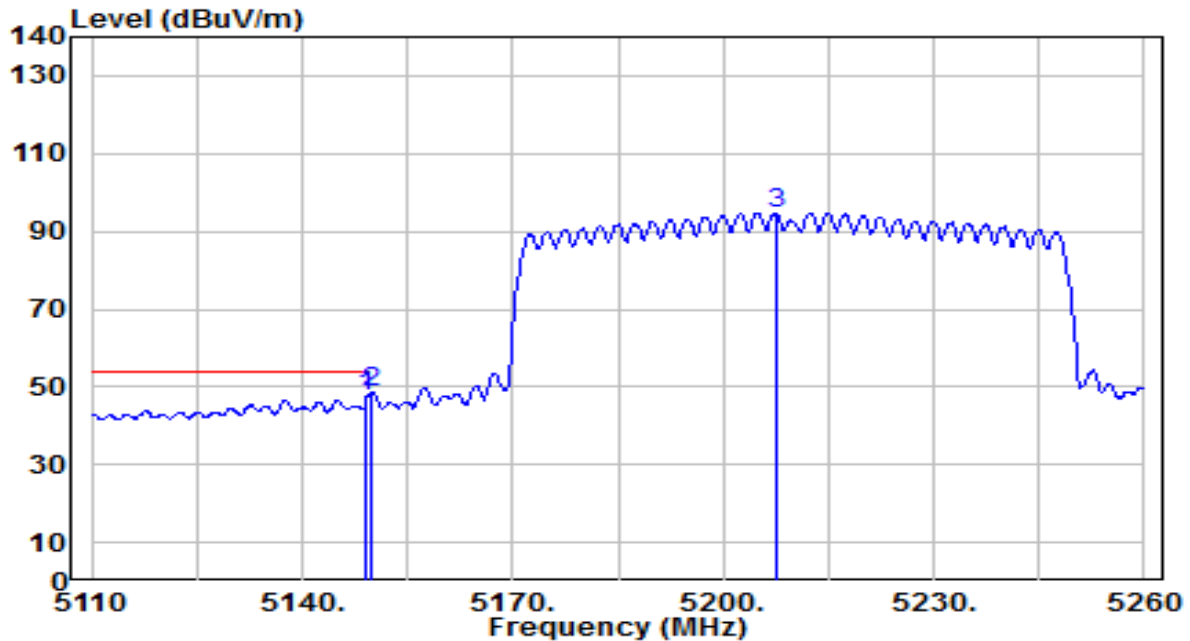


EUT	AX1800 Ceiling Mount WiFi 6 Access Point	Date of Test	2025-05-13
Factor	BBHA 9120D	Temp. / Humidity	22°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Marvin
Test Mode	802.11ax-80MHz_TX_Band 1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

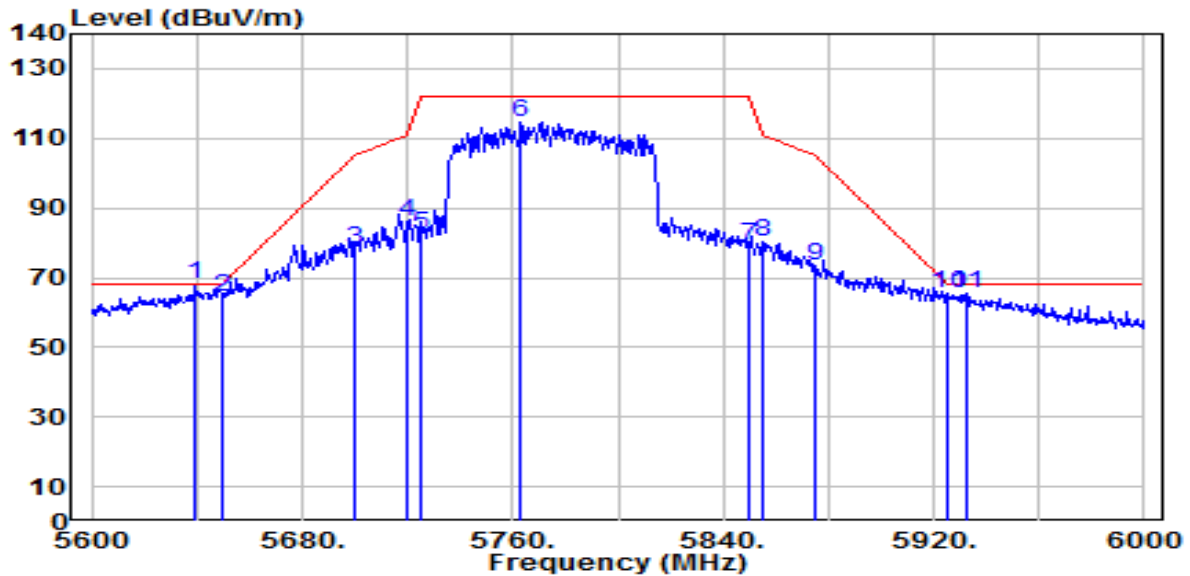


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.150	42.39	5.06	47.45	-6.55	54.00	300	150	Average
2	* 5150.000	43.46	5.06	48.52	-5.48	54.00	300	150	Average
3	5207.500	89.64	5.14	94.78	N/A	N/A	300	150	Average

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	AX1800 Ceiling Mount WiFi 6 Access Point	Date of Test	2025-05-13
Factor	BBHA 9120D	Temp. / Humidity	22°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Marvin
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

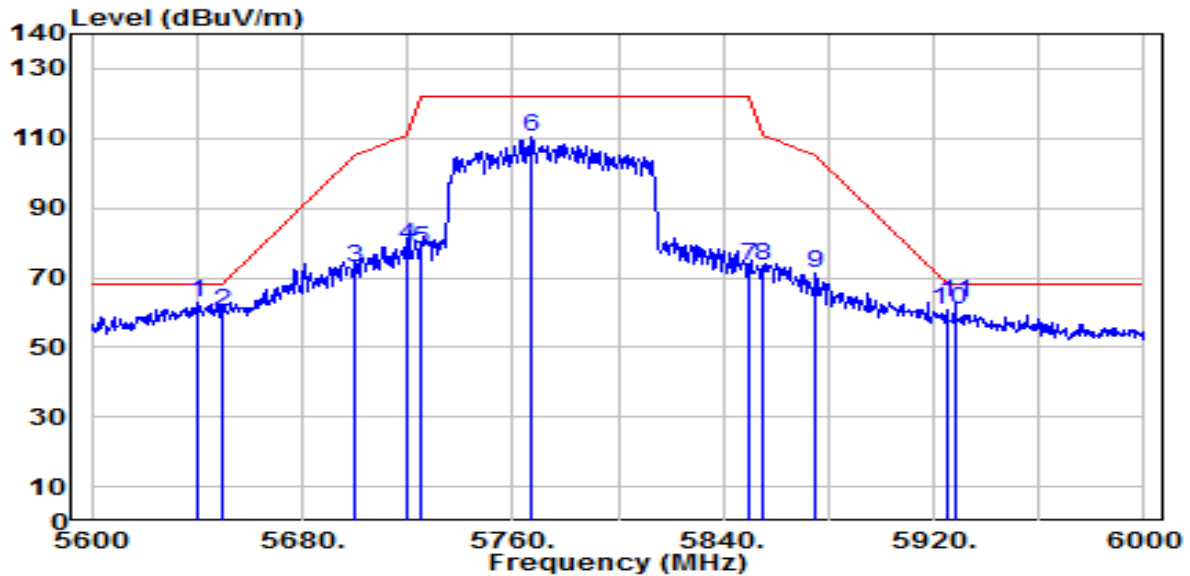


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5638.800	62.17	5.84	68.01	-0.19	68.20	126	242	Peak
2		5650.000	58.53	5.88	64.41	-3.79	68.20	126	242	Peak
3		5700.000	72.33	6.05	78.39	-26.81	105.20	126	242	Peak
4		5720.000	79.83	6.13	85.95	-24.85	110.80	126	242	Peak
5		5725.000	76.14	6.14	82.28	-39.92	122.20	126	242	Peak
6		5763.200	108.53	6.28	114.81	N/A	N/A	126	242	Peak
7		5850.000	72.68	6.57	79.25	-42.95	122.20	126	242	Peak
8		5855.000	73.60	6.59	80.19	-30.61	110.80	126	242	Peak
9		5875.000	66.89	6.65	73.54	-31.66	105.20	126	242	Peak
10		5925.000	58.55	6.81	65.36	-2.84	68.20	126	242	Peak
11		5932.400	58.86	6.84	65.70	-2.50	68.20	126	242	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	AX1800 Ceiling Mount WiFi 6 Access Point	Date of Test	2025-05-13
Factor	BBHA 9120D	Temp. / Humidity	22°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Marvin
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_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	*	5640.400	57.21	5.85	63.05	-5.15	68.20	300	194	Peak
2		5650.000	54.33	5.88	60.21	-7.99	68.20	300	194	Peak
3		5700.000	66.71	6.05	72.77	-32.43	105.20	300	194	Peak
4		5720.000	73.01	6.13	79.14	-31.66	110.80	300	194	Peak
5		5725.000	71.84	6.14	77.99	-44.21	122.20	300	194	Peak
6		5767.200	103.98	6.30	110.28	N/A	N/A	300	194	Peak
7		5850.000	67.11	6.57	73.68	-48.52	122.20	300	194	Peak
8		5855.000	66.92	6.59	73.50	-37.30	110.80	300	194	Peak
9		5875.000	64.91	6.65	71.56	-33.64	105.20	300	194	Peak
10		5925.000	53.80	6.81	60.61	-7.59	68.20	300	194	Peak
11		5928.400	55.80	6.83	62.63	-5.57	68.20	300	194	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

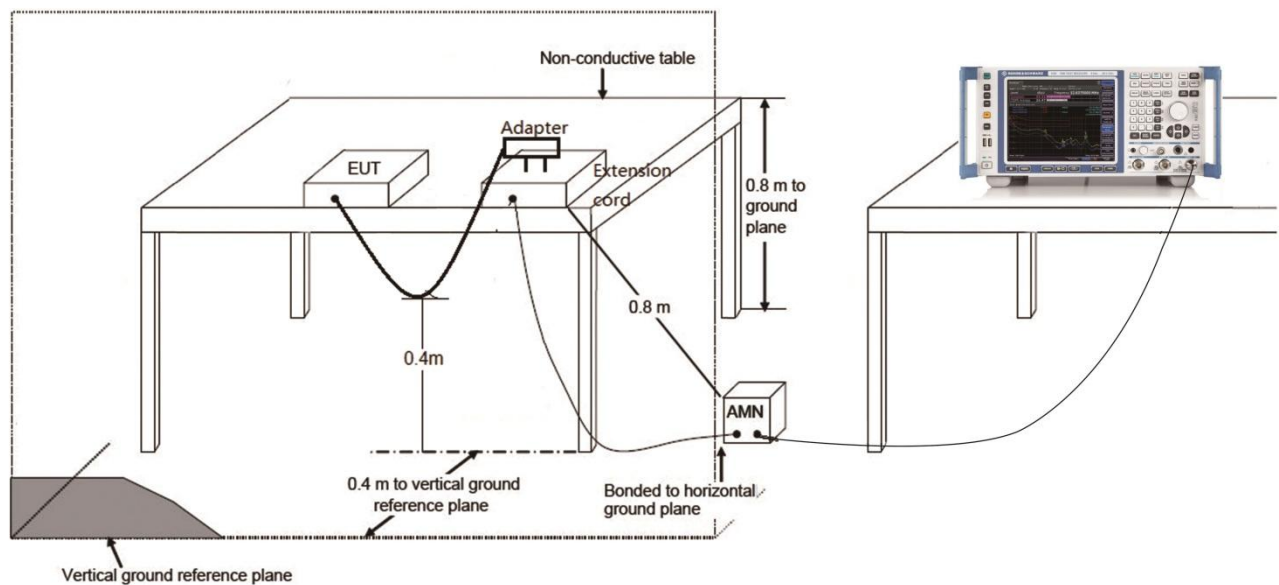
7.9.1. Test Limit

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.

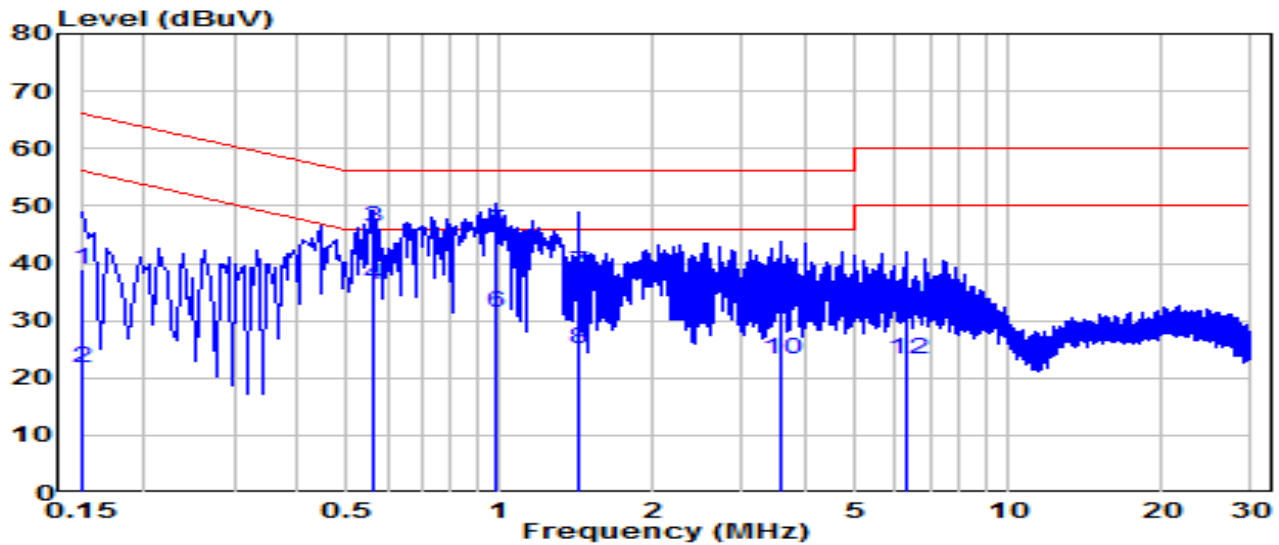
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.9.2. Test Setup



7.9.3.Test Result

EUT	AX1800 Ceiling Mount WiFi 6 Access Point	Date of Test	2025-04-30
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.1°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

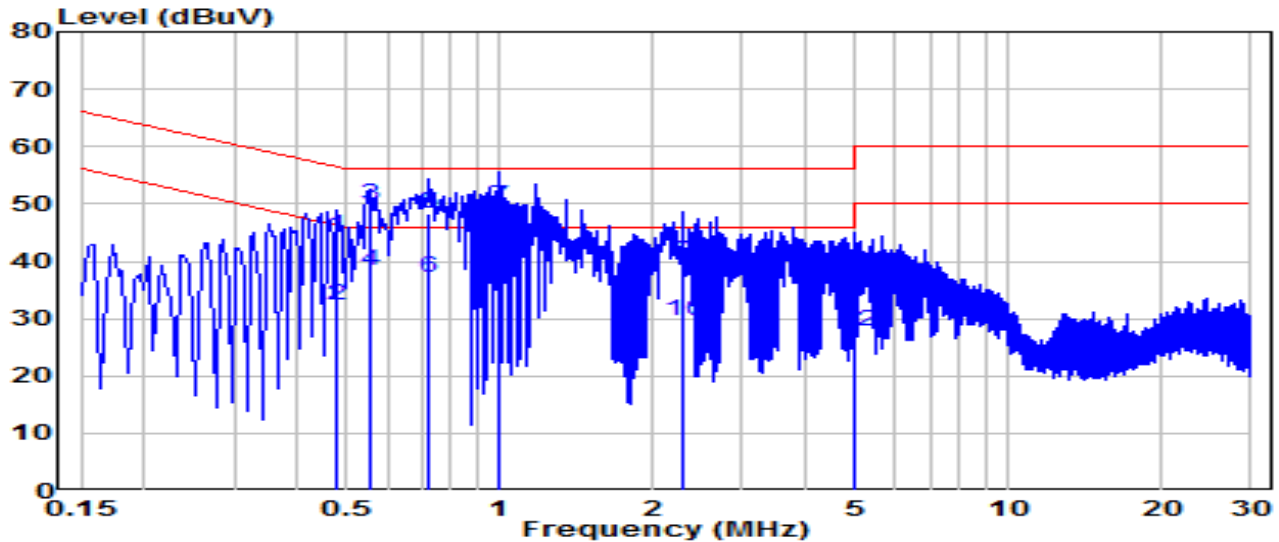


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.150	29.33	9.63	38.96	-27.04	66.00	QP
2	0.150	11.99	9.63	21.62	-34.38	56.00	Average
3	* 0.564	36.41	9.65	46.05	-9.95	56.00	QP
4	* 0.564	26.57	9.65	36.21	-9.79	46.00	Average
5	0.978	35.82	9.67	45.49	-10.51	56.00	QP
6	0.978	21.88	9.67	31.55	-14.45	46.00	Average
7	1.428	28.57	9.68	38.25	-17.75	56.00	QP
8	1.428	15.41	9.68	25.09	-20.91	46.00	Average
9	3.552	25.85	9.72	35.57	-20.43	56.00	QP
10	3.552	13.46	9.72	23.18	-22.82	46.00	Average
11	6.301	22.72	9.78	32.50	-27.50	60.00	QP
12	6.301	13.38	9.78	23.16	-26.84	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	AX1800 Ceiling Mount WiFi 6 Access Point	Date of Test	2025-04-30
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.1°C /50%
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	0.478	34.71	9.64	44.35	-12.02	56.37	QP
2	0.478	22.76	9.64	32.40	-13.96	46.37	Average
3	* 0.555	40.08	9.64	49.73	-6.27	56.00	QP
4	* 0.555	28.75	9.64	38.39	-7.61	46.00	Average
5	0.726	38.58	9.65	48.24	-7.76	56.00	QP
6	0.726	27.33	9.65	36.98	-9.02	46.00	Average
7	1.000	39.81	9.67	49.48	-6.52	56.00	QP
8	1.000	28.30	9.67	37.97	-8.03	46.00	Average
9	2.278	30.03	9.70	39.73	-16.27	56.00	QP
10	2.278	19.98	9.70	29.68	-16.32	46.00	Average
11	5.001	28.36	9.75	38.11	-21.89	60.00	QP
12	5.001	17.96	9.75	27.71	-22.29	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 “2504TW0123-UT” file.

Appendix B : EUT Photograph

Refer to “2504TW0123-UE” file.

Appendix C : Internal Photograph

Refer to “2504TW0123-UI” file.

_____ The End _____