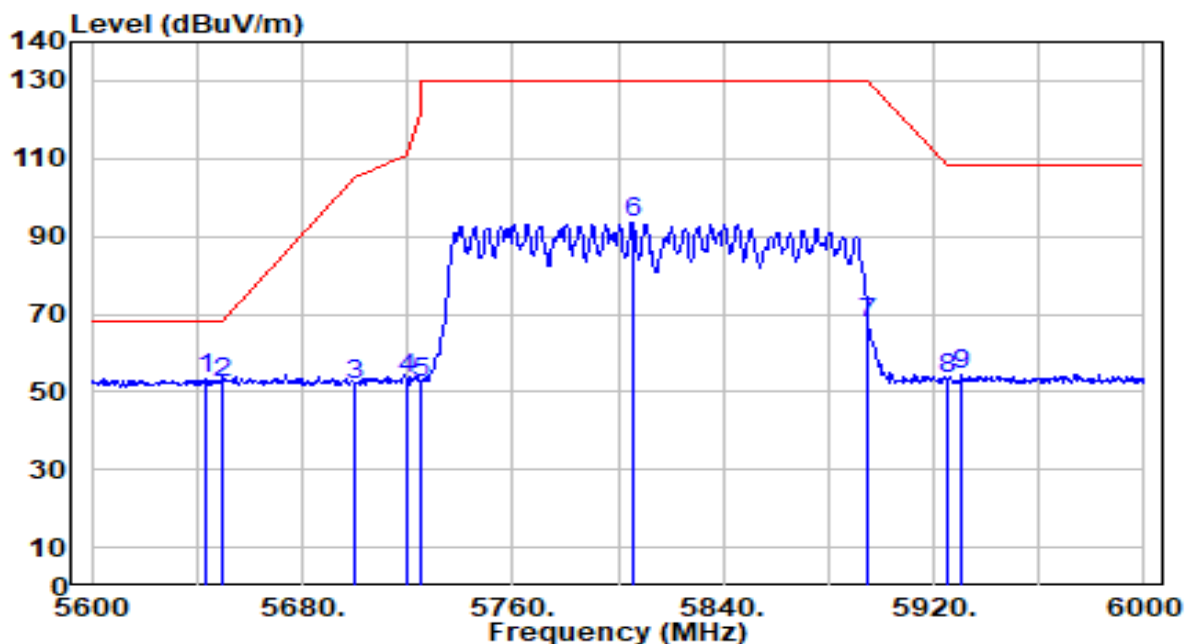


EUT	BE6500 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-02-08
Factor	DRH18-E	Temp. / Humidity	23°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Yang
Test Mode	802.11ac-160MHz_TX_Band4_CH 163_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

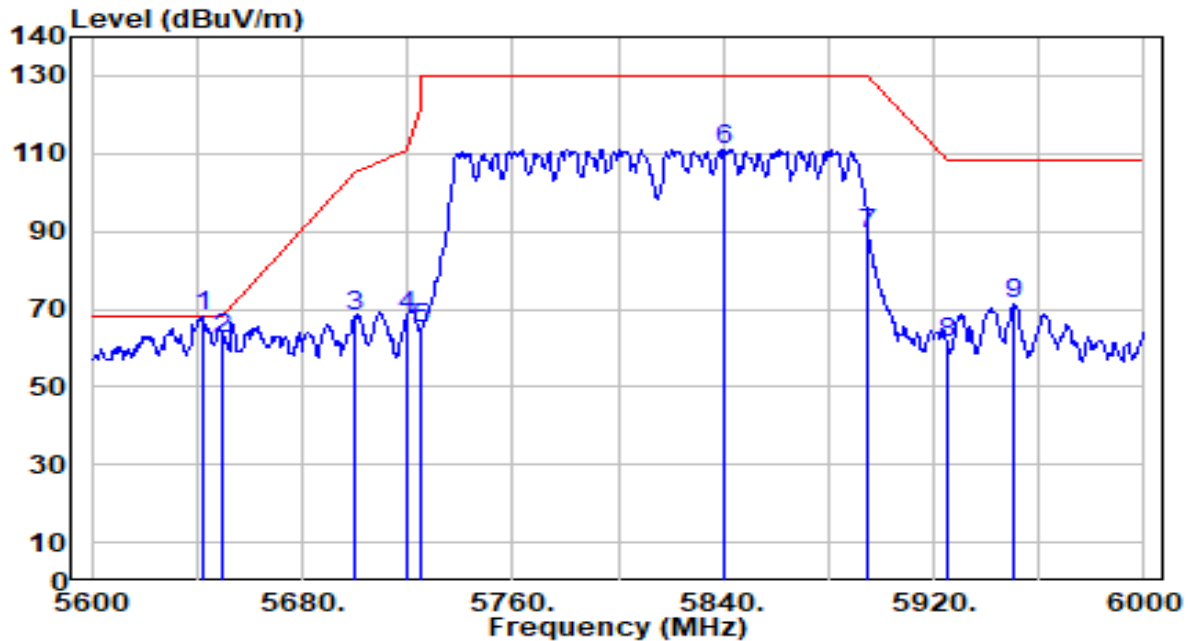


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5643.200	51.87	1.51	53.38	-14.82	68.20	100	337	Peak
2		5650.000	50.82	1.54	52.37	-15.83	68.20	100	337	Peak
3		5700.000	50.22	1.78	52.00	-53.20	105.20	100	337	Peak
4		5720.000	51.37	1.87	53.24	-57.56	110.80	100	337	Peak
5		5725.000	50.57	1.89	52.46	-69.74	122.20	100	337	Peak
6		5805.600	91.21	2.25	93.46	N/A	N/A	100	337	Peak
7		5895.000	65.57	2.26	67.83	-62.37	130.20	100	337	Peak
8		5925.000	51.23	2.27	53.49	-54.71	108.20	100	337	Peak
9		5930.800	52.38	2.27	54.65	-53.55	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-160MHz_TX_Band4_CH 163_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

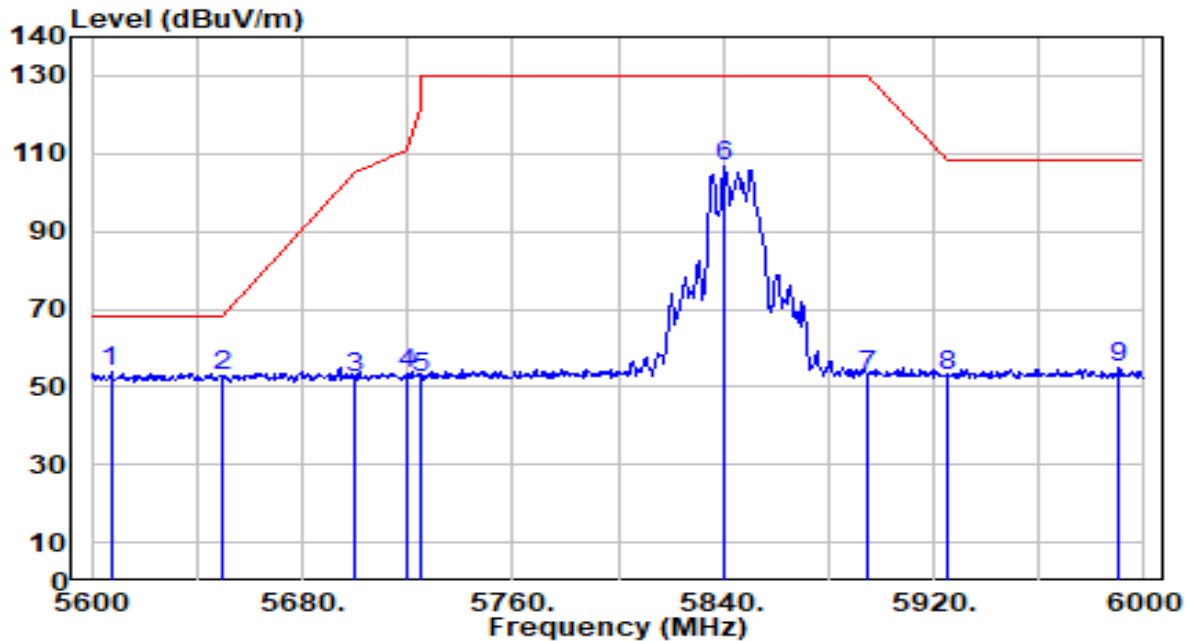


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.400	66.45	1.51	67.96	-0.24	68.20	150	160	Peak
2		5650.000	60.83	1.54	62.38	-5.82	68.20	150	160	Peak
3		5700.000	66.16	1.78	67.94	-37.26	105.20	150	160	Peak
4		5720.000	66.31	1.87	68.18	-42.62	110.80	150	160	Peak
5		5725.000	63.16	1.89	65.05	-57.15	122.20	150	160	Peak
6		5840.800	108.75	2.25	111.00	N/A	N/A	150	160	Peak
7		5895.000	87.15	2.26	89.41	-40.79	130.20	150	160	Peak
8		5925.000	59.27	2.27	61.54	-46.66	108.20	150	160	Peak
9		5950.800	68.86	2.27	71.13	-37.07	108.20	150	160	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 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	802.11ax-20MHz_TX_Band4_CH 169_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

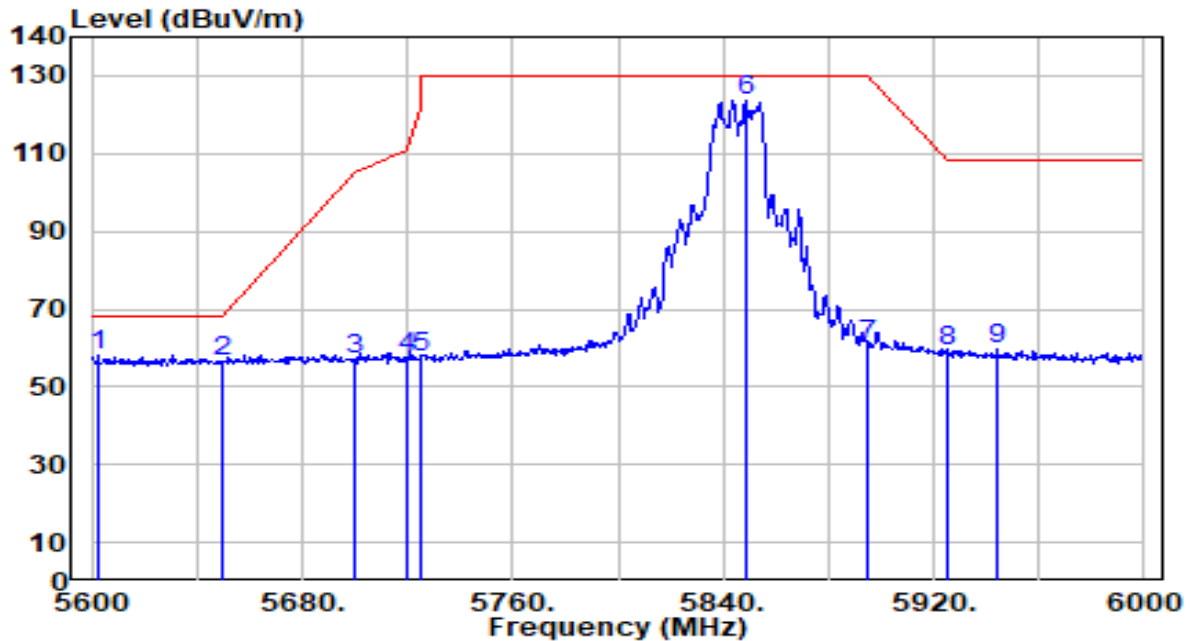


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5607.200	52.34	1.34	53.68	-14.52	68.20	100	336	Peak
2		5650.000	51.42	1.54	52.96	-15.24	68.20	100	336	Peak
3		5700.000	50.70	1.78	52.47	-52.73	105.20	100	336	Peak
4		5720.000	51.24	1.87	53.11	-57.69	110.80	100	336	Peak
5		5725.000	50.51	1.89	52.40	-69.80	122.20	100	336	Peak
6		5840.800	104.26	2.25	106.51	N/A	N/A	100	336	Peak
7		5895.000	50.77	2.26	53.04	-77.16	130.20	100	336	Peak
8		5925.000	50.58	2.27	52.84	-55.36	108.20	100	336	Peak
9		5990.400	52.45	2.28	54.73	-53.47	108.20	100	336	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	802.11ax-20MHz_TX_Band4_CH 169_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

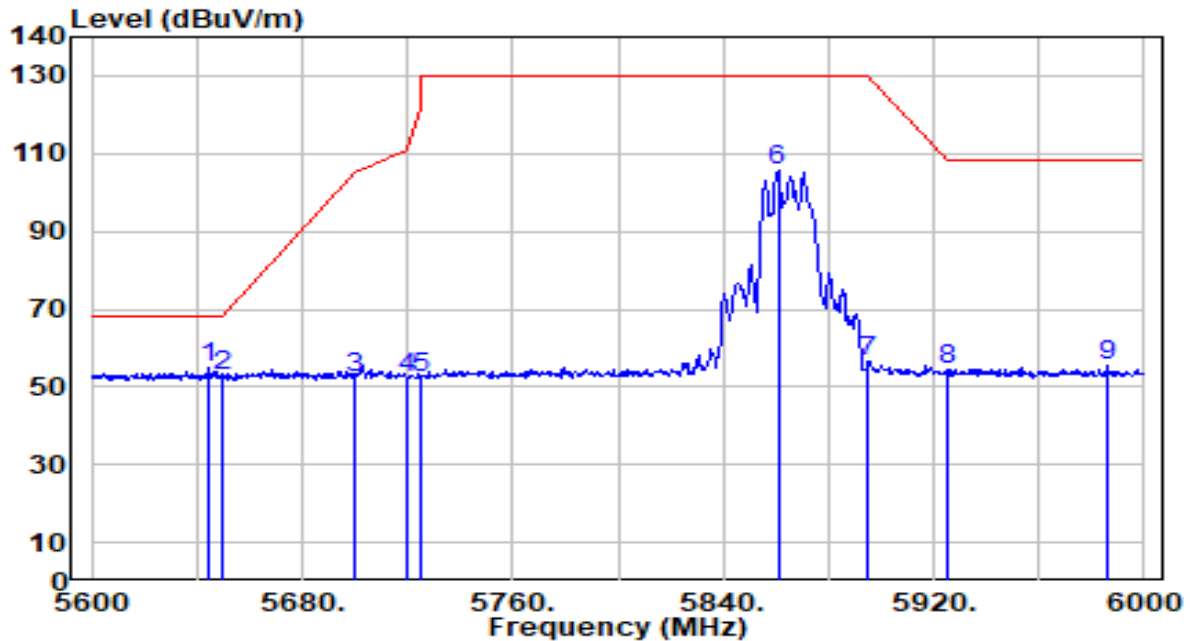


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5602.400	56.82	1.32	58.14	-10.06	68.20	188	159	Peak
2		5650.000	54.92	1.54	56.47	-11.73	68.20	188	159	Peak
3		5700.000	55.09	1.78	56.87	-48.33	105.20	188	159	Peak
4		5720.000	55.96	1.87	57.83	-52.97	110.80	188	159	Peak
5		5725.000	55.63	1.89	57.52	-64.68	122.20	188	159	Peak
6		5848.400	121.55	2.25	123.80	N/A	N/A	188	159	Peak
7		5895.000	58.32	2.26	60.58	-69.62	130.20	188	159	Peak
8		5925.000	57.00	2.27	59.27	-48.93	108.20	188	159	Peak
9		5944.400	57.19	2.27	59.46	-48.74	108.20	188	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.

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

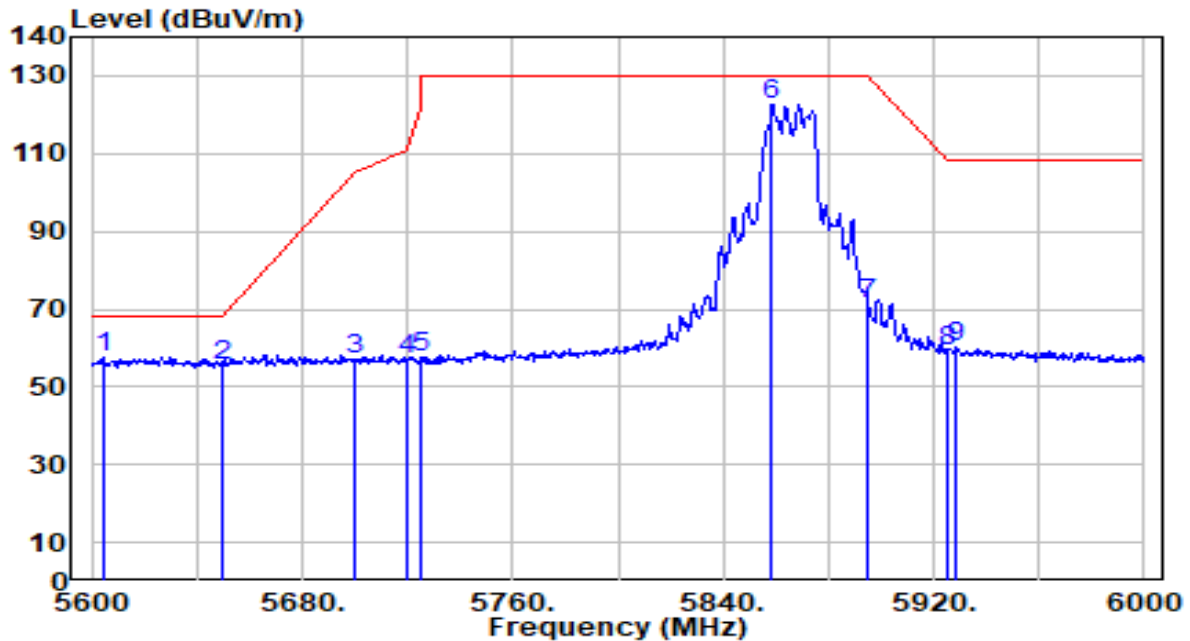


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5644.000	53.19	1.51	54.70	-13.50	68.20	100	336	Peak
2		5650.000	51.27	1.54	52.81	-15.39	68.20	100	336	Peak
3		5700.000	50.73	1.78	52.51	-52.69	105.20	100	336	Peak
4		5720.000	50.59	1.87	52.46	-58.34	110.80	100	336	Peak
5		5725.000	50.59	1.89	52.48	-69.72	122.20	100	336	Peak
6		5860.800	103.22	2.25	105.47	N/A	N/A	100	336	Peak
7		5895.000	54.35	2.26	56.61	-73.59	130.20	100	336	Peak
8		5925.000	52.32	2.27	54.59	-53.61	108.20	100	336	Peak
9		5986.000	53.06	2.28	55.34	-52.86	108.20	100	336	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- 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

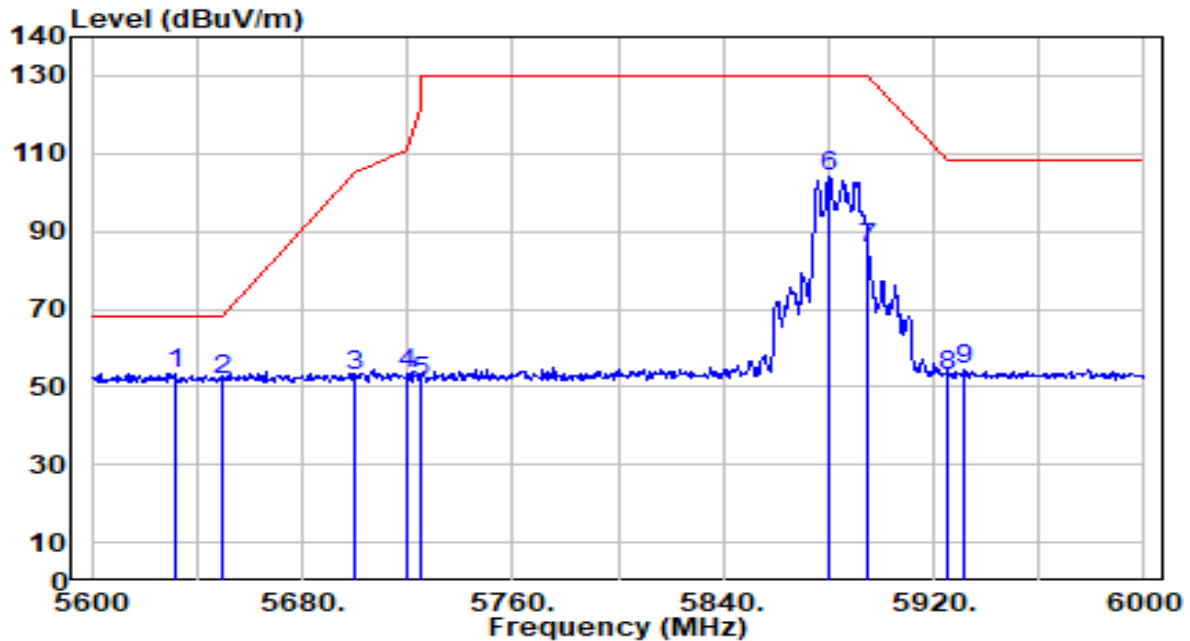


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5604.800	56.35	1.33	57.68	-10.52	68.20	182	158	Peak
2		5650.000	54.12	1.54	55.66	-12.54	68.20	182	158	Peak
3		5700.000	55.26	1.78	57.04	-48.16	105.20	182	158	Peak
4		5720.000	55.03	1.87	56.90	-53.90	110.80	182	158	Peak
5		5725.000	55.81	1.89	57.70	-64.50	122.20	182	158	Peak
6		5858.400	120.44	2.25	122.69	N/A	N/A	182	158	Peak
7		5895.000	69.30	2.26	71.56	-58.64	130.20	182	158	Peak
8		5925.000	56.87	2.27	59.13	-49.07	108.20	182	158	Peak
9		5928.800	57.83	2.27	60.10	-48.10	108.20	182	158	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	802.11ax-20MHz_TX_Band4_CH 177_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

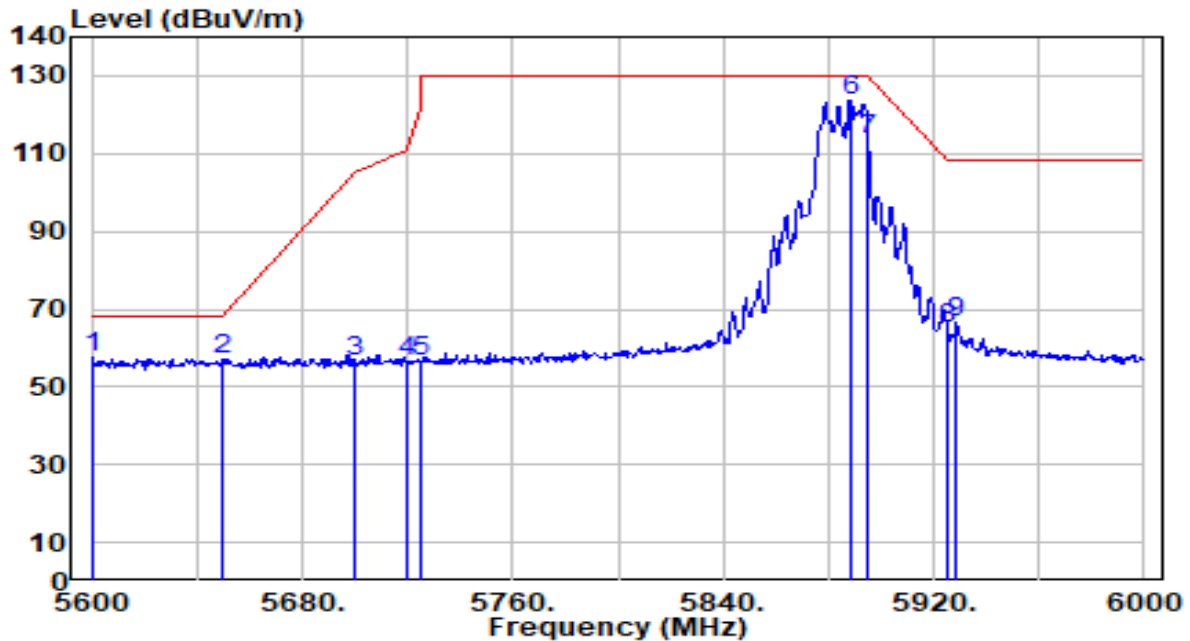


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5631.600	51.95	1.46	53.41	-14.79	68.20	100	336	Peak
2		5650.000	50.40	1.54	51.94	-16.26	68.20	100	336	Peak
3		5700.000	51.09	1.78	52.87	-52.33	105.20	100	336	Peak
4		5720.000	51.35	1.87	53.22	-57.58	110.80	100	336	Peak
5		5725.000	49.55	1.89	51.44	-70.76	122.20	100	336	Peak
6		5880.000	101.66	2.26	103.92	N/A	N/A	100	336	Peak
7		5895.000	83.59	2.26	85.85	-44.35	130.20	100	336	Peak
8		5925.000	50.61	2.27	52.88	-55.32	108.20	100	336	Peak
9		5931.200	52.25	2.27	54.51	-53.69	108.20	100	336	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	802.11ax-20MHz_TX_Band4_CH 177_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

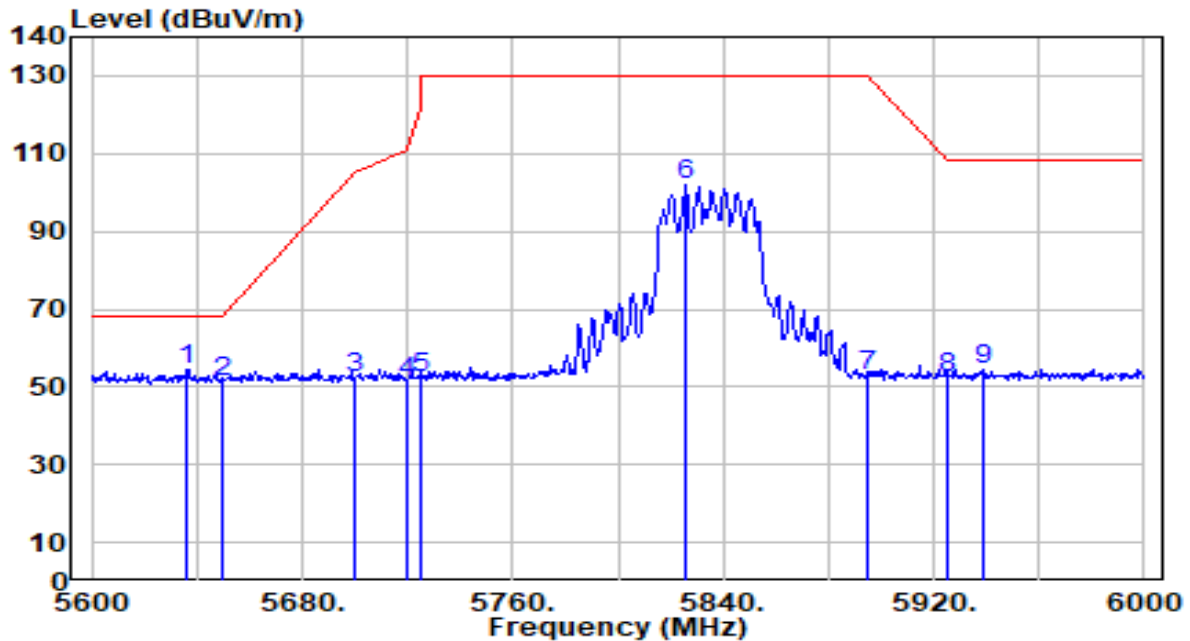


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5600.400	56.41	1.31	57.72	-10.48	68.20	178	159	Peak
2		5650.000	55.63	1.54	57.17	-11.03	68.20	178	159	Peak
3		5700.000	54.53	1.78	56.31	-48.89	105.20	178	159	Peak
4		5720.000	54.74	1.87	56.61	-54.19	110.80	178	159	Peak
5		5725.000	54.61	1.89	56.50	-65.70	122.20	178	159	Peak
6		5888.400	121.42	2.26	123.68	N/A	N/A	178	159	Peak
7		5895.000	111.16	2.26	113.42	-16.78	130.20	178	159	Peak
8		5925.000	62.80	2.27	65.07	-43.13	108.20	178	159	Peak
9		5928.800	64.30	2.27	66.57	-41.63	108.20	178	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.

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

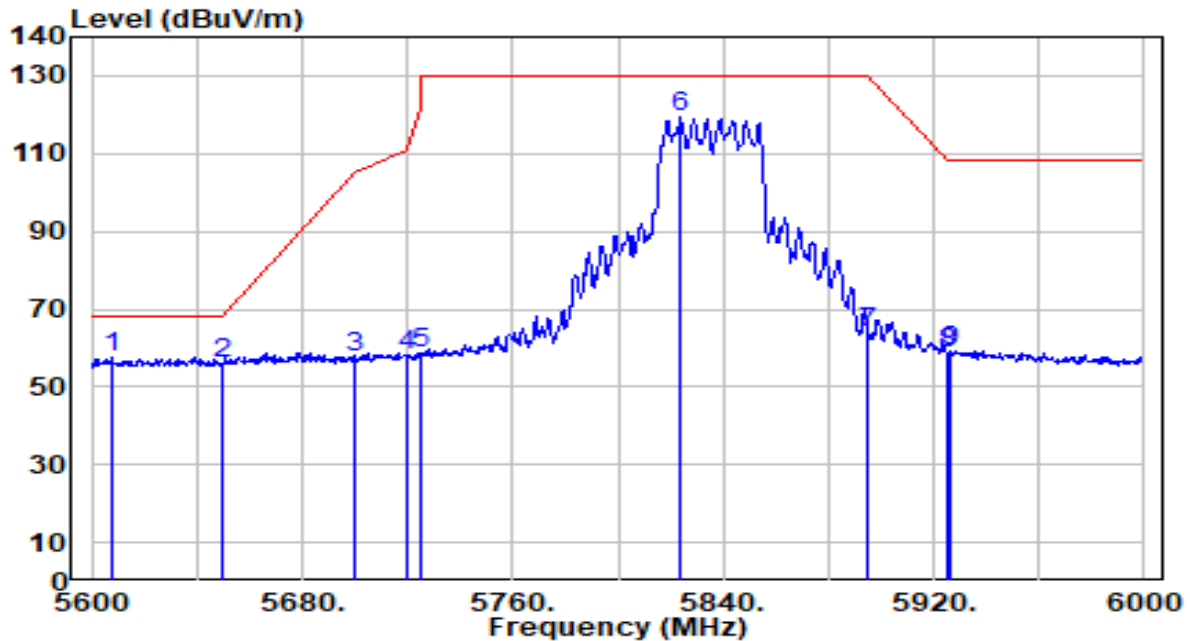


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5636.400	52.80	1.48	54.28	-13.92	68.20	100	336	Peak
2		5650.000	49.82	1.54	51.36	-16.84	68.20	100	336	Peak
3		5700.000	50.54	1.78	52.31	-52.89	105.20	100	336	Peak
4		5720.000	49.52	1.87	51.39	-59.41	110.80	100	336	Peak
5		5725.000	50.20	1.89	52.09	-70.11	122.20	100	336	Peak
6		5826.000	99.67	2.25	101.92	N/A	N/A	100	336	Peak
7		5895.000	50.68	2.26	52.94	-77.26	130.20	100	336	Peak
8		5925.000	49.98	2.27	52.25	-55.95	108.20	100	336	Peak
9		5938.400	52.19	2.27	54.46	-53.74	108.20	100	336	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	802.11ax-40MHz_TX_Band4_CH 167_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

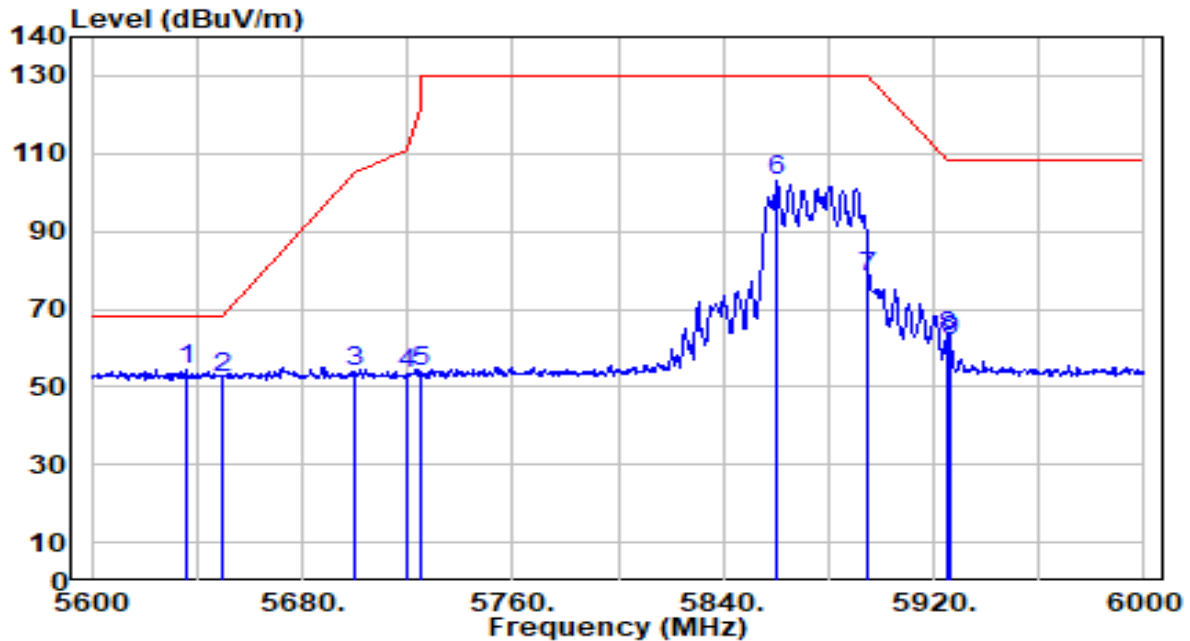


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5607.600	56.20	1.34	57.55	-10.65	68.20	149	159	Peak
2		5650.000	54.56	1.54	56.10	-12.10	68.20	149	159	Peak
3		5700.000	55.98	1.78	57.75	-47.45	105.20	149	159	Peak
4		5720.000	56.49	1.87	58.36	-52.44	110.80	149	159	Peak
5		5725.000	56.64	1.89	58.53	-63.67	122.20	149	159	Peak
6		5824.000	117.02	2.25	119.27	N/A	N/A	149	159	Peak
7		5895.000	61.83	2.26	64.09	-66.11	130.20	149	159	Peak
8		5925.000	56.45	2.27	58.72	-49.48	108.20	149	159	Peak
9		5926.400	57.03	2.27	59.30	-48.90	108.20	149	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.

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

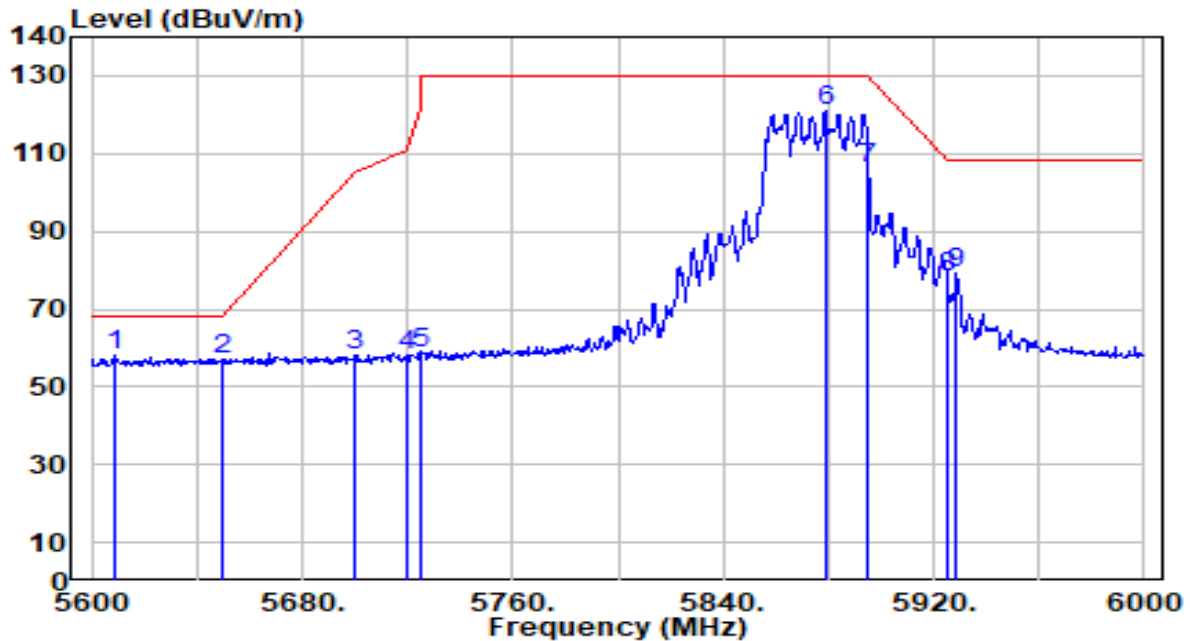


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5635.600	53.17	1.47	54.65	-13.55	68.20	100	313	Peak
2		5650.000	50.99	1.54	52.53	-15.67	68.20	100	313	Peak
3		5700.000	52.22	1.78	54.00	-51.20	105.20	100	313	Peak
4		5720.000	51.49	1.87	53.36	-57.44	110.80	100	313	Peak
5		5725.000	51.82	1.89	53.71	-68.49	122.20	100	313	Peak
6		5860.400	100.54	2.25	102.80	N/A	N/A	100	313	Peak
7		5895.000	75.94	2.26	78.20	-52.00	130.20	100	313	Peak
8		5925.000	60.41	2.27	62.68	-45.52	108.20	100	313	Peak
9		5926.400	59.35	2.27	61.62	-46.58	108.20	100	313	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	802.11ax-40MHz_TX_Band4_CH 175_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

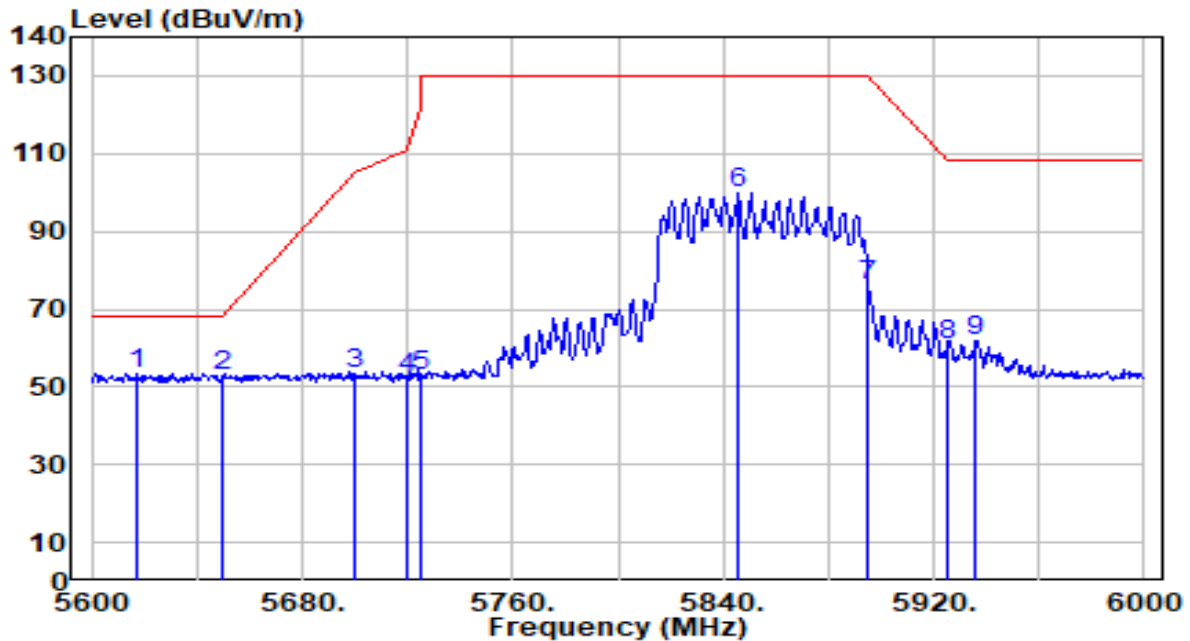


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5608.400	56.55	1.35	57.89	-10.31	68.20	192	160	Peak
2		5650.000	55.56	1.54	57.10	-11.10	68.20	192	160	Peak
3		5700.000	56.41	1.78	58.19	-47.01	105.20	192	160	Peak
4		5720.000	56.11	1.87	57.98	-52.82	110.80	192	160	Peak
5		5725.000	56.91	1.89	58.81	-63.39	122.20	192	160	Peak
6		5878.800	118.63	2.26	120.89	N/A	N/A	192	160	Peak
7		5895.000	103.75	2.26	106.01	-24.19	130.20	192	160	Peak
8		5925.000	75.94	2.27	78.21	-29.99	108.20	192	160	Peak
9		5928.800	76.75	2.27	79.01	-29.19	108.20	192	160	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 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	802.11ax-80MHz_TX_Band4_CH 171_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

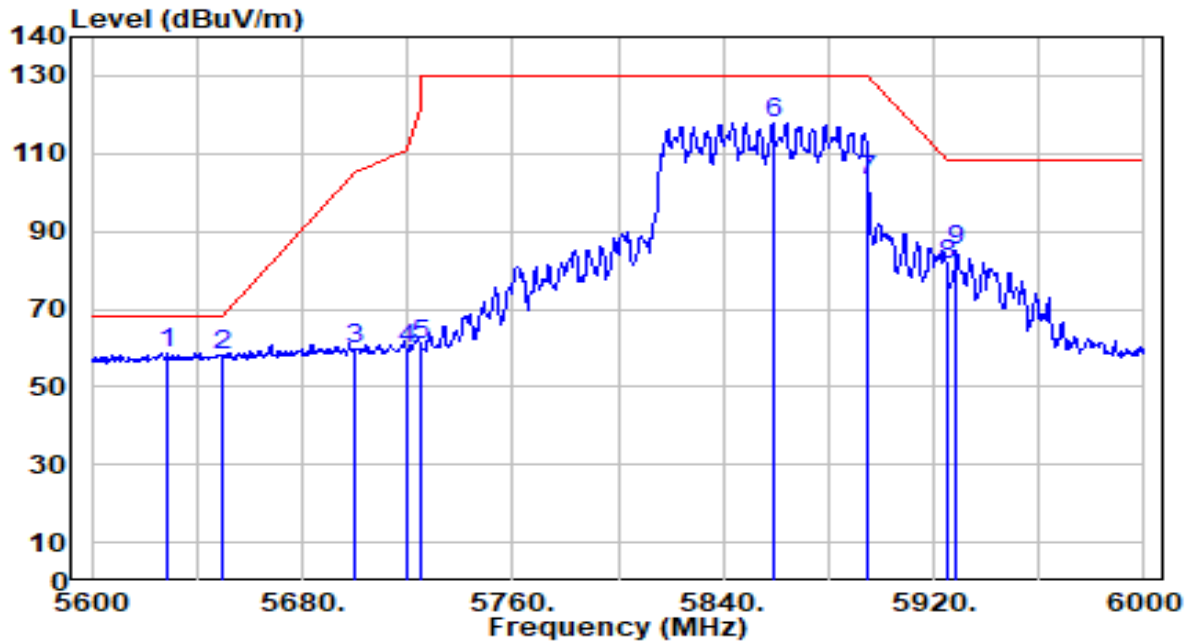


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5617.600	52.16	1.39	53.55	-14.65	68.20	100	336	Peak
2		5650.000	51.54	1.54	53.08	-15.12	68.20	100	336	Peak
3		5700.000	51.72	1.78	53.49	-51.71	105.20	100	336	Peak
4		5720.000	50.47	1.87	52.34	-58.46	110.80	100	336	Peak
5		5725.000	51.00	1.89	52.89	-69.31	122.20	100	336	Peak
6		5845.600	97.84	2.25	100.10	N/A	N/A	100	336	Peak
7		5895.000	74.07	2.26	76.33	-53.87	130.20	100	336	Peak
8		5925.000	58.66	2.27	60.92	-47.28	108.20	100	336	Peak
9		5936.000	59.55	2.27	61.81	-46.39	108.20	100	336	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	802.11ax-80MHz_TX_Band4_CH 171_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

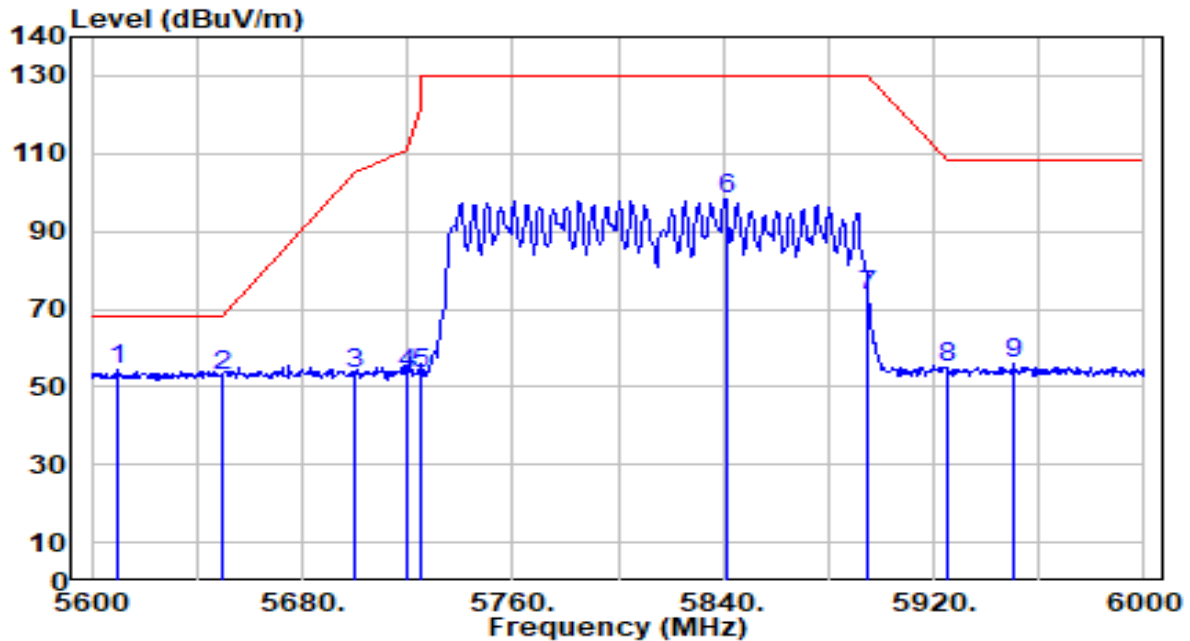


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5628.400	57.37	1.44	58.81	-9.39	68.20	160	159	Peak
2		5650.000	56.44	1.54	57.99	-10.22	68.20	160	159	Peak
3		5700.000	58.10	1.78	59.88	-45.32	105.20	160	159	Peak
4		5720.000	57.63	1.87	59.50	-51.30	110.80	160	159	Peak
5		5725.000	59.02	1.89	60.91	-61.29	122.20	160	159	Peak
6		5858.800	115.75	2.25	118.01	N/A	N/A	160	159	Peak
7		5895.000	100.87	2.26	103.13	-27.07	130.20	160	159	Peak
8		5925.000	79.15	2.27	81.42	-26.78	108.20	160	159	Peak
9		5928.800	82.83	2.27	85.10	-23.10	108.20	160	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.

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

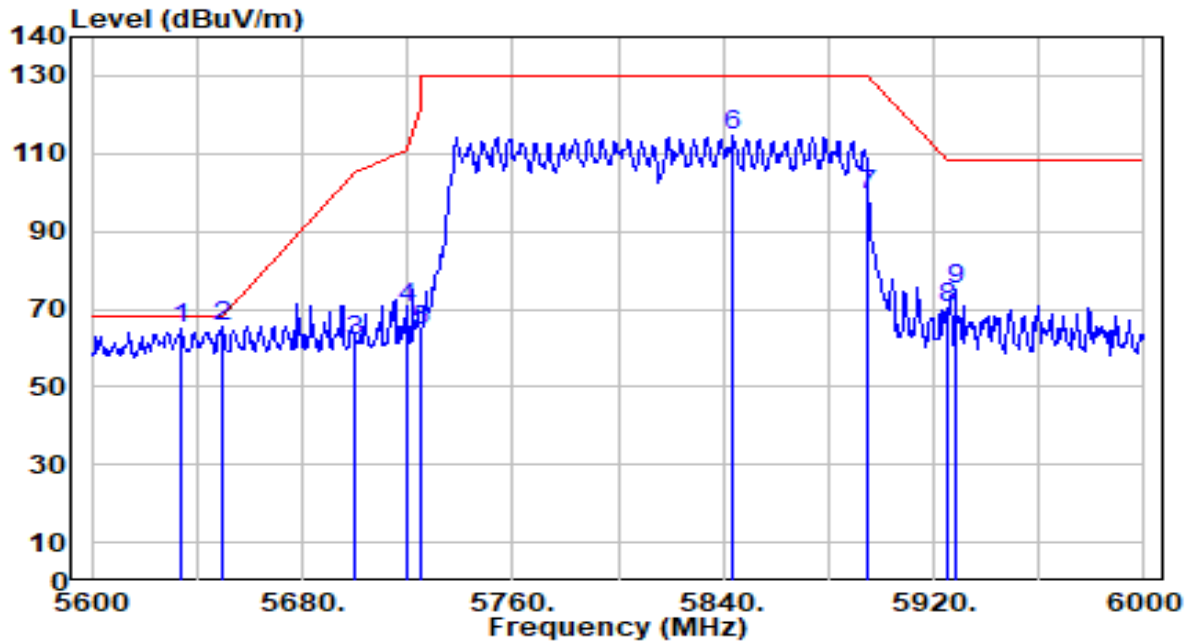


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5610.000	52.88	1.35	54.24	-13.96	68.20	100	336	Peak
2		5650.000	51.04	1.54	52.58	-15.62	68.20	100	336	Peak
3		5700.000	51.68	1.78	53.45	-51.75	105.20	100	336	Peak
4		5720.000	51.74	1.87	53.60	-57.20	110.80	100	336	Peak
5		5725.000	51.52	1.89	53.41	-68.79	122.20	100	336	Peak
6		5841.200	96.19	2.25	98.44	N/A	N/A	100	336	Peak
7		5895.000	71.01	2.26	73.27	-56.93	130.20	100	336	Peak
8		5925.000	52.93	2.27	55.20	-53.00	108.20	100	336	Peak
9		5950.400	53.57	2.27	55.84	-52.36	108.20	100	336	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	802.11ax-160MHz_TX_Band4_CH 163_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

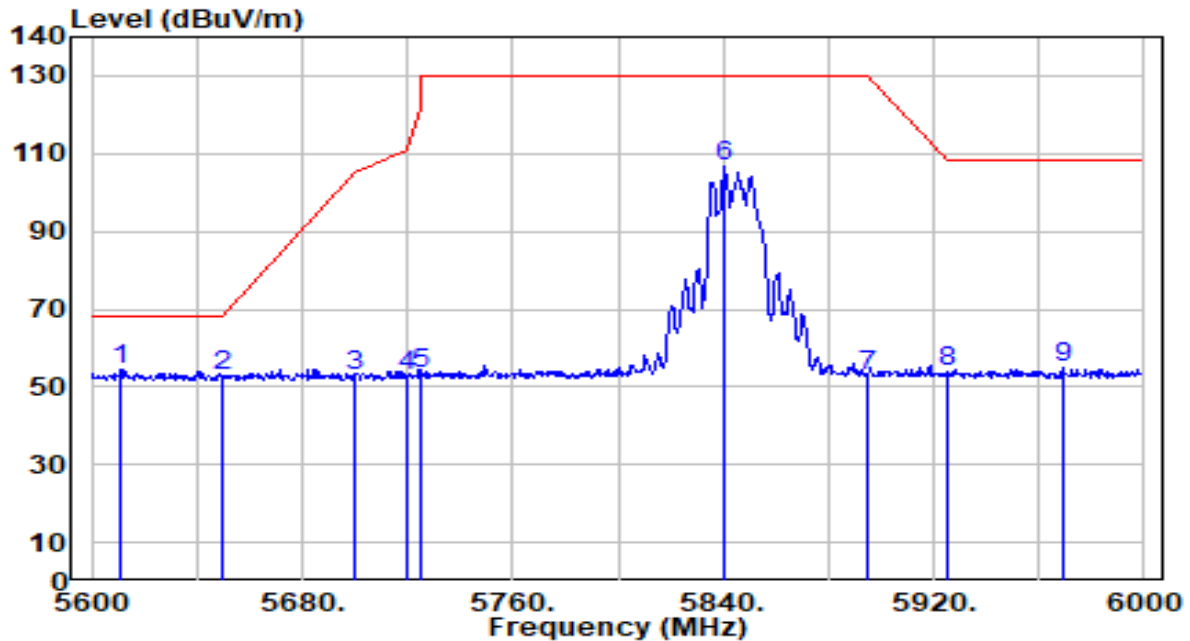


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5634.000	63.39	1.47	64.86	-3.34	68.20	122	158	Peak
2	*	5650.000	64.17	1.54	65.72	-2.48	68.20	122	158	Peak
3		5700.000	60.13	1.78	61.90	-43.30	105.20	122	158	Peak
4		5720.000	68.64	1.87	70.51	-40.29	110.80	122	158	Peak
5		5725.000	62.56	1.89	64.45	-57.75	122.20	122	158	Peak
6		5843.600	112.55	2.25	114.81	N/A	N/A	122	158	Peak
7		5895.000	96.96	2.26	99.22	-30.98	130.20	122	158	Peak
8		5925.000	68.26	2.27	70.52	-37.68	108.20	122	158	Peak
9		5928.400	72.76	2.27	75.02	-33.18	108.20	122	158	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	802.11be-20MHz_TX_Band4_CH 169_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

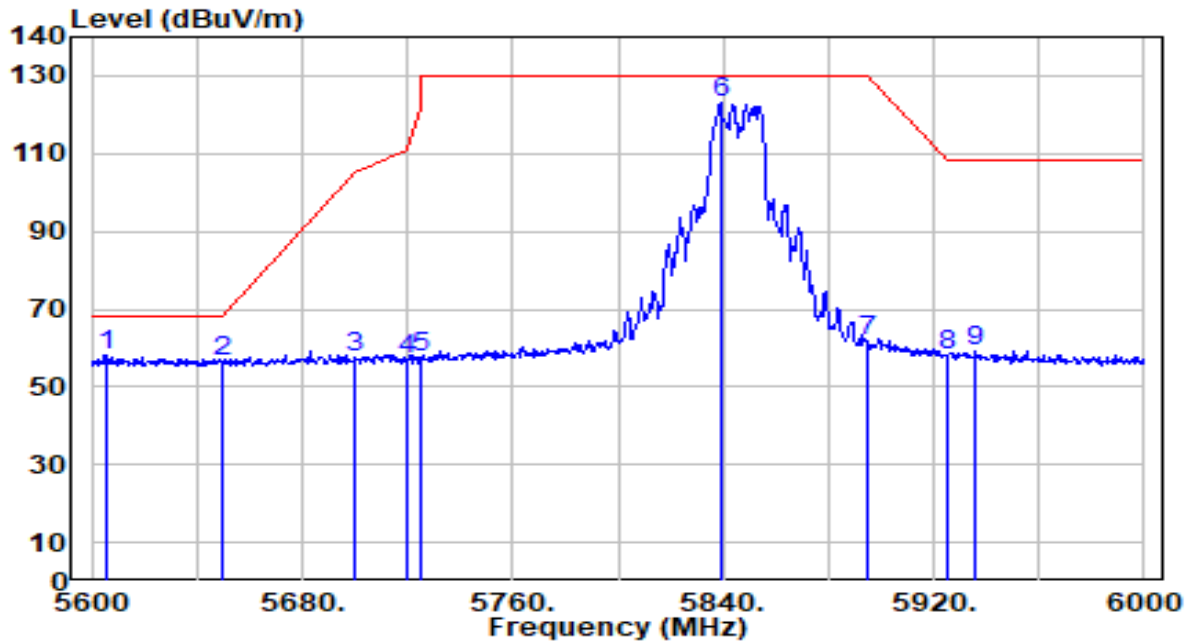


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5611.200	52.89	1.36	54.25	-13.95	68.20	100	336	Peak
2		5650.000	51.14	1.54	52.68	-15.52	68.20	100	336	Peak
3		5700.000	51.09	1.78	52.86	-52.34	105.20	100	336	Peak
4		5720.000	51.07	1.87	52.94	-57.86	110.80	100	336	Peak
5		5725.000	51.66	1.89	53.55	-68.65	122.20	100	336	Peak
6		5840.800	104.62	2.25	106.87	N/A	N/A	100	336	Peak
7		5895.000	50.56	2.26	52.83	-77.37	130.20	100	336	Peak
8		5925.000	51.62	2.27	53.89	-54.31	108.20	100	336	Peak
9		5968.800	52.71	2.27	54.98	-53.22	108.20	100	336	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	802.11be-20MHz_TX_Band4_CH 169_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

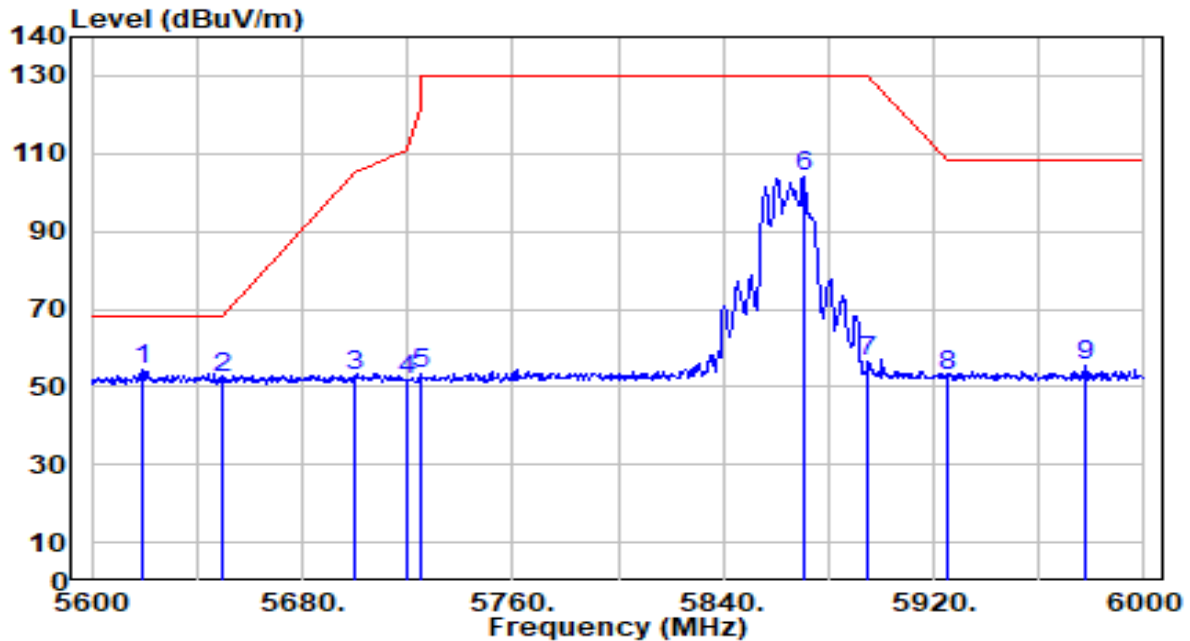


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5605.200	56.60	1.33	57.93	-10.27	68.20	166	160	Peak
2		5650.000	54.85	1.54	56.40	-11.80	68.20	166	160	Peak
3		5700.000	55.55	1.78	57.33	-47.87	105.20	166	160	Peak
4		5720.000	55.14	1.87	57.01	-53.79	110.80	166	160	Peak
5		5725.000	55.59	1.89	57.48	-64.72	122.20	166	160	Peak
6		5839.200	120.98	2.25	123.24	N/A	N/A	166	160	Peak
7		5895.000	59.74	2.26	62.00	-68.20	130.20	166	160	Peak
8		5925.000	55.81	2.27	58.08	-50.12	108.20	166	160	Peak
9		5935.600	56.85	2.27	59.12	-49.08	108.20	166	160	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 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	802.11be-20MHz_TX_Band4_CH 173_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

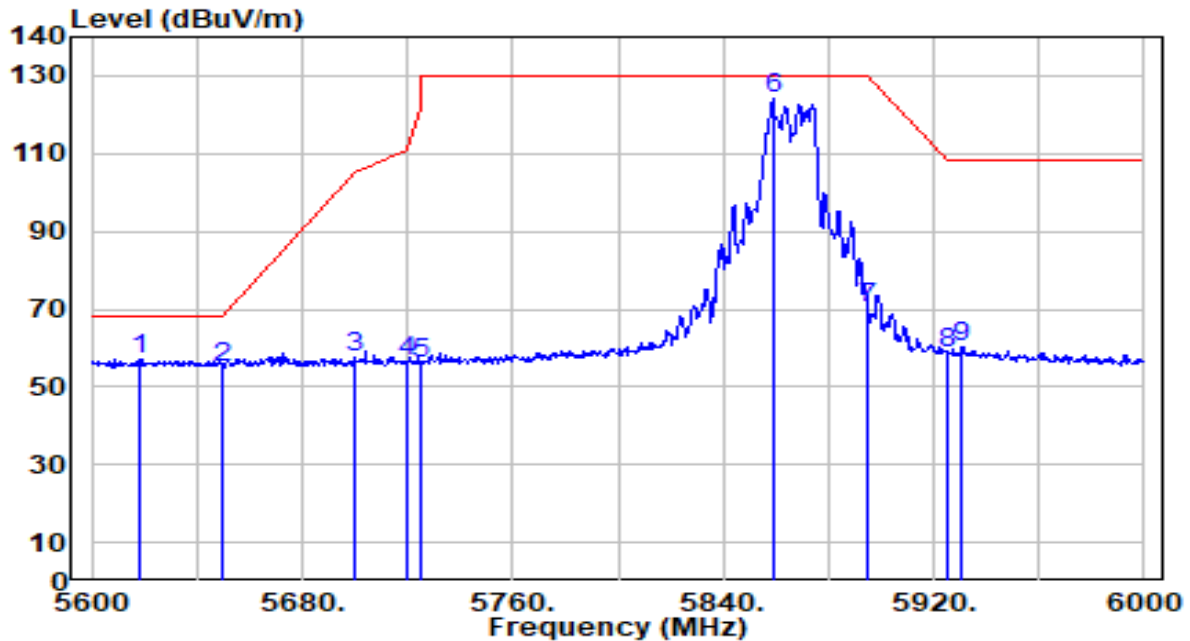


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5619.200	52.80	1.40	54.20	-14.00	68.20	100	337	Peak
2		5650.000	50.63	1.54	52.18	-16.02	68.20	100	337	Peak
3		5700.000	51.23	1.78	53.01	-52.19	105.20	100	337	Peak
4		5720.000	49.99	1.87	51.86	-58.94	110.80	100	337	Peak
5		5725.000	51.31	1.89	53.20	-69.00	122.20	100	337	Peak
6		5870.400	101.56	2.26	103.81	N/A	N/A	100	337	Peak
7		5895.000	54.07	2.26	56.33	-73.87	130.20	100	337	Peak
8		5925.000	50.37	2.27	52.63	-55.57	108.20	100	337	Peak
9		5977.200	53.02	2.28	55.30	-52.90	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	802.11be-20MHz_TX_Band4_CH 173_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

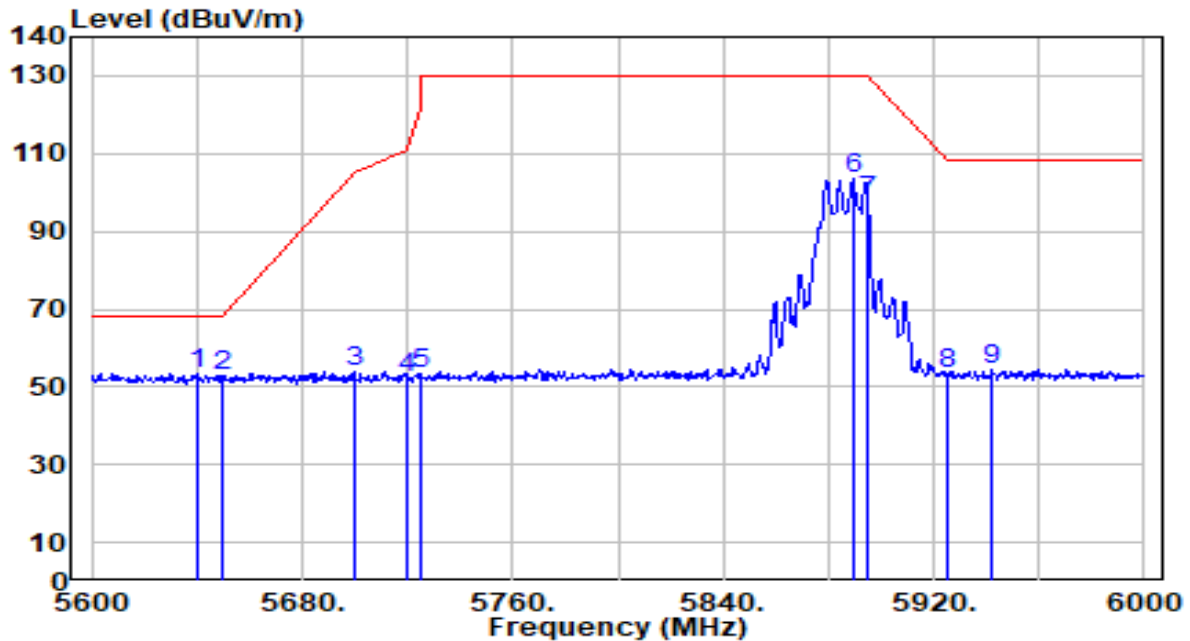


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5618.400	55.91	1.39	57.30	-10.90	68.20	170	160	Peak
2		5650.000	53.53	1.54	55.07	-13.13	68.20	170	160	Peak
3		5700.000	55.86	1.78	57.64	-47.56	105.20	170	160	Peak
4		5720.000	54.65	1.87	56.52	-54.28	110.80	170	160	Peak
5		5725.000	54.20	1.89	56.10	-66.10	122.20	170	160	Peak
6		5858.800	121.76	2.25	124.01	N/A	N/A	170	160	Peak
7		5895.000	68.12	2.26	70.39	-59.81	130.20	170	160	Peak
8		5925.000	56.22	2.27	58.49	-49.71	108.20	170	160	Peak
9		5930.800	58.01	2.27	60.27	-47.93	108.20	170	160	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 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	802.11be-20MHz_TX_Band4_CH 177_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

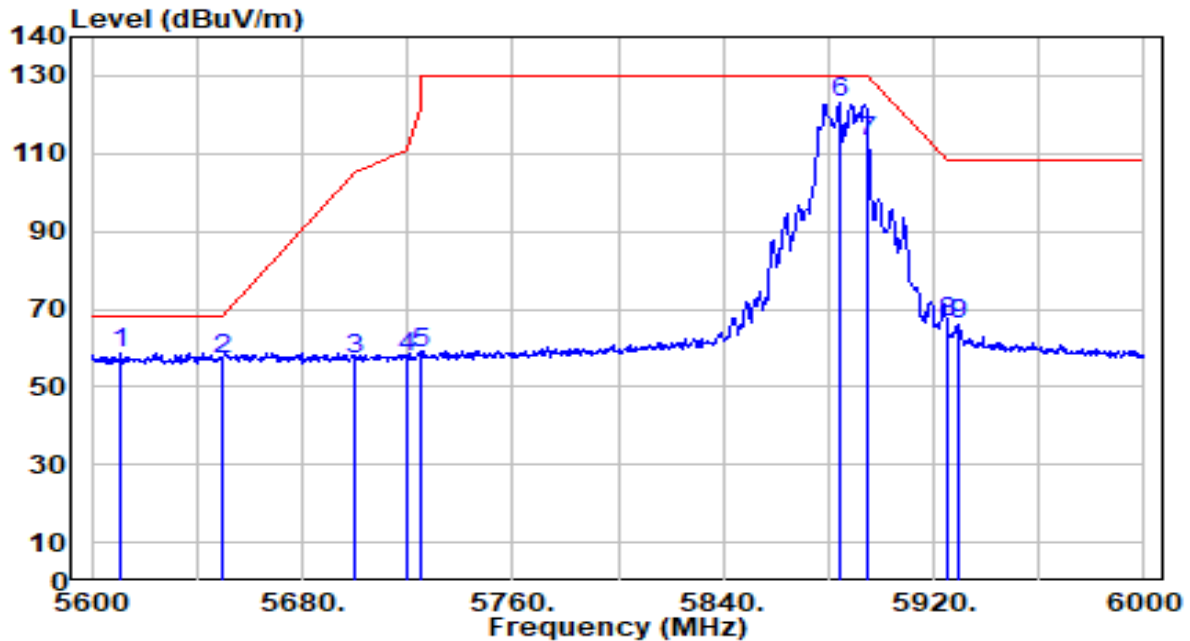


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5640.000	51.89	1.50	53.39	-14.81	68.20	122	55	Peak
2		5650.000	51.05	1.54	52.59	-15.61	68.20	122	55	Peak
3		5700.000	51.85	1.78	53.63	-51.57	105.20	122	55	Peak
4		5720.000	50.39	1.87	52.26	-58.54	110.80	122	55	Peak
5		5725.000	51.33	1.89	53.22	-68.98	122.20	122	55	Peak
6		5889.600	101.27	2.26	103.53	N/A	N/A	122	55	Peak
7		5895.000	95.44	2.26	97.70	-32.50	130.20	122	55	Peak
8		5925.000	50.85	2.27	53.12	-55.08	108.20	122	55	Peak
9		5942.000	52.36	2.27	54.63	-53.57	108.20	122	55	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	802.11be-20MHz_TX_Band4_CH 177_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

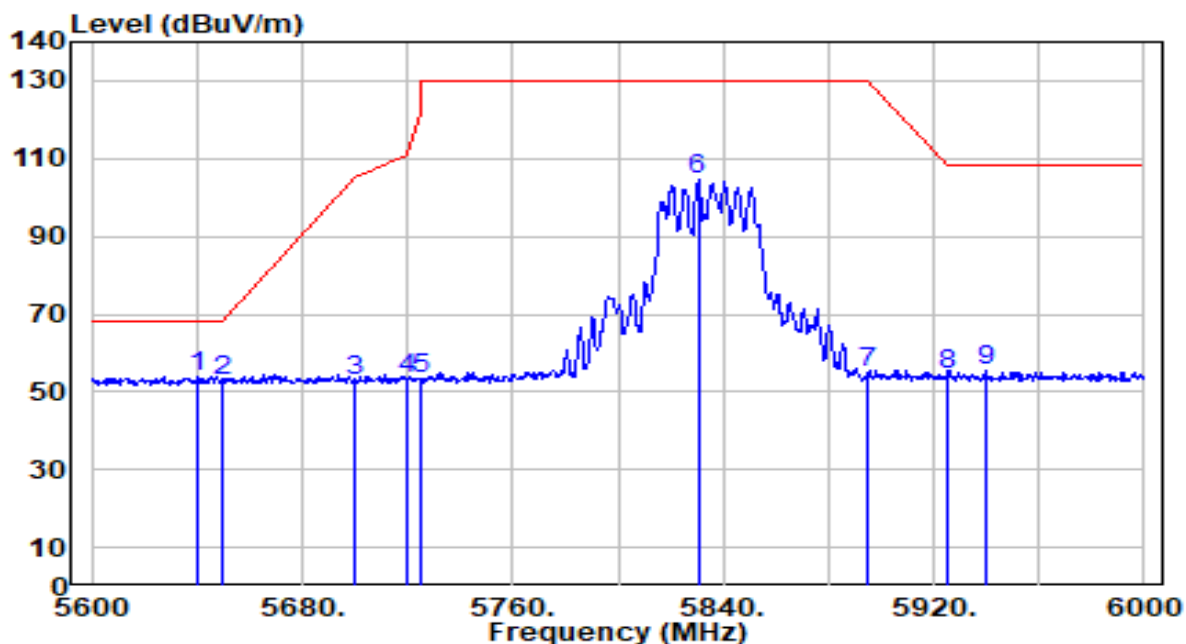


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5610.800	57.38	1.36	58.73	-9.47	68.20	189	159	Peak
2		5650.000	55.44	1.54	56.98	-11.22	68.20	189	159	Peak
3		5700.000	55.34	1.78	57.12	-48.08	105.20	189	159	Peak
4		5720.000	55.75	1.87	57.62	-53.18	110.80	189	159	Peak
5		5725.000	56.54	1.89	58.43	-63.77	122.20	189	159	Peak
6		5884.400	121.08	2.26	123.34	N/A	N/A	189	159	Peak
7		5895.000	110.83	2.26	113.09	-17.11	130.20	189	159	Peak
8		5925.000	64.50	2.27	66.77	-41.43	108.20	189	159	Peak
9		5929.600	63.69	2.27	65.96	-42.24	108.20	189	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.

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

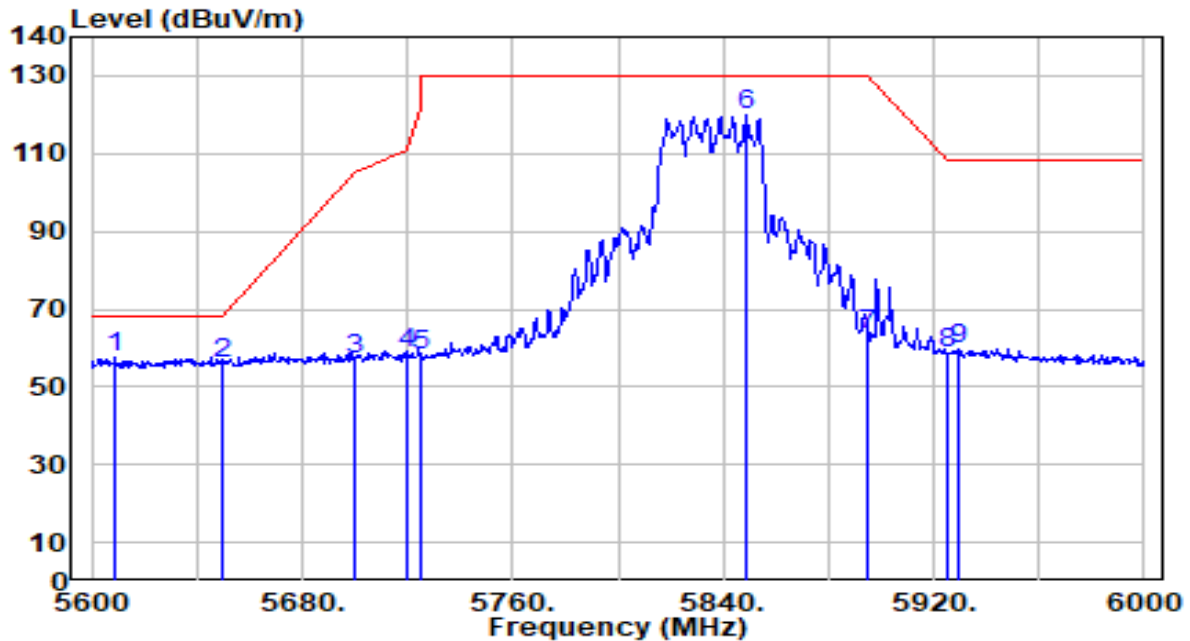


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5640.000	52.50	1.50	53.99	-14.21	68.20	100	336	Peak
2		5650.000	51.15	1.54	52.69	-15.51	68.20	100	336	Peak
3		5700.000	51.10	1.78	52.88	-52.32	105.20	100	336	Peak
4		5720.000	51.32	1.87	53.19	-57.61	110.80	100	336	Peak
5		5725.000	51.57	1.89	53.46	-68.74	122.20	100	336	Peak
6		5830.400	102.14	2.25	104.39	N/A	N/A	100	336	Peak
7		5895.000	52.56	2.26	54.82	-75.38	130.20	100	336	Peak
8		5925.000	52.09	2.27	54.36	-53.84	108.20	100	336	Peak
9		5939.600	53.09	2.27	55.36	-52.84	108.20	100	336	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	802.11be-40MHz_TX_Band4_CH 167_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

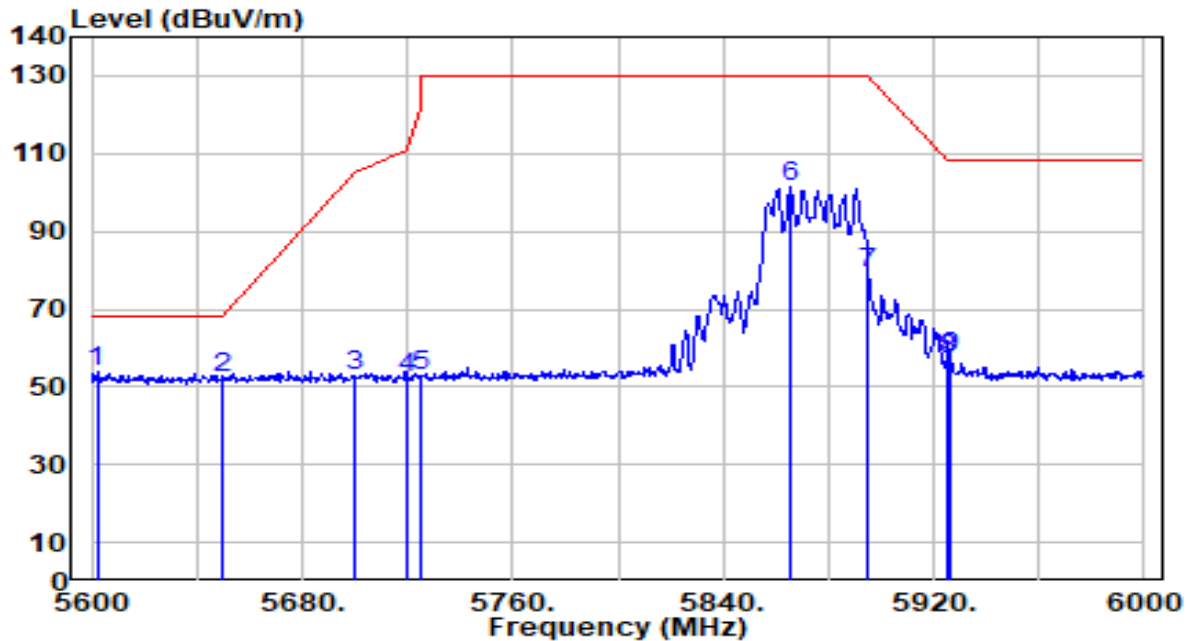


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5609.200	56.41	1.35	57.76	-10.44	68.20	174	159	Peak
2		5650.000	54.30	1.54	55.84	-12.36	68.20	174	159	Peak
3		5700.000	55.05	1.78	56.83	-48.37	105.20	174	159	Peak
4		5720.000	57.02	1.87	58.89	-51.91	110.80	174	159	Peak
5		5725.000	56.48	1.89	58.38	-63.82	122.20	174	159	Peak
6		5848.800	117.62	2.25	119.87	N/A	N/A	174	159	Peak
7		5895.000	60.90	2.26	63.16	-67.04	130.20	174	159	Peak
8		5925.000	56.63	2.27	58.89	-49.31	108.20	174	159	Peak
9		5929.200	57.62	2.27	59.89	-48.31	108.20	174	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.

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

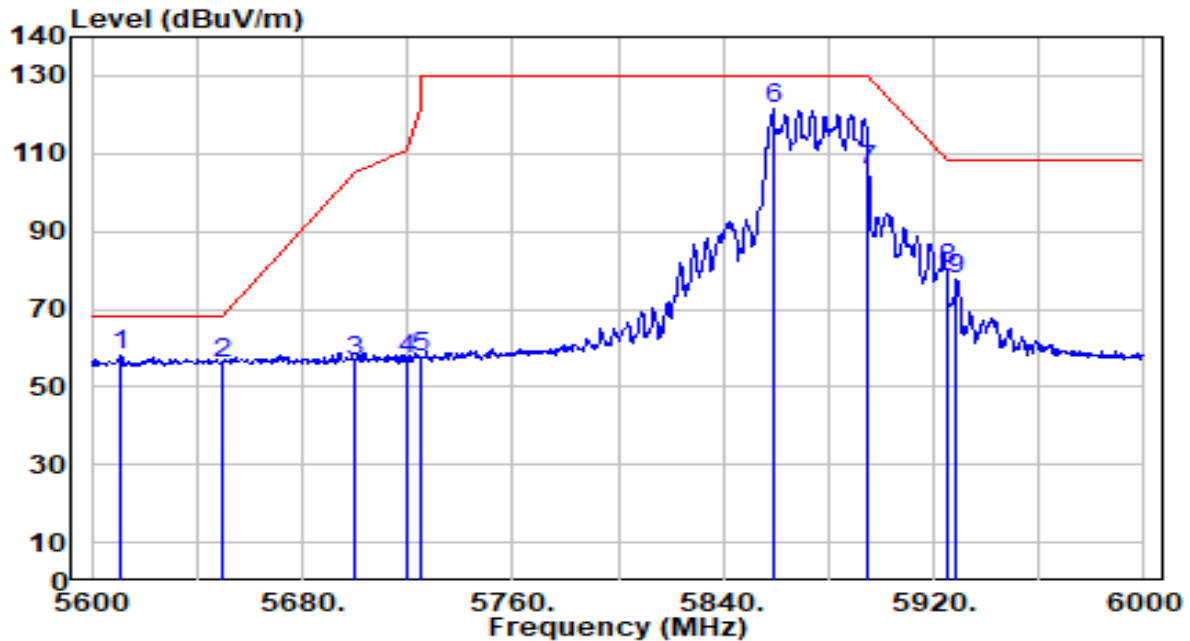


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5602.000	52.59	1.32	53.90	-14.30	68.20	100	336	Peak
2		5650.000	50.97	1.54	52.51	-15.69	68.20	100	336	Peak
3		5700.000	51.16	1.78	52.93	-52.27	105.20	100	336	Peak
4		5720.000	50.60	1.87	52.47	-58.33	110.80	100	336	Peak
5		5725.000	50.78	1.89	52.68	-69.52	122.20	100	336	Peak
6		5866.000	99.43	2.26	101.69	N/A	N/A	100	336	Peak
7		5895.000	77.19	2.26	79.45	-50.75	130.20	100	336	Peak
8		5925.000	54.64	2.27	56.90	-51.30	108.20	100	336	Peak
9		5926.400	55.28	2.27	57.54	-50.66	108.20	100	336	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	802.11be-40MHz_TX_Band4_CH 175_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

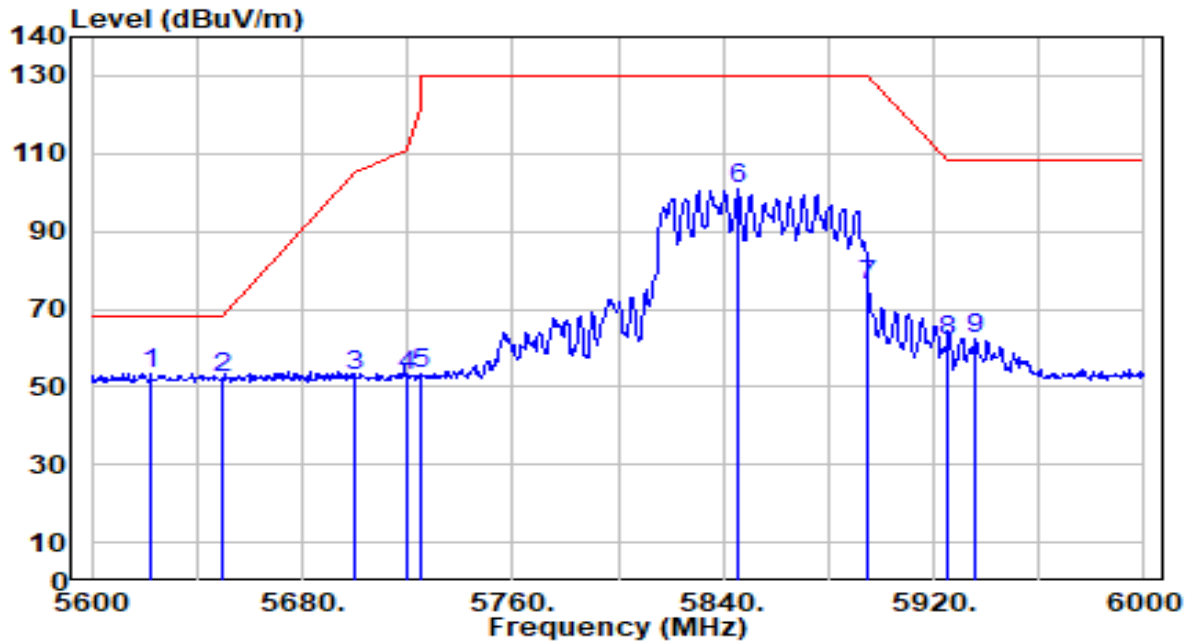


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5611.200	56.92	1.36	58.29	-9.91	68.20	151	160	Peak
2		5650.000	54.62	1.54	56.16	-12.04	68.20	151	160	Peak
3		5700.000	54.83	1.78	56.61	-48.59	105.20	151	160	Peak
4		5720.000	55.38	1.87	57.25	-53.55	110.80	151	160	Peak
5		5725.000	55.85	1.89	57.74	-64.46	122.20	151	160	Peak
6		5858.800	119.09	2.25	121.34	N/A	N/A	151	160	Peak
7		5895.000	103.56	2.26	105.82	-24.38	130.20	151	160	Peak
8		5925.000	77.90	2.27	80.17	-28.03	108.20	151	160	Peak
9		5928.800	75.33	2.27	77.59	-30.61	108.20	151	160	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 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	802.11be-80MHz_TX_Band4_CH 171_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

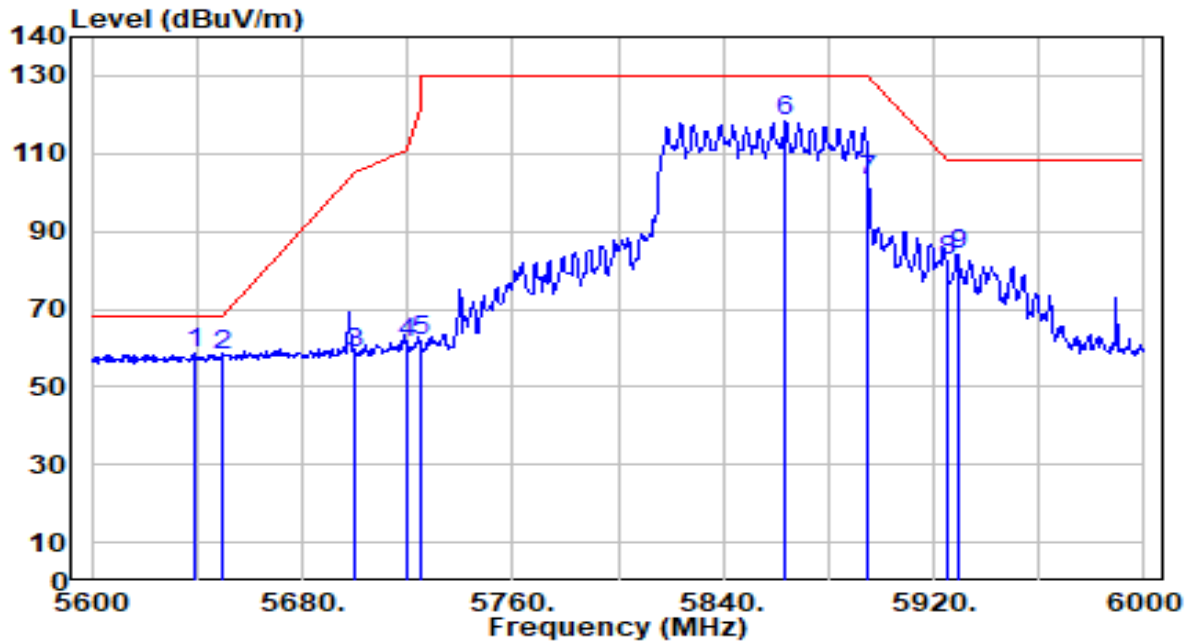


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5622.400	52.20	1.41	53.61	-14.59	68.20	100	336	Peak
2		5650.000	50.56	1.54	52.10	-16.10	68.20	100	336	Peak
3		5700.000	50.93	1.78	52.70	-52.50	105.20	100	336	Peak
4		5720.000	51.08	1.87	52.95	-57.85	110.80	100	336	Peak
5		5725.000	51.31	1.89	53.21	-68.99	122.20	100	336	Peak
6		5845.600	98.49	2.25	100.74	N/A	N/A	100	336	Peak
7		5895.000	73.58	2.26	75.84	-54.36	130.20	100	336	Peak
8		5925.000	59.81	2.27	62.07	-46.13	108.20	100	336	Peak
9		5936.000	60.07	2.27	62.34	-45.86	108.20	100	336	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	802.11be-80MHz_TX_Band4_CH 171_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

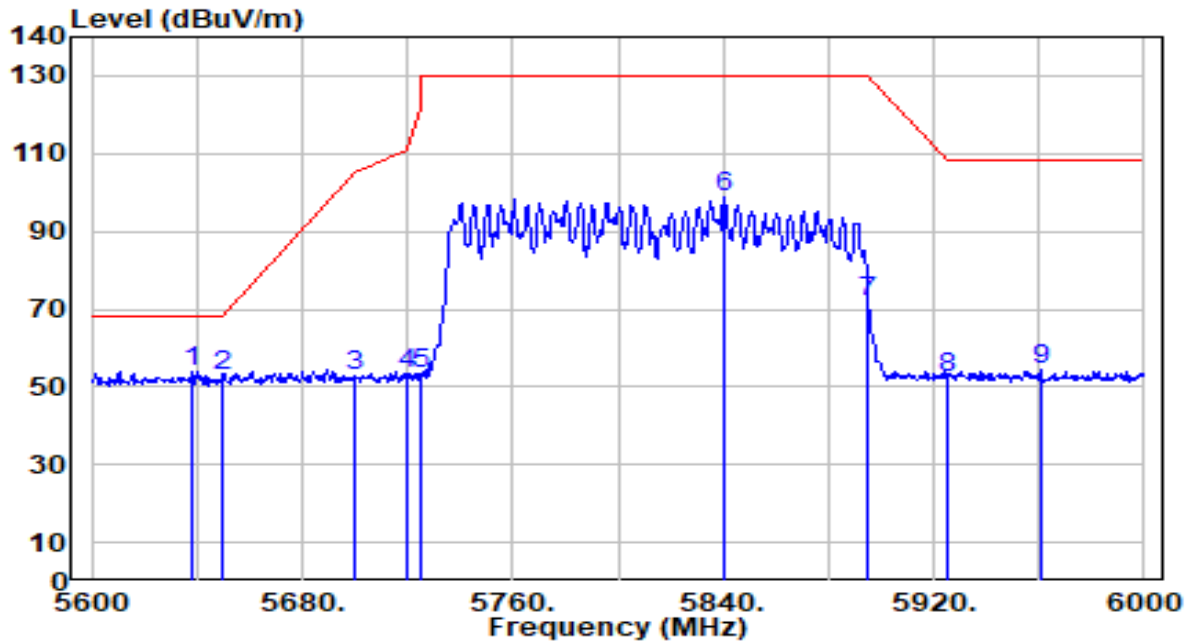


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5638.800	56.98	1.49	58.47	-9.73	68.20	182	159	Peak
2		5650.000	56.78	1.54	58.32	-9.88	68.20	182	159	Peak
3		5700.000	56.85	1.78	58.63	-46.57	105.20	182	159	Peak
4		5720.000	59.33	1.87	61.20	-49.60	110.80	182	159	Peak
5		5725.000	59.71	1.89	61.61	-60.59	122.20	182	159	Peak
6		5863.600	115.87	2.26	118.12	N/A	N/A	182	159	Peak
7		5895.000	100.59	2.26	102.85	-27.35	130.20	182	159	Peak
8		5925.000	80.34	2.27	82.61	-25.59	108.20	182	159	Peak
9		5929.200	81.70	2.27	83.97	-24.23	108.20	182	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.

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

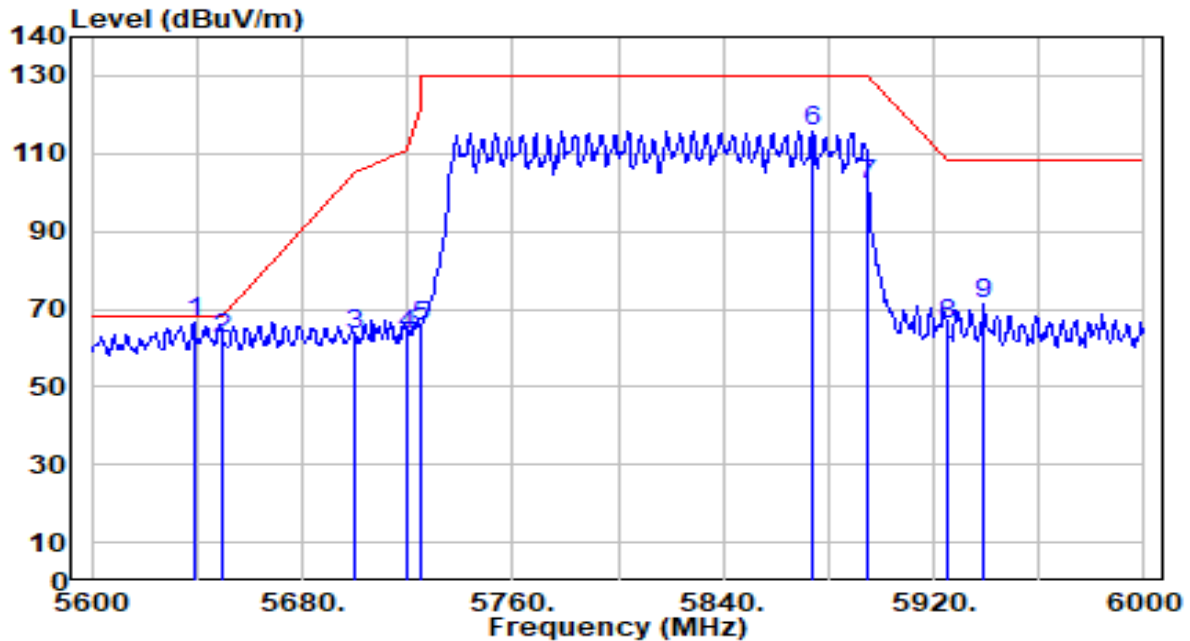


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5638.400	52.45	1.49	53.94	-14.26	68.20	100	336	Peak
2		5650.000	51.15	1.54	52.69	-15.51	68.20	100	336	Peak
3		5700.000	50.81	1.78	52.58	-52.62	105.20	100	336	Peak
4		5720.000	51.50	1.87	53.37	-57.43	110.80	100	336	Peak
5		5725.000	51.63	1.89	53.52	-68.68	122.20	100	336	Peak
6		5840.400	96.77	2.25	99.02	N/A	N/A	100	336	Peak
7		5895.000	69.44	2.26	71.70	-58.50	130.20	100	336	Peak
8		5925.000	50.18	2.27	52.45	-55.75	108.20	100	336	Peak
9		5960.400	52.07	2.27	54.34	-53.86	108.20	100	336	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	802.11be-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	*	5638.800	64.82	1.49	66.31	-1.89	68.20	171	159	Peak
2		5650.000	61.05	1.54	62.59	-5.61	68.20	171	159	Peak
3		5700.000	61.38	1.78	63.16	-42.04	105.20	171	159	Peak
4		5720.000	61.44	1.87	63.31	-47.49	110.80	171	159	Peak
5		5725.000	63.68	1.89	65.58	-56.62	122.20	171	159	Peak
6		5874.000	113.47	2.26	115.73	N/A	N/A	171	159	Peak
7		5895.000	99.89	2.26	102.15	-28.05	130.20	171	159	Peak
8		5925.000	63.70	2.27	65.97	-42.23	108.20	171	159	Peak
9		5938.800	69.11	2.27	71.38	-36.82	108.20	171	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.

7.9. AC Conducted Emissions Measurement

7.9.1. 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.

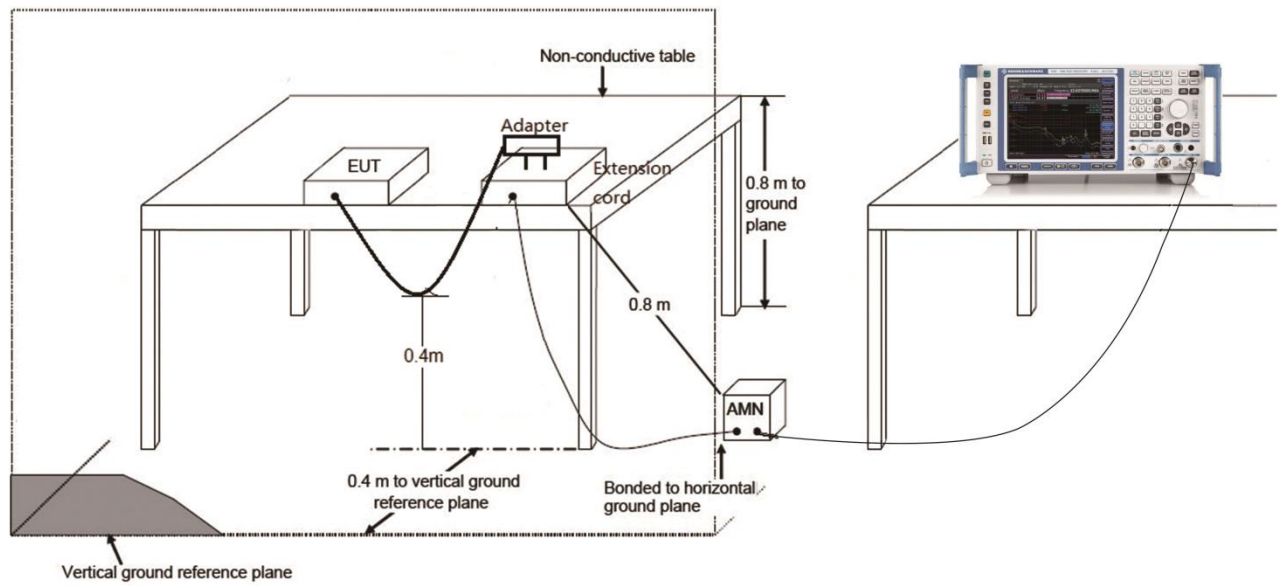
7.9.2. Test Procedure

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.

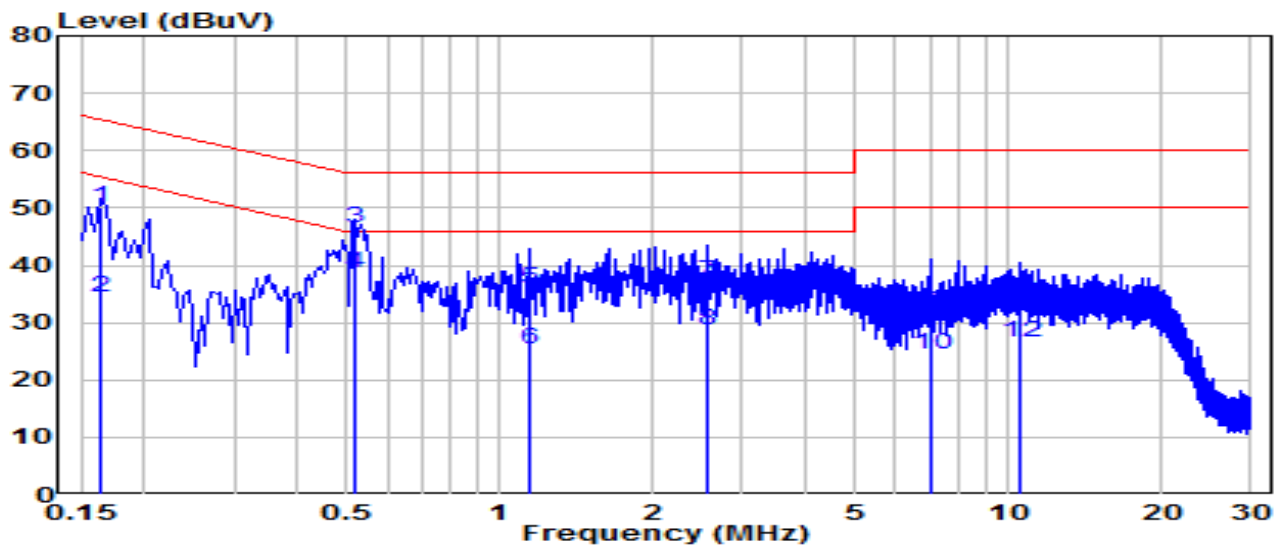
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.9.3. Test Setup



7.9.4. Test Result

EUT	BE6500 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-01-23
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	21.5°C /60%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11ac-20MHz_TX_Band4_CH 173_ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

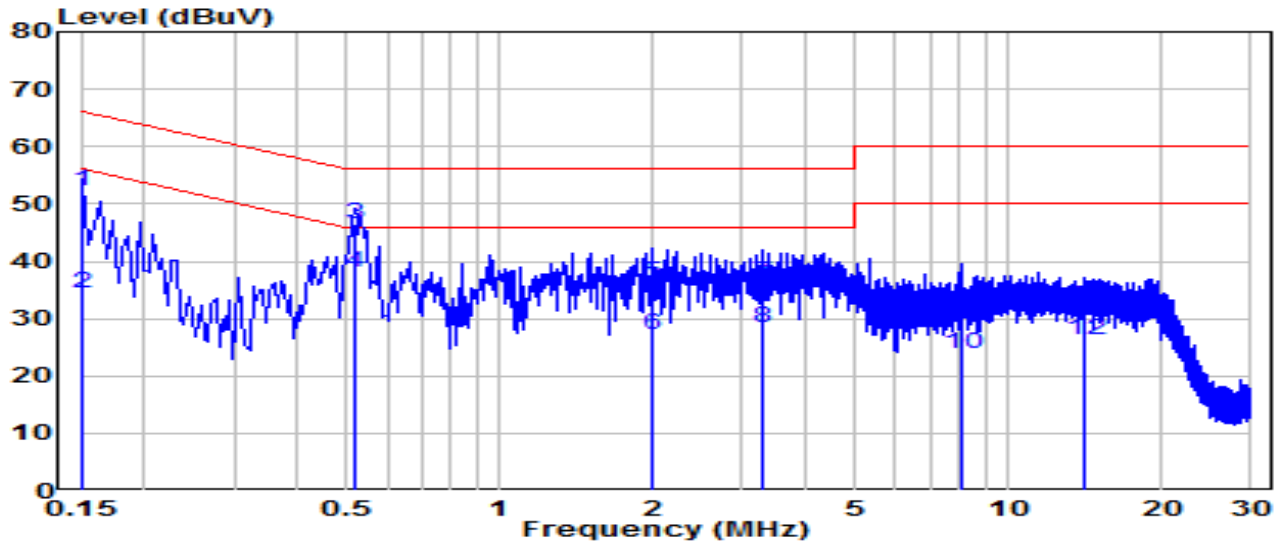


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	40.46	9.63	50.09	-15.19	65.28	QP
2	0.163	24.66	9.63	34.29	-21.00	55.28	Average
3	* 0.519	36.97	9.65	46.62	-9.38	56.00	QP
4	* 0.519	28.90	9.65	38.55	-7.45	46.00	Average
5	1.144	26.33	9.68	36.02	-19.98	56.00	QP
6	1.144	15.61	9.68	25.29	-20.71	46.00	Average
7	2.575	27.31	9.71	37.02	-18.98	56.00	QP
8	2.575	18.99	9.71	28.70	-17.30	46.00	Average
9	7.048	21.99	9.80	31.79	-28.21	60.00	QP
10	7.048	14.80	9.80	24.60	-25.40	50.00	Average
11	10.526	23.53	9.87	33.40	-26.60	60.00	QP
12	10.526	16.72	9.87	26.59	-23.41	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	BE6500 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-01-23
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	21.5°C /60%
Polarity	Neutral	Site / Test Engineer	SR2 / Ryan
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)	Measurement (dBUV)	Margin (dB)	Limit (dBUV)	Remark (QP/PK/AV)
1	0.150	42.45	9.63	52.08	-13.92	66.00	QP
2	0.150	24.74	9.63	34.37	-21.63	56.00	Average
3	* 0.519	36.82	9.65	46.47	-9.53	56.00	QP
4	* 0.519	28.35	9.65	38.01	-7.99	46.00	Average
5	2.004	26.47	9.71	36.18	-19.82	56.00	QP
6	2.004	17.36	9.71	27.07	-18.93	46.00	Average
7	3.277	26.60	9.73	36.33	-19.67	56.00	QP
8	3.277	18.68	9.73	28.40	-17.60	46.00	Average
9	8.114	20.87	9.84	30.71	-29.29	60.00	QP
10	8.114	13.94	9.84	23.78	-26.22	50.00	Average
11	14.027	22.20	9.93	32.13	-27.87	60.00	QP
12	14.027	16.39	9.93	26.32	-23.68	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.

The End

Appendix A : Test Setup Photograph

Refer to “2501TW0109-UT” file.

Appendix B : EUT Photograph

Refer to “2501TW0109-UE” file.

Appendix C : Internal Photograph

Refer to “2501TW0109-UI” file.