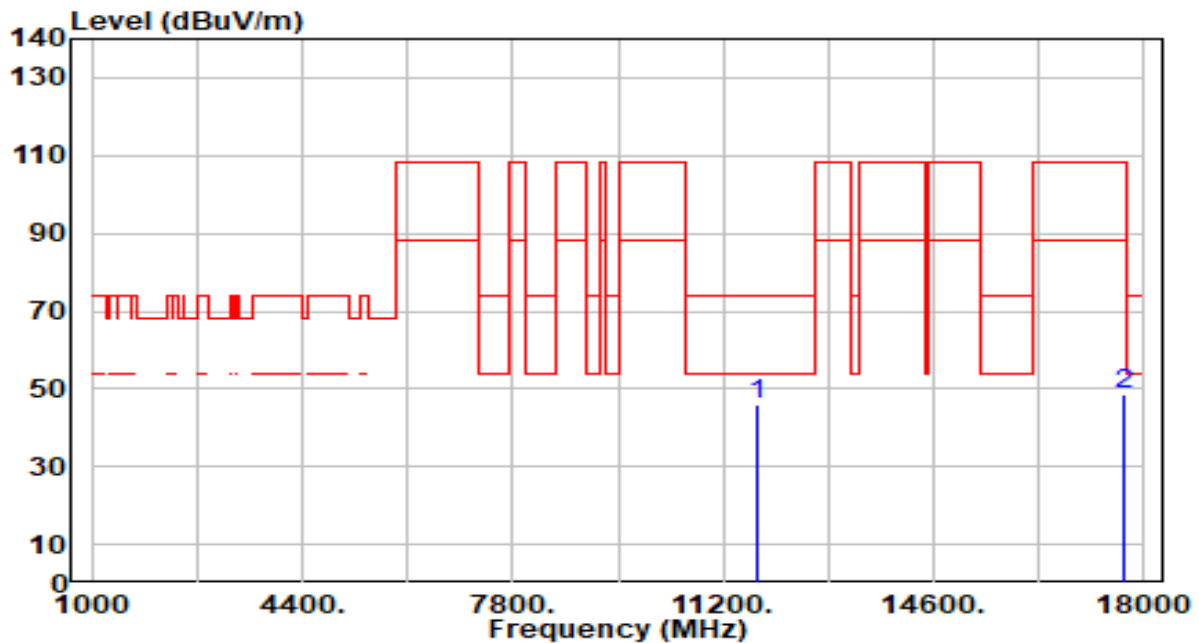


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	40.84	5.36	46.20	-27.80	74.00	100	0	Peak
2		17655.000	42.83	5.36	48.19	-60.01	108.20	100	274	Peak

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

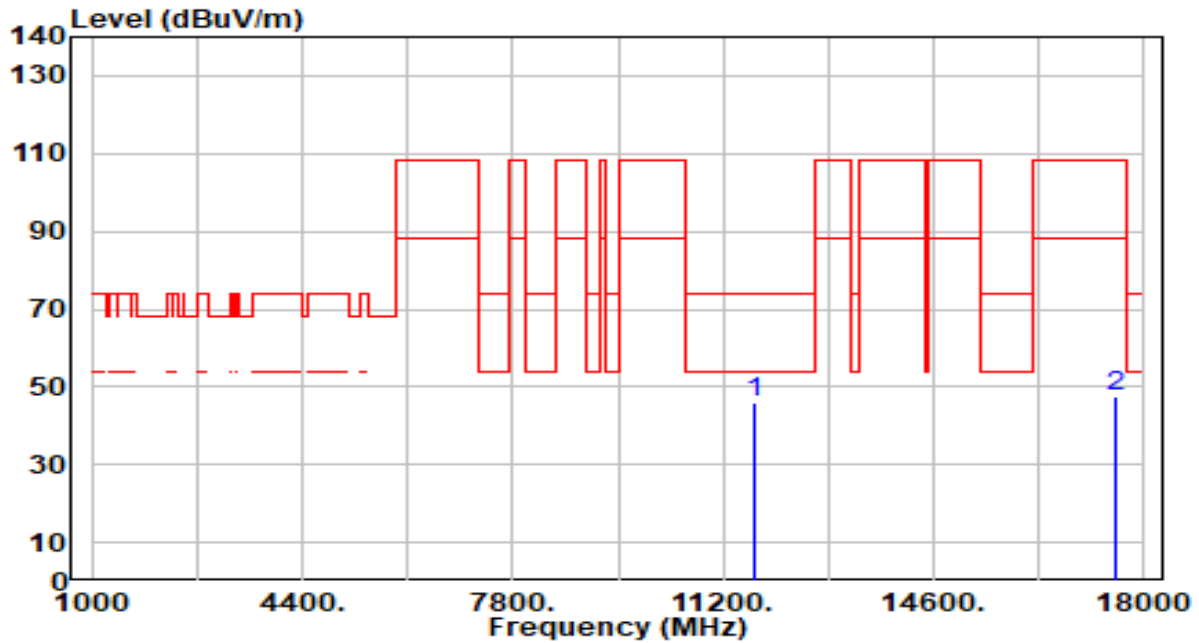


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	40.72	5.36	46.08	-27.92	74.00	100	137	Peak
2		17655.000	43.02	5.36	48.38	-59.82	108.20	100	324	Peak

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

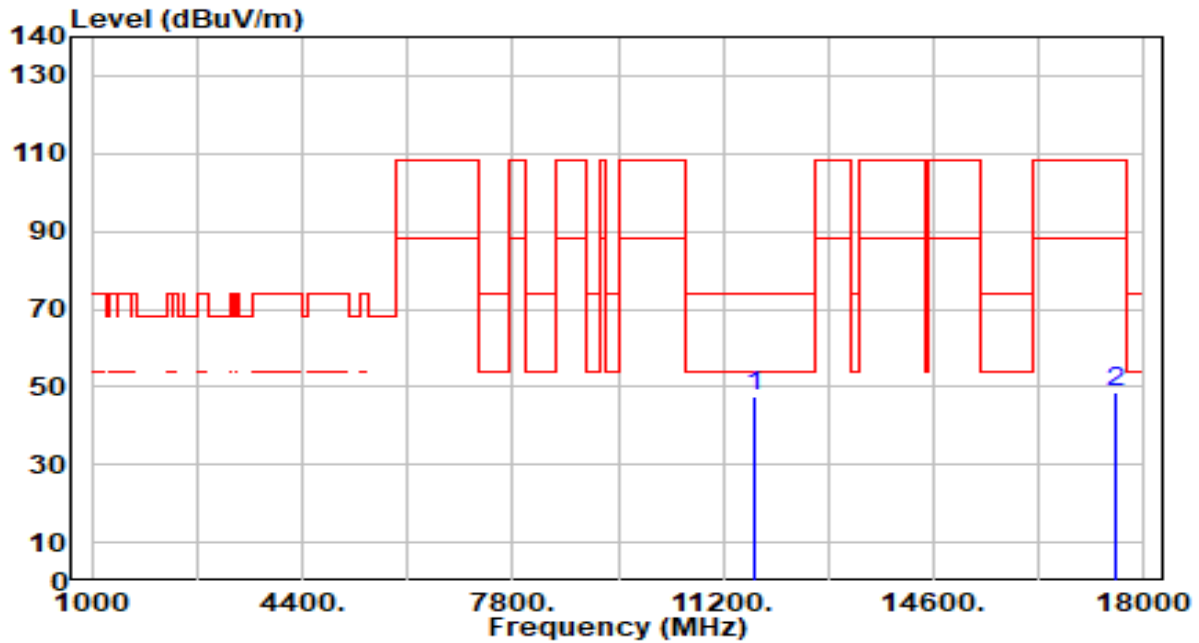


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	40.62	5.37	45.99	-28.01	74.00	100	360	Peak
2		17535.000	42.20	5.16	47.36	-60.84	108.20	100	19	Peak

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

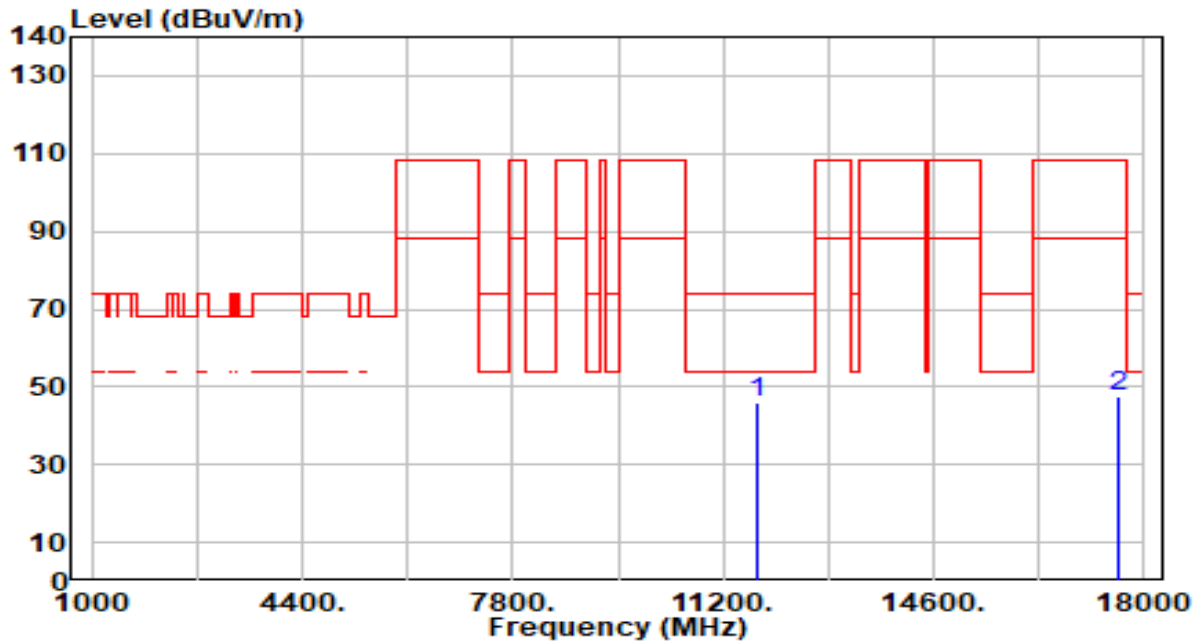


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	41.98	5.37	47.35	-26.65	74.00	100	141	Peak
2		17535.000	43.42	5.16	48.58	-59.62	108.20	100	250	Peak

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

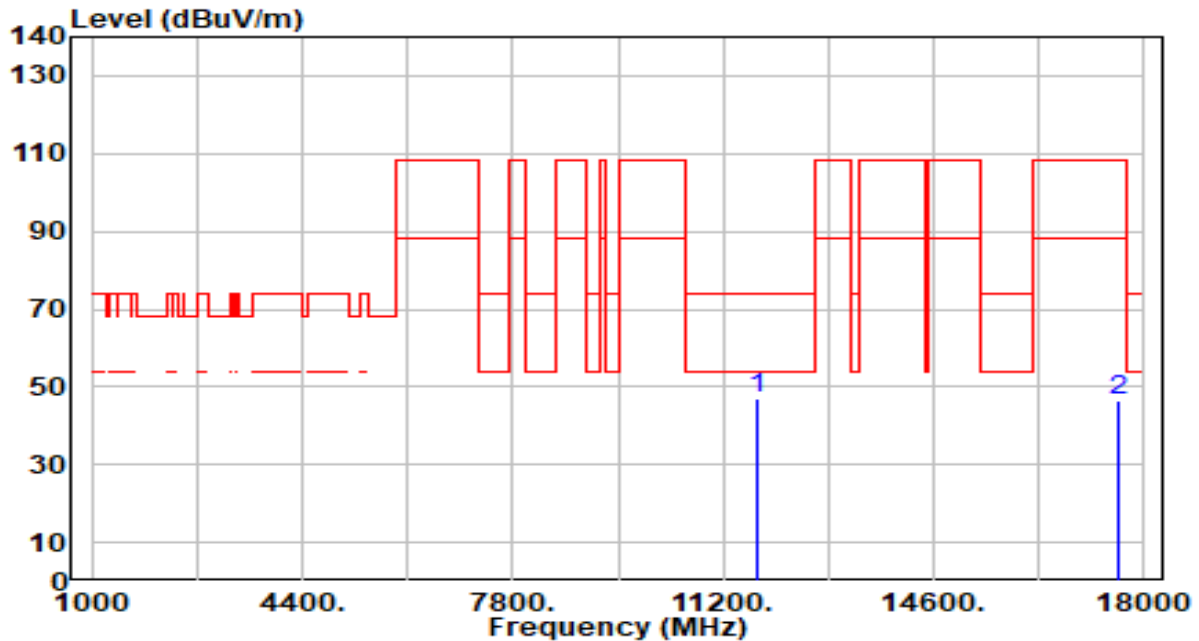


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	40.43	5.36	45.79	-28.21	74.00	100	1	Peak
2		17595.000	42.21	5.32	47.52	-60.68	108.20	100	22	Peak

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

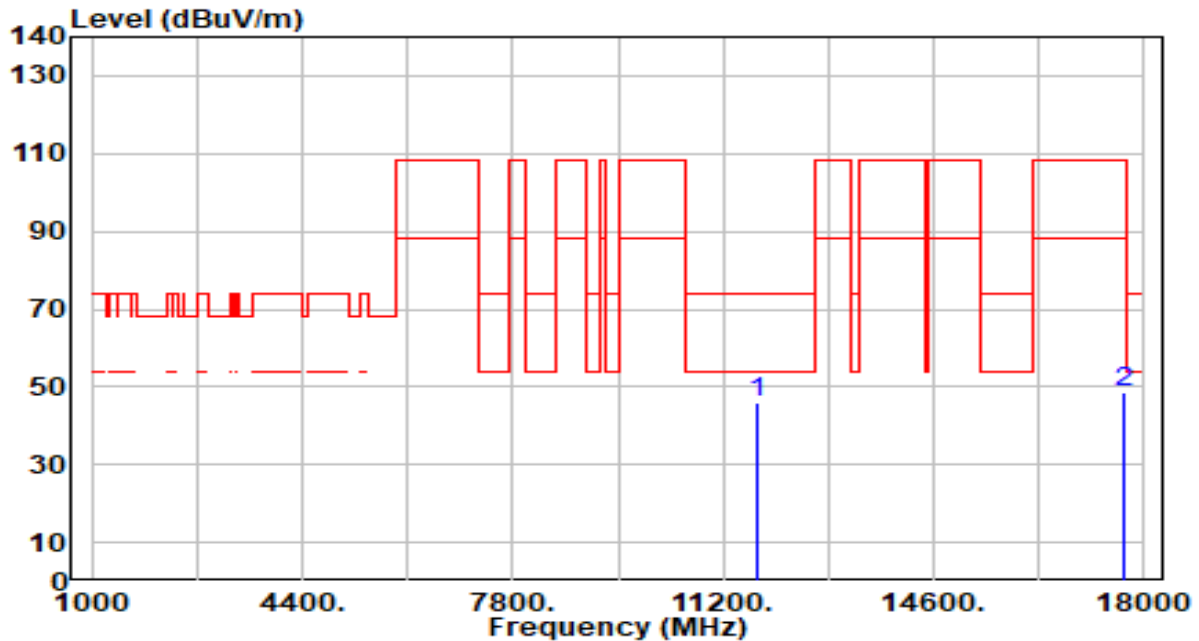


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	41.88	5.36	47.24	-26.76	74.00	100	8	Peak
2		17595.000	41.33	5.32	46.64	-61.56	108.20	100	0	Peak

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

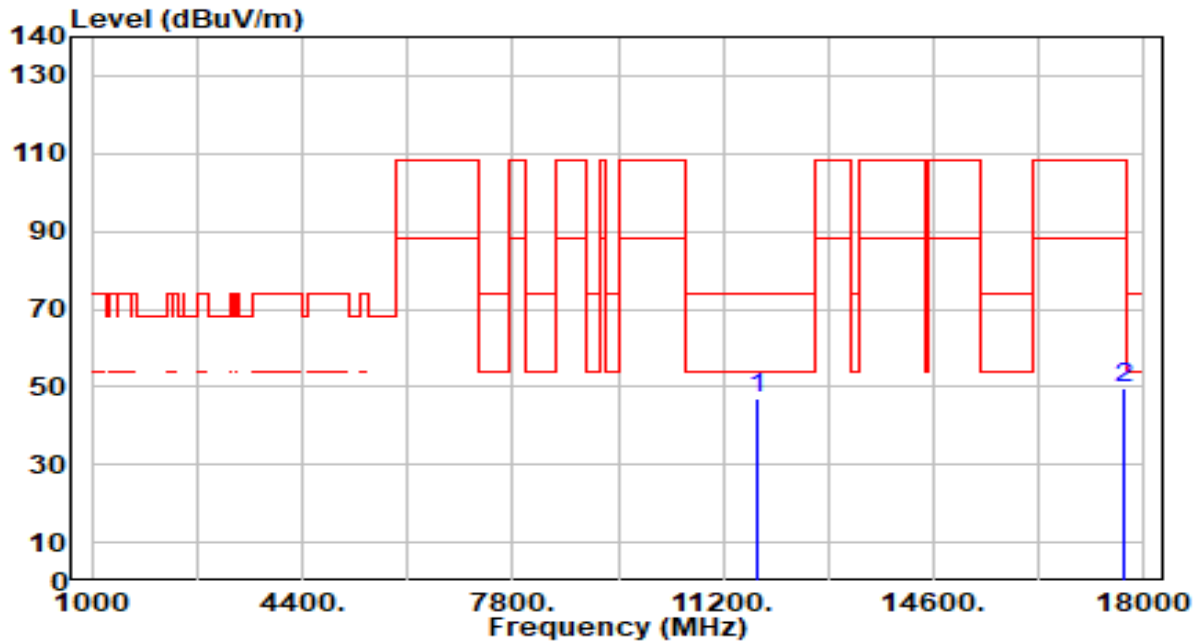


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	40.69	5.36	46.05	-27.95	74.00	100	122	Peak
2		17655.000	43.19	5.36	48.56	-59.64	108.20	100	360	Peak

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

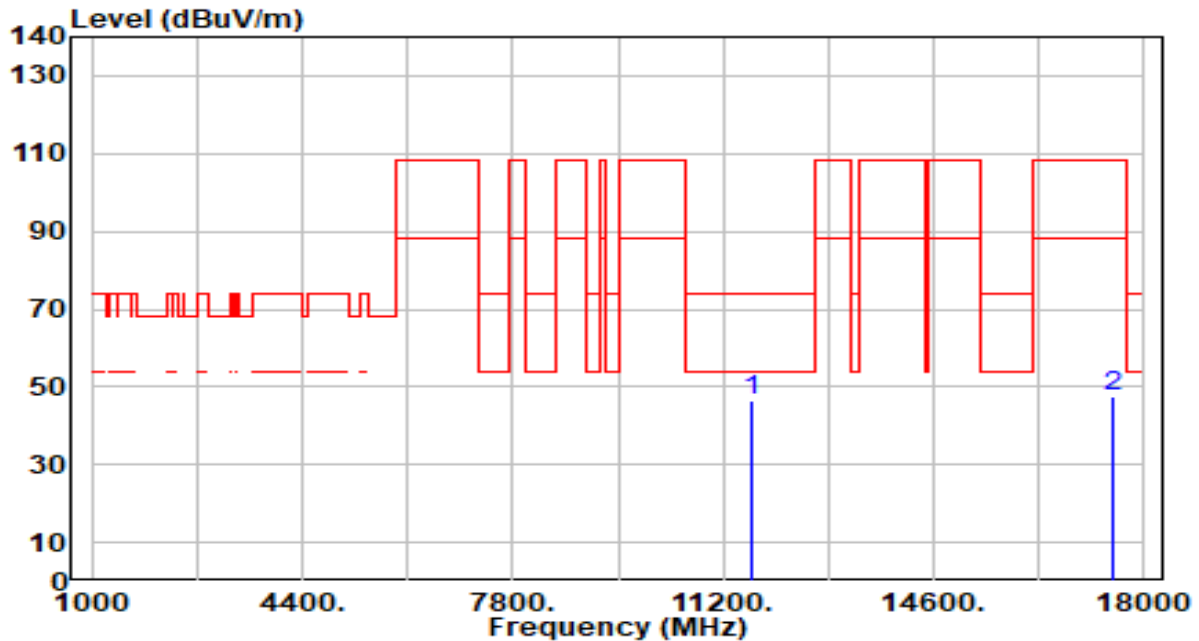


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	41.64	5.36	47.00	-27.00	74.00	100	66	Peak
2		17655.000	44.07	5.36	49.44	-58.76	108.20	100	356	Peak

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

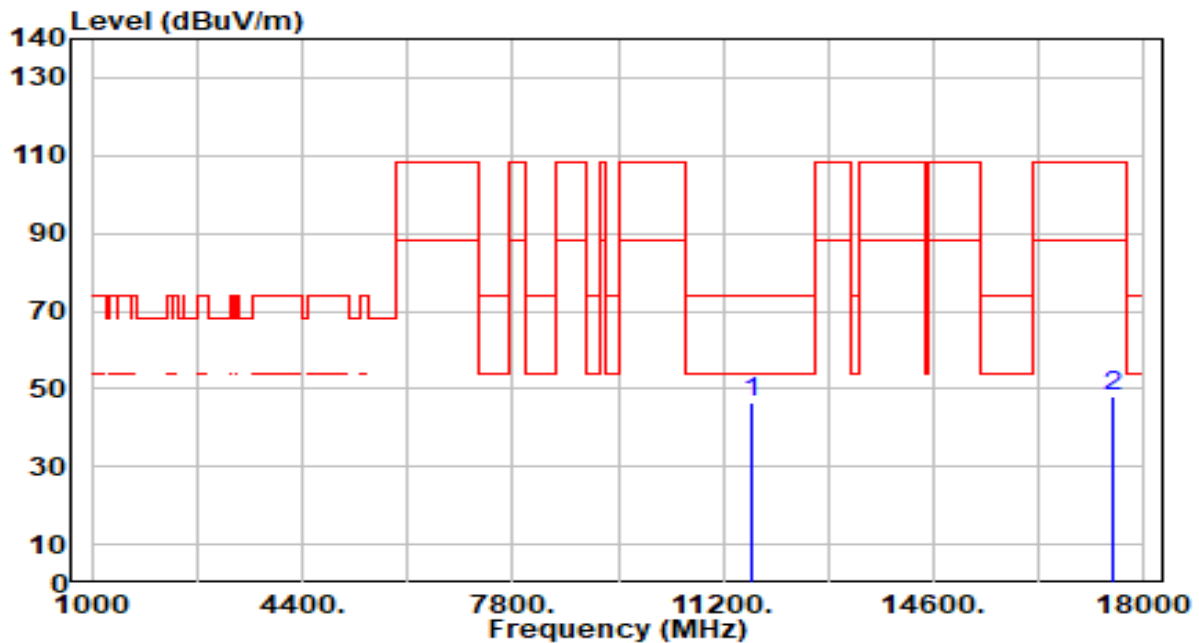


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	41.34	5.37	46.71	-27.29	74.00	300	223	Peak
2		17505.000	42.31	5.08	47.39	-60.81	108.20	100	57	Peak

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

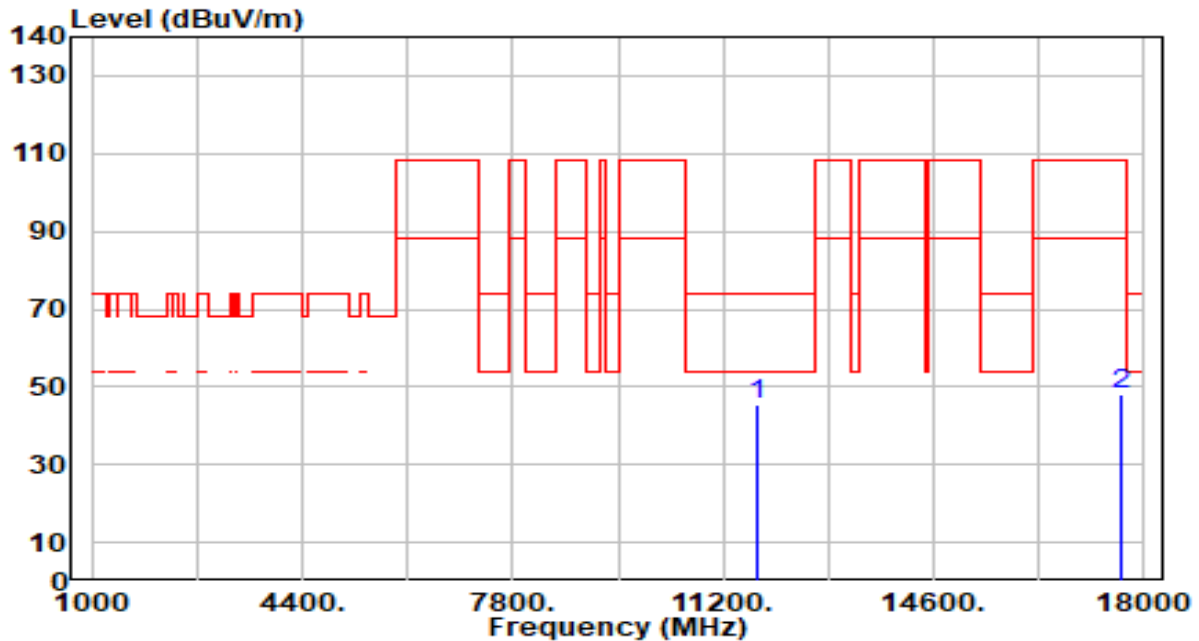


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	41.27	5.37	46.64	-27.36	74.00	300	151	Peak
2		17505.000	42.75	5.08	47.83	-60.37	108.20	121	360	Peak

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

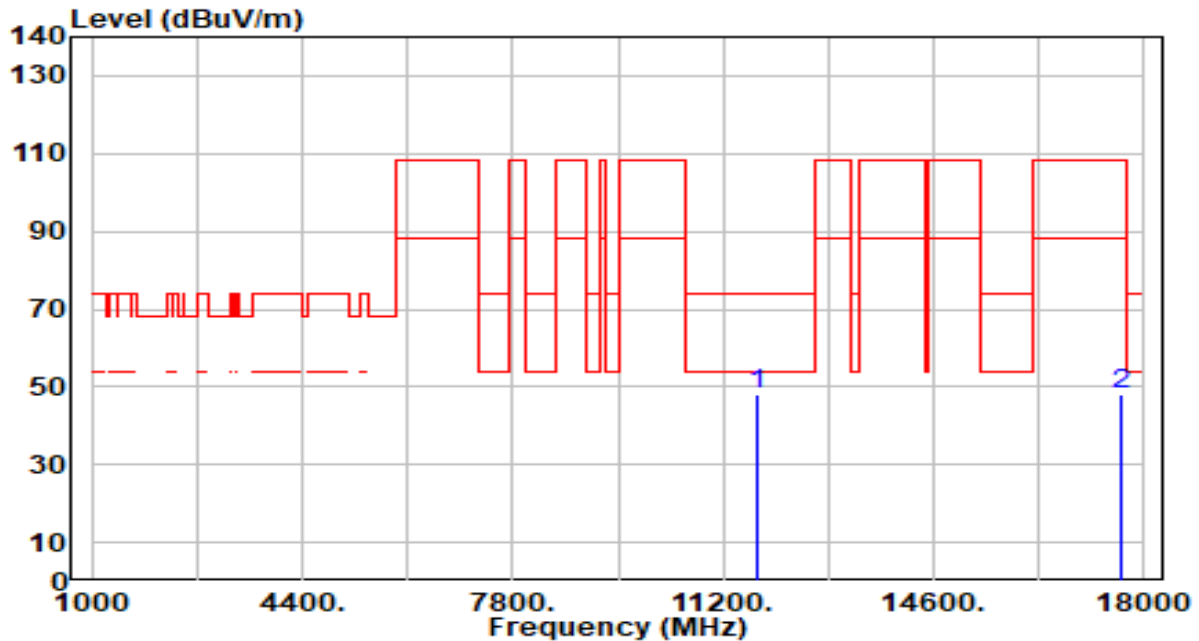


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	40.17	5.36	45.53	-28.47	74.00	100	40	Peak
2		17625.000	42.47	5.34	47.82	-60.38	108.20	100	189	Peak

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

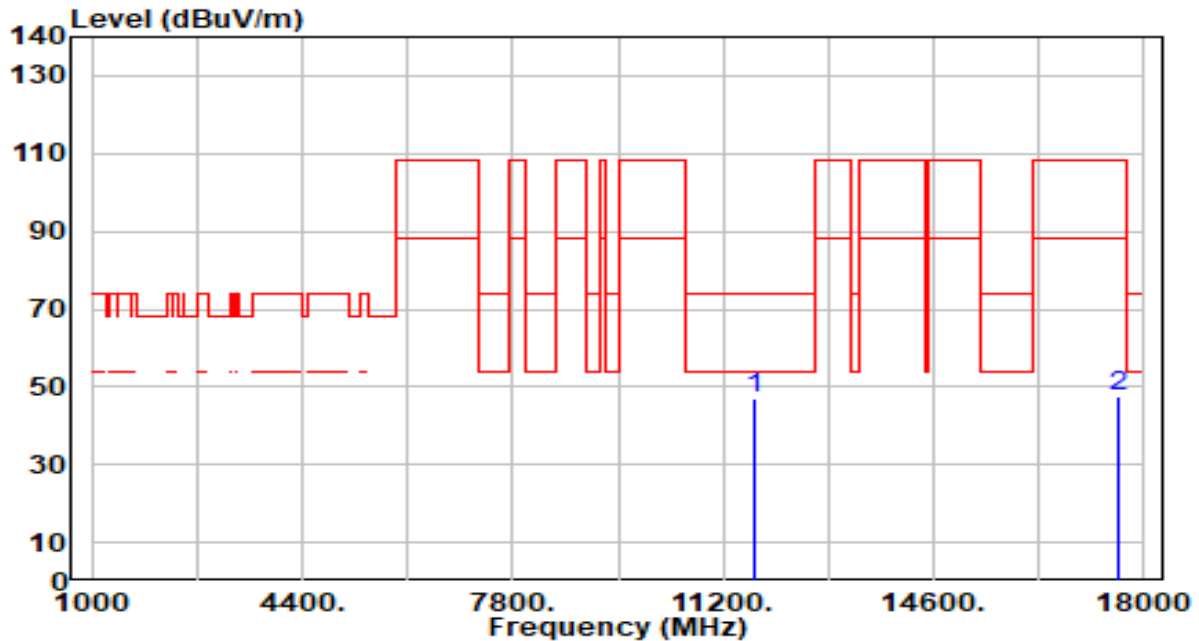


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	42.58	5.36	47.94	-26.06	74.00	100	356	Peak
2		17625.000	42.91	5.34	48.25	-59.95	108.20	100	22	Peak

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

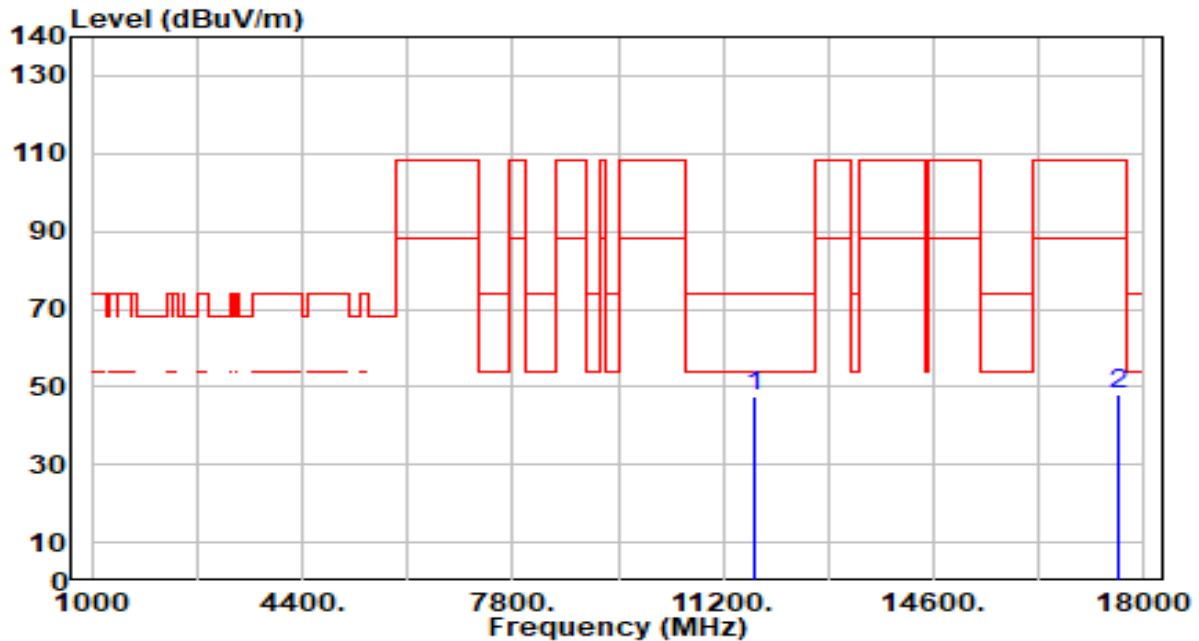


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	41.86	5.37	47.22	-26.78	74.00	100	86	Peak
2		17565.000	42.40	5.24	47.64	-60.56	108.20	100	342	Peak

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

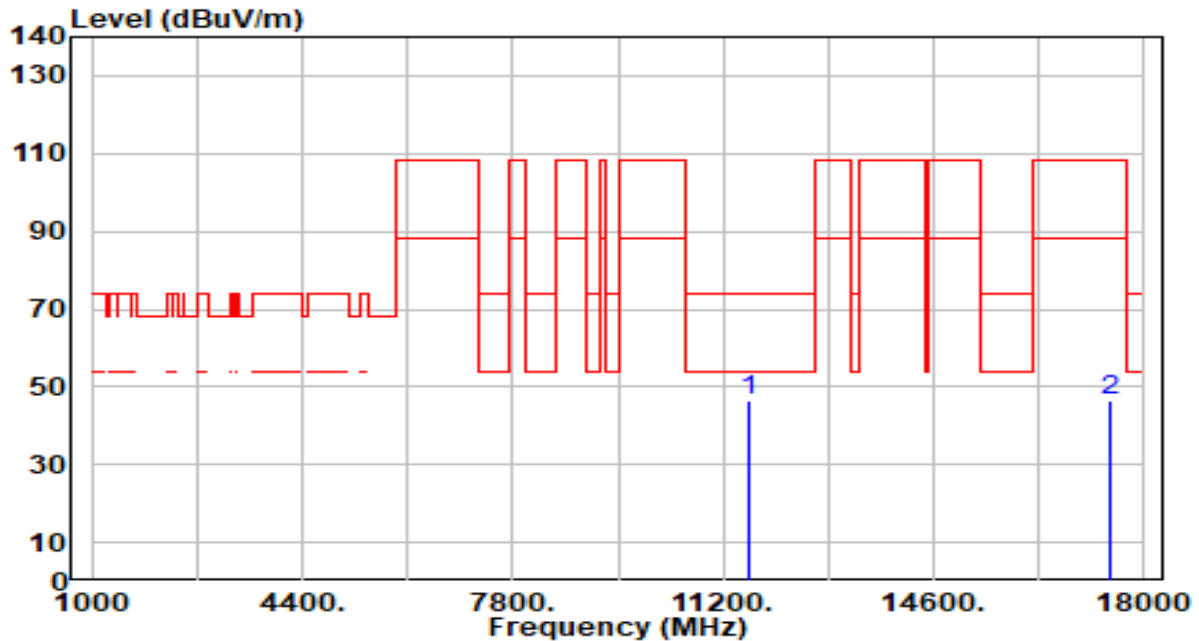


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	41.92	5.37	47.29	-26.71	74.00	100	100	Peak
2		17565.000	42.70	5.24	47.94	-60.26	108.20	100	241	Peak

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

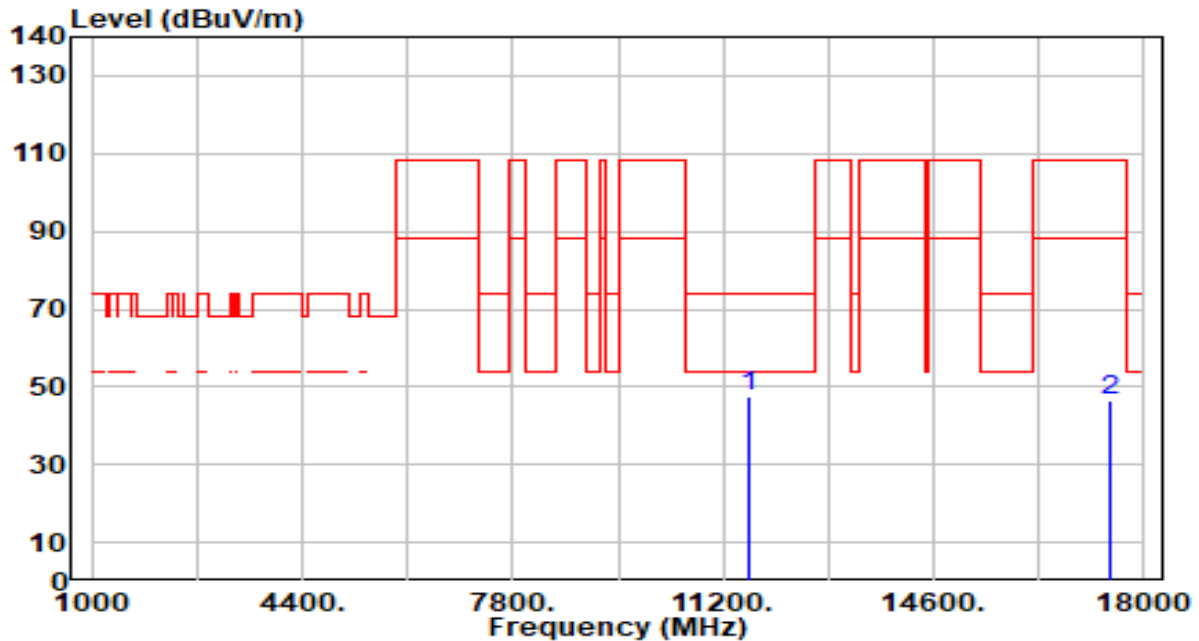


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	41.33	5.37	46.70	-27.30	74.00	168	360	Peak
2		17445.000	41.46	4.97	46.43	-61.77	108.20	100	0	Peak

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

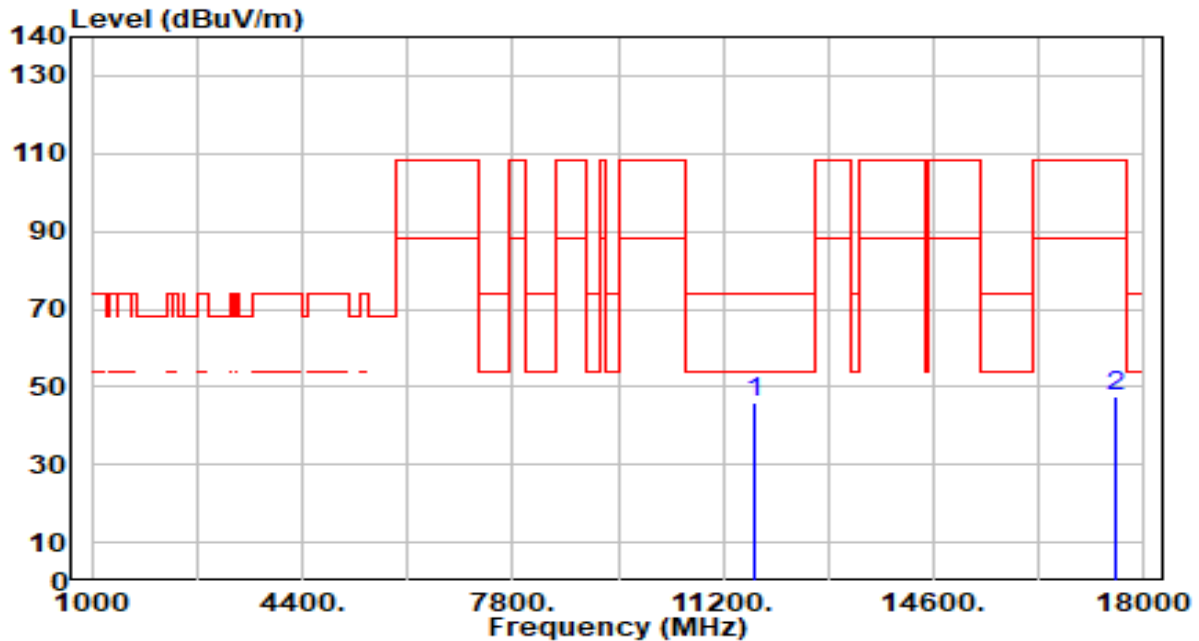


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	42.02	5.37	47.39	-26.61	74.00	100	37	Peak
2		17445.000	41.64	4.97	46.61	-61.59	108.20	100	292	Peak

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

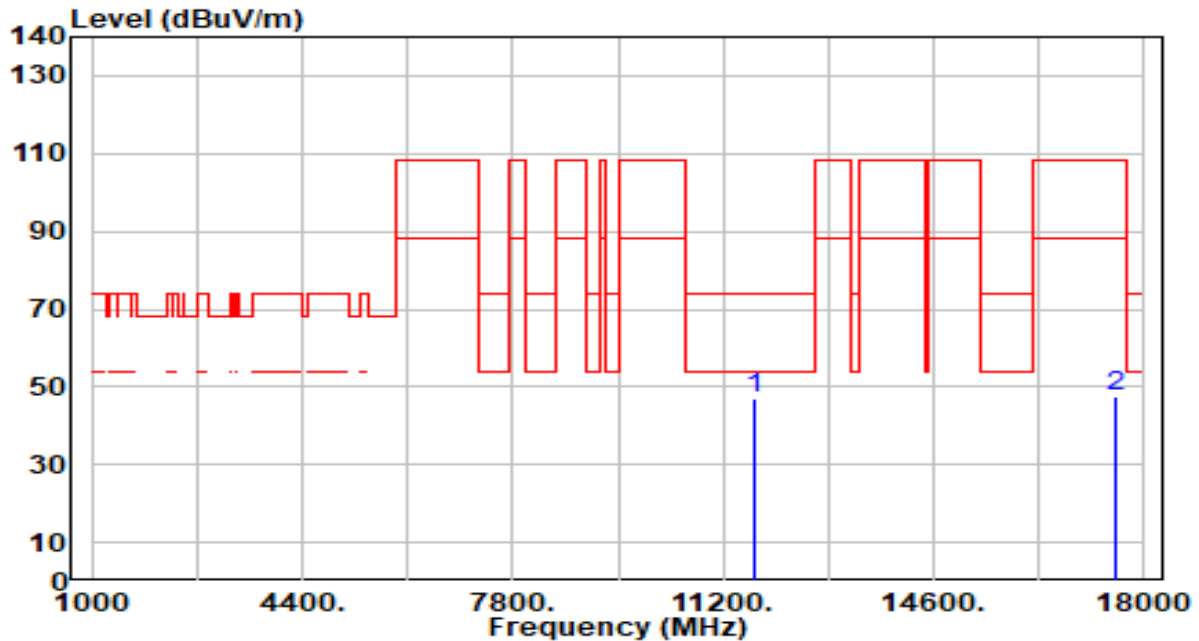


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	40.59	5.37	45.96	-28.04	74.00	100	280	Peak
2		17535.000	42.50	5.16	47.66	-60.54	108.20	100	26	Peak

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

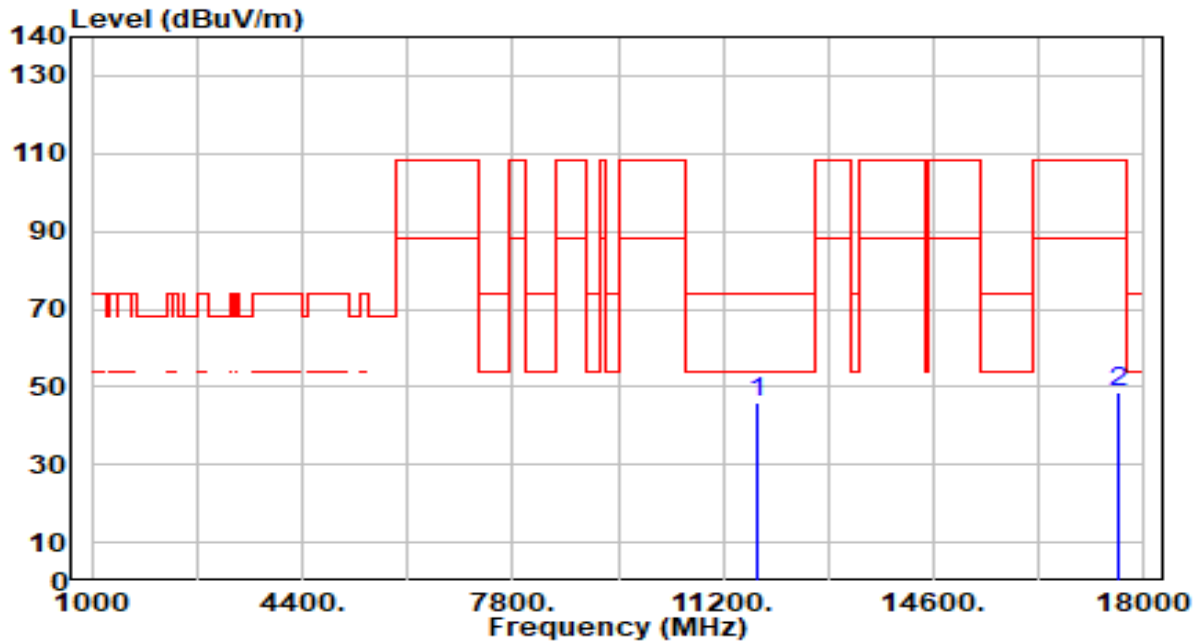


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	41.58	5.37	46.95	-27.05	74.00	100	103	Peak
2		17535.000	42.39	5.16	47.55	-60.65	108.20	100	131	Peak

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

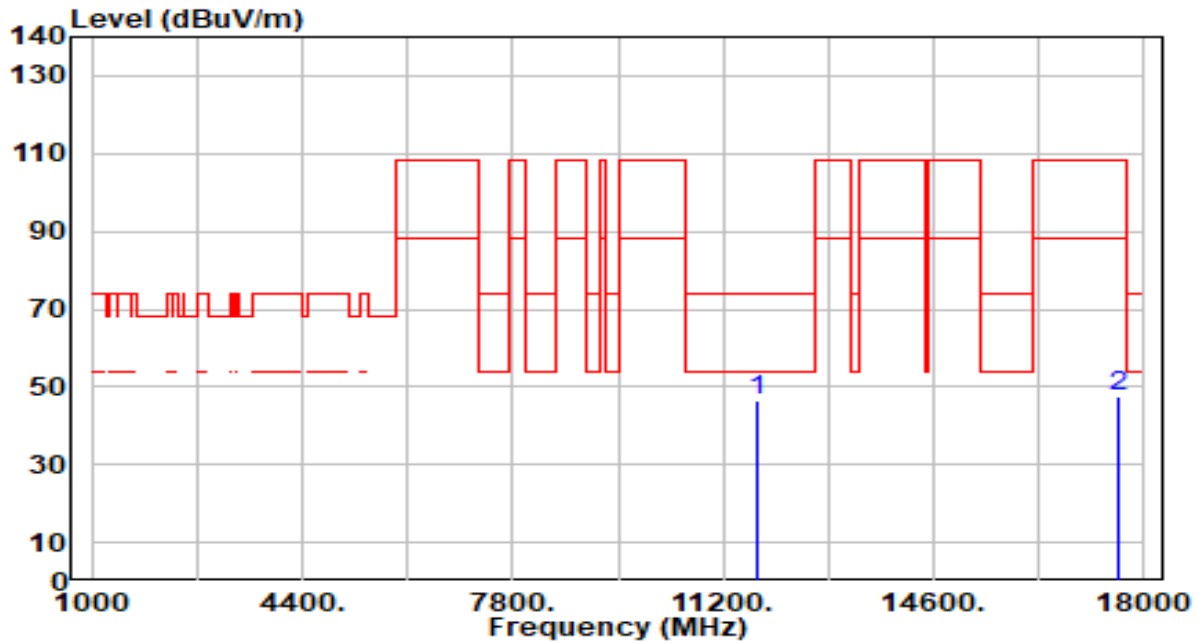


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	40.45	5.36	45.81	-28.19	74.00	100	346	Peak
2		17595.000	43.21	5.32	48.53	-59.67	108.20	100	59	Peak

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

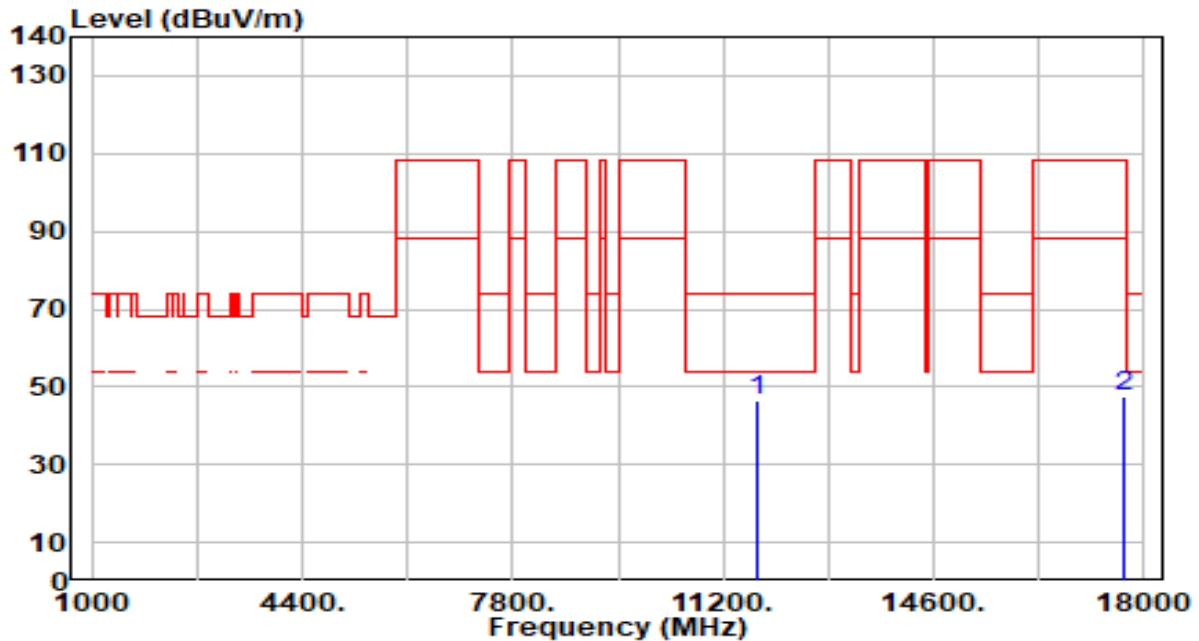


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	41.02	5.36	46.38	-27.62	74.00	100	176	Peak
2		17595.000	42.17	5.32	47.48	-60.72	108.20	100	84	Peak

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

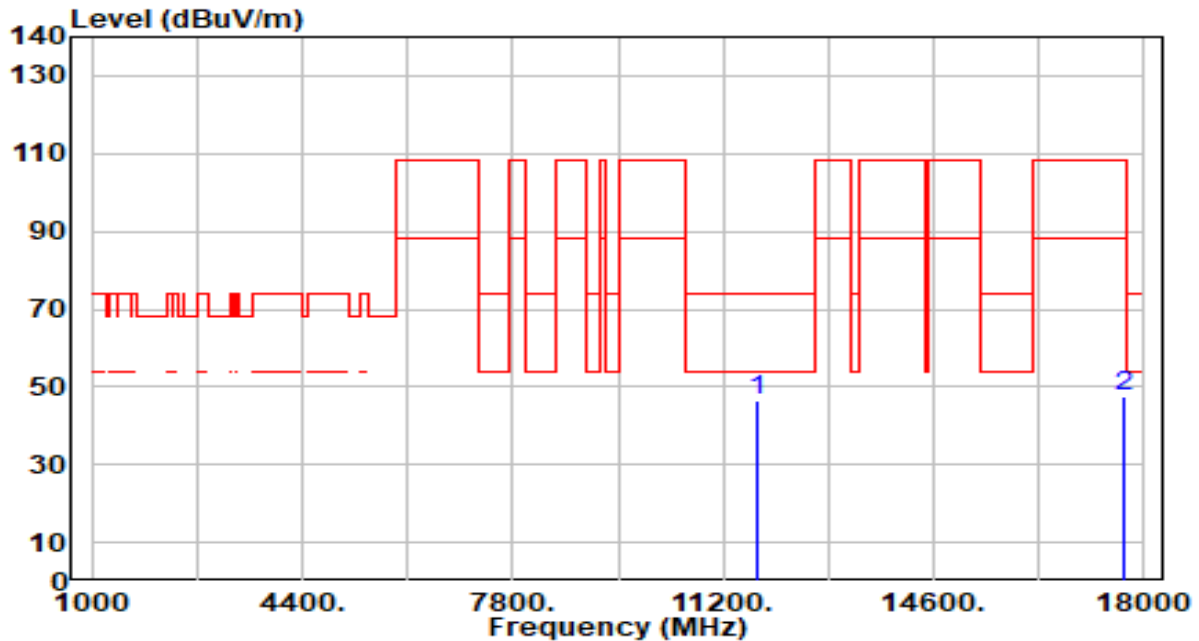


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	41.35	5.36	46.71	-27.29	74.00	100	0	Peak
2		17655.000	42.43	5.36	47.79	-60.41	108.20	100	168	Peak

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

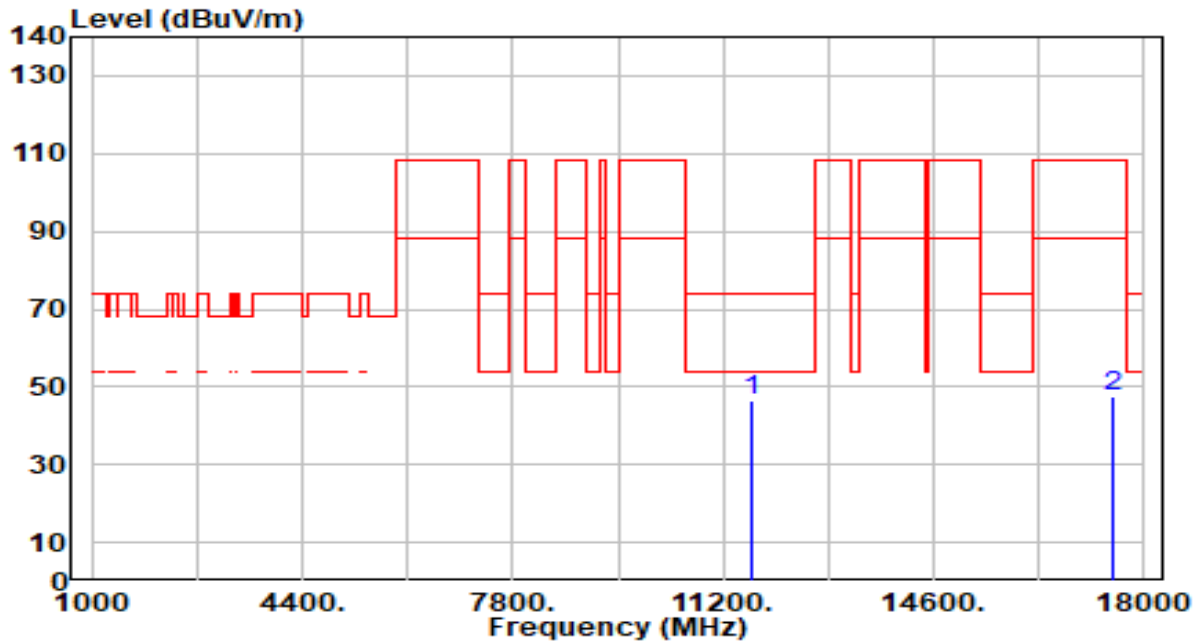


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	40.91	5.36	46.27	-27.73	74.00	100	280	Peak
2		17655.000	42.34	5.36	47.71	-60.49	108.20	100	191	Peak

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

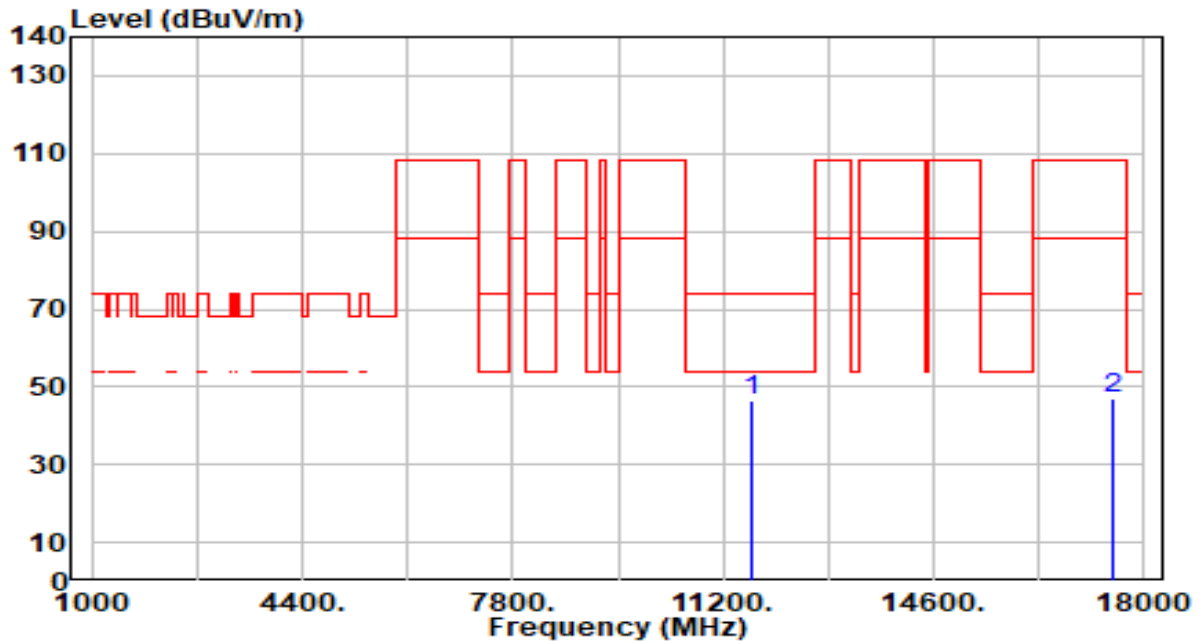


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	41.31	5.37	46.68	-27.32	74.00	100	161	Peak
2		17505.000	42.52	5.08	47.60	-60.60	108.20	100	98	Peak

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

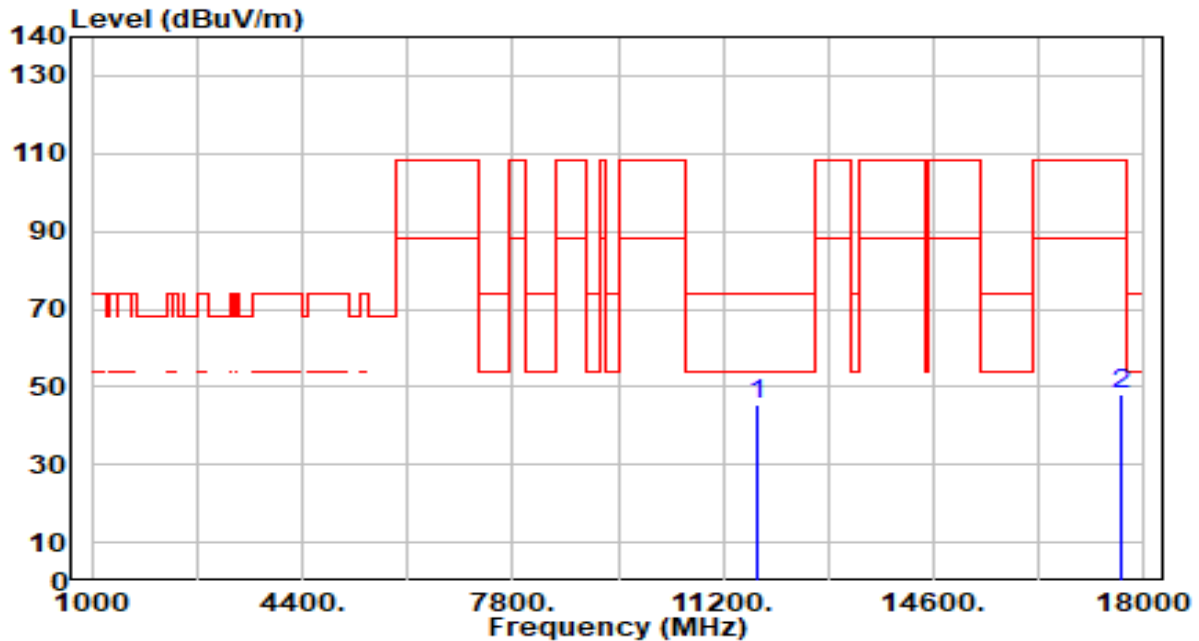


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	40.89	5.37	46.26	-27.74	74.00	100	0	Peak
2		17505.000	42.15	5.08	47.23	-60.97	108.20	100	163	Peak

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

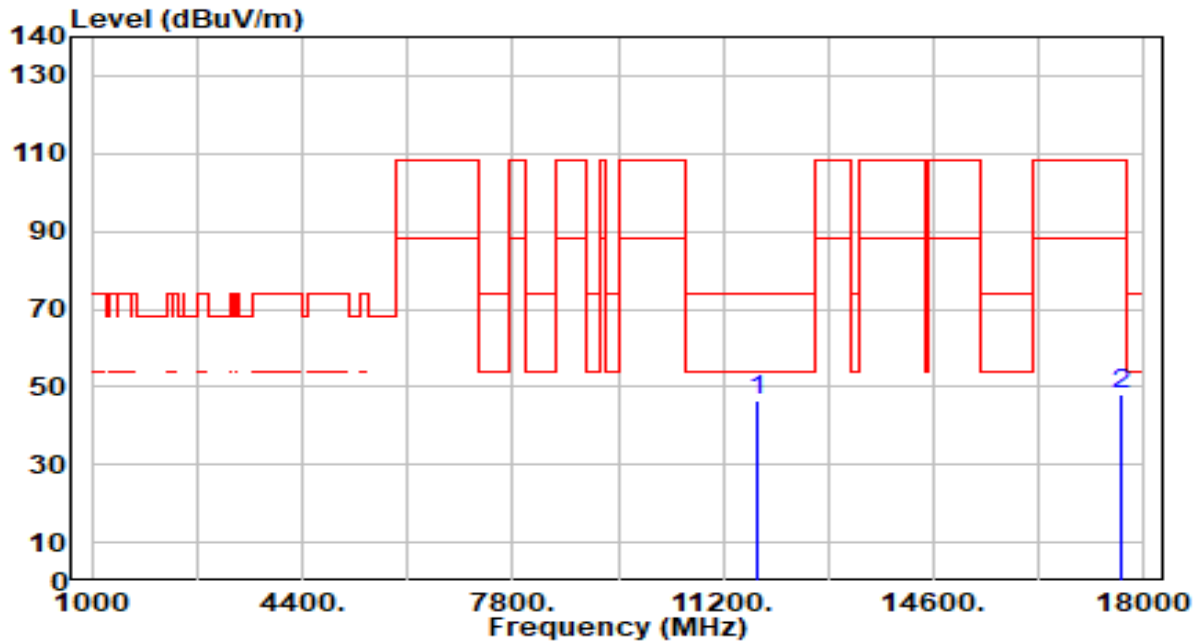


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	40.16	5.36	45.52	-28.48	74.00	100	219	Peak
2		17625.000	42.53	5.34	47.87	-60.33	108.20	100	90	Peak

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

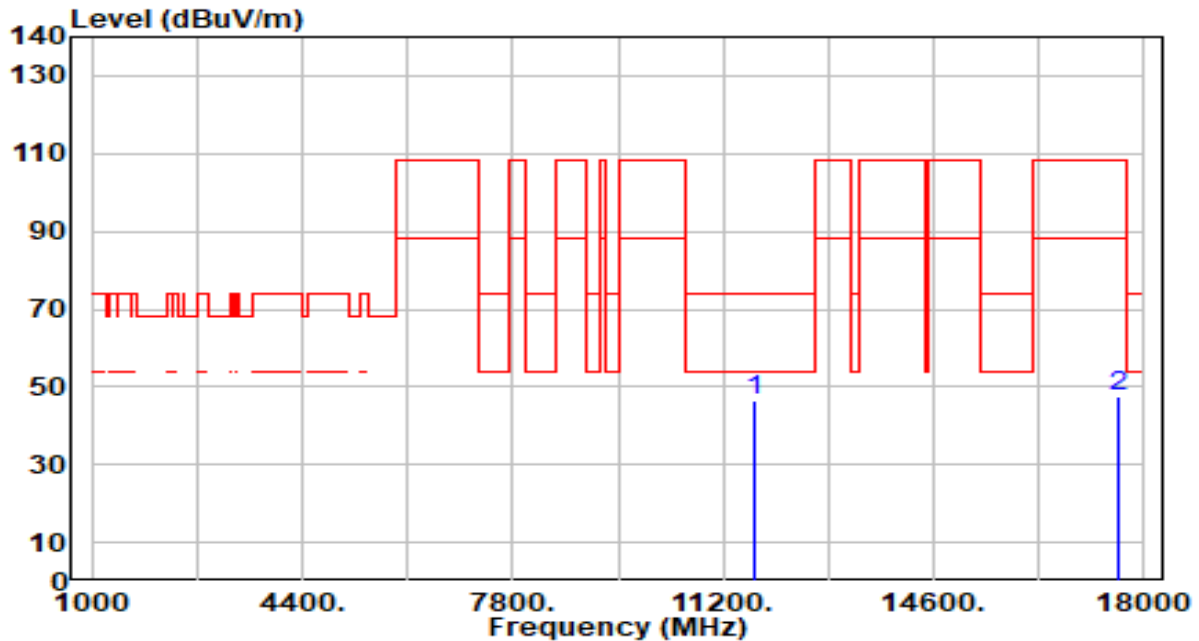


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	41.25	5.36	46.61	-27.39	74.00	100	0	Peak
2		17625.000	42.59	5.34	47.94	-60.26	108.20	100	359	Peak

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

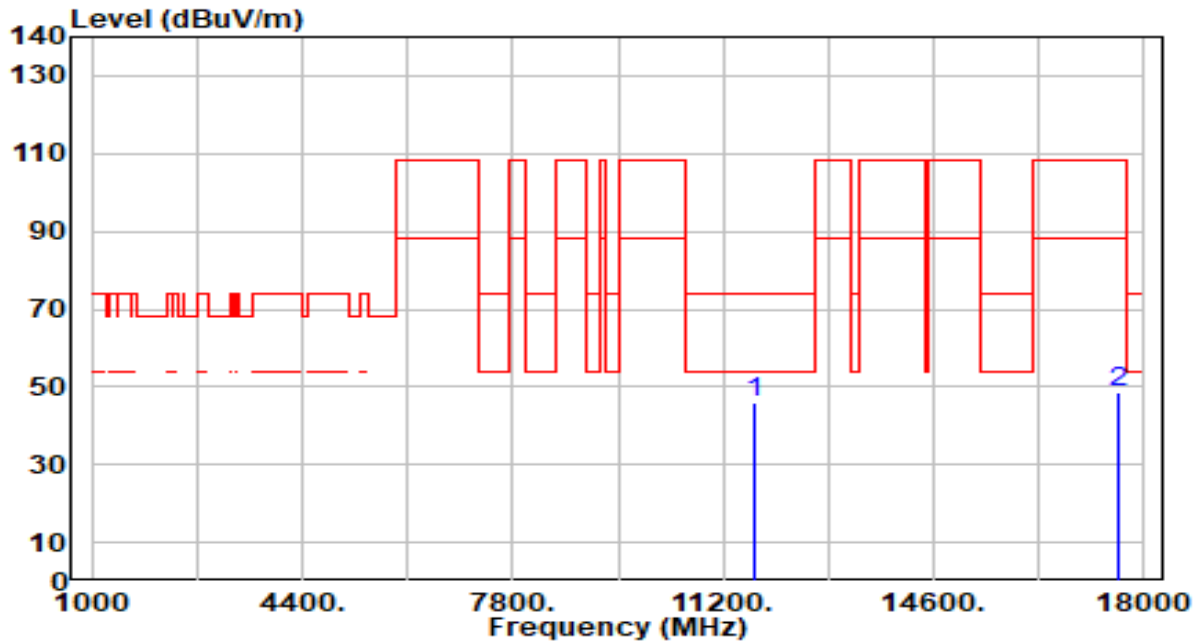


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	41.04	5.37	46.40	-27.60	74.00	100	320	Peak
2		17565.000	42.17	5.24	47.41	-60.79	108.20	100	209	Peak

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

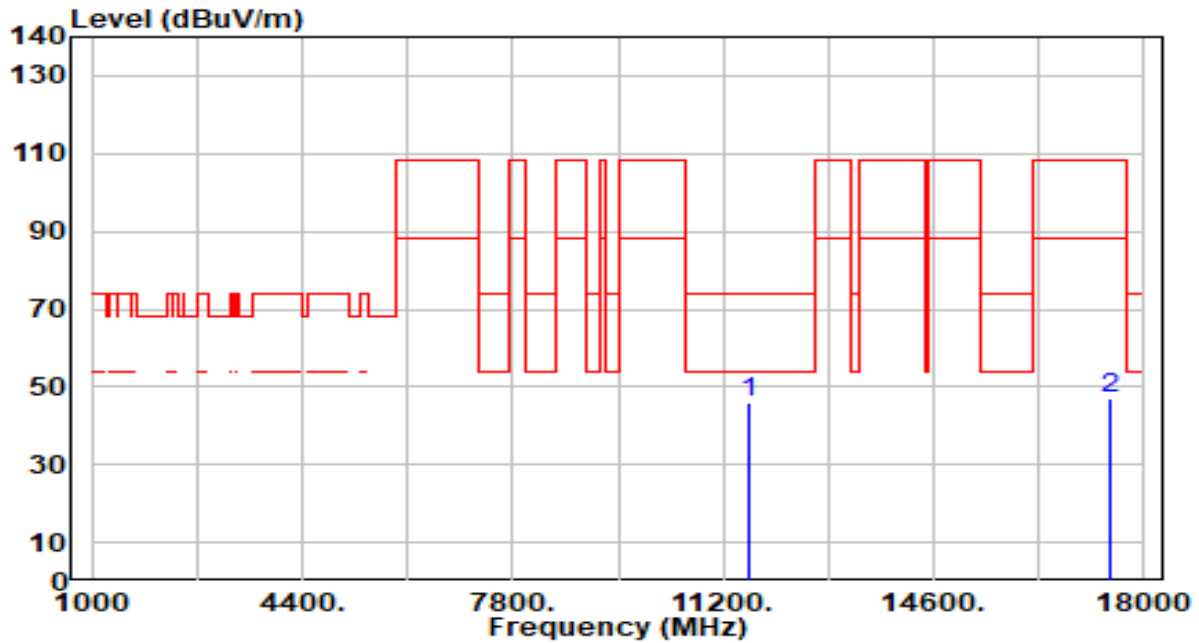


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	40.55	5.37	45.91	-28.09	74.00	100	360	Peak
2		17565.000	43.19	5.24	48.43	-59.77	108.20	100	286	Peak

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

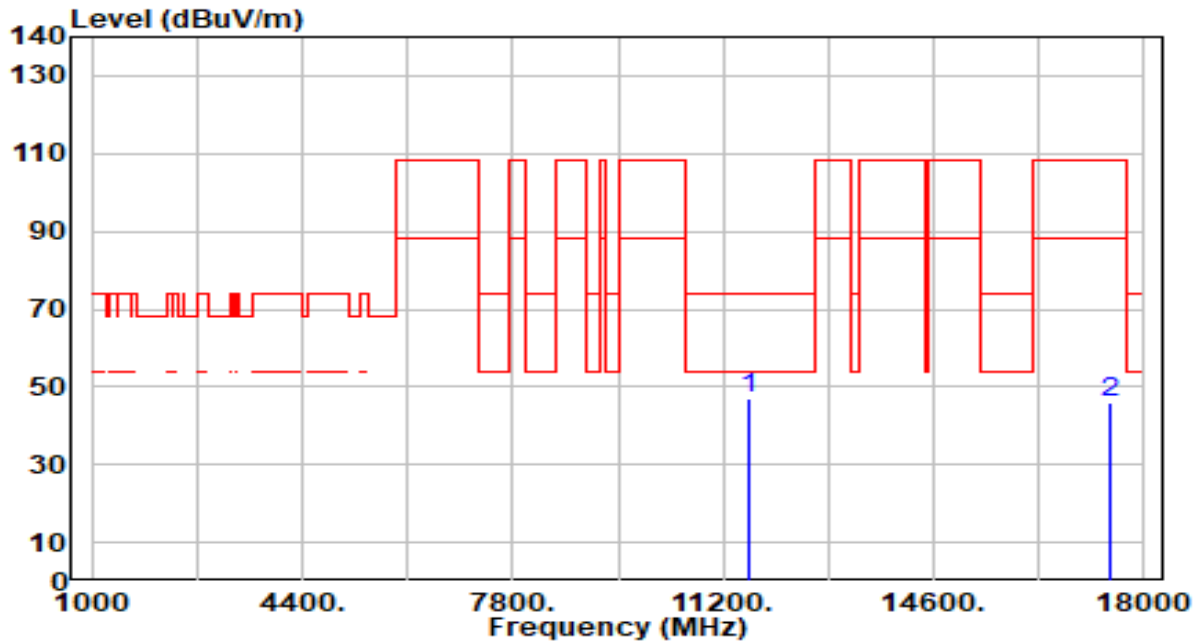


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	40.75	5.37	46.12	-27.88	74.00	100	28	Peak
2		17445.000	42.01	4.97	46.98	-61.22	108.20	100	360	Peak

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

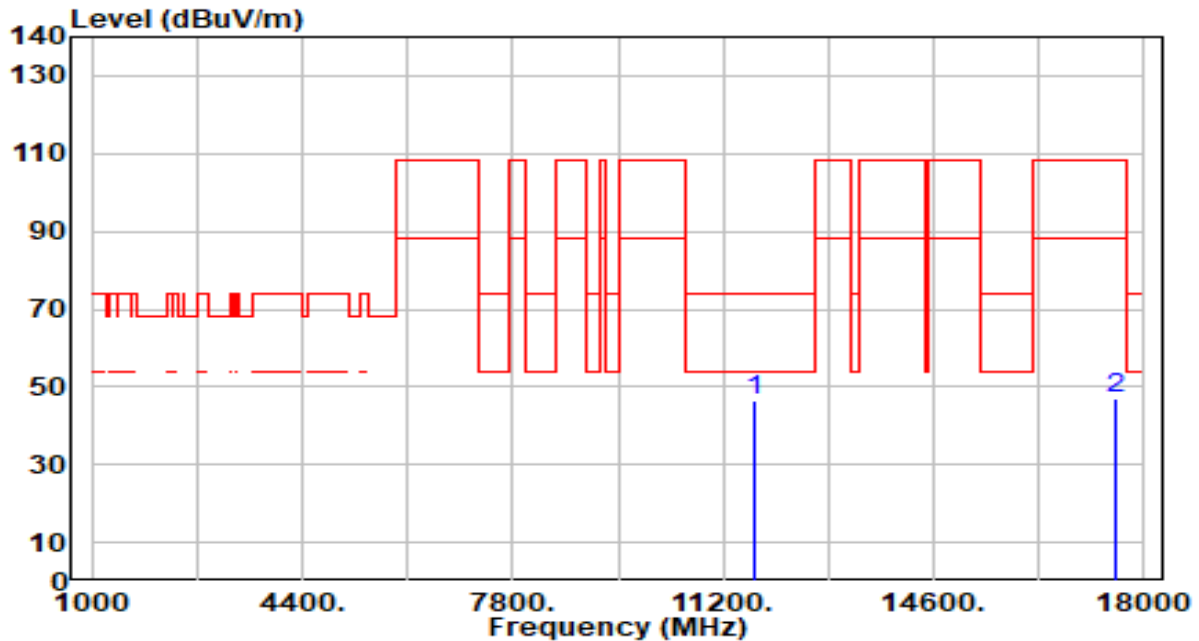


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	41.43	5.37	46.81	-27.19	74.00	100	261	Peak
2		17445.000	41.15	4.97	46.12	-62.08	108.20	100	0	Peak

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

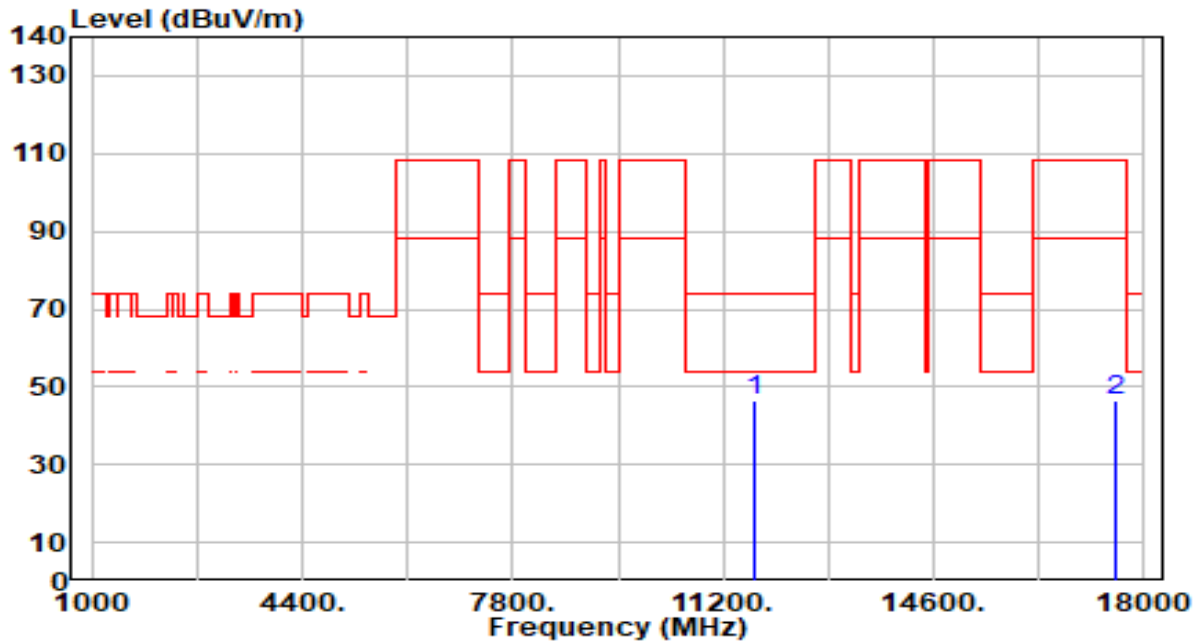


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	40.98	5.37	46.35	-27.65	74.00	100	321	Peak
2		17535.000	41.81	5.16	46.97	-61.23	108.20	100	197	Peak

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

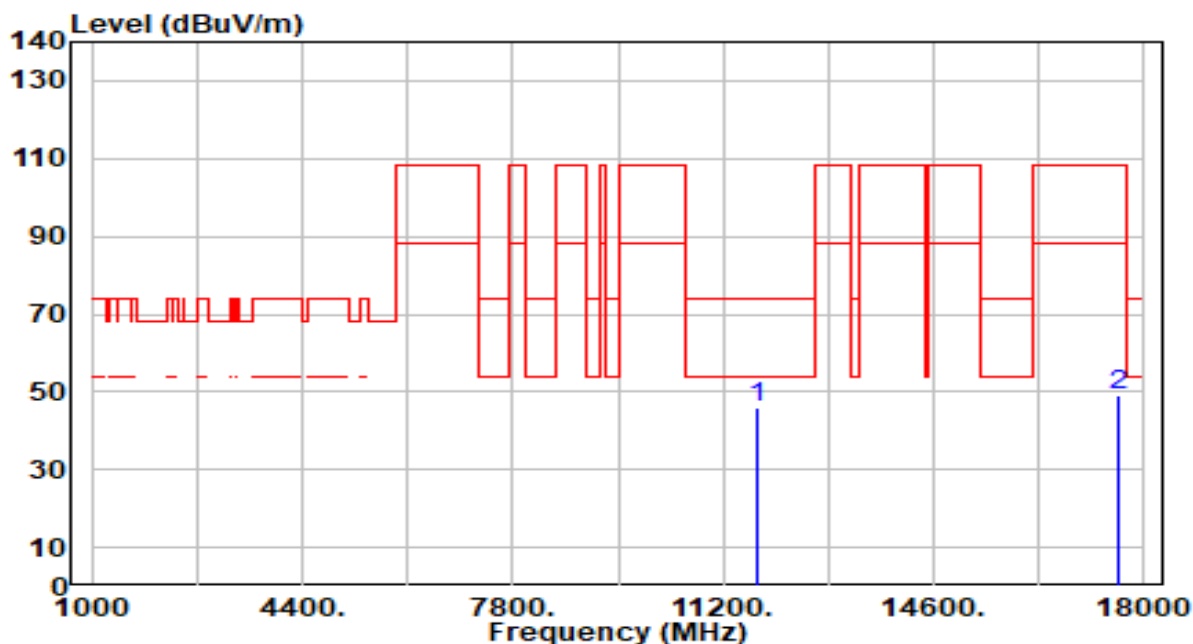


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11690.000	41.14	5.37	46.51	-27.49	74.00	100	0	Peak
2		17535.000	41.10	5.16	46.27	-61.93	108.20	100	255	Peak

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

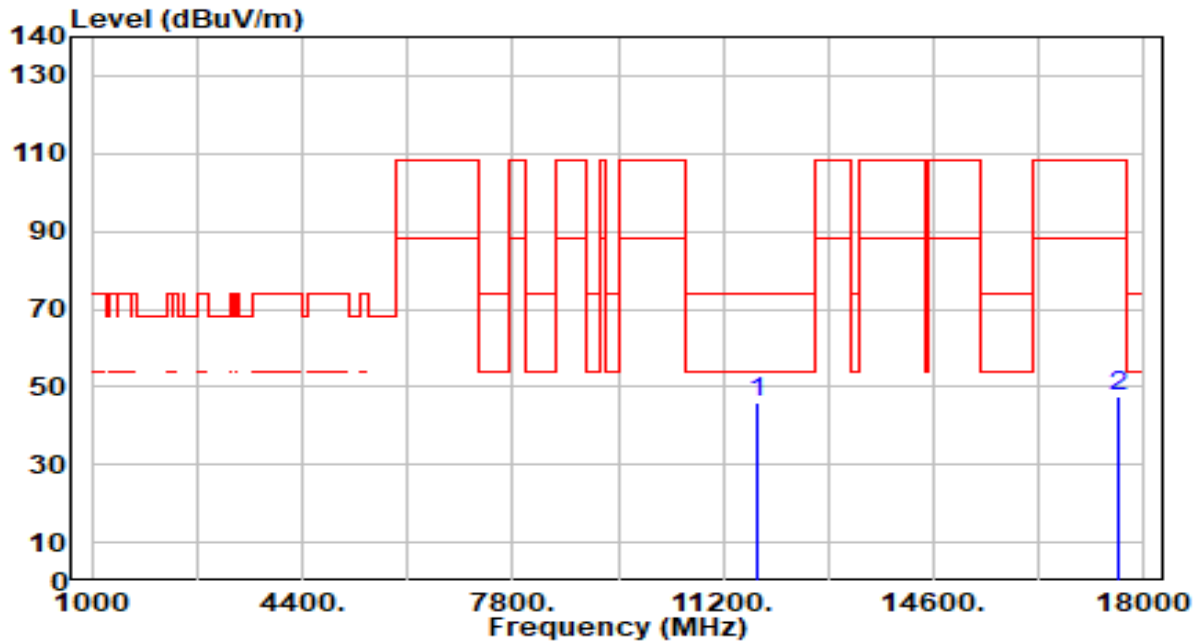


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	40.80	5.36	46.17	-27.83	74.00	100	312	Peak
2		17595.000	43.82	5.32	49.14	-59.06	108.20	100	0	Peak

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

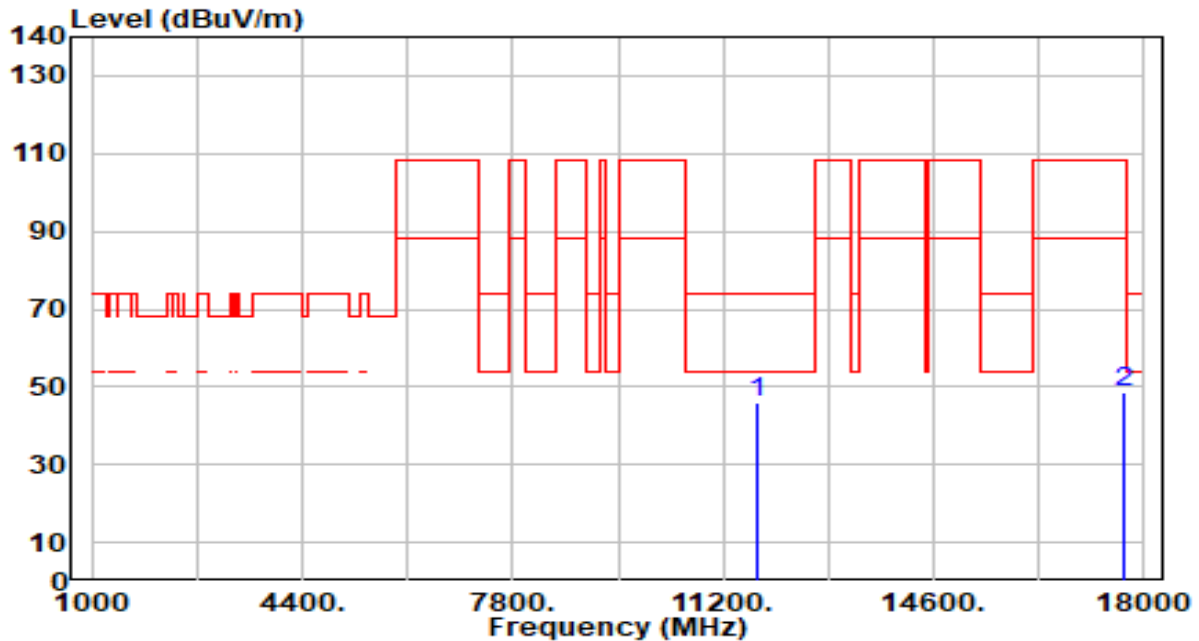


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11730.000	40.78	5.36	46.15	-27.85	74.00	100	0	Peak
2		17595.000	42.22	5.32	47.54	-60.66	108.20	100	232	Peak

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

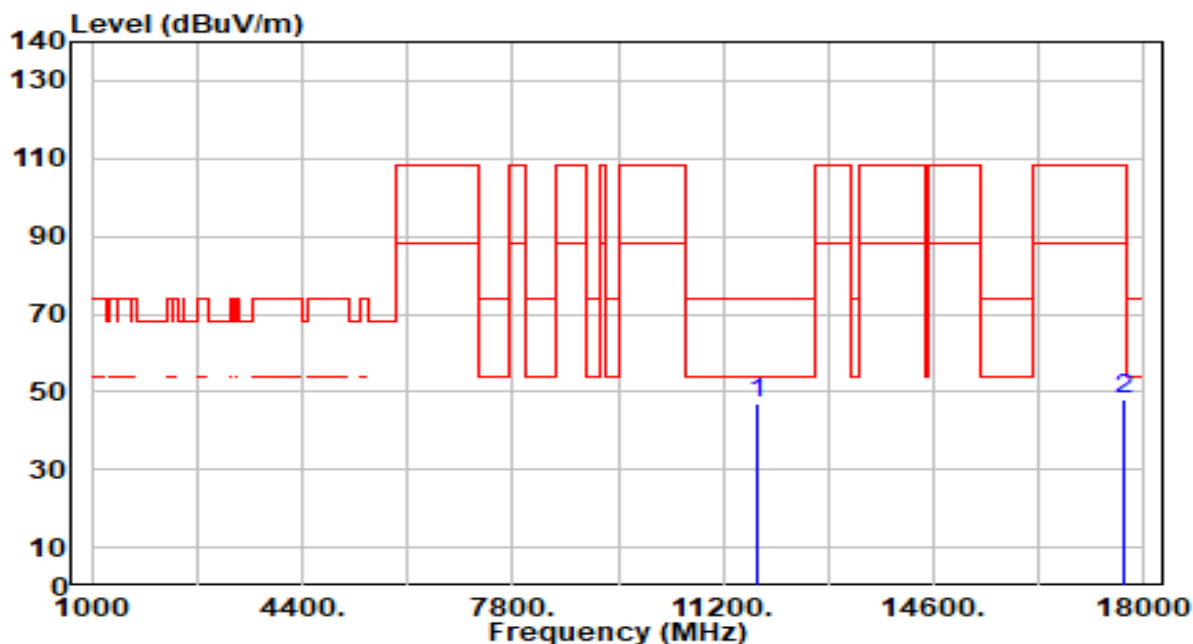


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	40.45	5.36	45.82	-28.18	74.00	100	77	Peak
2		17655.000	43.12	5.36	48.48	-59.72	108.20	100	46	Peak

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

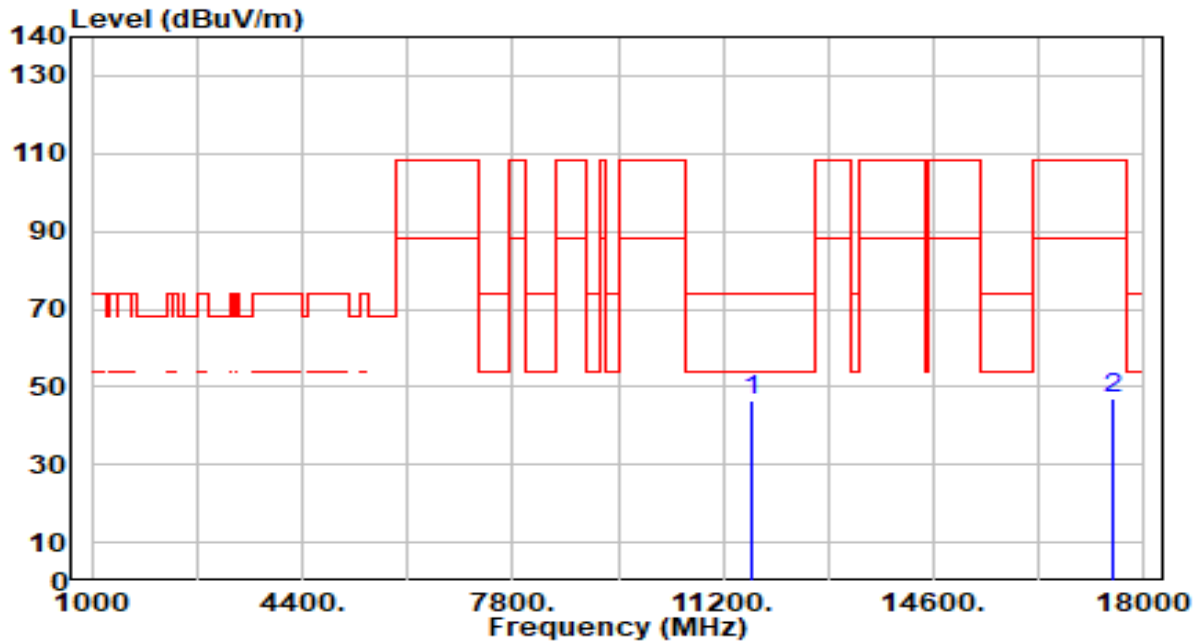


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11770.000	41.84	5.36	47.20	-26.80	74.00	100	0	Peak
2		17655.000	42.48	5.36	47.84	-60.36	108.20	100	198	Peak

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

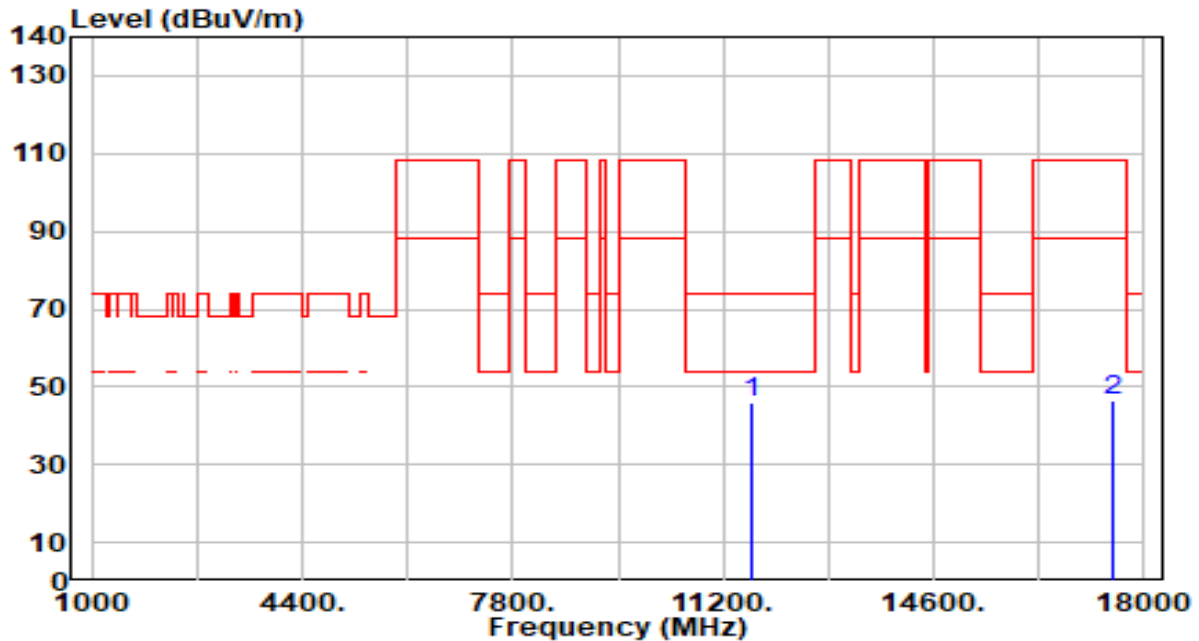


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	41.07	5.37	46.44	-27.56	74.00	100	19	Peak
2		17505.000	41.83	5.08	46.92	-61.28	108.20	100	90	Peak

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

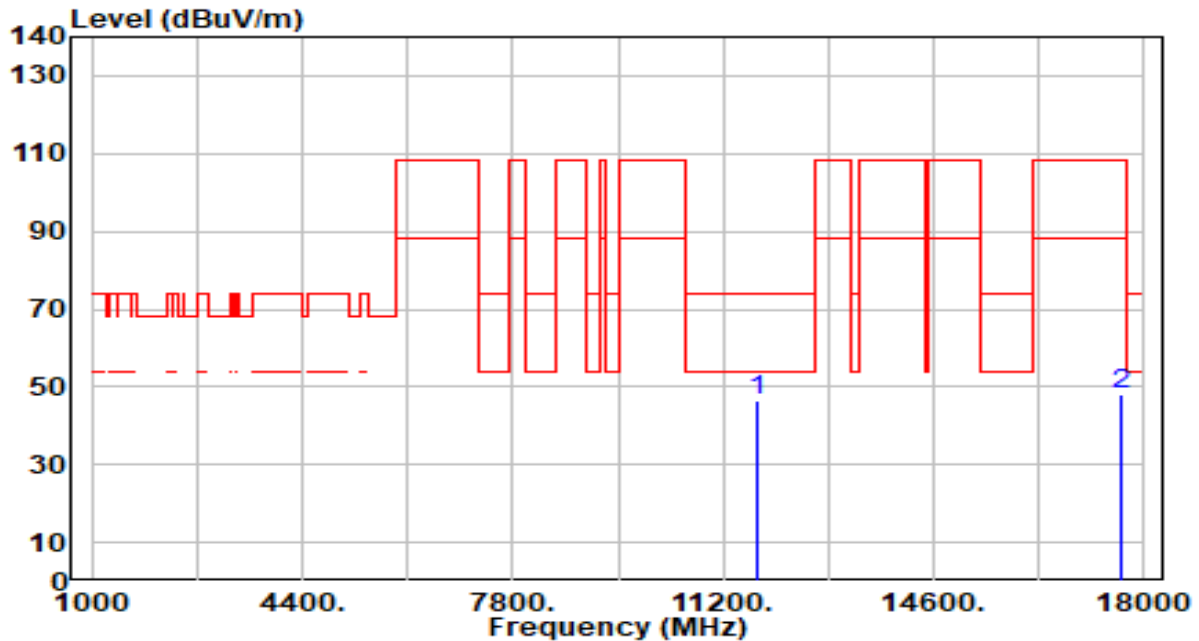


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11670.000	40.63	5.37	46.00	-28.00	74.00	100	163	Peak
2		17505.000	41.58	5.08	46.66	-61.54	108.20	100	0	Peak

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

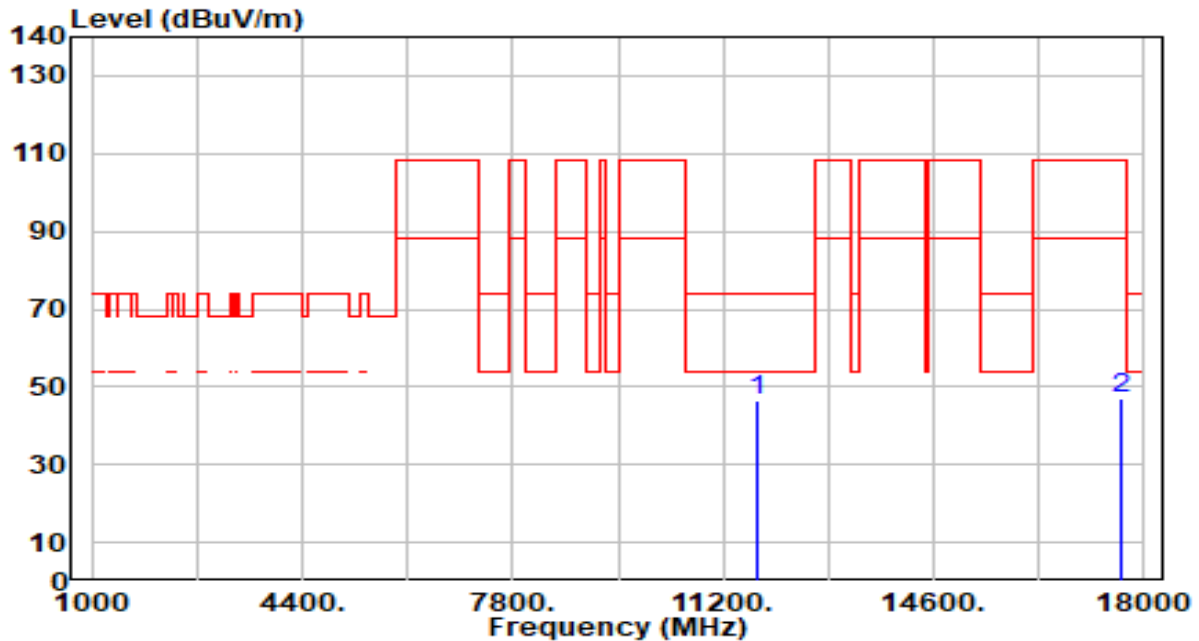


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	40.98	5.36	46.35	-27.65	74.00	100	125	Peak
2		17625.000	42.66	5.34	48.00	-60.20	108.20	100	45	Peak

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

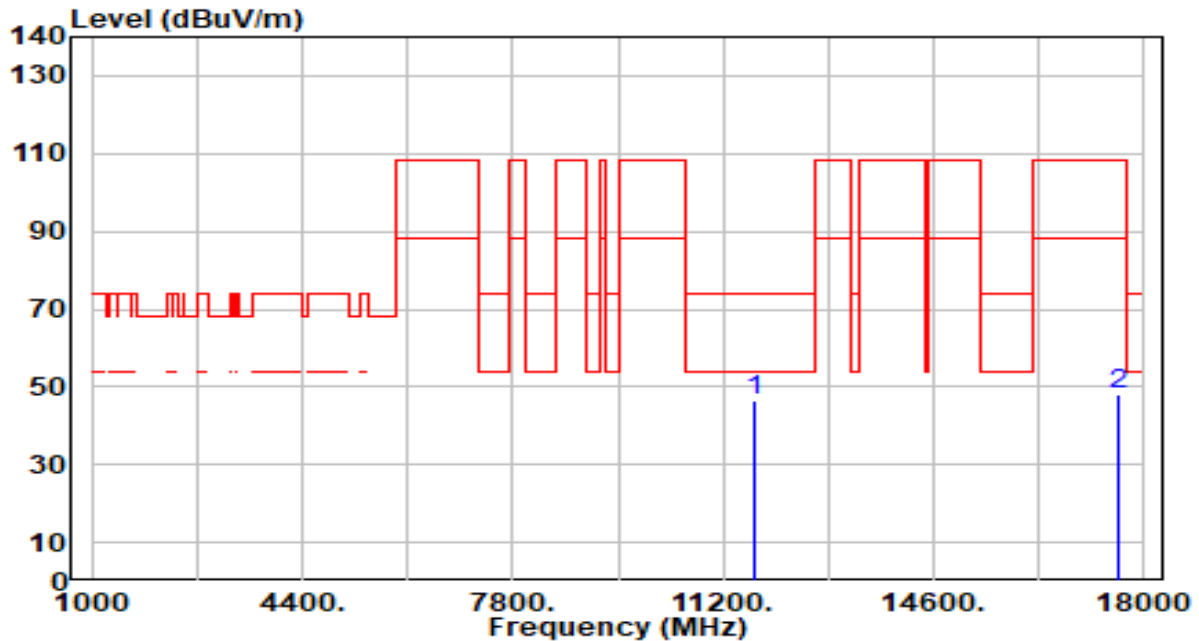


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11750.000	41.21	5.36	46.57	-27.43	74.00	100	287	Peak
2		17625.000	41.75	5.34	47.09	-61.11	108.20	100	17	Peak

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

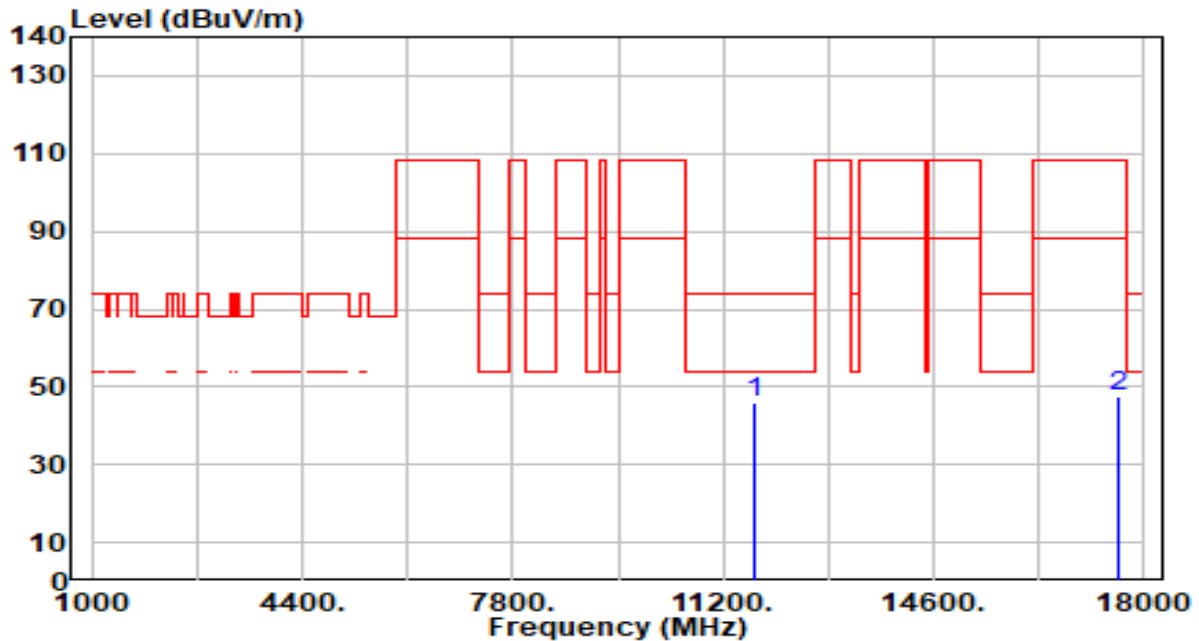


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	41.01	5.37	46.37	-27.63	74.00	100	306	Peak
2		17565.000	42.82	5.24	48.06	-60.14	108.20	100	29	Peak

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

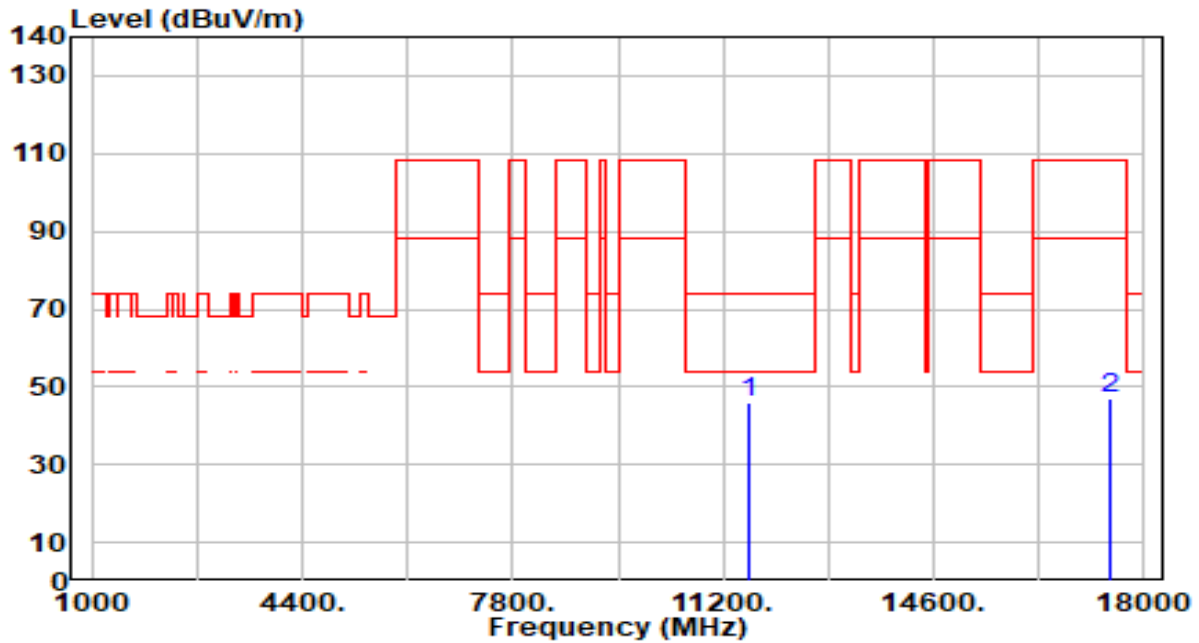


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11710.000	40.42	5.37	45.78	-28.22	74.00	100	17	Peak
2		17565.000	42.17	5.24	47.40	-60.80	108.20	100	3	Peak

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

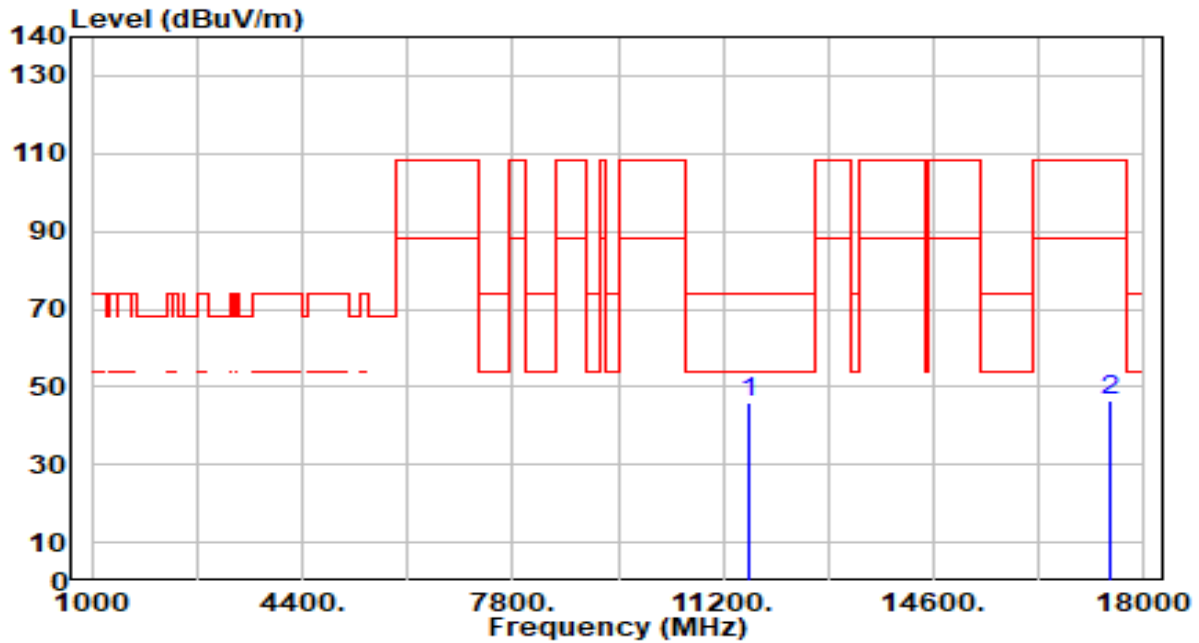


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	40.62	5.37	45.99	-28.01	74.00	100	57	Peak
2		17445.000	41.85	4.97	46.82	-61.38	108.20	100	89	Peak

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

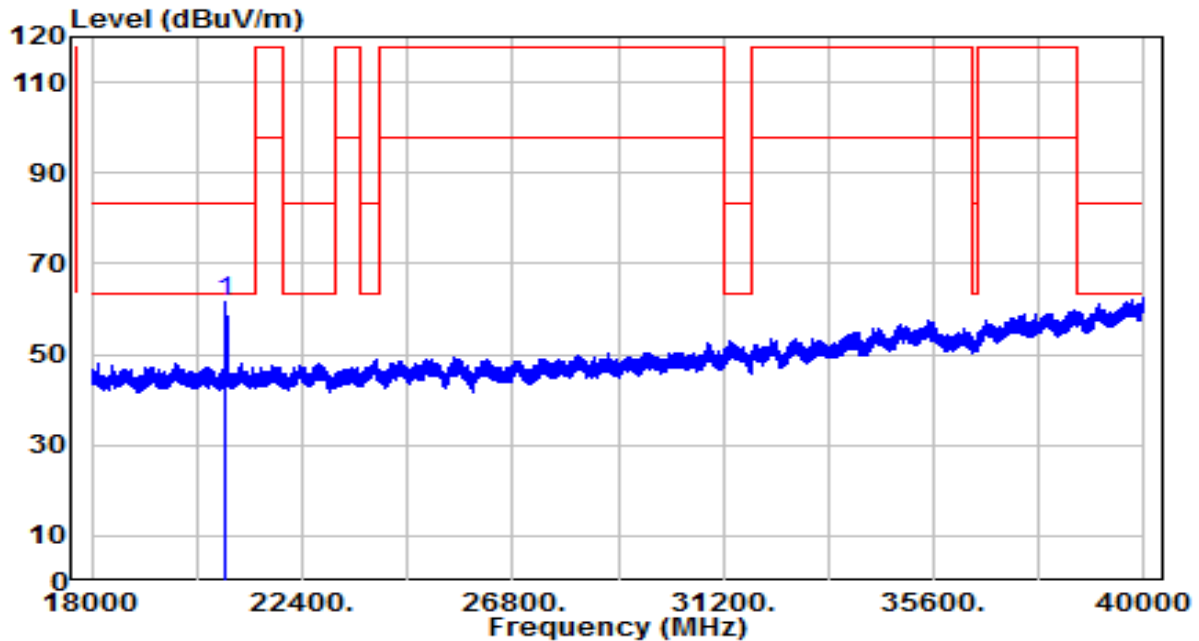


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11630.000	40.77	5.37	46.14	-27.86	74.00	100	0	Peak
2		17445.000	41.30	4.97	46.27	-61.93	108.20	100	95	Peak

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

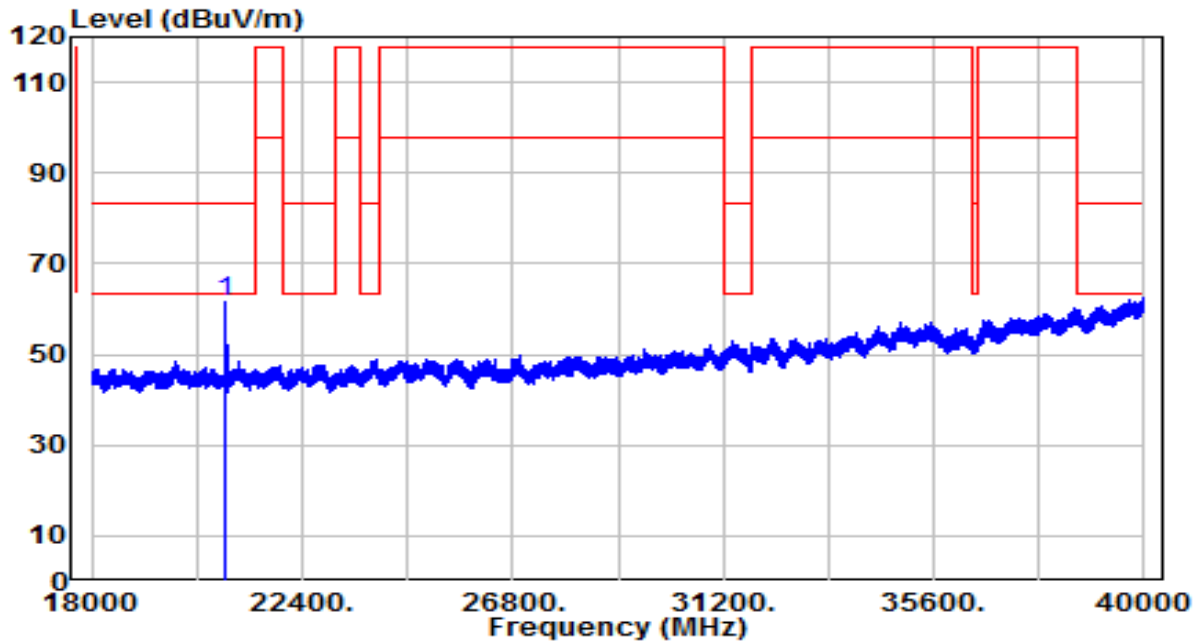


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	20798.810	50.68	10.95	61.62	-21.88	83.50	150	245	Peak

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.

$E [dB\mu V/m] = EIRP [dBm] + 95.2$, 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

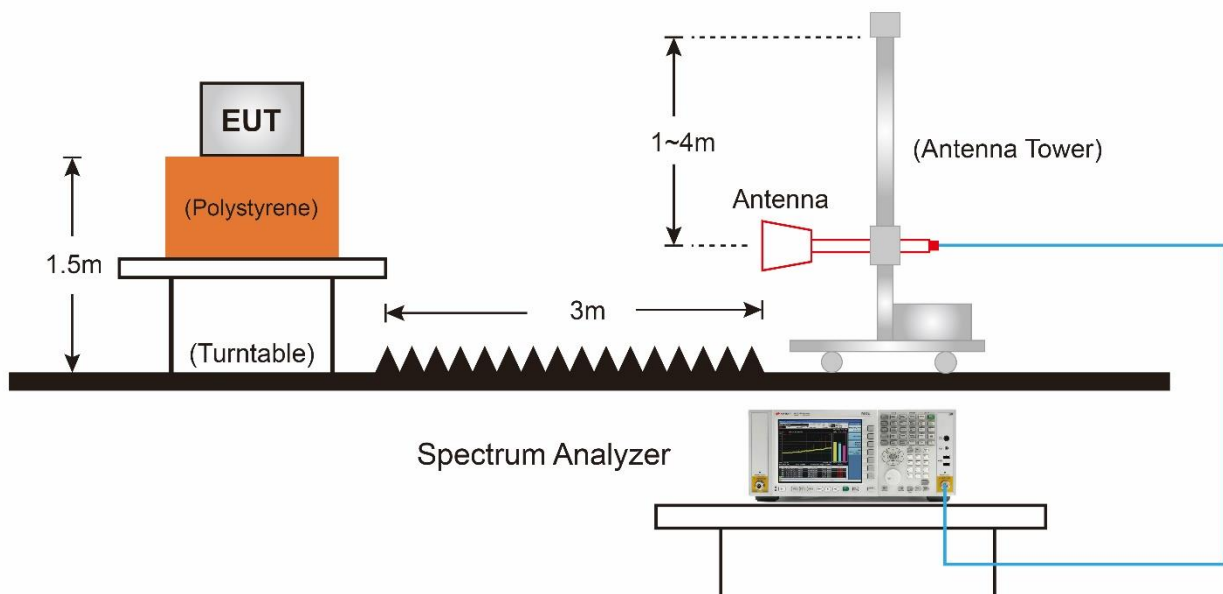
7.8.3.Test Setting

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

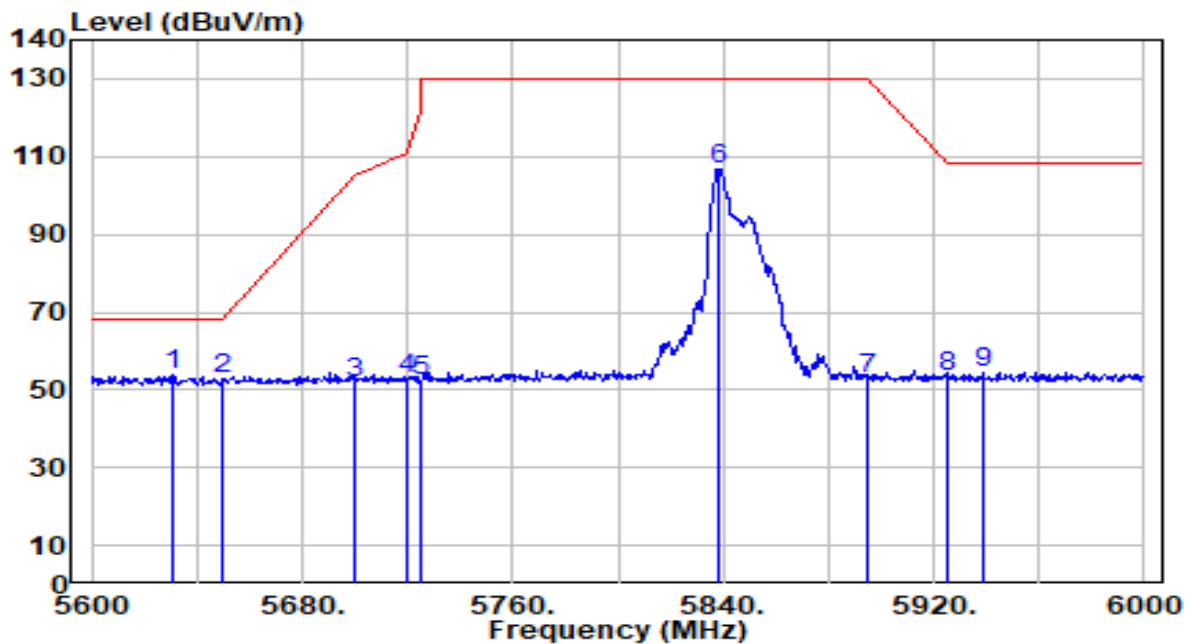
Average Measurements above 1GHz (Method VB)

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

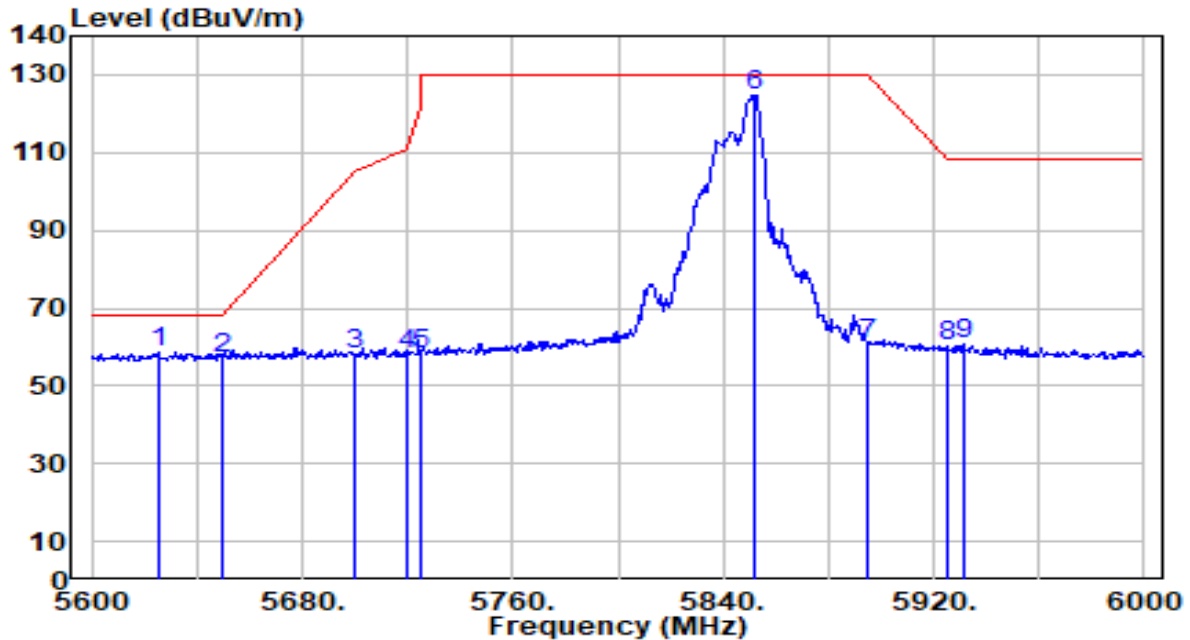


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5630.800	52.22	1.45	53.67	-14.53	68.20	116	209	Peak
2		5650.000	51.34	1.54	52.89	-15.31	68.20	116	209	Peak
3		5700.000	49.91	1.78	51.69	-53.51	105.20	116	209	Peak
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

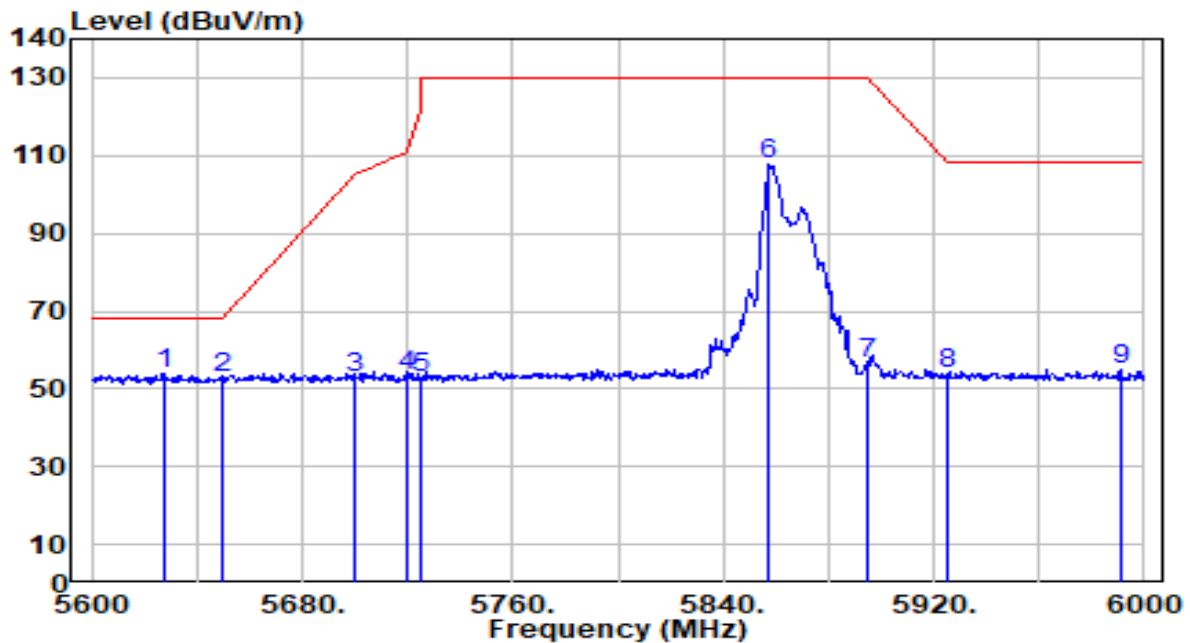


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5625.200	57.33	1.43	58.76	-9.44	68.20	190	240	Peak
2		5650.000	55.29	1.54	56.83	-11.37	68.20	190	240	Peak
3		5700.000	56.15	1.78	57.93	-47.27	105.20	190	240	Peak
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

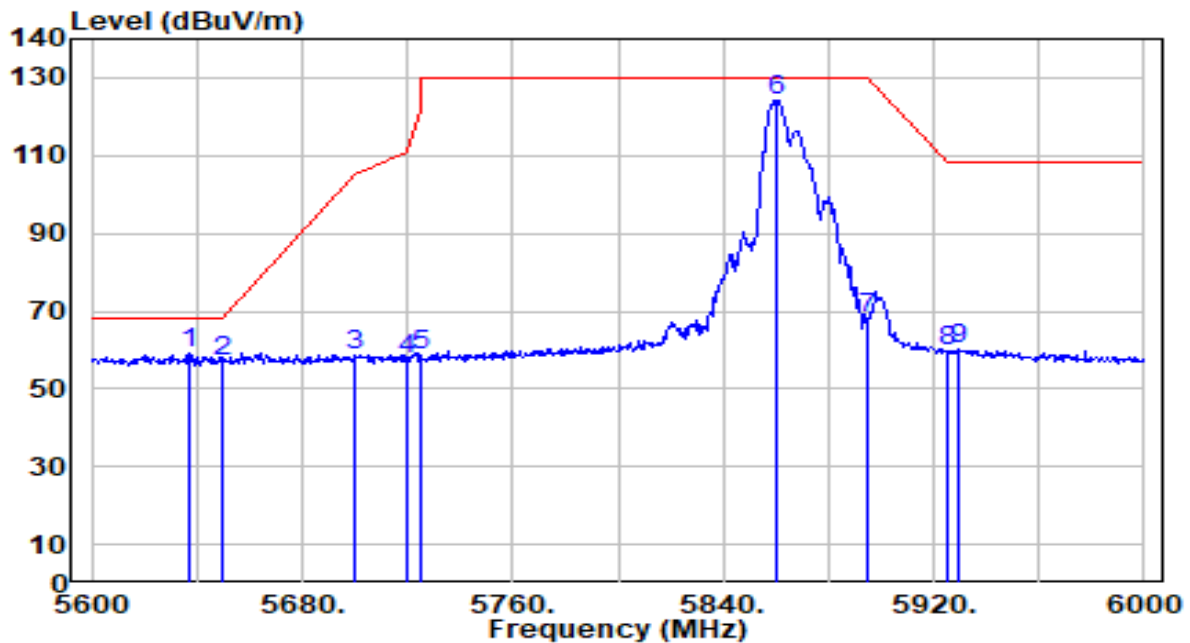


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5627.200	52.41	1.44	53.84	-14.36	68.20	111	209	Peak
2		5650.000	51.24	1.54	52.78	-15.42	68.20	111	209	Peak
3		5700.000	50.94	1.78	52.72	-52.48	105.20	111	209	Peak
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

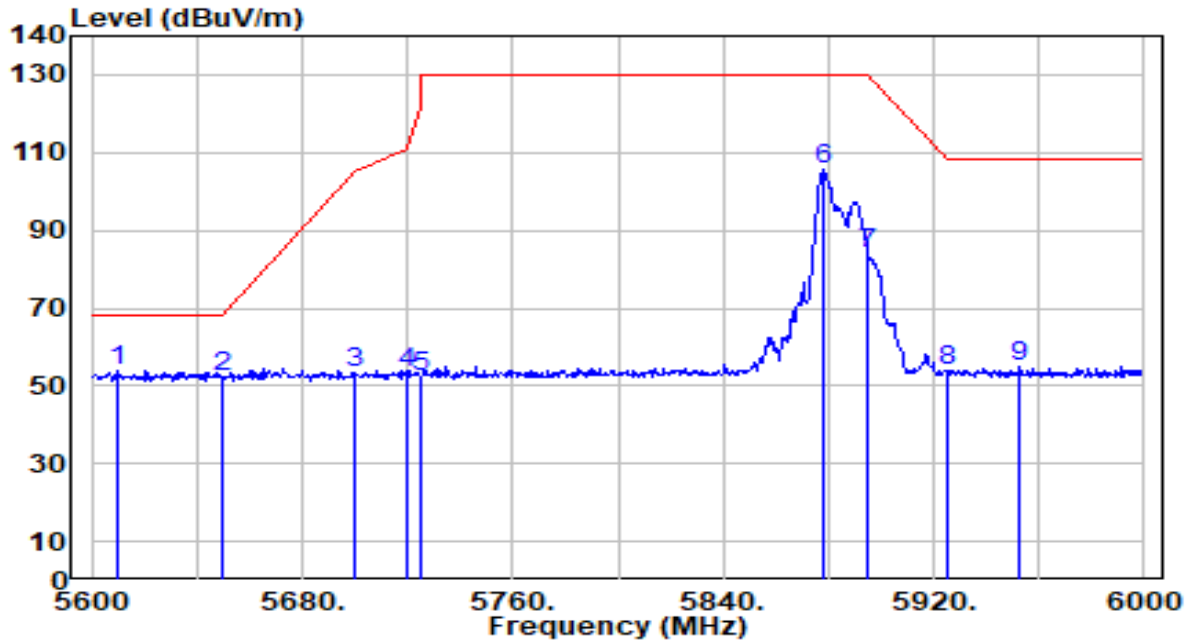


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5637.200	57.91	1.48	59.39	-8.81	68.20	190	224	Peak
2		5650.000	55.42	1.54	56.97	-11.23	68.20	190	224	Peak
3		5700.000	56.68	1.78	58.46	-46.74	105.20	190	224	Peak
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

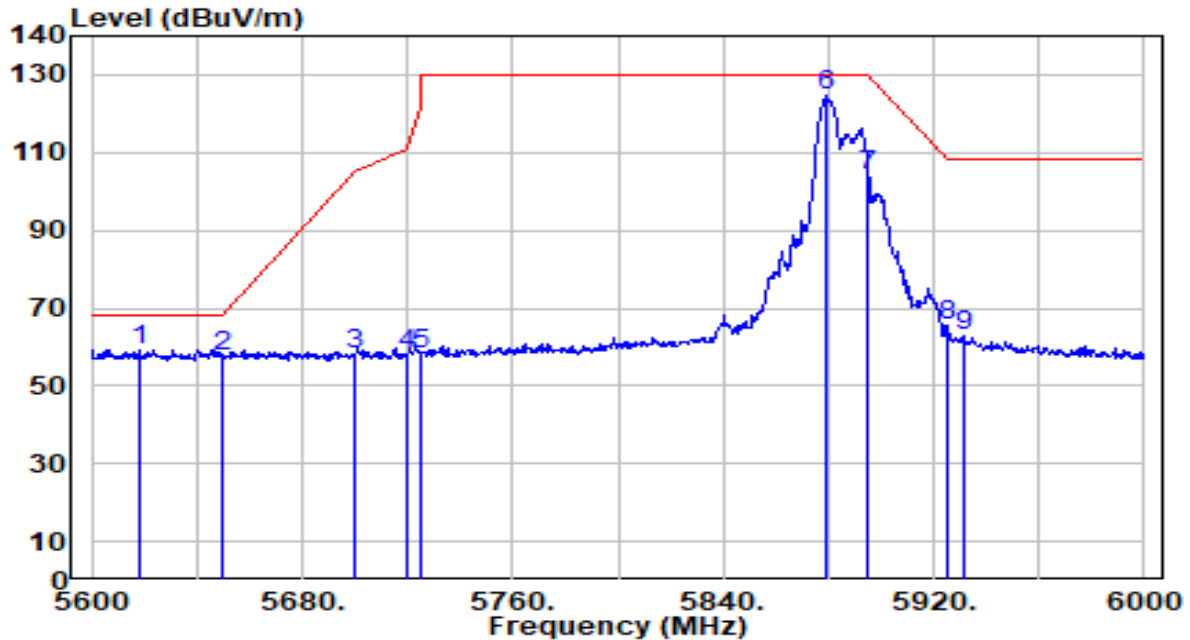


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5609.600	52.67	1.35	54.02	-14.18	68.20	100	210	Peak
2		5650.000	50.97	1.54	52.51	-15.69	68.20	100	210	Peak
3		5700.000	51.48	1.78	53.25	-51.95	105.20	100	210	Peak
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

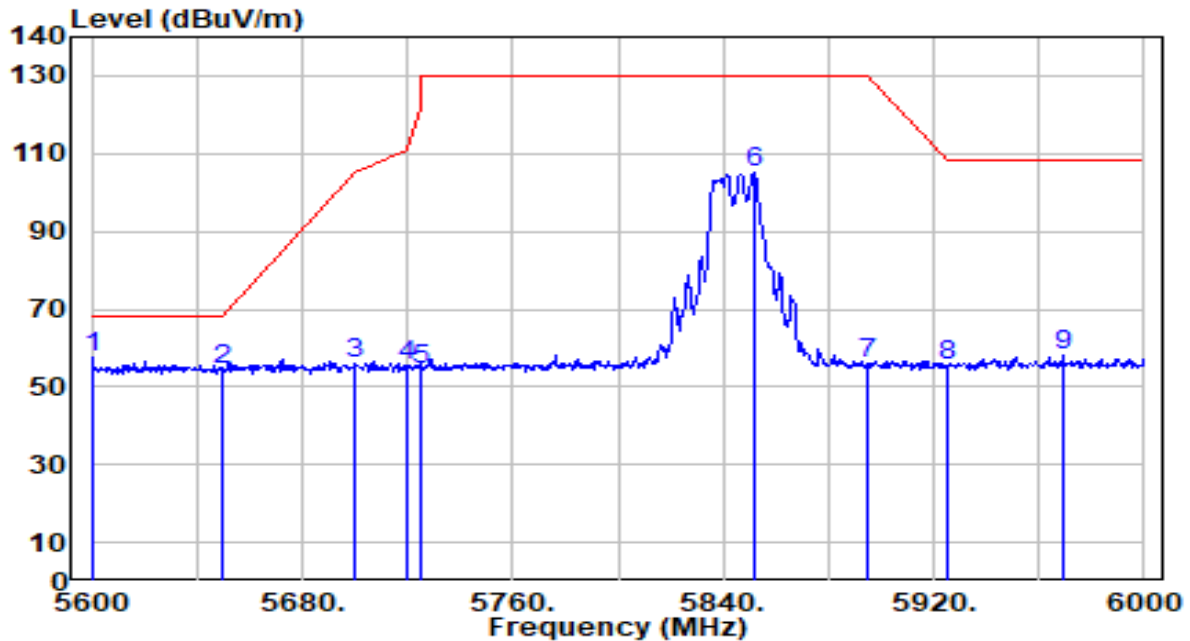


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5618.000	57.99	1.39	59.39	-8.81	68.20	179	226	Peak
2		5650.000	55.98	1.54	57.52	-10.68	68.20	179	226	Peak
3		5700.000	56.39	1.78	58.17	-47.03	105.20	179	226	Peak
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

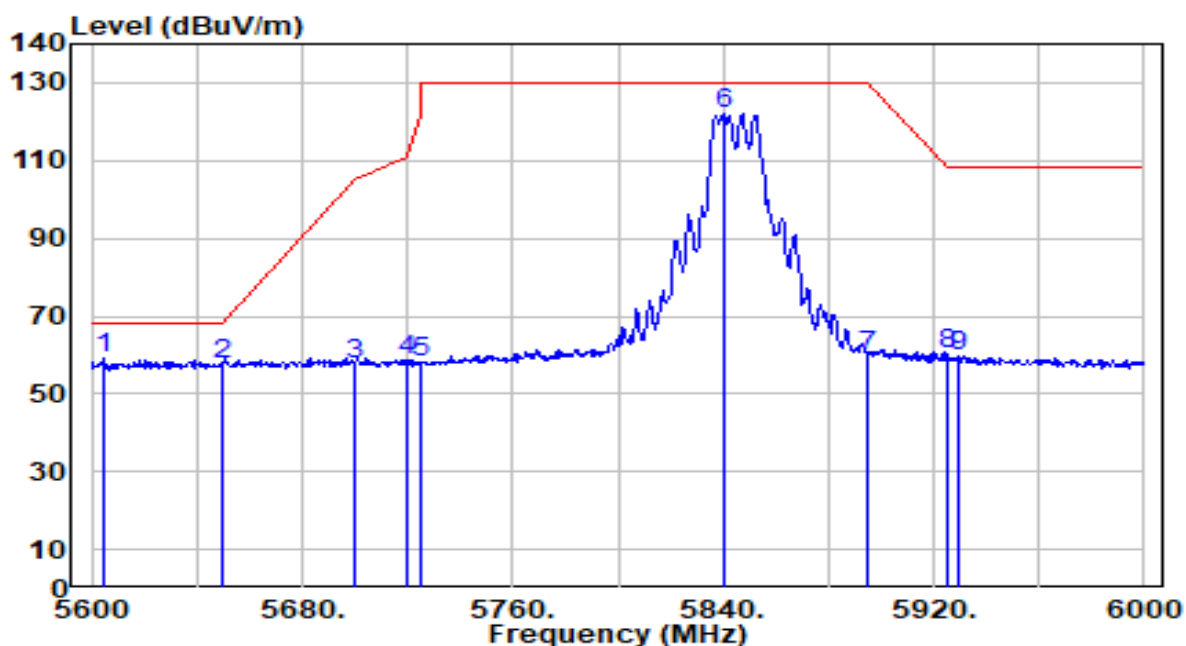


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5600.000	56.01	1.31	57.32	-10.88	68.20	100	209	Peak
2		5650.000	52.87	1.54	54.41	-13.79	68.20	100	209	Peak
3		5700.000	54.06	1.78	55.84	-49.36	105.20	100	209	Peak
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

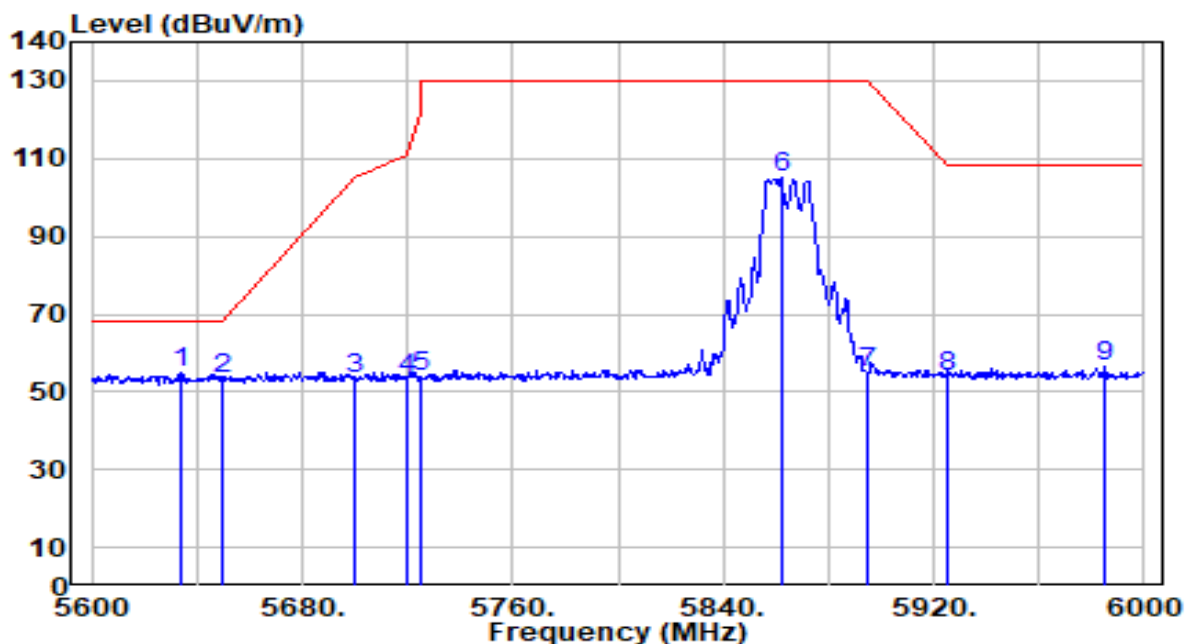


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5604.400	57.75	1.33	59.08	-9.12	68.20	190	225	Peak
2		5650.000	56.20	1.54	57.74	-10.46	68.20	190	225	Peak
3		5700.000	55.90	1.78	57.68	-47.52	105.20	190	225	Peak
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

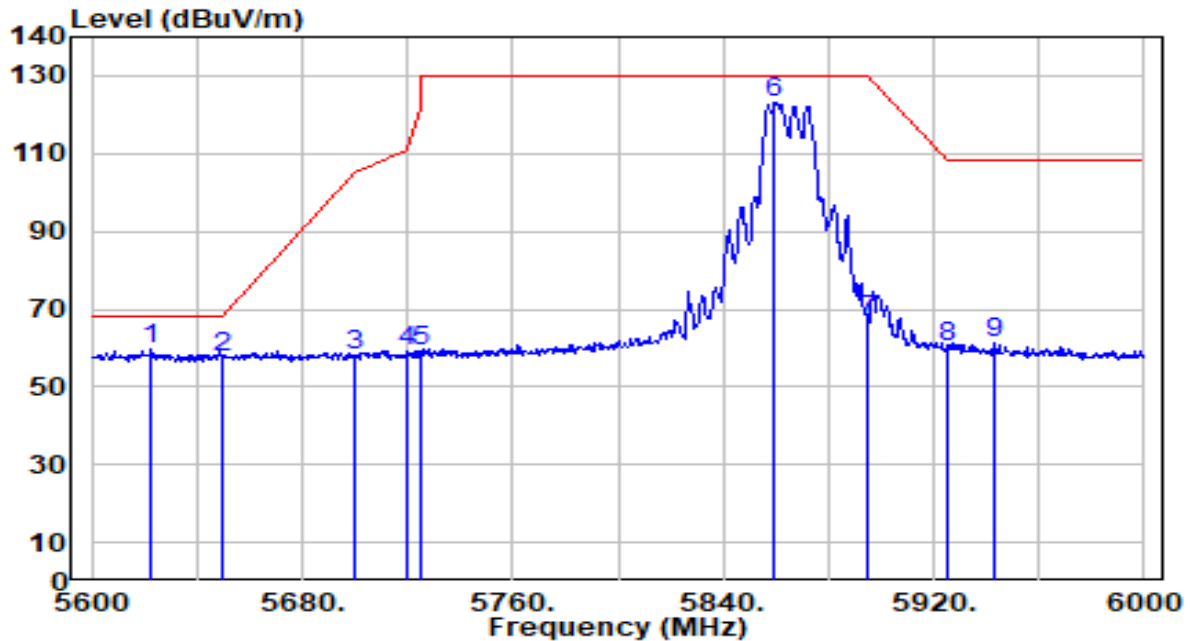


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5633.600	53.59	1.47	55.06	-13.14	68.20	100	208	Peak
2		5650.000	51.56	1.54	53.10	-15.10	68.20	100	208	Peak
3		5700.000	51.38	1.78	53.16	-52.04	105.20	100	208	Peak
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

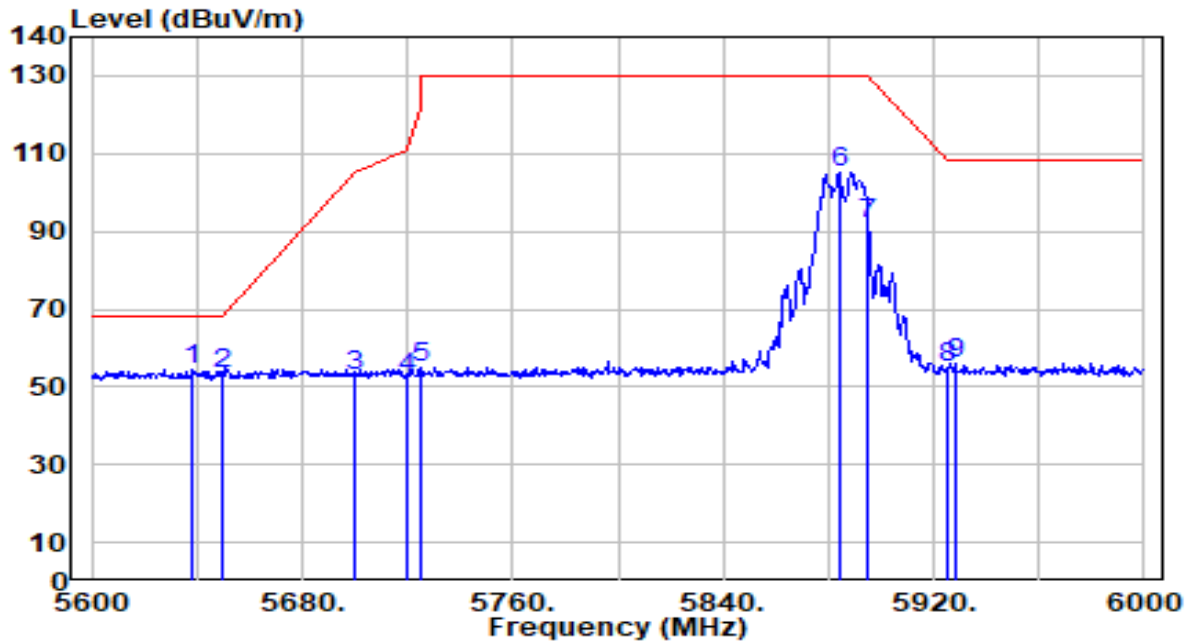


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5622.800	58.16	1.41	59.57	-8.63	68.20	189	223	Peak
2		5650.000	56.02	1.54	57.57	-10.63	68.20	189	223	Peak
3		5700.000	56.57	1.78	58.35	-46.85	105.20	189	223	Peak
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

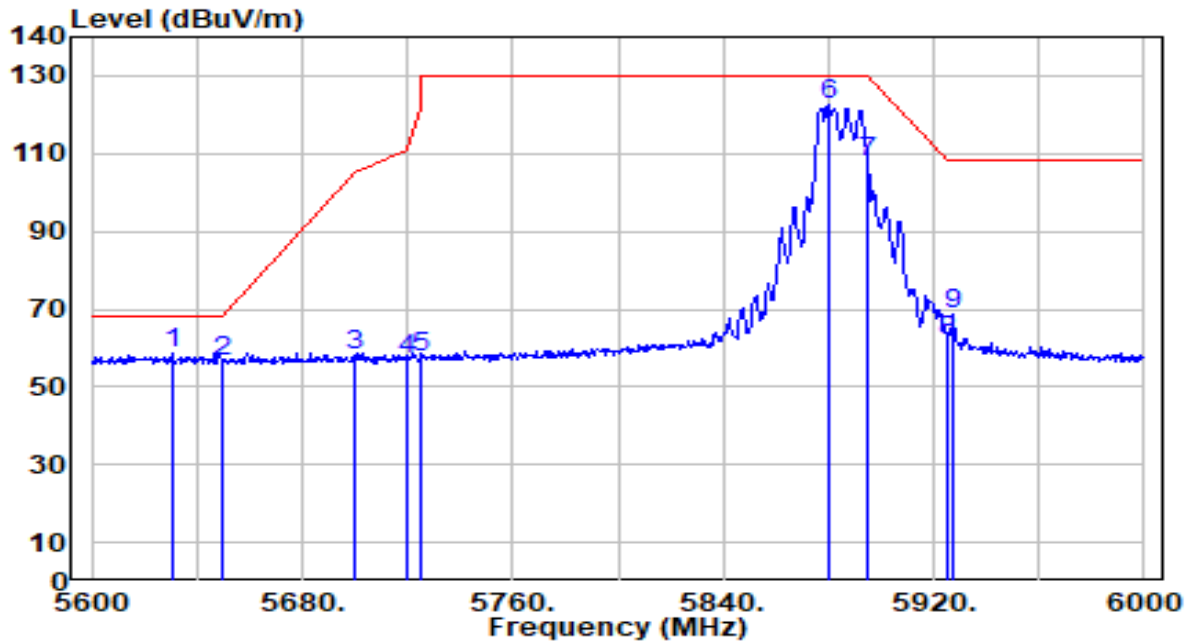


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5638.400	52.71	1.49	54.20	-14.00	68.20	119	322	Peak
2		5650.000	51.86	1.54	53.41	-14.79	68.20	119	322	Peak
3		5700.000	51.28	1.78	53.05	-52.15	105.20	119	322	Peak
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

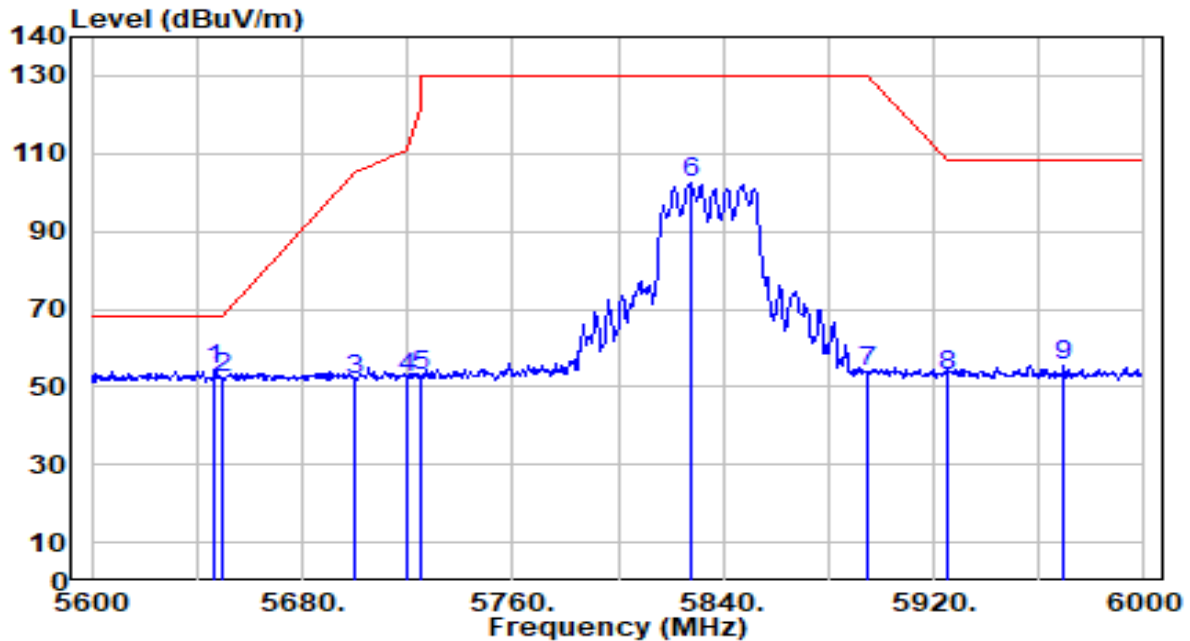


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5630.800	57.39	1.45	58.84	-9.36	68.20	188	223	Peak
2		5650.000	55.11	1.54	56.65	-11.55	68.20	188	223	Peak
3		5700.000	56.15	1.78	57.93	-47.27	105.20	188	223	Peak
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

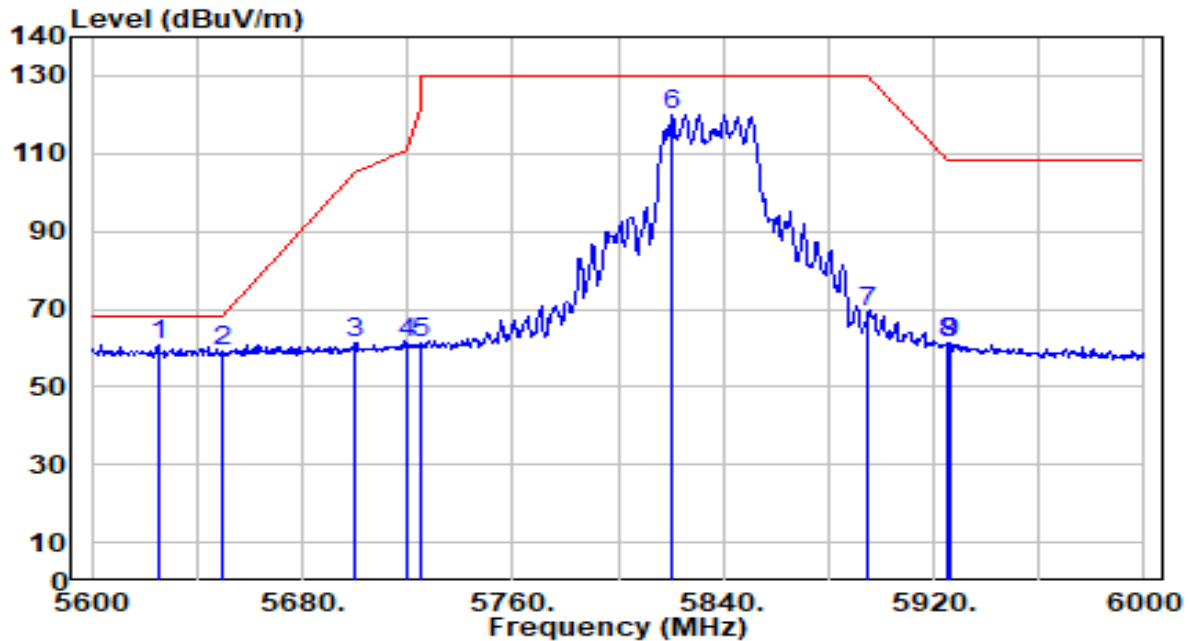


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5646.800	52.69	1.53	54.22	-13.98	68.20	100	209	Peak
2		5650.000	50.90	1.54	52.44	-15.76	68.20	100	209	Peak
3		5700.000	50.07	1.78	51.84	-53.36	105.20	100	209	Peak
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

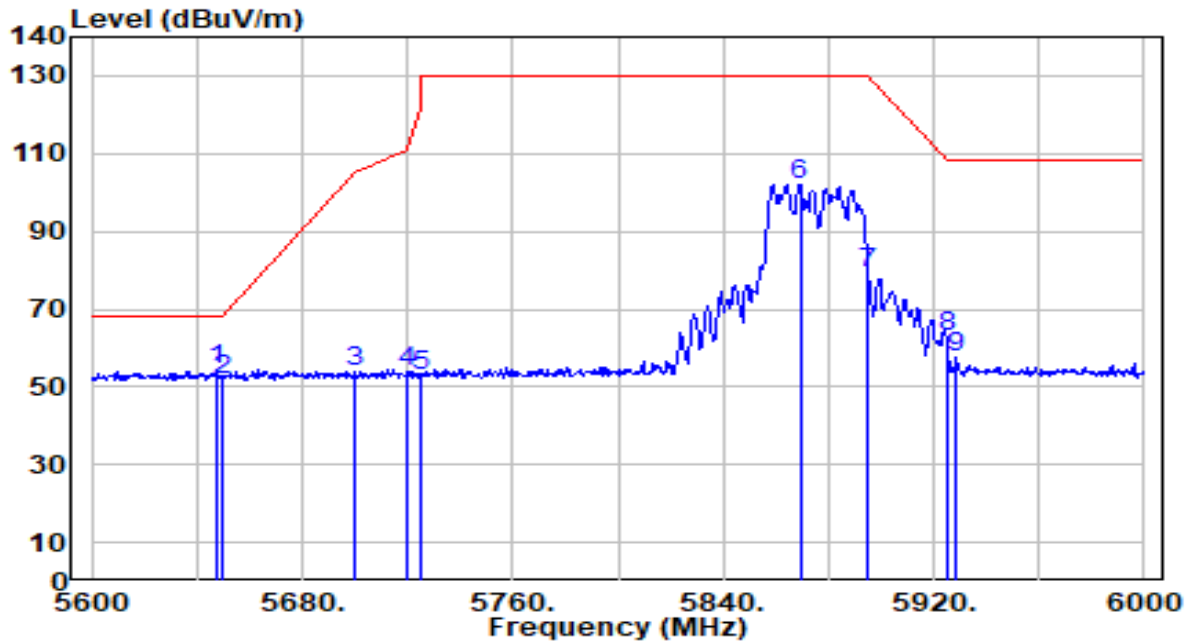


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5625.200	59.46	1.43	60.89	-7.31	68.20	192	22	Peak
2		5650.000	57.47	1.54	59.02	-9.18	68.20	192	22	Peak
3		5700.000	59.53	1.78	61.31	-43.89	105.20	192	22	Peak
4		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

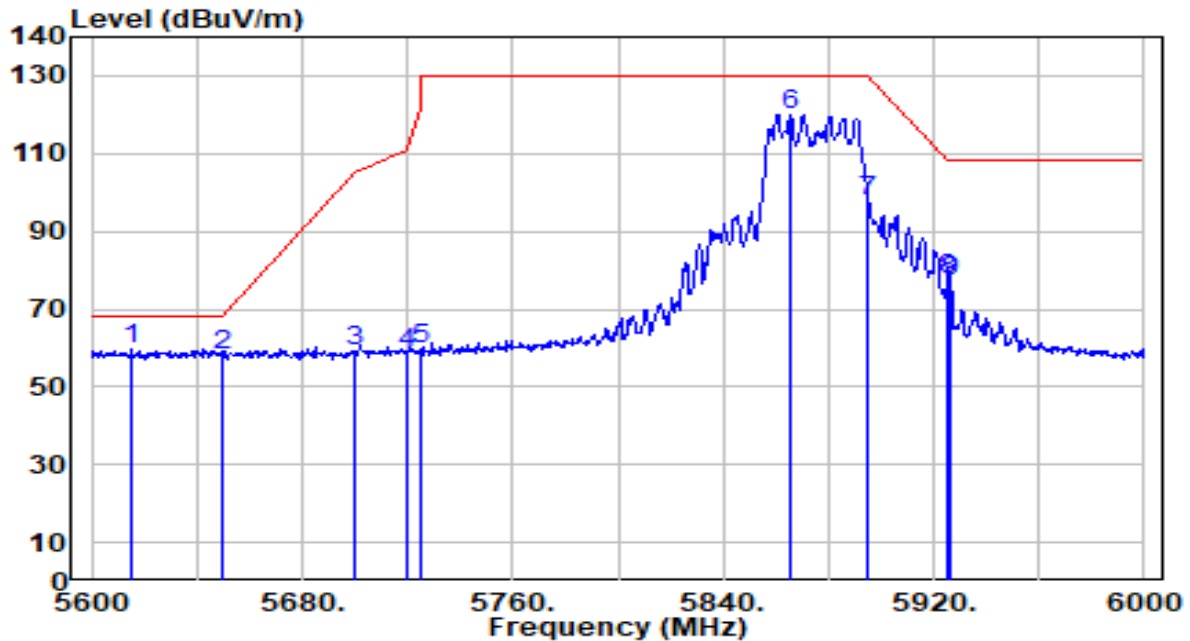


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.200	52.91	1.53	54.44	-13.76	68.20	137	322	Peak
2		5650.000	50.07	1.54	51.61	-16.59	68.20	137	322	Peak
3		5700.000	52.25	1.78	54.03	-51.17	105.20	137	322	Peak
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

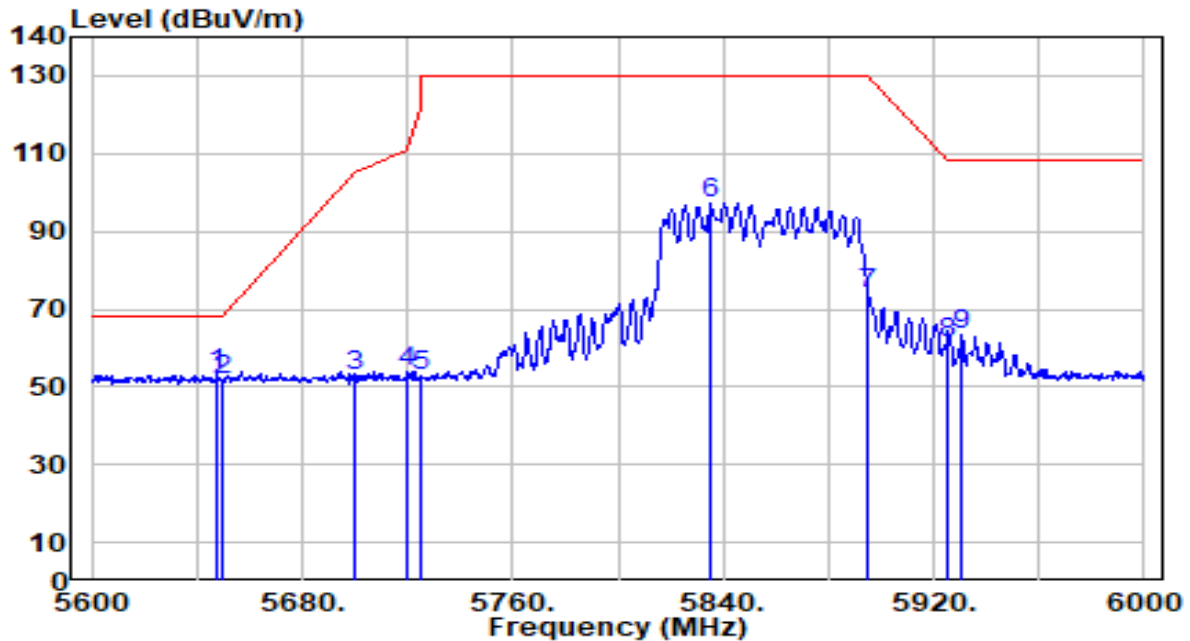


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5615.200	58.28	1.38	59.66	-8.54	68.20	190	21	Peak
2		5650.000	56.54	1.54	58.08	-10.12	68.20	190	21	Peak
3		5700.000	57.36	1.78	59.14	-46.06	105.20	190	21	Peak
4		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

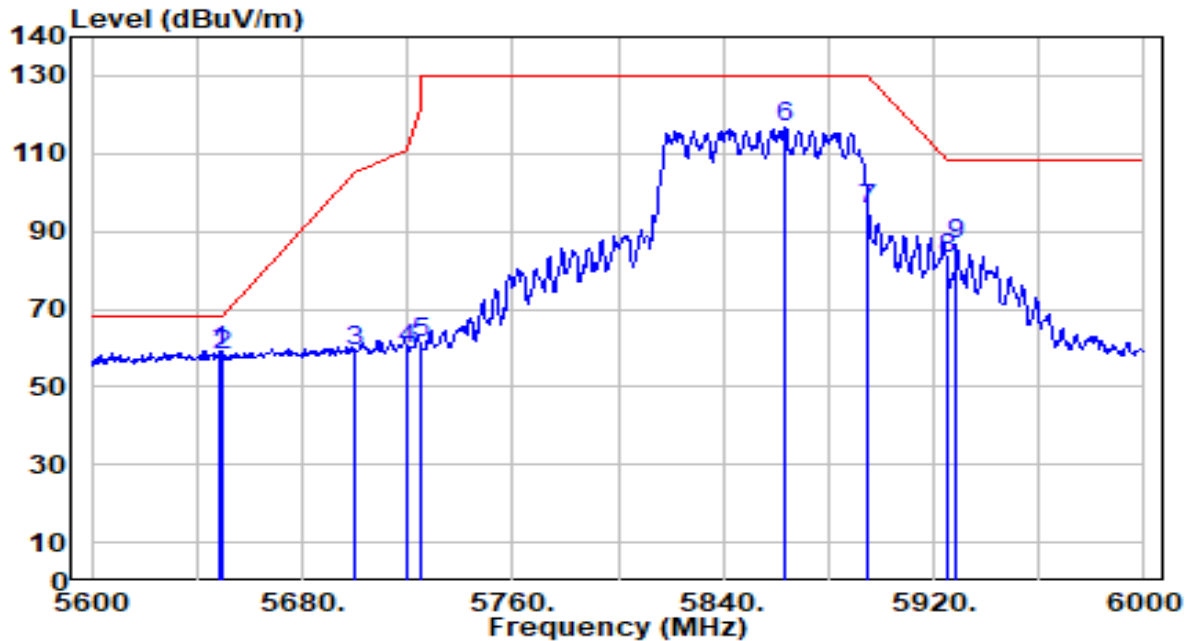


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.600	51.92	1.53	53.45	-14.75	68.20	100	337	Peak
2		5650.000	50.11	1.54	51.66	-16.54	68.20	100	337	Peak
3		5700.000	51.29	1.78	53.07	-52.13	105.20	100	337	Peak
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.