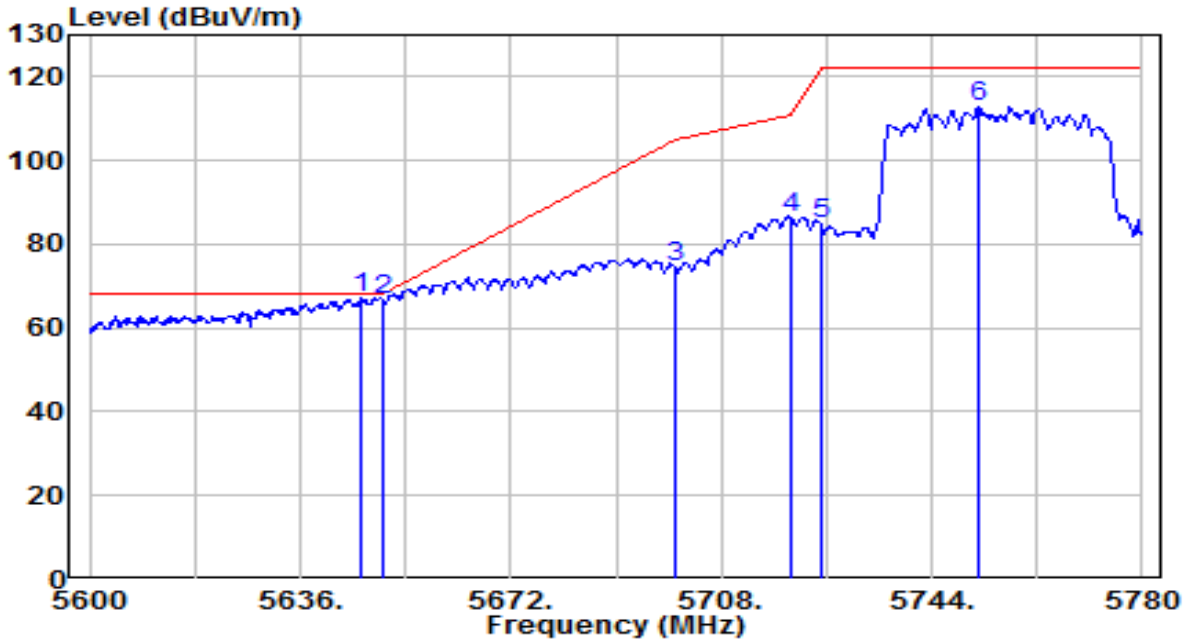
EUT	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	By Notebook PC

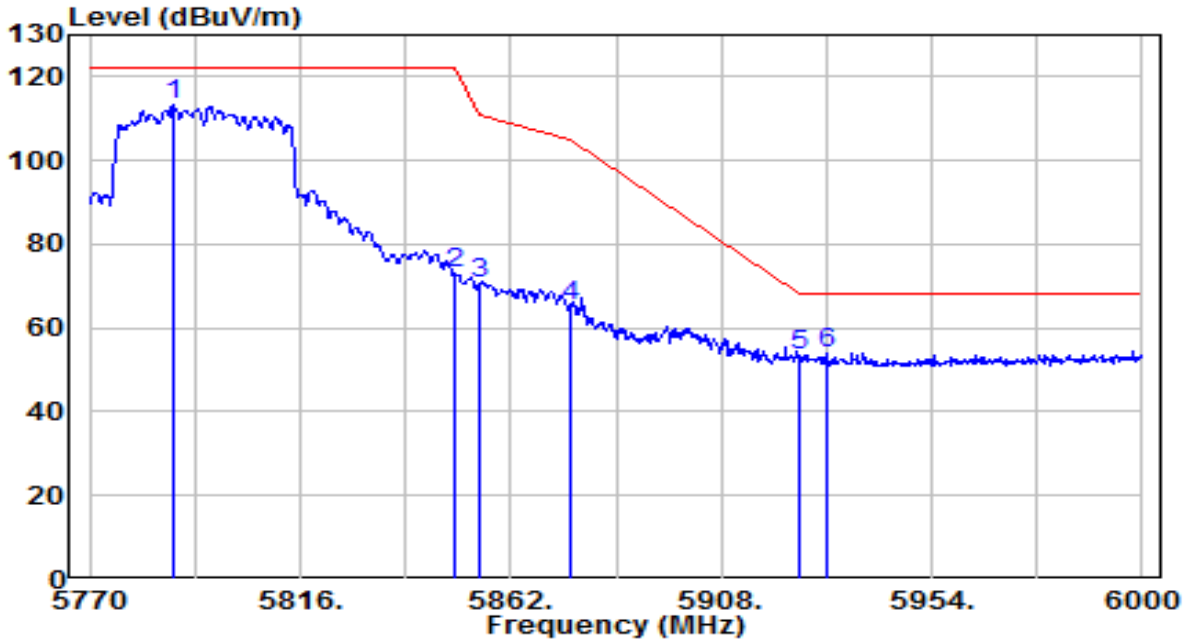


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5646.440	61.89	5.26	67.15	-1.05	68.20	140	360	Peak
2		5650.000	61.35	5.27	66.62	-1.58	68.20	140	360	Peak
3		5700.000	69.23	5.44	74.68	-30.52	105.20	140	360	Peak
4		5720.000	80.59	5.51	86.10	-24.70	110.80	140	360	Peak
5		5725.000	79.48	5.53	85.00	-37.20	122.20	140	360	Peak
6		5751.920	107.21	5.62	112.83	N/A	N/A	140	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) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	By Notebook PC

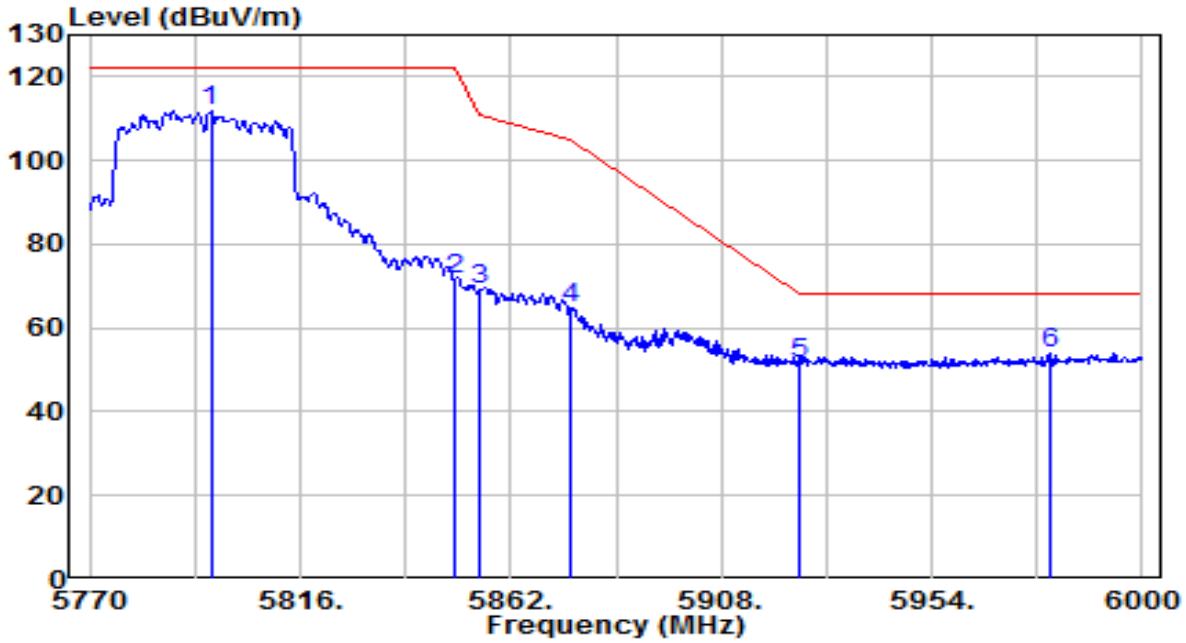


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5788.170	107.72	5.74	113.45	N/A	N/A	150	10	Peak
2		5850.000	67.31	5.95	73.26	-48.94	122.20	150	10	Peak
3		5855.000	64.70	5.96	70.67	-40.13	110.80	150	10	Peak
4		5875.000	59.46	6.03	65.49	-39.71	105.20	150	10	Peak
5		5925.000	47.27	6.20	53.47	-14.73	68.20	150	10	Peak
6	*	5931.230	47.61	6.22	53.83	-14.37	68.20	150	10	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	By Notebook PC

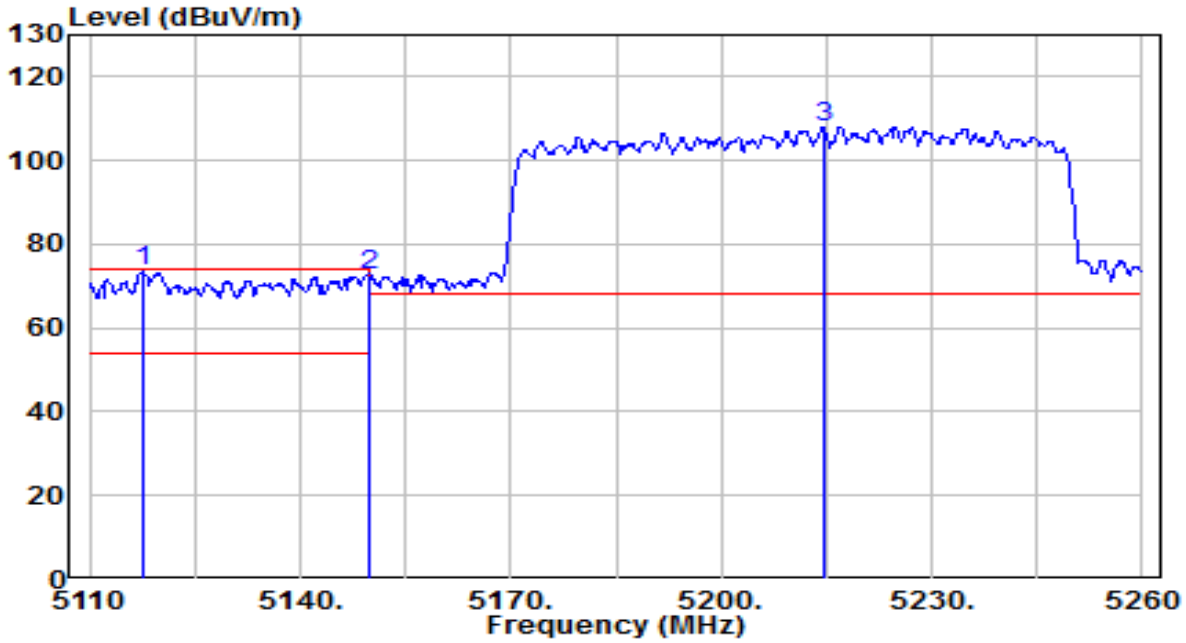


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5796.450	105.92	5.77	111.68	N/A	N/A	170	145	Peak
2		5850.000	65.81	5.95	71.76	-50.44	122.20	170	145	Peak
3		5855.000	63.05	5.96	69.01	-41.79	110.80	170	145	Peak
4		5875.000	58.67	6.03	64.70	-40.50	105.20	170	145	Peak
5		5925.000	45.43	6.20	51.63	-16.57	68.20	170	145	Peak
6	*	5979.760	47.53	6.38	53.91	-14.29	68.20	170	145	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	By Notebook PC

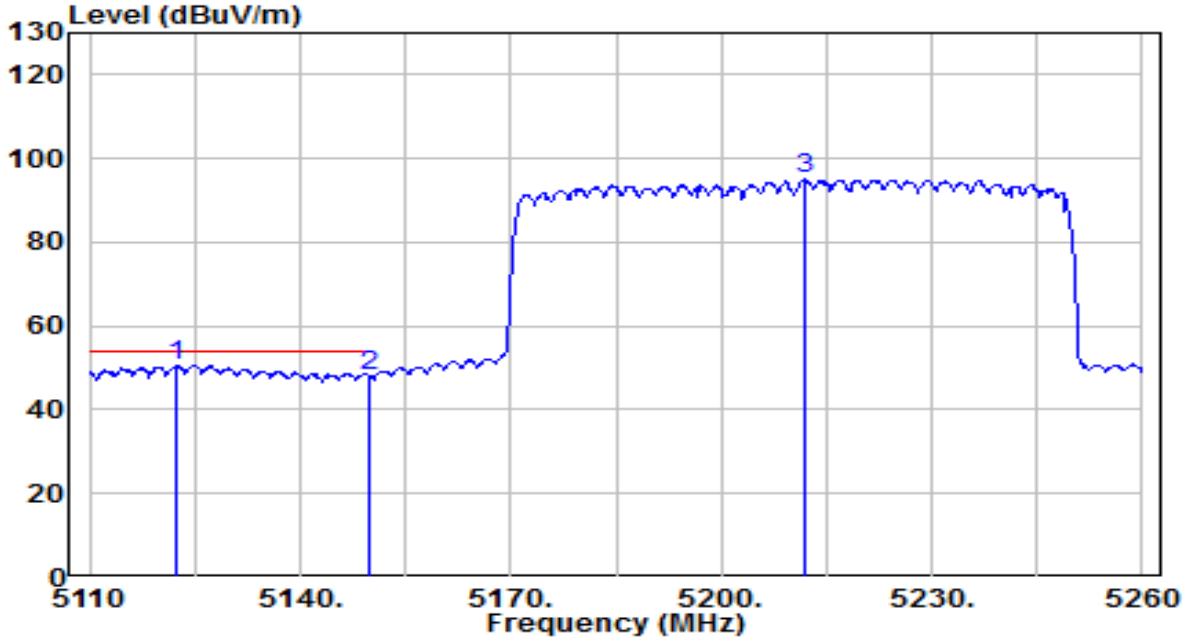


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.650	69.52	4.23	73.75	-0.25	74.00	200	360	Peak
2		5150.000	68.44	4.27	72.71	-1.29	74.00	200	360	Peak
3		5214.550	103.59	4.36	107.95	N/A	N/A	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	By Notebook PC

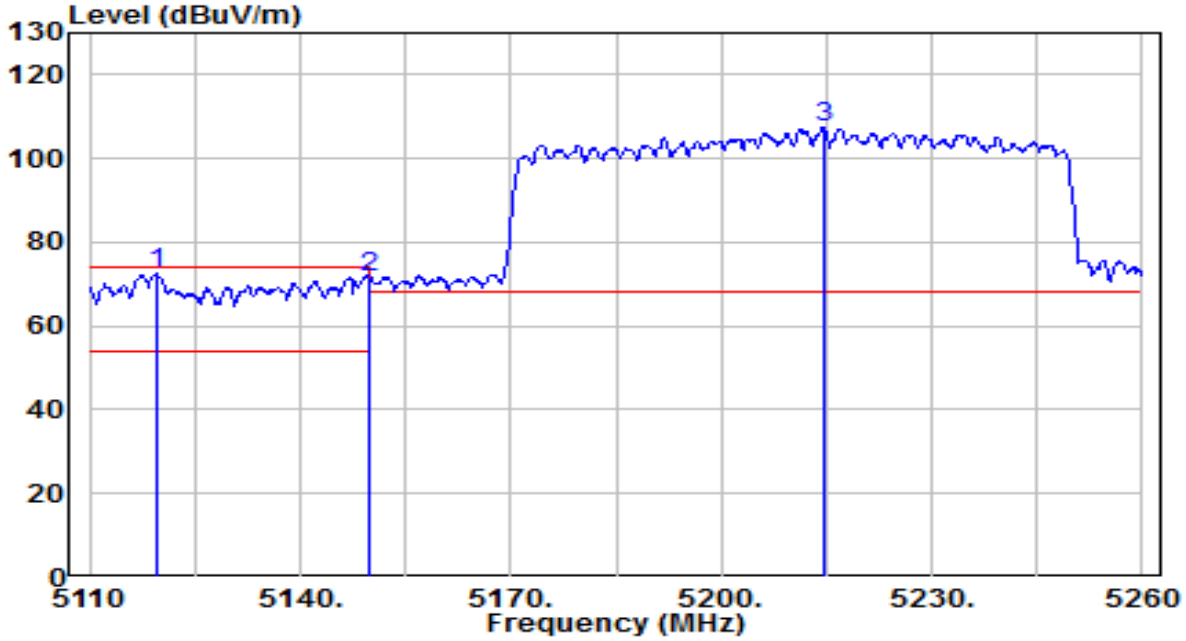


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5122.450	46.33	4.23	50.57	-3.43	54.00	200	360	Average
2		5150.000	43.69	4.27	47.96	-6.04	54.00	200	360	Average
3		5211.850	90.59	4.36	94.95	N/A	N/A	200	360	Average

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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	By Notebook PC

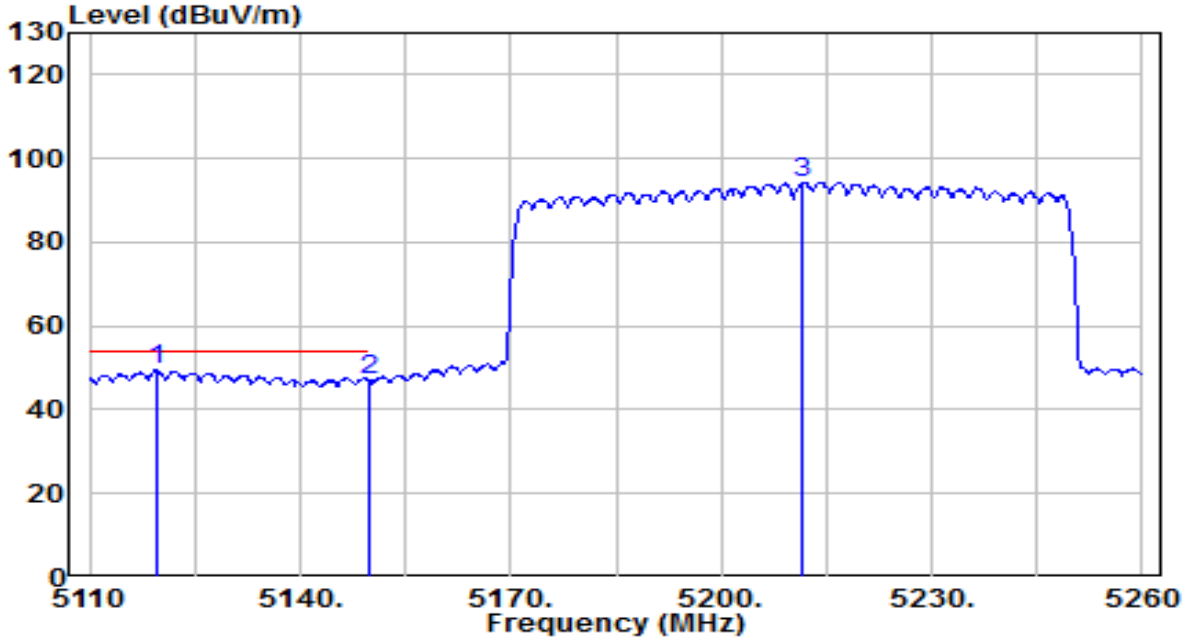


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5119.450	68.15	4.23	72.38	-1.62	74.00	150	355	Peak
2		5150.000	67.25	4.27	71.52	-2.48	74.00	150	355	Peak
3		5214.550	102.94	4.36	107.31	N/A	N/A	150	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	By Notebook PC

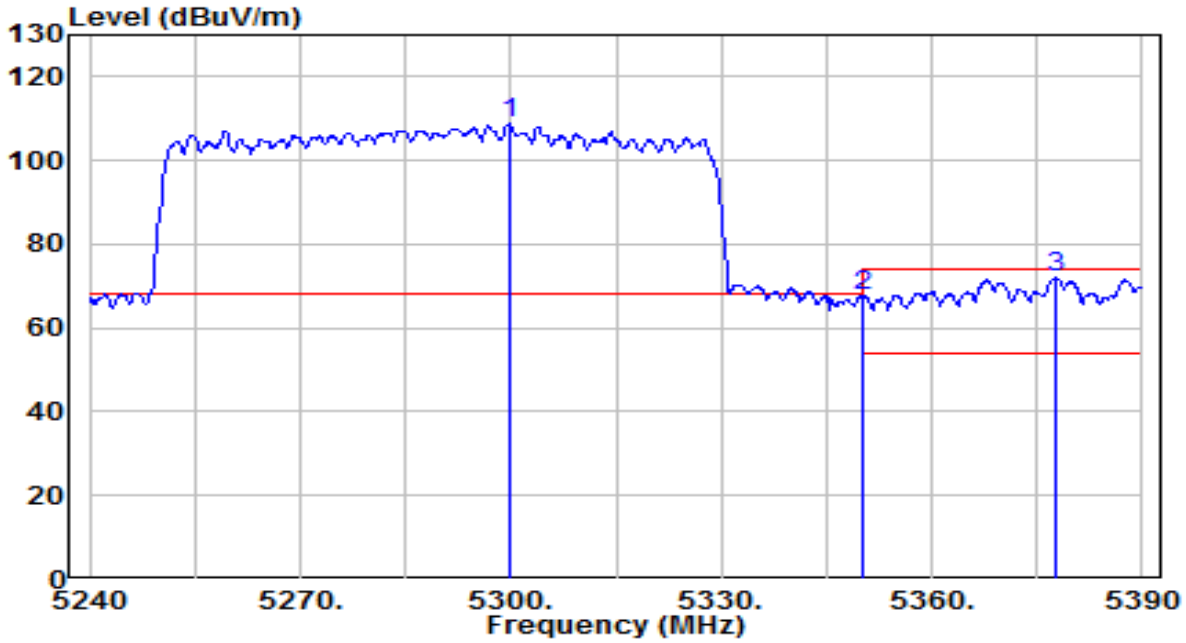


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5119.450	45.15	4.23	49.38	-4.62	54.00	150	355	Average
2		5150.000	42.61	4.27	46.88	-7.12	54.00	150	355	Average
3		5211.700	90.00	4.36	94.36	N/A	N/A	150	355	Average

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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	By Notebook PC

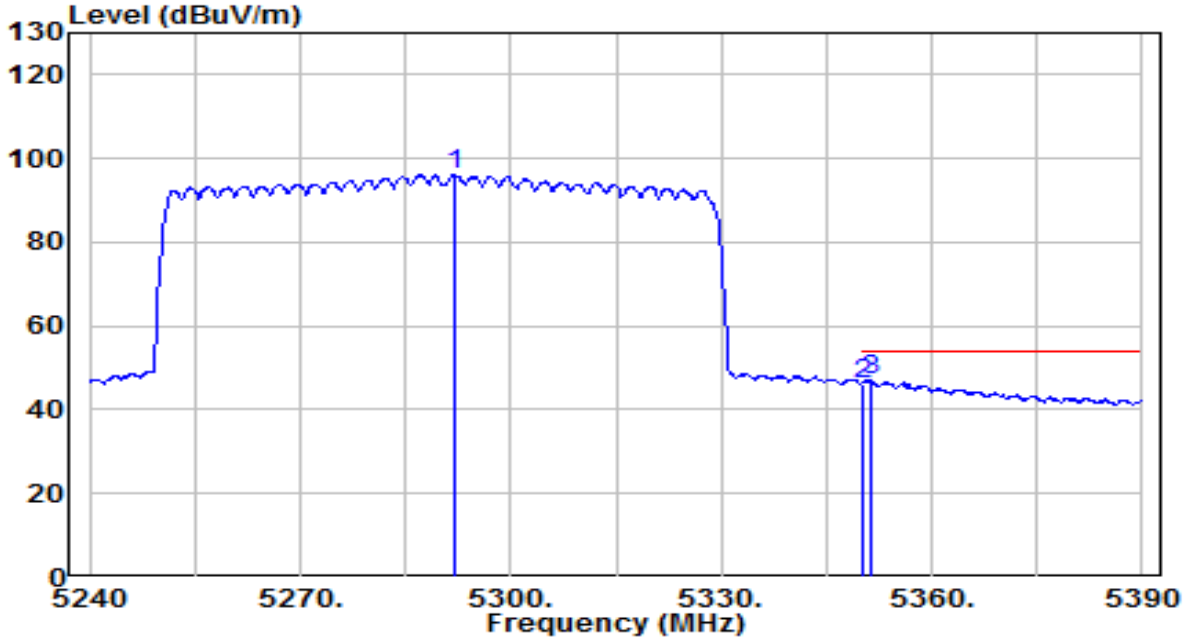


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5299.700	104.20	4.49	108.69	N/A	N/A	135	360	Peak
2	*	5350.000	63.37	4.56	67.93	-0.27	68.20	135	360	Peak
3		5377.550	67.50	4.60	72.10	-1.90	74.00	135	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	By Notebook PC

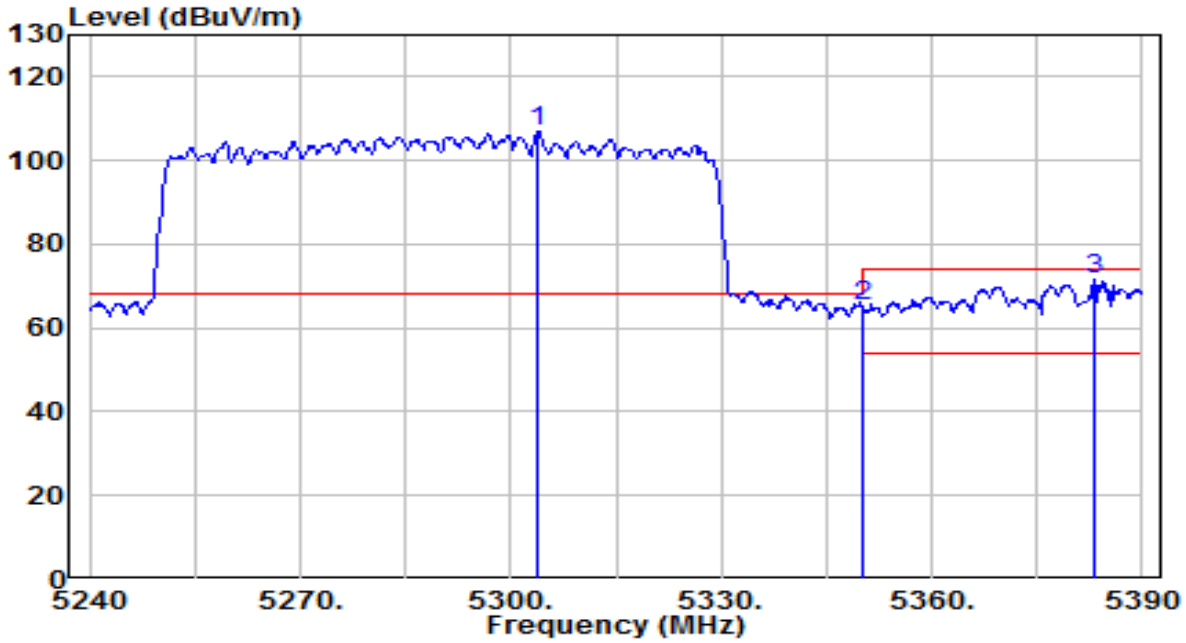


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5292.200	91.67	4.47	96.14	N/A	N/A	135	360	Average
2		5350.000	41.46	4.56	46.02	-7.98	54.00	135	360	Average
3	*	5351.300	42.36	4.56	46.92	-7.08	54.00	135	360	Average

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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	By Notebook PC

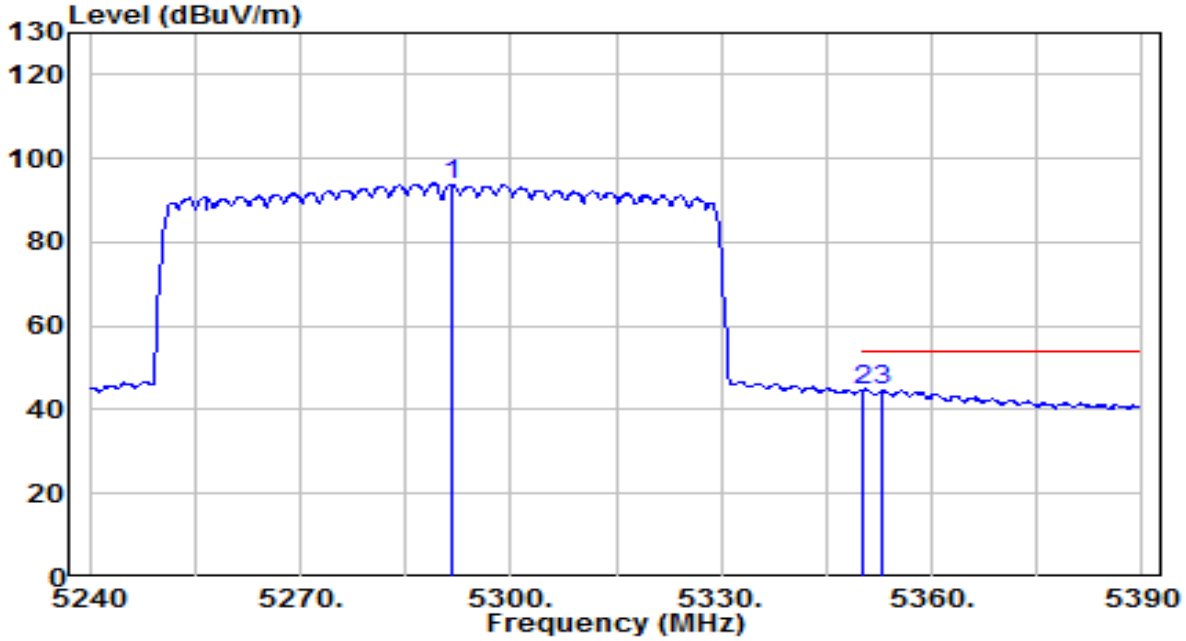


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5303.900	102.29	4.49	106.78	N/A	N/A	150	355	Peak
2		5350.000	60.63	4.56	65.18	-3.02	68.20	150	355	Peak
3	*	5383.100	67.06	4.60	71.67	-2.33	74.00	150	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	By Notebook PC

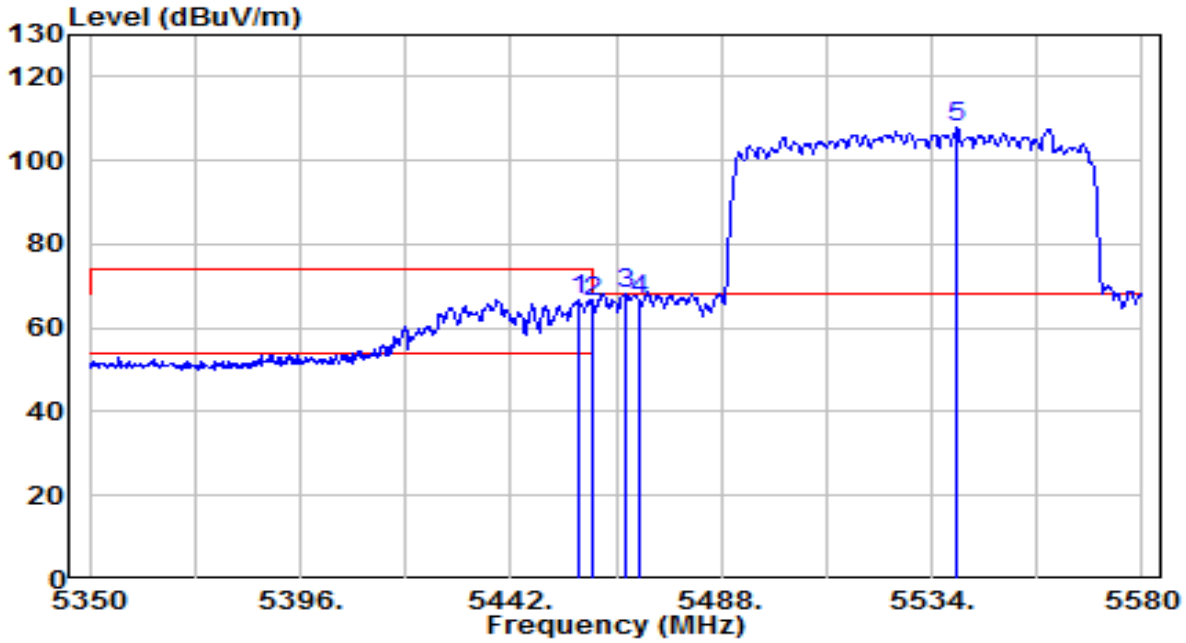


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5291.600	89.33	4.47	93.81	N/A	N/A	150	355	Average
2	*	5350.000	40.31	4.56	44.87	-9.13	54.00	150	355	Average
3		5353.100	40.19	4.56	44.75	-9.25	54.00	150	355	Average

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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	By Notebook PC

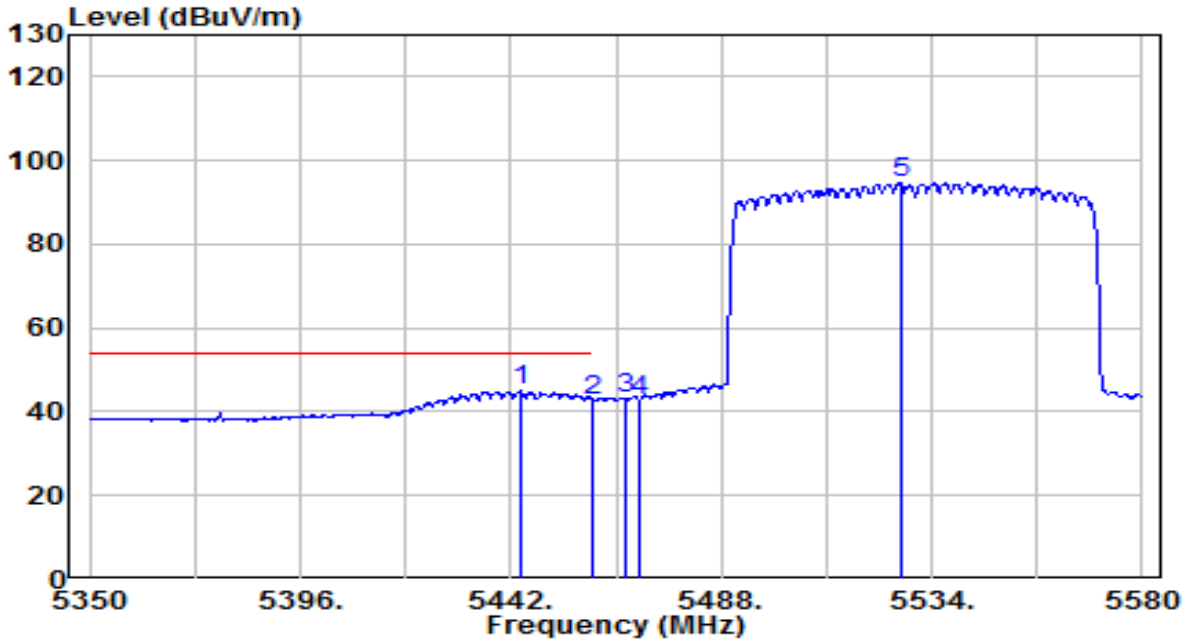


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5456.950	61.85	4.71	66.56	-7.44	74.00	150	360	Peak
2		5460.000	61.58	4.71	66.30	-1.90	68.20	150	360	Peak
3	*	5466.840	63.32	4.72	68.04	-0.16	68.20	150	360	Peak
4		5470.000	61.75	4.73	66.47	-1.73	68.20	150	360	Peak
5		5539.520	102.90	4.90	107.81	N/A	N/A	150	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) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	By Notebook PC

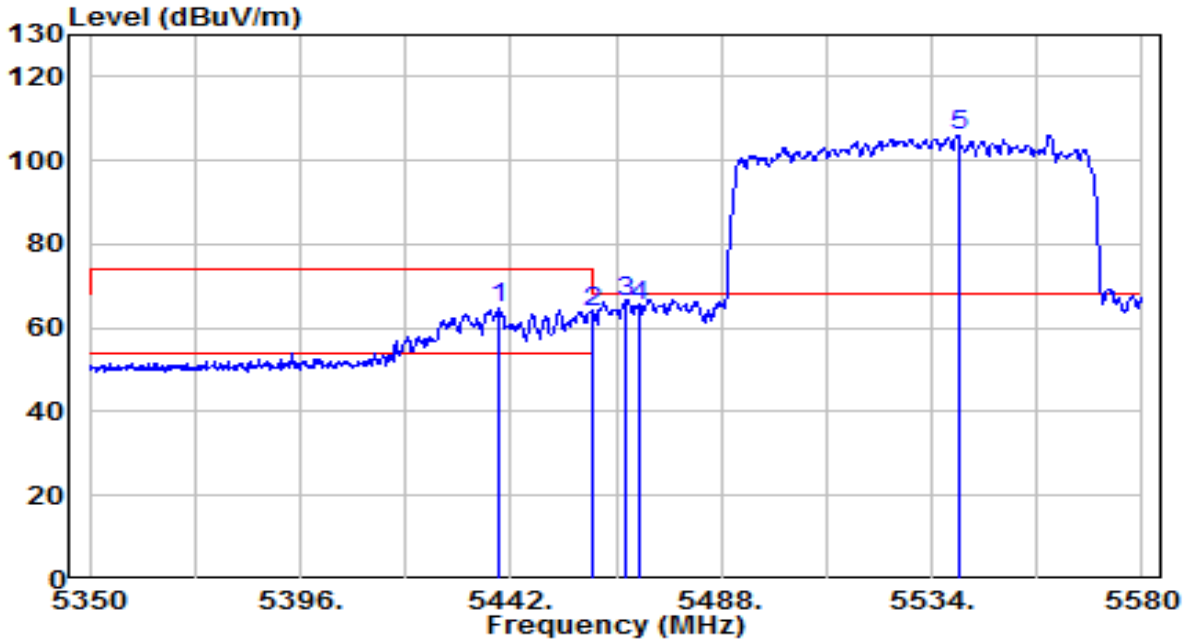


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5444.070	40.32	4.69	45.01	-8.99	54.00	150	360	Average
2		5460.000	38.01	4.71	42.72	-11.28	54.00	150	360	Average
3		5466.840	38.27	4.72	42.99	N/A	N/A	150	360	Average
4		5470.000	38.02	4.73	42.75	N/A	N/A	150	360	Average
5		5527.100	89.72	4.86	94.58	N/A	N/A	150	360	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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	By Notebook PC

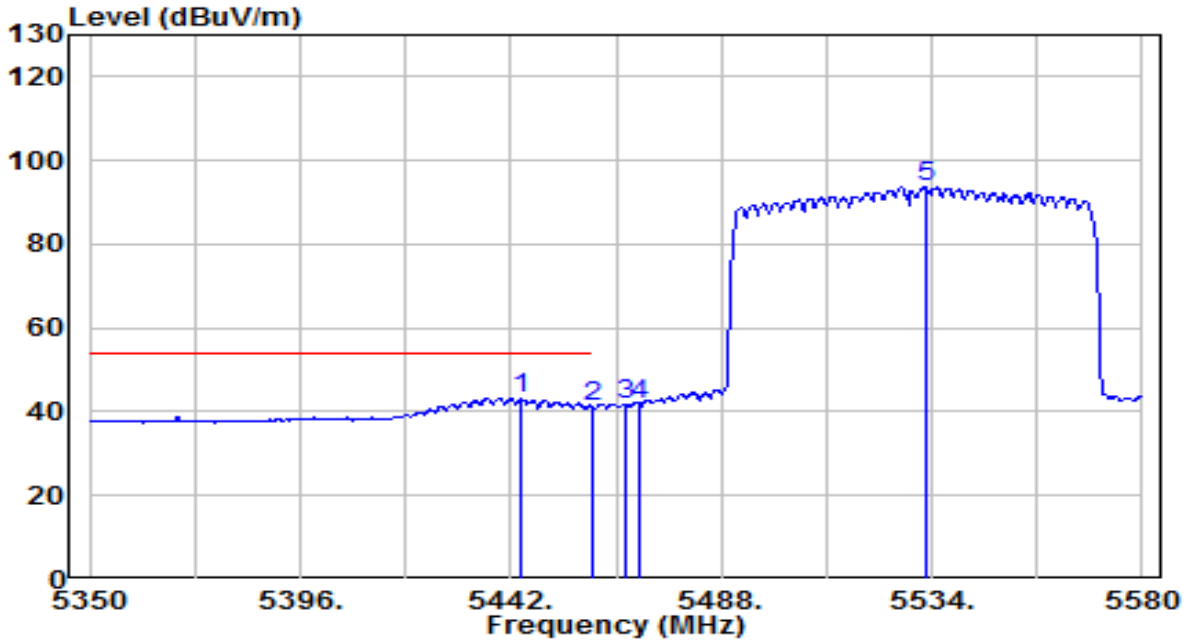


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5439.470	60.16	4.68	64.84	-9.16	74.00	100	360	Peak
2		5460.000	59.28	4.71	63.99	-4.21	68.20	100	360	Peak
3	*	5466.840	61.43	4.72	66.15	-2.05	68.20	100	360	Peak
4		5470.000	60.67	4.73	65.40	-2.80	68.20	100	360	Peak
5		5539.750	101.12	4.90	106.03	N/A	N/A	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) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	26°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	By Notebook PC

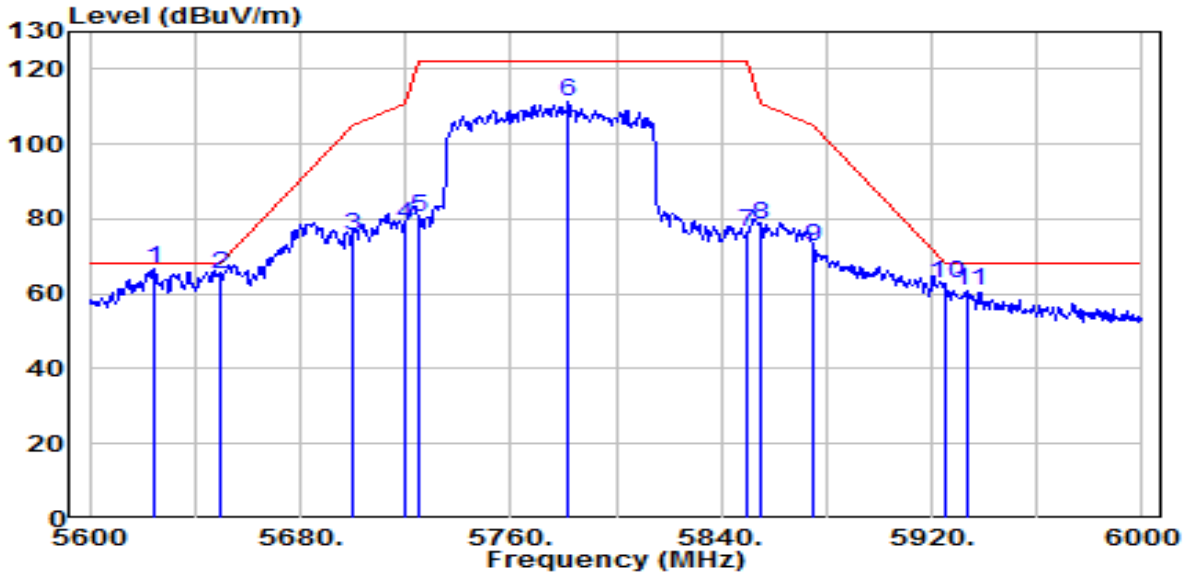


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5444.300	38.62	4.69	43.31	-10.69	54.00	100	360	Average
2		5460.000	36.73	4.71	41.44	-12.56	54.00	100	360	Average
3		5466.840	37.11	4.72	41.84	N/A	N/A	100	360	Average
4		5470.000	36.94	4.73	41.66	N/A	N/A	100	360	Average
5		5532.620	88.77	4.88	93.65	N/A	N/A	100	360	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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	By Notebook PC

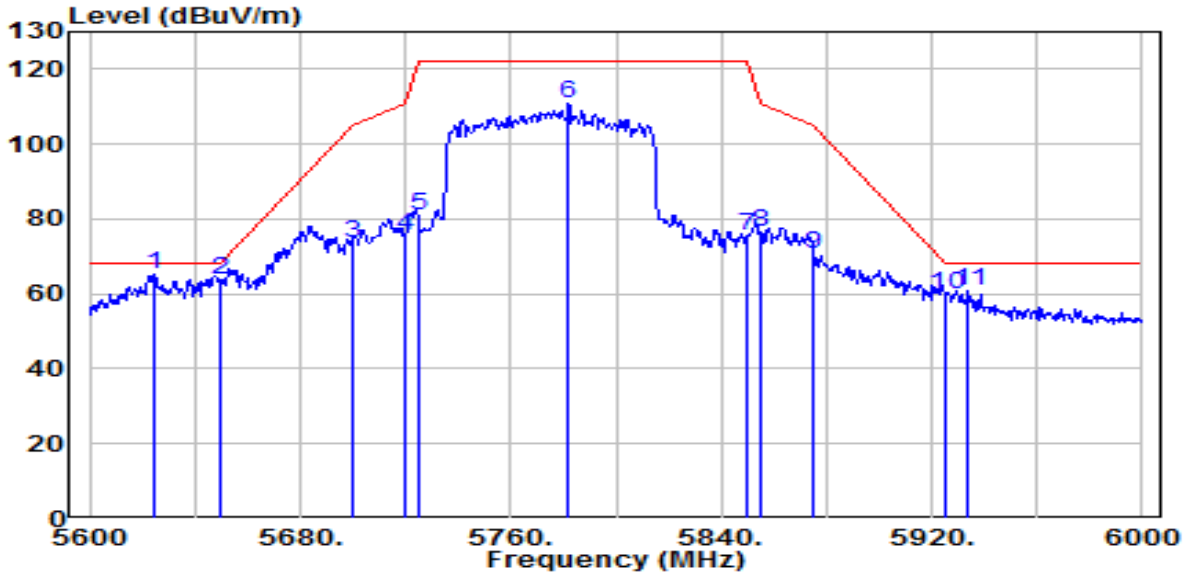


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.400	61.64	5.19	66.83	-1.37	68.20	115	10	Peak
2		5650.000	60.05	5.27	65.32	-2.88	68.20	115	10	Peak
3		5700.000	70.17	5.44	75.61	-29.59	105.20	115	10	Peak
4		5720.000	73.17	5.51	78.68	-32.12	110.80	115	10	Peak
5		5725.000	74.79	5.53	80.32	-41.88	122.20	115	10	Peak
6		5782.000	105.44	5.72	111.16	N/A	N/A	115	10	Peak
7		5850.000	70.58	5.95	76.53	-45.67	122.20	115	10	Peak
8		5855.000	72.57	5.96	78.53	-32.27	110.80	115	10	Peak
9		5875.000	66.55	6.03	72.58	-32.62	105.20	115	10	Peak
10		5925.000	56.81	6.20	63.01	-5.19	68.20	115	10	Peak
11		5934.000	54.85	6.23	61.07	-7.13	68.20	115	10	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	By Notebook PC

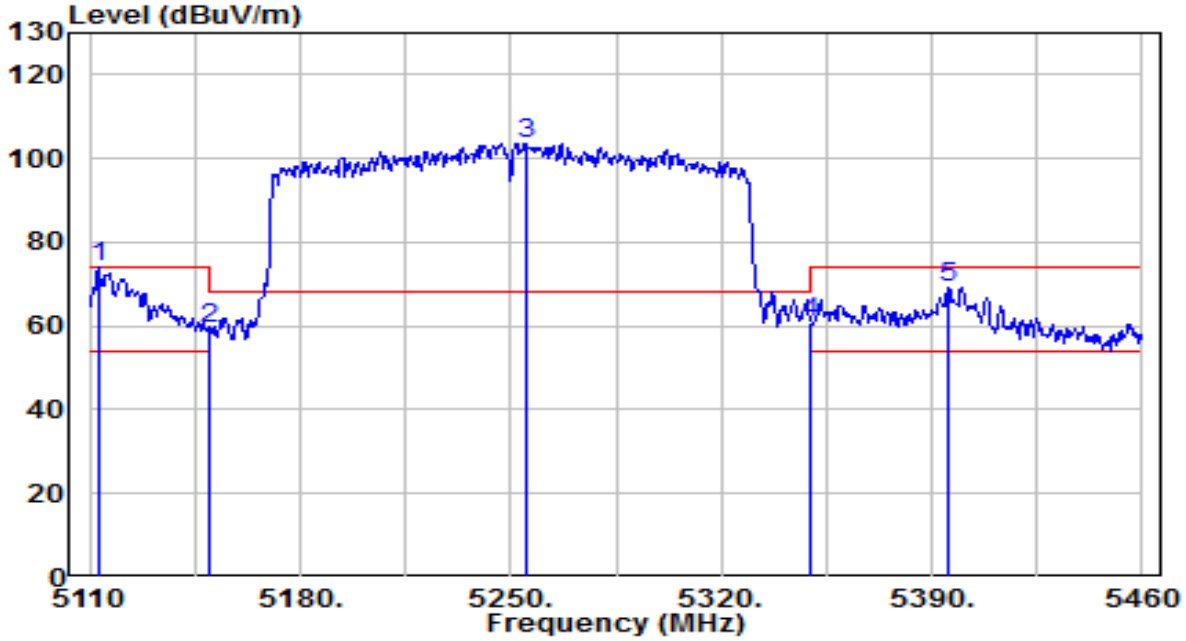


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.400	59.98	5.19	65.17	-3.03	68.20	150	335	Peak
2		5650.000	58.42	5.27	63.70	-4.50	68.20	150	335	Peak
3		5700.000	68.05	5.44	73.50	-31.70	105.20	150	335	Peak
4		5720.000	69.95	5.51	75.46	-35.34	110.80	150	335	Peak
5		5725.000	75.38	5.53	80.90	-41.30	122.20	150	335	Peak
6		5782.000	105.01	5.72	110.73	N/A	N/A	150	335	Peak
7		5850.000	69.38	5.95	75.33	-46.87	122.20	150	335	Peak
8		5855.000	70.73	5.96	76.69	-34.11	110.80	150	335	Peak
9		5875.000	64.66	6.03	70.69	-34.51	105.20	150	335	Peak
10		5925.000	53.67	6.20	59.87	-8.33	68.20	150	335	Peak
11		5934.000	54.80	6.23	61.03	-7.17	68.20	150	335	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	By Notebook PC

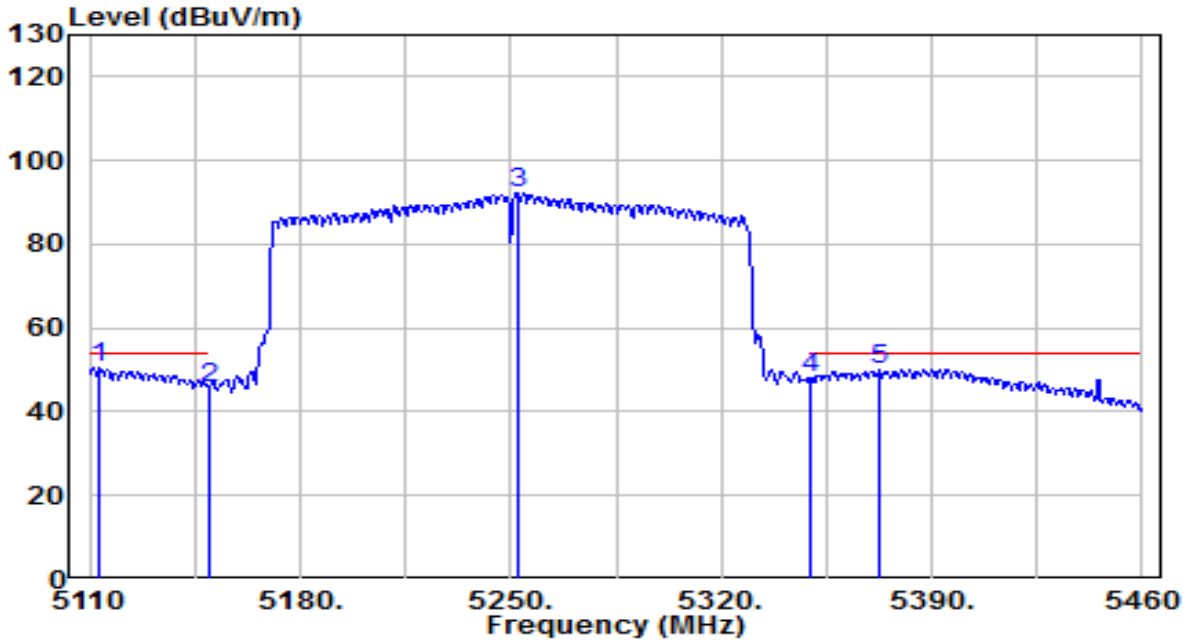


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5112.800	69.64	4.22	73.86	-0.14	74.00	130	360	Peak
2		5150.000	55.20	4.27	59.47	-14.53	74.00	130	360	Peak
3		5254.900	99.17	4.42	103.59	N/A	N/A	130	360	Peak
4		5350.000	56.47	4.56	61.03	-7.17	68.20	130	360	Peak
5		5395.600	64.63	4.62	69.25	-4.75	74.00	130	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) + 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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	By Notebook PC

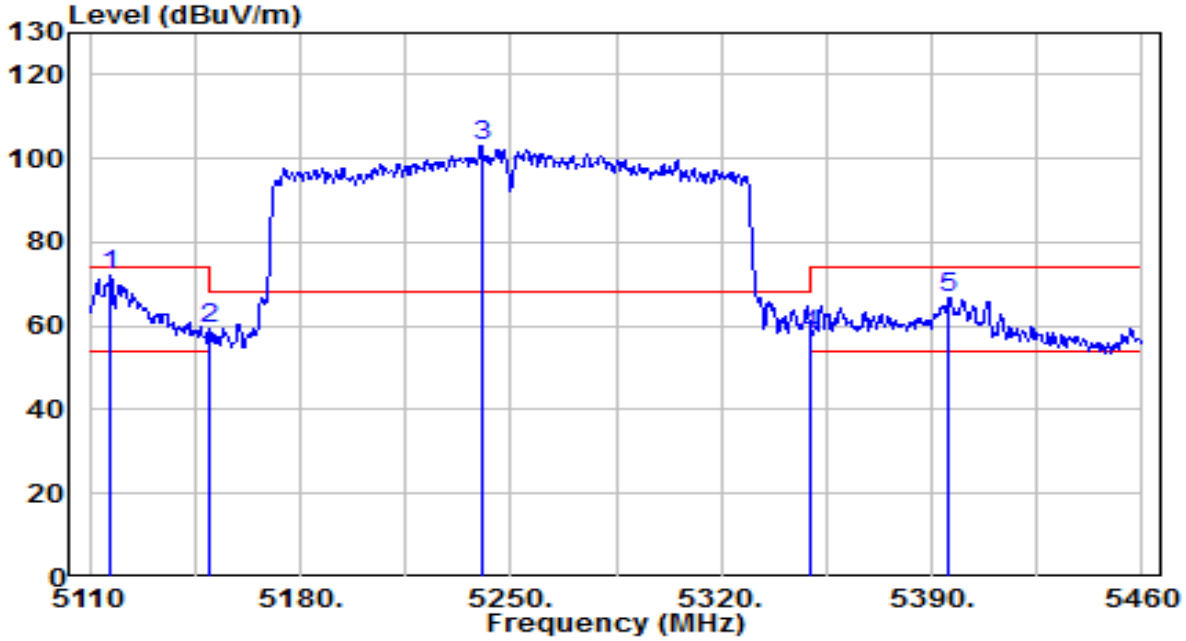


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5113.150	46.27	4.22	50.49	-3.51	54.00	130	360	Average
2		5150.000	41.54	4.27	45.82	-8.18	54.00	130	360	Average
3		5252.100	87.88	4.42	92.29	N/A	N/A	130	360	Average
4		5350.000	43.29	4.56	47.85	-6.15	54.00	130	360	Average
5		5372.500	45.44	4.59	50.03	-3.97	54.00	130	360	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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	By Notebook PC

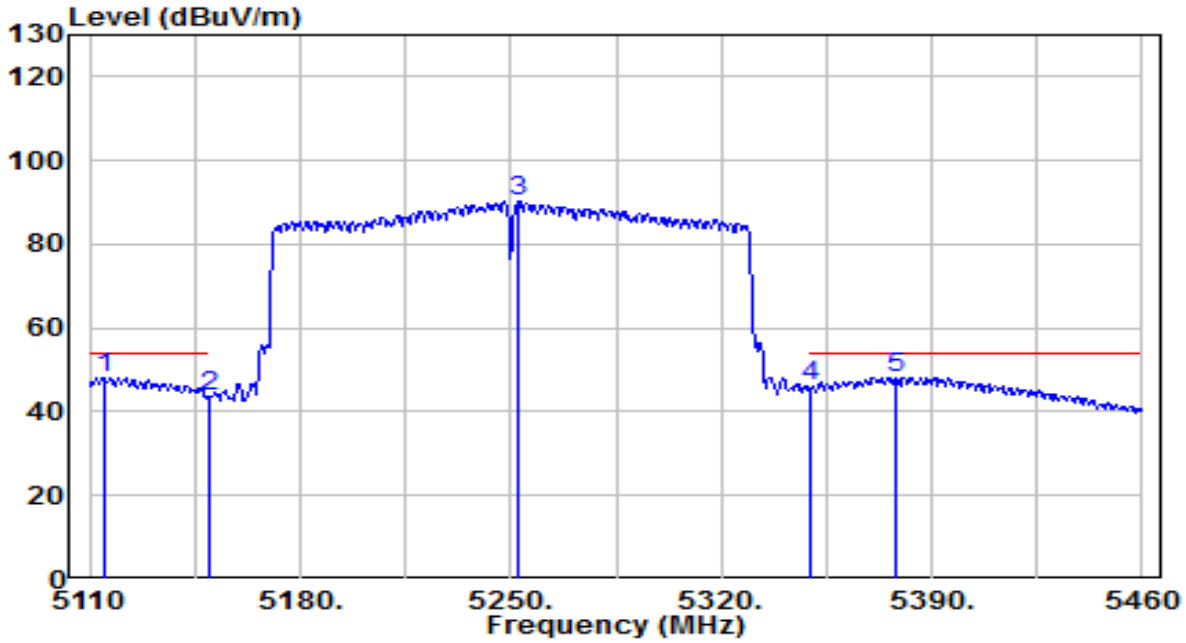


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.000	67.90	4.23	72.12	-1.88	74.00	125	5	Peak
2		5150.000	54.99	4.27	59.26	-14.74	74.00	125	5	Peak
3		5240.200	98.64	4.40	103.04	N/A	N/A	125	5	Peak
4		5350.000	53.17	4.56	57.73	-10.47	68.20	125	5	Peak
5		5395.600	62.09	4.62	66.71	-7.29	74.00	125	5	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	By Notebook PC

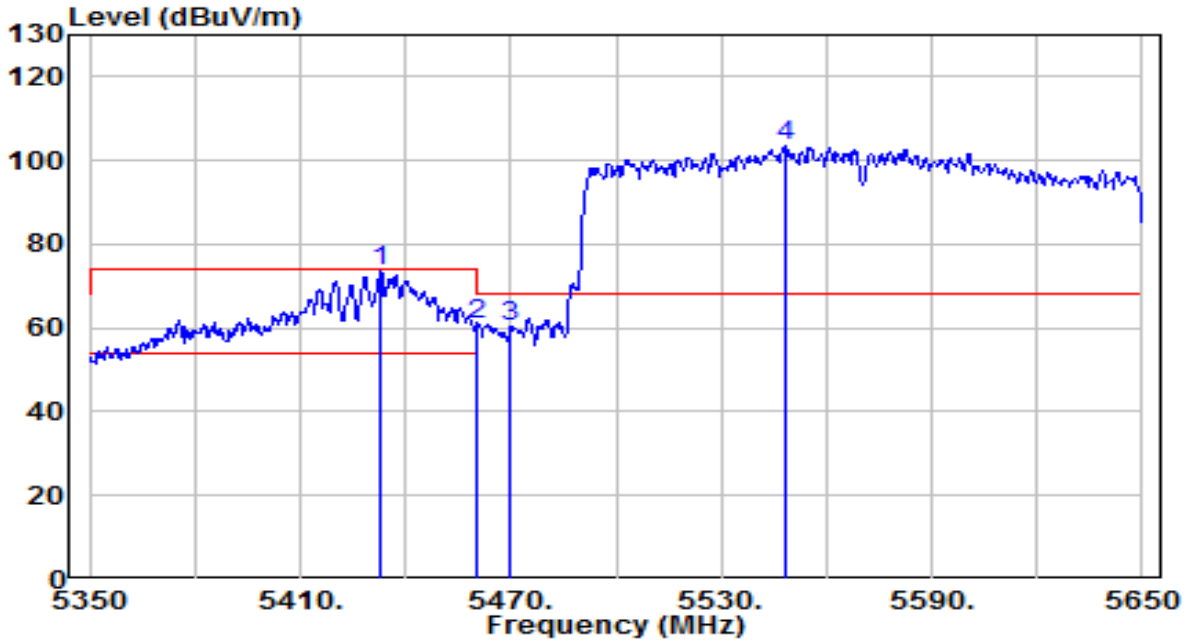


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5114.550	43.95	4.22	48.17	-5.83	54.00	125	5	Average
2		5150.000	39.61	4.27	43.88	-10.12	54.00	125	5	Average
3		5252.800	85.79	4.42	90.21	N/A	N/A	125	5	Average
4		5350.000	41.45	4.56	46.00	-8.00	54.00	125	5	Average
5	*	5378.100	43.69	4.60	48.29	-5.71	54.00	125	5	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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	By Notebook PC

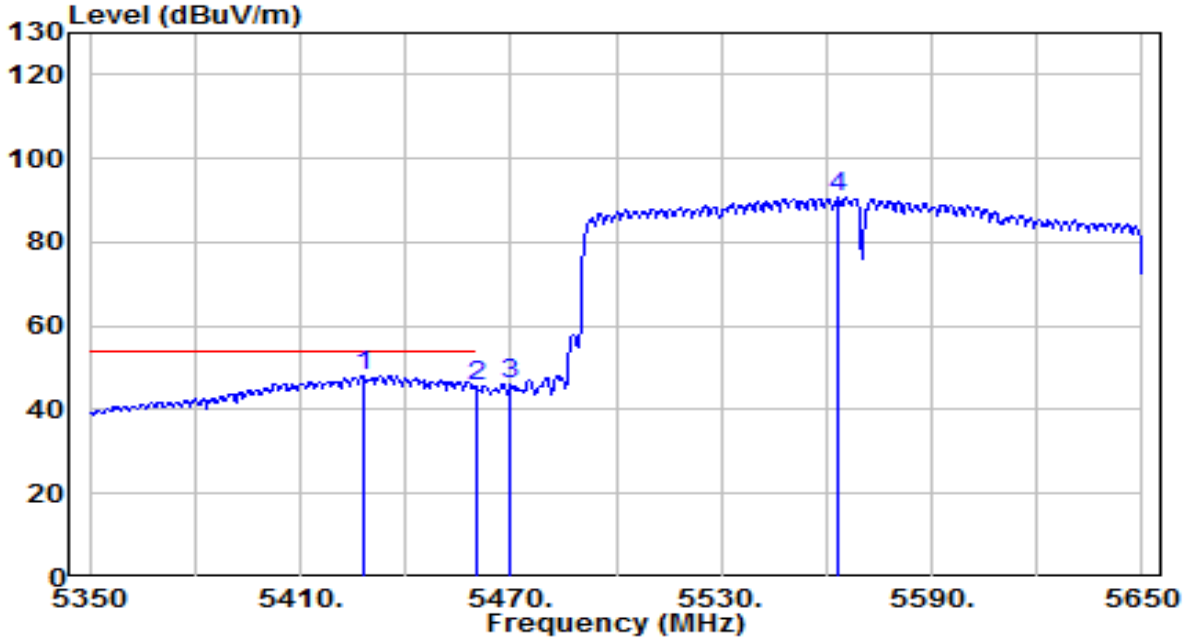


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5433.100	69.16	4.68	73.83	-0.17	74.00	135	5	Peak
2		5460.000	56.05	4.71	60.77	-7.43	68.20	135	5	Peak
3		5470.000	55.81	4.73	60.54	-7.66	68.20	135	5	Peak
4		5548.000	98.50	4.93	103.44	N/A	N/A	135	5	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	By Notebook PC

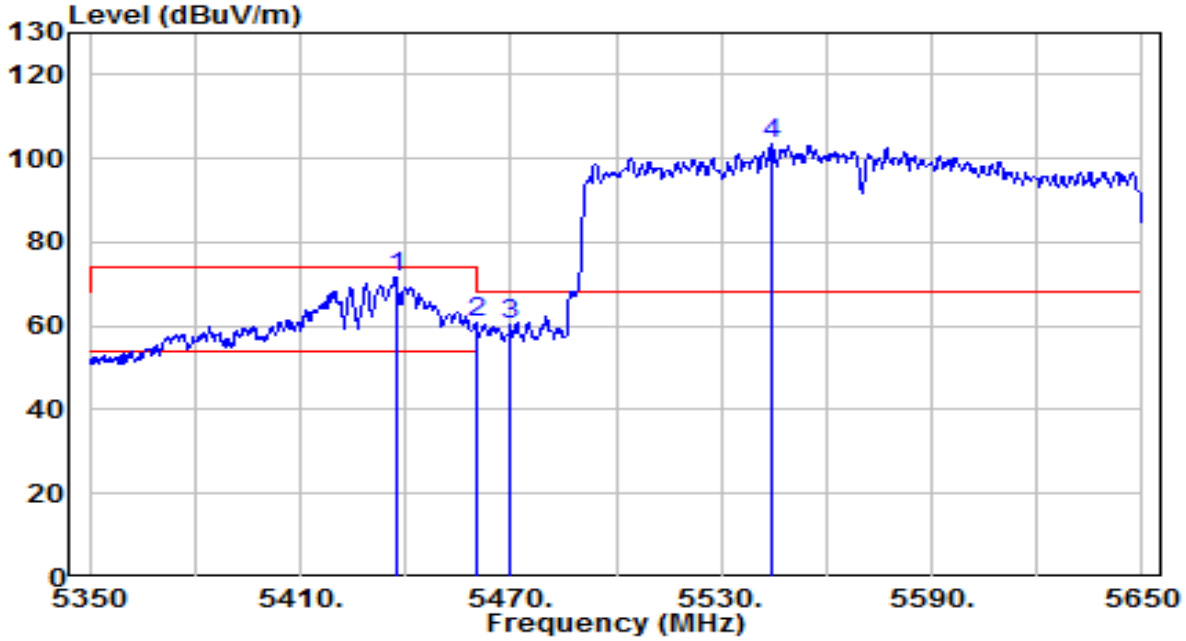


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5428.000	43.61	4.67	48.28	-5.72	54.00	135	5	Average
2		5460.000	40.92	4.71	45.63	-8.37	54.00	135	5	Average
3		5470.000	41.41	4.73	46.14	N/A	N/A	135	5	Average
4		5563.300	85.65	4.98	90.63	N/A	N/A	135	5	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	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	By Notebook PC

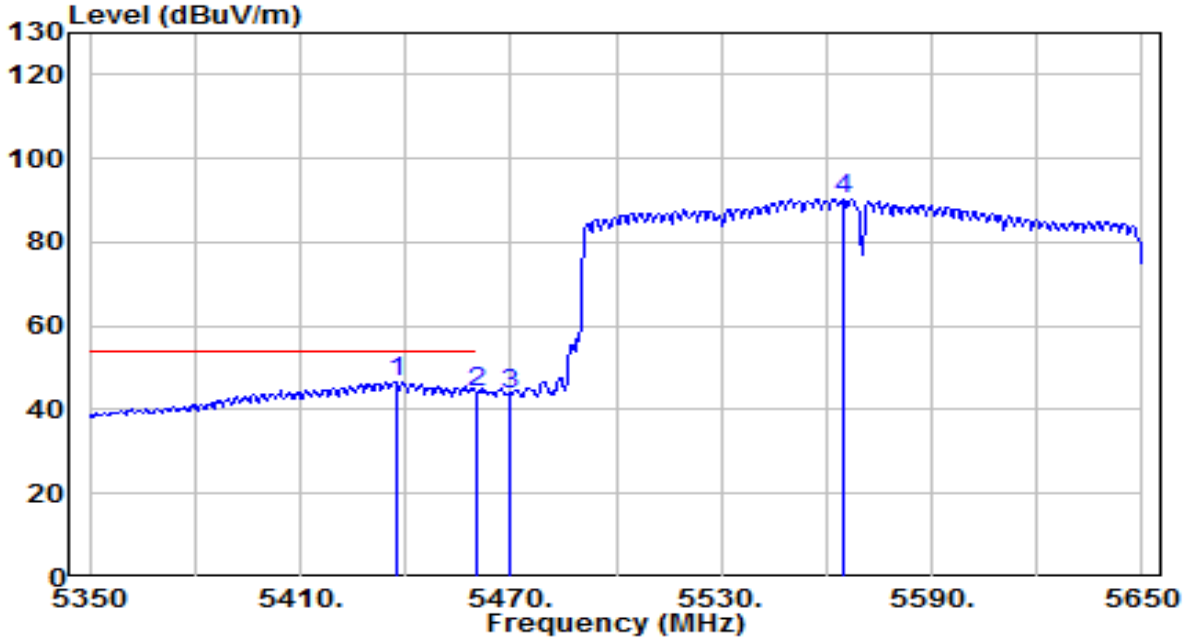


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5437.300	66.89	4.68	71.57	-2.43	74.00	230	225	Peak
2		5460.000	55.95	4.71	60.67	-7.53	68.20	230	225	Peak
3		5470.000	55.72	4.73	60.45	-7.75	68.20	230	225	Peak
4		5544.400	98.42	4.92	103.34	N/A	N/A	230	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11be-160MHz_TX_Band3_CH 114_ANT 0+1	Test Voltage	By Notebook PC



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5437.300	42.01	4.68	46.69	-7.31	54.00	230	225	Average
2		5460.000	39.58	4.71	44.30	-9.70	54.00	230	225	Average
3		5470.000	39.01	4.73	43.73	N/A	N/A	230	225	Average
4		5564.800	85.37	4.99	90.35	N/A	N/A	230	225	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 (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

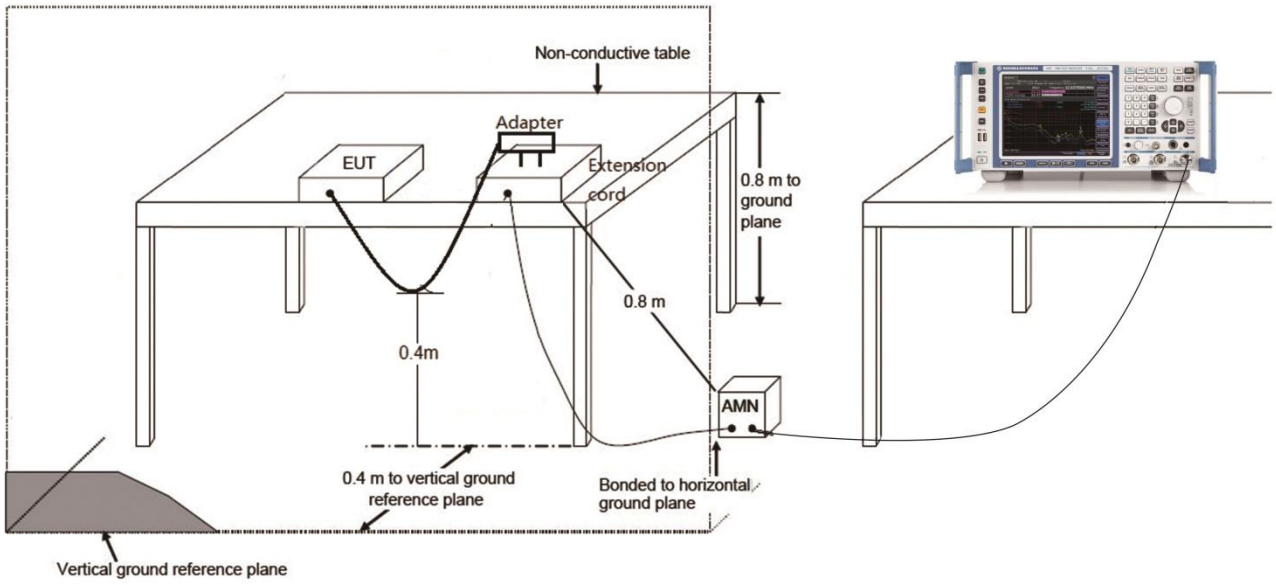
7.10.2. Test Procedure

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.

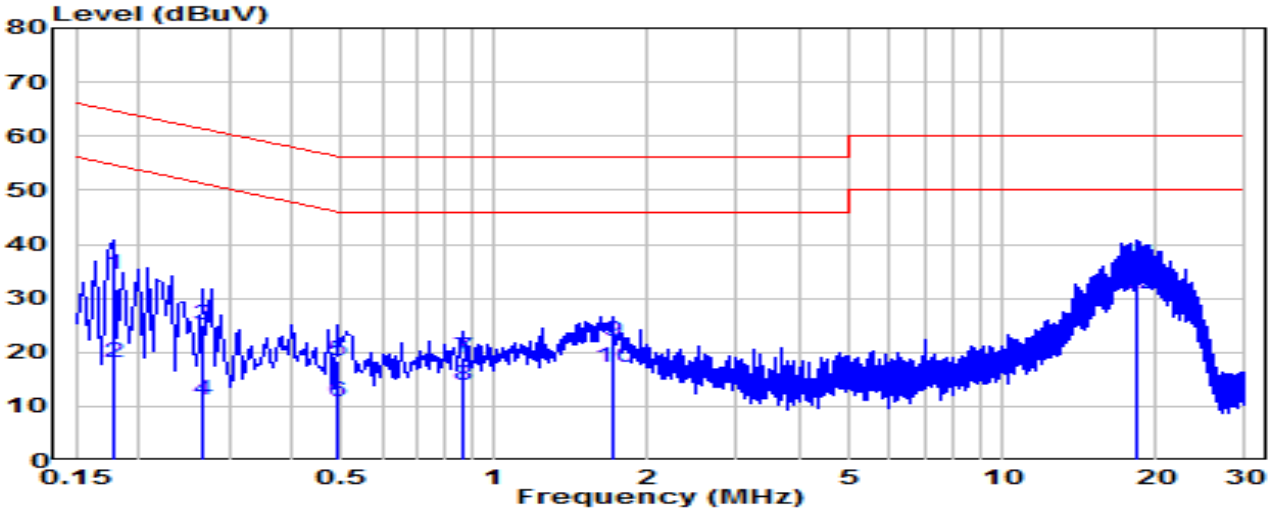
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3.Test Setup



7.10.4.Test Result

EUT	BE6500 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-16
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.5°C /49%
Polarity	Line1	Site / Test Engineer	SR2 / Will
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		0.177	24.79	9.63	34.42	-30.20	64.63	QP
2		0.177	8.34	9.63	17.98	-36.65	54.63	Average
3		0.267	15.47	9.64	25.11	-36.11	61.21	QP
4		0.267	1.42	9.64	11.06	-40.16	51.21	Average
5		0.487	8.64	9.65	18.30	-37.92	56.21	QP
6		0.487	1.35	9.65	11.00	-35.21	46.21	Average
7		0.865	9.42	9.67	19.10	-36.90	56.00	QP
8		0.865	4.30	9.67	13.97	-32.03	46.00	Average
9		1.707	12.23	9.69	21.92	-34.08	56.00	QP
10		1.707	7.51	9.69	17.20	-28.80	46.00	Average
11	*	18.279	26.16	9.93	36.08	-23.92	60.00	QP
12	*	18.279	20.75	9.93	30.68	-19.32	50.00	Average

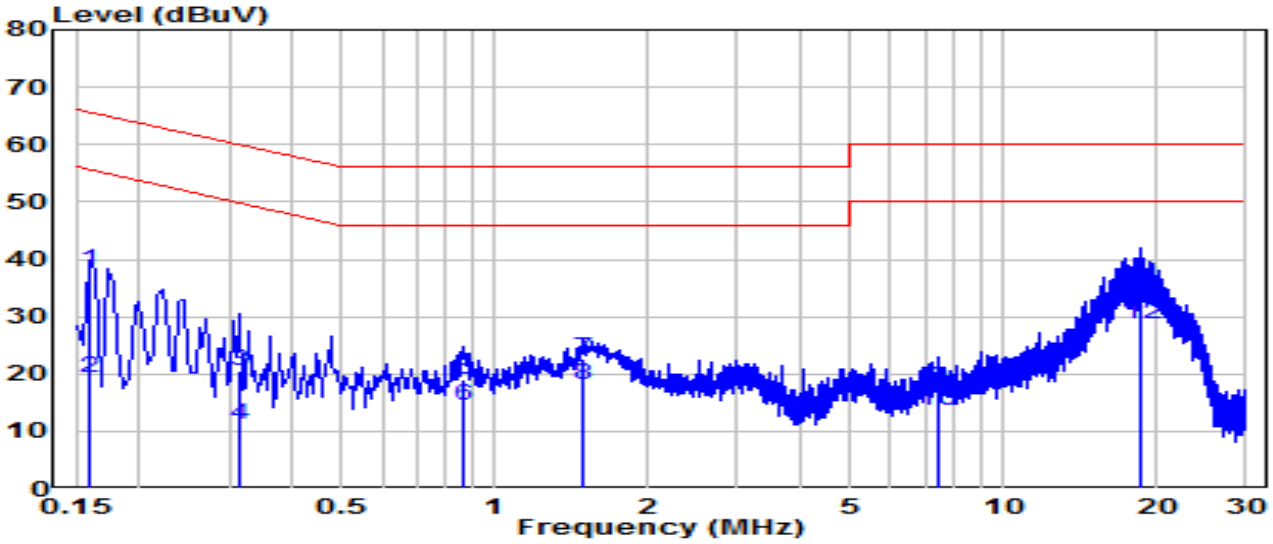
Note:

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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-16
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.5°C /49%
Polarity	Neutral	Site / Test Engineer	SR2 / Will
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

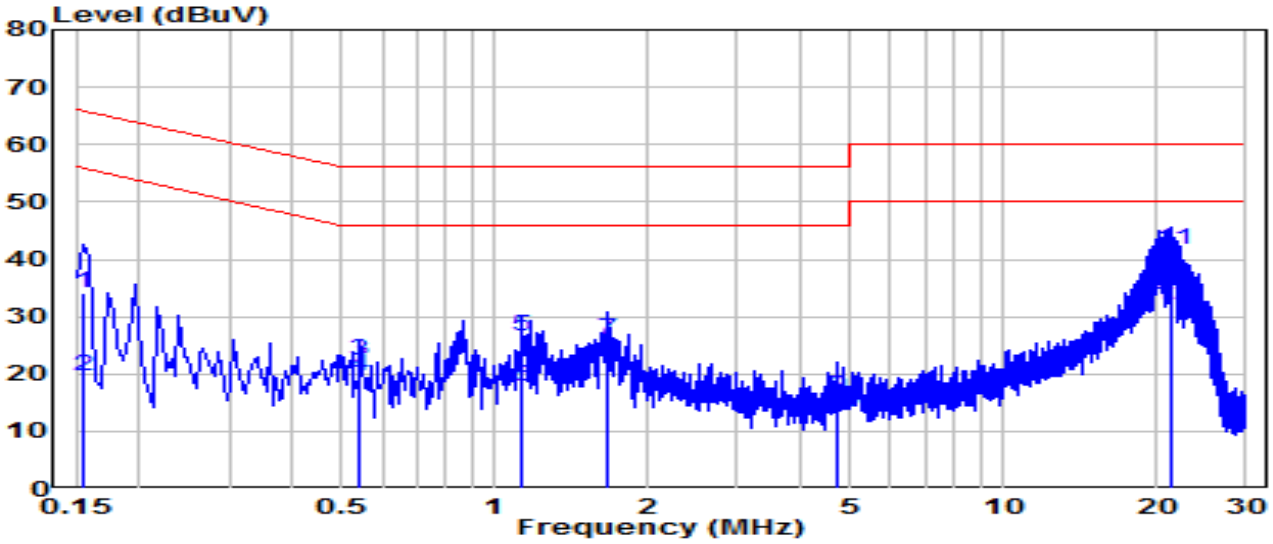


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	28.45	9.63	38.08	-27.44	65.52	QP
2		0.159	9.55	9.63	19.18	-36.34	55.52	Average
3		0.316	10.88	9.64	20.52	-39.28	59.80	QP
4		0.316	1.45	9.64	11.09	-38.71	49.80	Average
5		0.870	9.35	9.67	19.02	-36.98	56.00	QP
6		0.870	4.71	9.67	14.39	-31.61	46.00	Average
7		1.495	12.87	9.69	22.57	-33.43	56.00	QP
8		1.495	8.49	9.69	18.18	-27.82	46.00	Average
9		7.403	7.58	9.82	17.40	-42.60	60.00	QP
10		7.403	3.76	9.82	13.58	-36.42	50.00	Average
11	*	18.544	24.99	9.98	34.97	-25.03	60.00	QP
12	*	18.544	18.78	9.98	28.76	-21.24	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-16
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.5°C /49%
Polarity	Line1	Site / Test Engineer	SR2 / Will
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 240V/60Hz

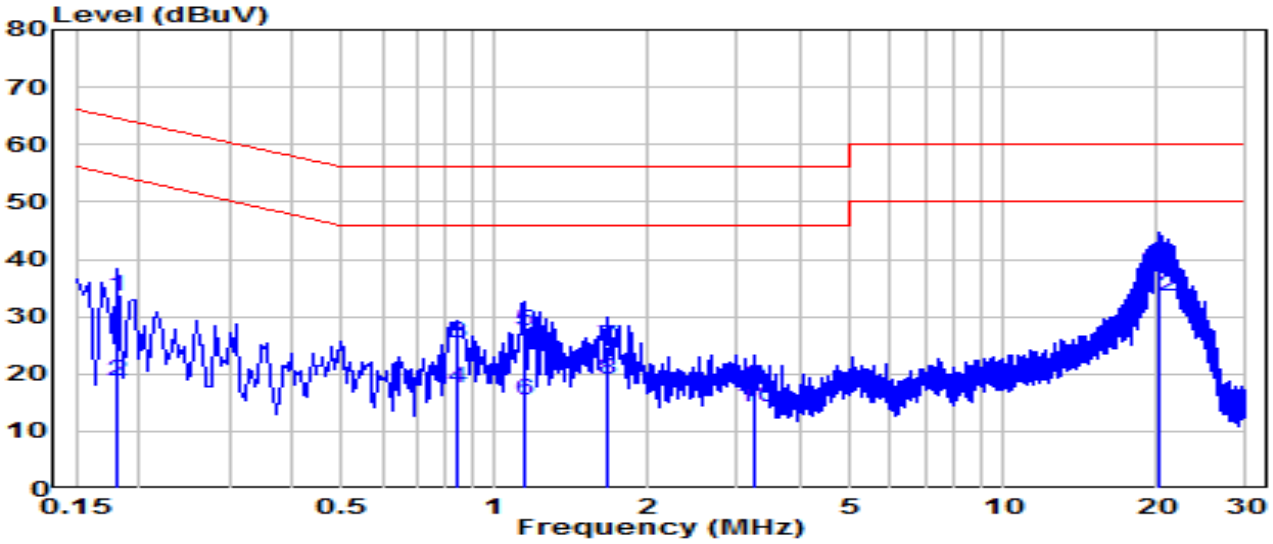


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.154	24.38	9.63	34.01	-31.74	65.75	QP
2		0.154	9.94	9.63	19.57	-36.18	55.75	Average
3		0.541	12.64	9.65	22.29	-33.71	56.00	QP
4		0.541	9.85	9.65	19.51	-26.49	46.00	Average
5		1.135	16.80	9.68	26.48	-29.52	56.00	QP
6		1.135	8.01	9.68	17.69	-28.31	46.00	Average
7		1.675	16.33	9.69	26.02	-29.98	56.00	QP
8		1.675	12.22	9.69	21.91	-24.09	46.00	Average
9		4.722	6.34	9.74	16.08	-39.92	56.00	QP
10		4.722	3.45	9.74	13.19	-32.81	46.00	Average
11	*	21.442	31.76	9.93	41.69	-18.31	60.00	QP
12	*	21.442	21.93	9.93	31.86	-18.14	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 Wi-Fi 7 High Gain Wireless USB Adapter	Date of Test	2024-09-16
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.5°C /49%
Polarity	Neutral	Site / Test Engineer	SR2 / Will
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.181	23.96	9.63	33.59	-30.82	64.42	QP
2		0.181	8.97	9.63	18.60	-35.82	54.42	Average
3		0.838	15.57	9.67	25.24	-30.76	56.00	QP
4		0.838	7.72	9.67	17.39	-28.61	46.00	Average
5		1.140	17.77	9.68	27.45	-28.55	56.00	QP
6		1.140	5.80	9.68	15.48	-30.52	46.00	Average
7		1.671	14.92	9.70	24.62	-31.38	56.00	QP
8		1.671	9.38	9.70	19.08	-26.92	46.00	Average
9		3.223	8.19	9.73	17.92	-38.08	56.00	QP
10		3.223	4.32	9.73	14.05	-31.95	46.00	Average
11	*	20.114	28.17	10.00	38.17	-21.83	60.00	QP
12	*	20.114	23.38	10.00	33.38	-16.62	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 “2407TW0105-UT” file.

Appendix B : EUT Photograph

Refer to “2407TW0105-UE” file.

Appendix C : Internal Photograph

Refer to “2407TW0105-UI” file.

The End