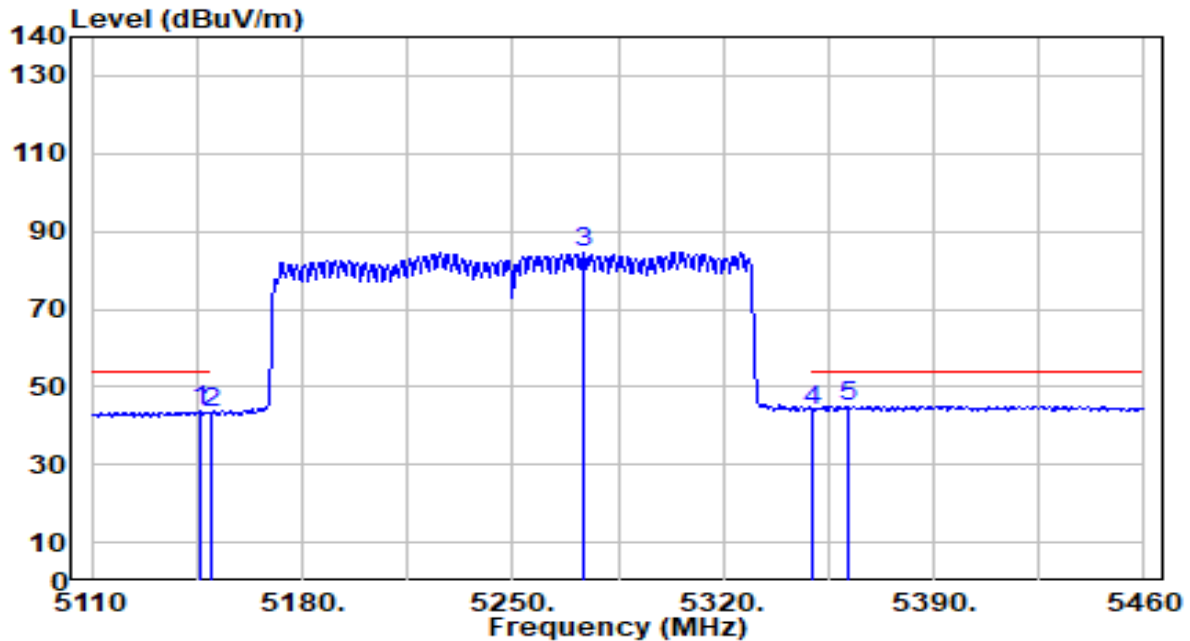


EUT	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

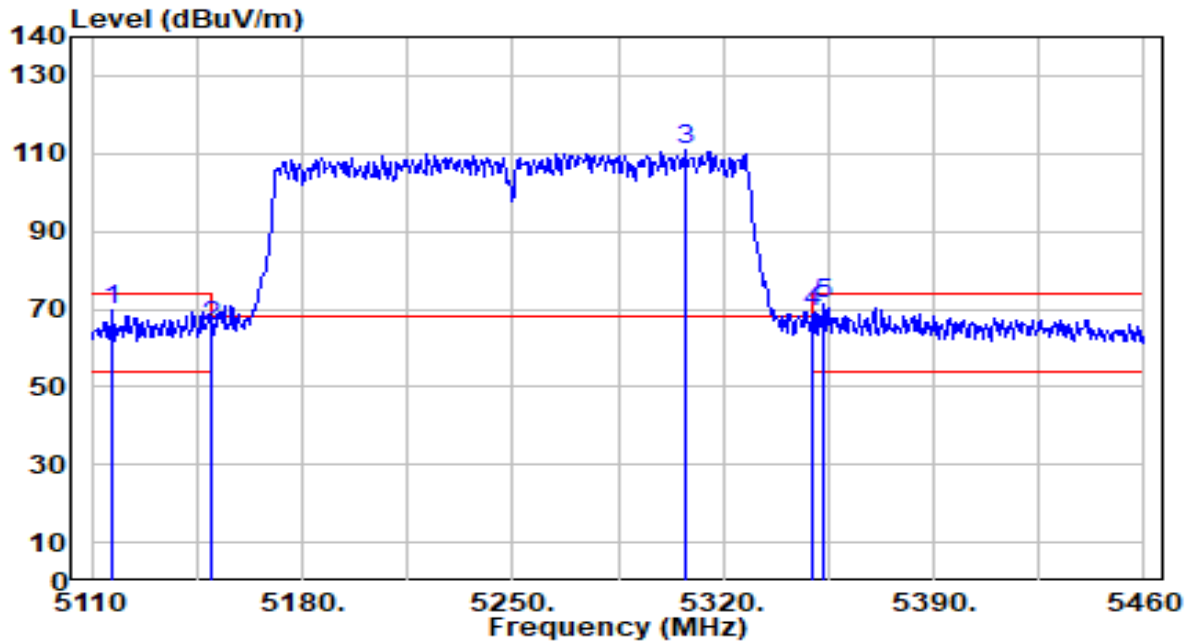


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5145.700	42.96	0.65	43.61	-10.39	54.00	150	26	Average
2	5150.000	42.65	0.65	43.30	-10.70	54.00	150	26	Average
3	5273.450	83.81	0.59	84.40	N/A	N/A	150	26	Average
4	5350.000	43.62	0.47	44.09	-9.91	54.00	150	26	Average
5	* 5361.300	44.66	0.45	45.11	-8.89	54.00	150	26	Average

Note:

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

EUT	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

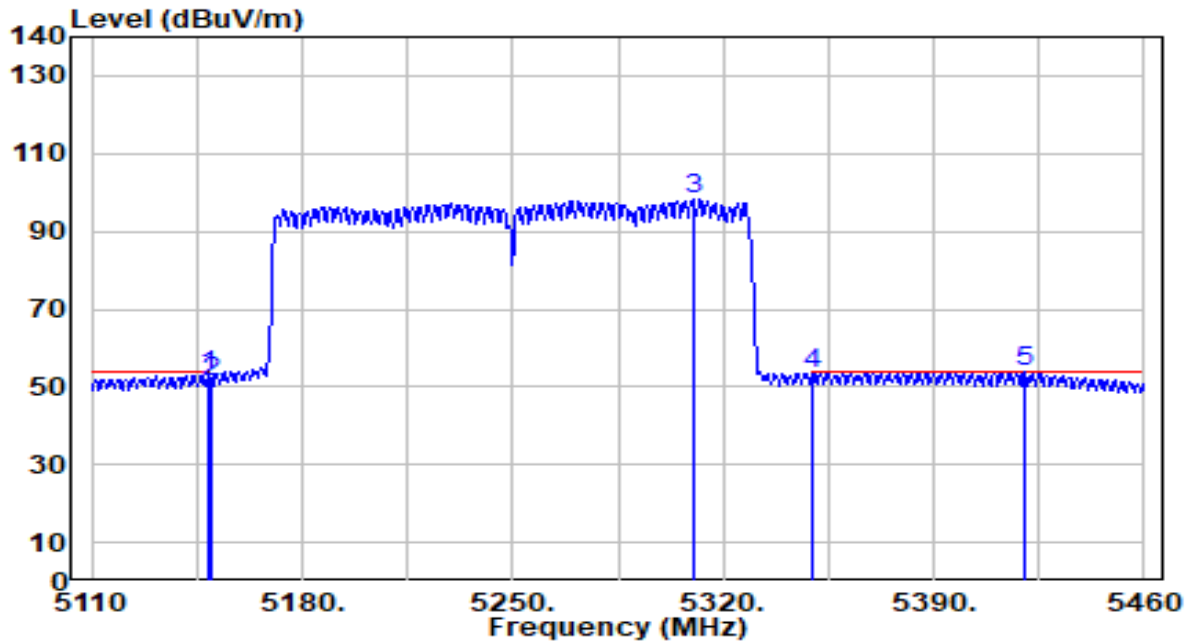


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5117.000	68.85	0.62	69.47	-4.53	74.00	100	236	Peak
2	5150.000	64.86	0.65	65.51	-8.49	74.00	100	236	Peak
3	5307.400	110.30	0.54	110.84	N/A	N/A	100	236	Peak
4	5350.000	68.71	0.47	69.19	-4.81	74.00	100	236	Peak
5	* 5353.250	71.00	0.47	71.47	-2.53	74.00	100	236	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	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

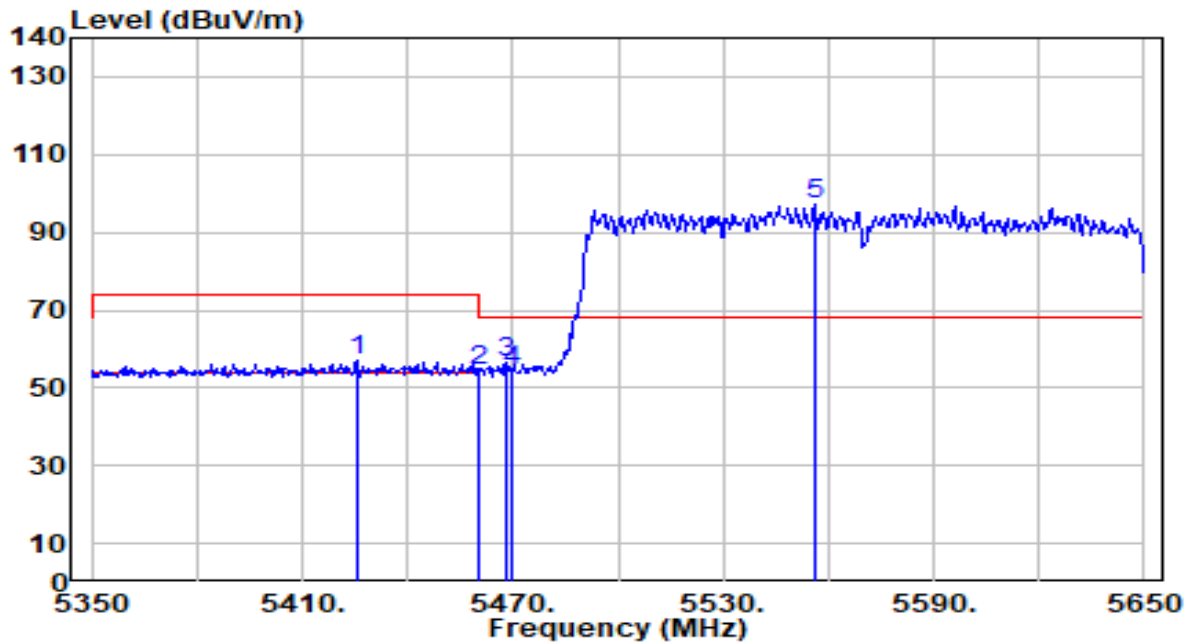


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5148.850	52.43	0.65	53.09	-0.91	54.00	100	236	Average
2	5150.000	50.47	0.65	51.12	-2.88	54.00	100	236	Average
3	5309.850	97.48	0.53	98.01	N/A	N/A	100	236	Average
4	5350.000	52.72	0.47	53.19	-0.81	54.00	100	236	Average
5	* 5420.100	53.39	0.48	53.88	-0.12	54.00	100	236	Average

Note:

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

EUT	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	AC 120V/60Hz

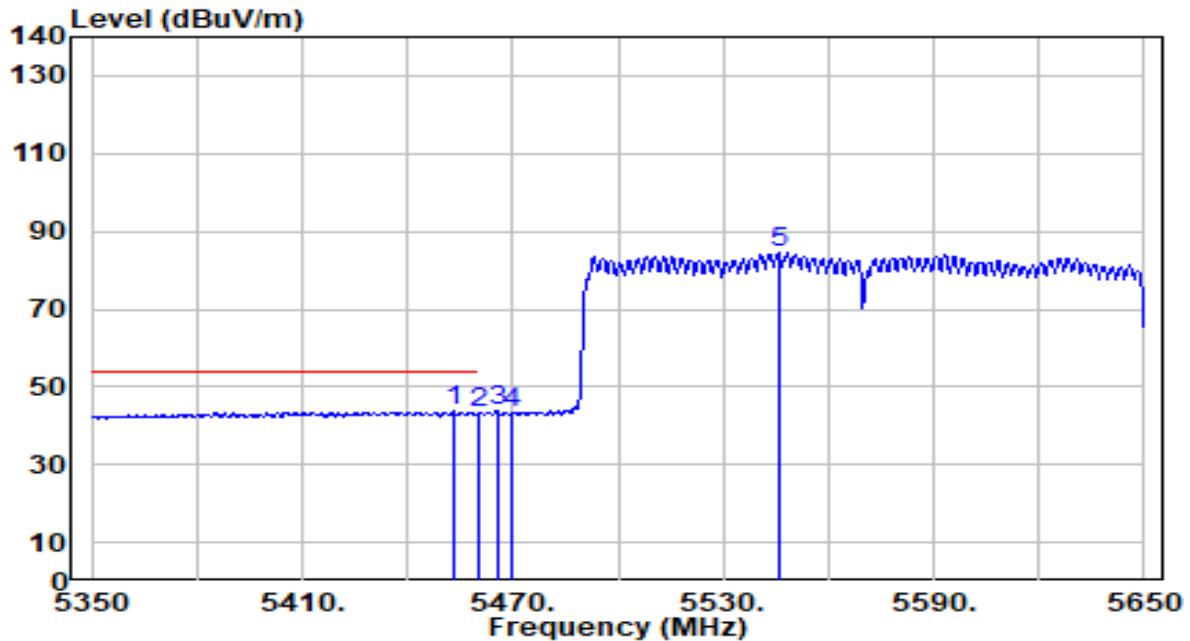


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5425.600	56.70	0.51	57.21	-16.79	74.00	150	92	Peak
2	5460.000	53.58	0.66	54.24	-19.76	74.00	150	92	Peak
3	* 5467.900	55.67	0.70	56.37	-11.83	68.20	150	92	Peak
4	5470.000	53.63	0.71	54.33	-13.87	68.20	150	92	Peak
5	5556.100	96.18	1.10	97.28	N/A	N/A	150	92	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	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	AC 120V/60Hz

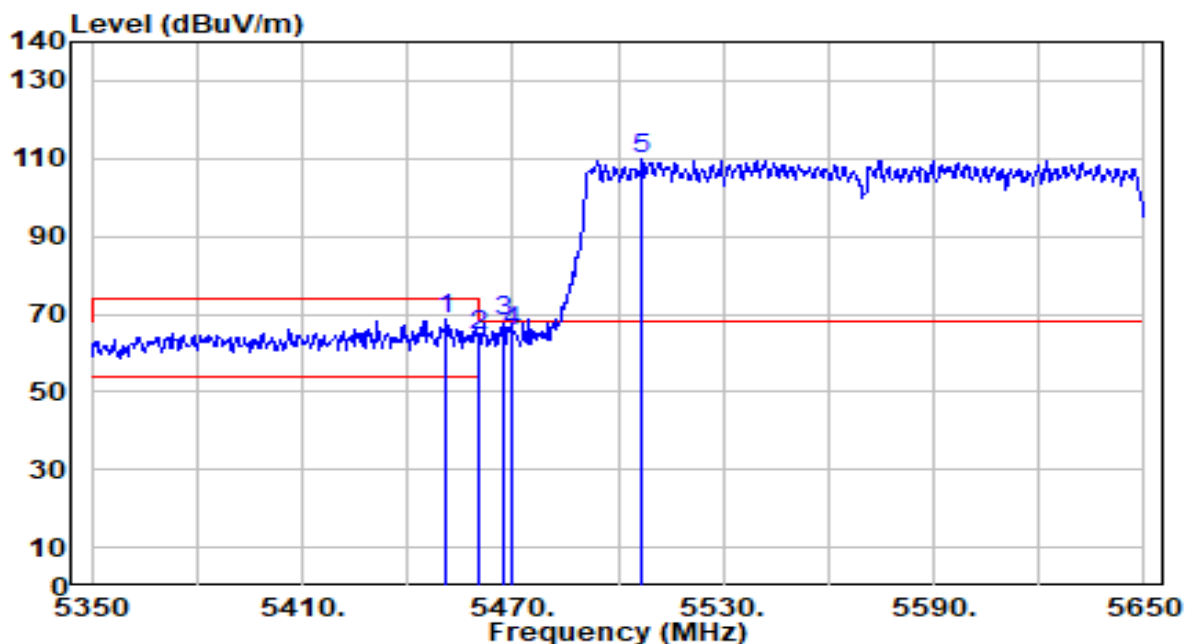


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5452.900	42.97	0.63	43.60	-10.40	54.00	150	92	Average
2		5460.000	42.73	0.66	43.39	-10.61	54.00	150	92	Average
3		5465.500	43.09	0.69	43.77	N/A	N/A	150	92	Average
4		5470.000	42.47	0.71	43.18	N/A	N/A	150	92	Average
5		5545.900	83.59	1.05	84.65	N/A	N/A	150	92	Average

Note:

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

EUT	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	AC 120V/60Hz

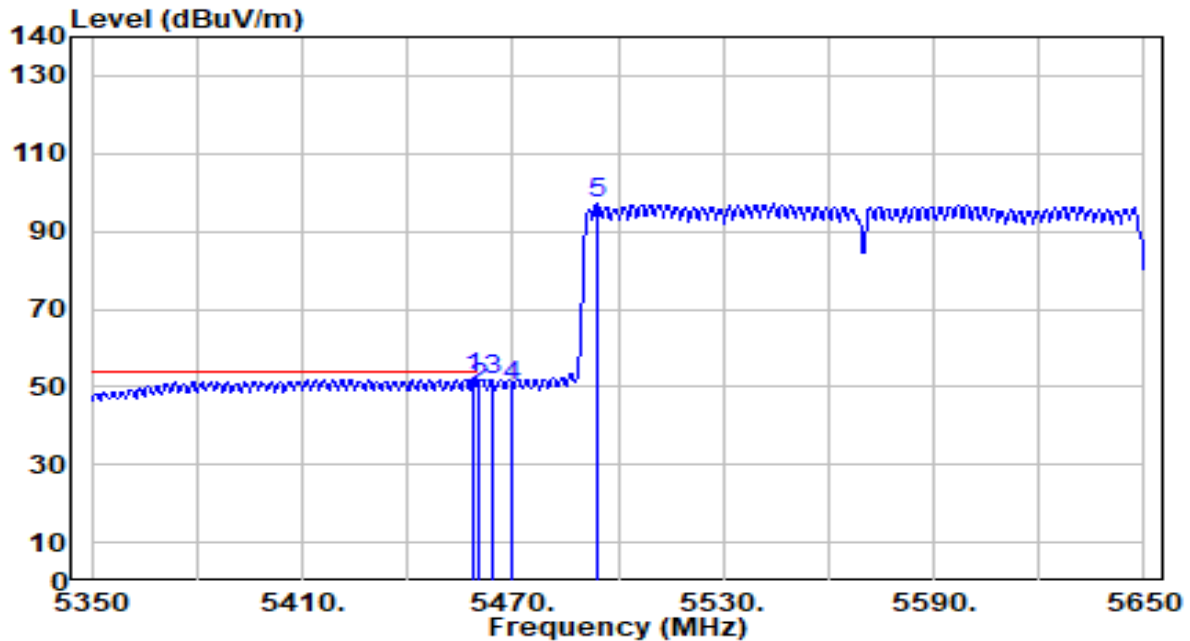


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5450.800	68.31	0.62	68.93	-5.07	74.00	120	328	Peak
2	5460.000	63.64	0.66	64.30	-9.70	74.00	120	328	Peak
3	* 5467.300	67.34	0.69	68.03	-0.17	68.20	120	328	Peak
4	5470.000	64.58	0.71	65.29	-2.91	68.20	120	328	Peak
5	5506.900	108.75	0.87	109.62	N/A	N/A	120	328	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	BE3600 Dual-Band WiFi 7 Router	Date of Test	2025-01-16
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Yang
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5458.900	51.59	0.66	52.25	-1.75	54.00	120	328	Average
2		5460.000	48.88	0.66	49.54	-4.46	54.00	120	328	Average
3		5464.000	51.26	0.68	51.94	N/A	N/A	120	328	Average
4		5470.000	49.33	0.71	50.03	N/A	N/A	120	328	Average
5		5494.000	96.15	0.81	96.96	N/A	N/A	120	328	Average

Note:

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

7.10.AC Conducted Emissions Measurement

7.10.1.Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

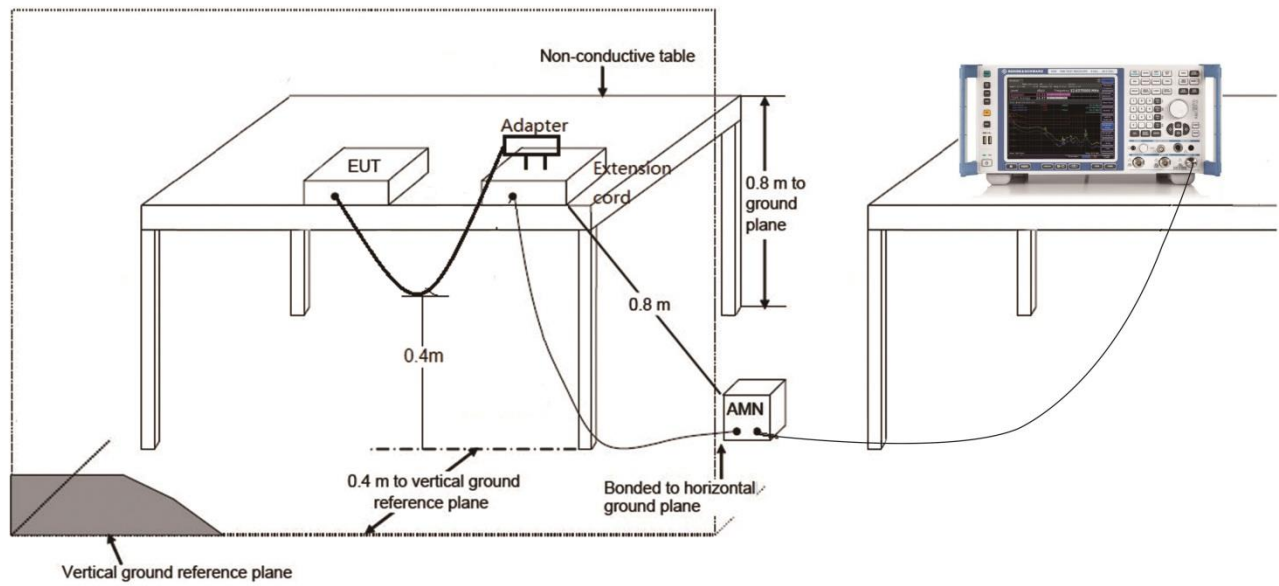
7.10.2.Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

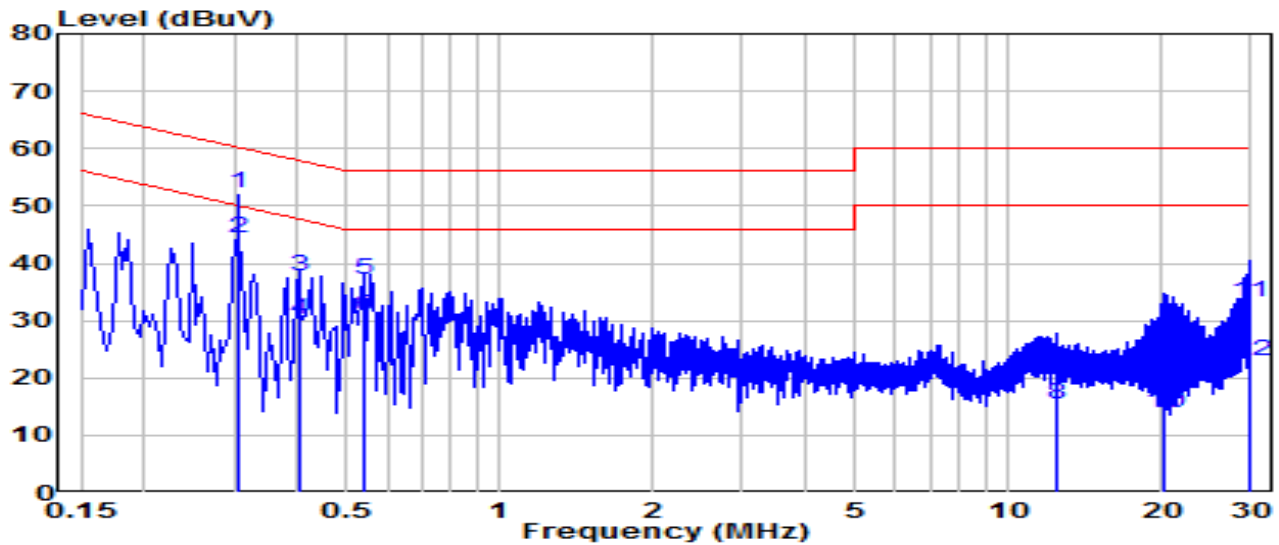
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3. Test Setup



7.10.4.Test Result

EUT	BE3600 Dual-Band Wi-Fi 7 Router	Date of Test	2025-01-08
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	21.4°C /54%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

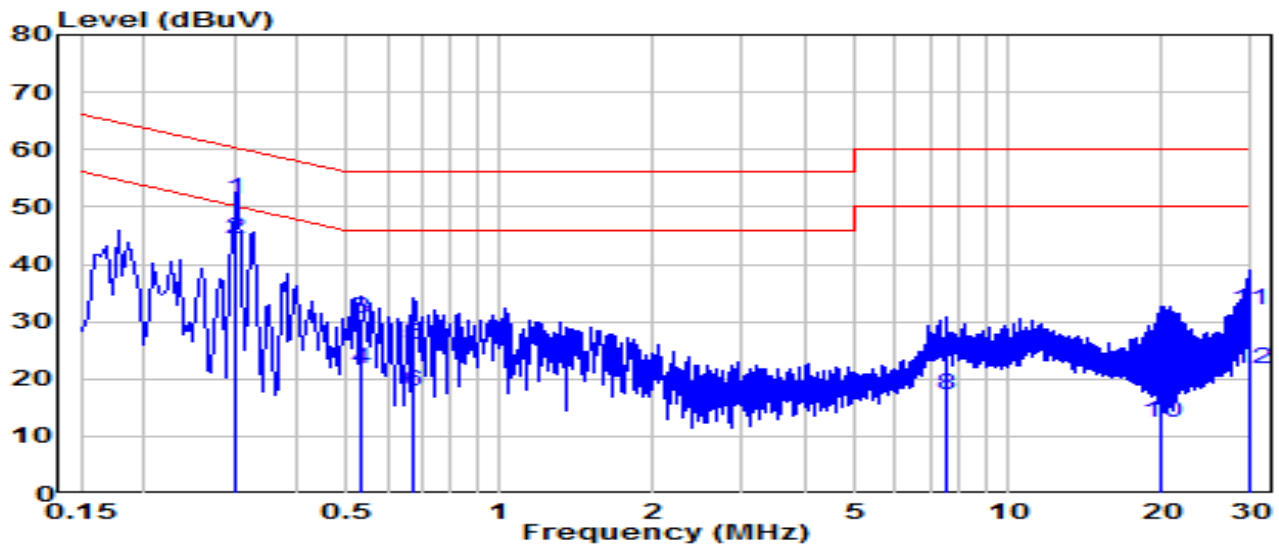


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.307	42.71	9.64	52.35	-7.69	60.04	QP
2	*	0.307	34.81	9.64	44.45	-5.59	50.04	Average
3		0.402	28.10	9.64	37.74	-20.07	57.81	QP
4		0.402	20.44	9.64	30.09	-17.73	47.81	Average
5		0.541	27.45	9.65	37.11	-18.89	56.00	QP
6		0.541	21.16	9.65	30.81	-15.19	46.00	Average
7		12.461	10.73	9.88	20.62	-39.38	60.00	QP
8		12.461	5.54	9.88	15.43	-34.57	50.00	Average
9		20.186	16.28	9.94	26.22	-33.78	60.00	QP
10		20.186	3.96	9.94	13.90	-36.10	50.00	Average
11		29.744	23.17	9.93	33.10	-26.90	60.00	QP
12		29.744	12.88	9.93	22.81	-27.19	50.00	Average

Note:

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

EUT	BE3600 Dual-Band Wi-Fi 7 Router	Date of Test	2025-01-08
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	21.4°C /54%
Polarity	Neutral	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.303	41.80	9.64	51.44	-8.72	60.16	QP
2	*	0.303	34.65	9.64	44.29	-5.87	50.16	Average
3		0.532	20.96	9.65	30.61	-25.39	56.00	QP
4		0.532	12.08	9.65	21.73	-24.27	46.00	Average
5		0.676	16.32	9.66	25.99	-30.01	56.00	QP
6		0.676	8.29	9.66	17.95	-28.05	46.00	Average
7		7.520	13.76	9.82	23.59	-36.41	60.00	QP
8		7.520	7.43	9.82	17.25	-32.75	50.00	Average
9		19.894	14.30	10.00	24.30	-35.70	60.00	QP
10		19.894	2.44	10.00	12.44	-37.56	50.00	Average
11		29.865	21.99	10.06	32.05	-27.95	60.00	QP
12		29.865	11.78	10.06	21.84	-28.16	50.00	Average

Note:

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

Appendix A : Test Setup Photograph

Refer to “2412TW0120-UT” file.

Appendix B : EUT Photograph

Refer to “2412TW0120-UE” file.

Appendix C : Internal Photograph

Refer to “2412TW0120-UI” file.

_____ The End _____