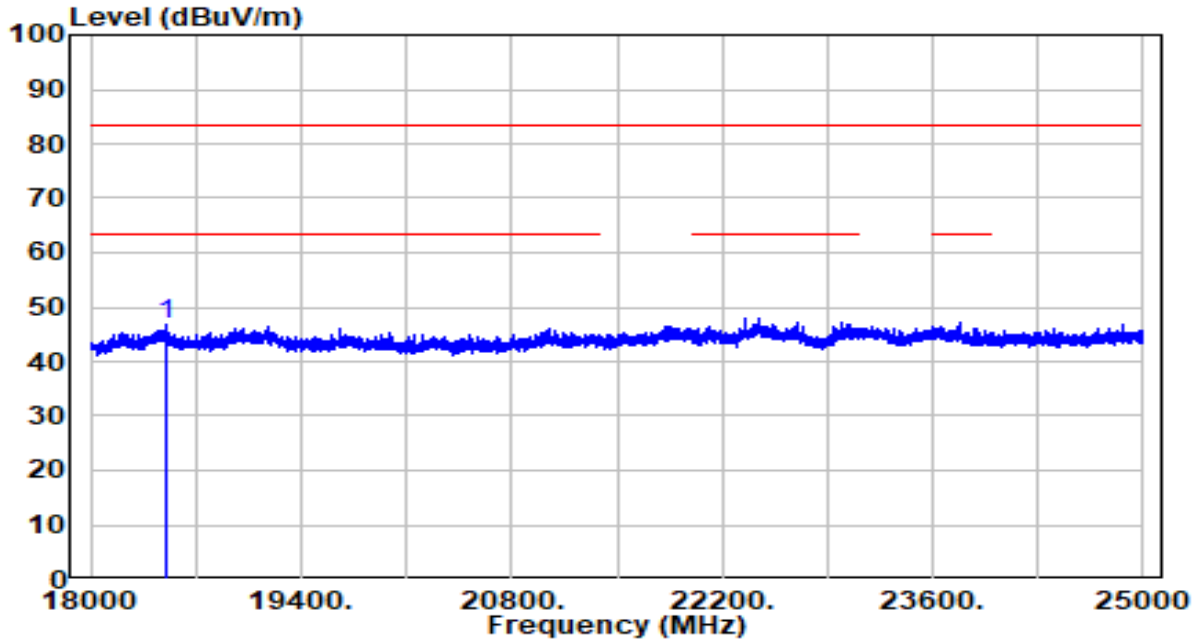
EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-10
Factor	BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ac-20MHz_TX_CH 40_ANT 1+2	Test Voltage	By Notebook PC



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	*	18498.230	35.09	11.70	46.79	-36.71	83.50	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).
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.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

7.7.3.Test Setting

Peak Field Strength Measurements

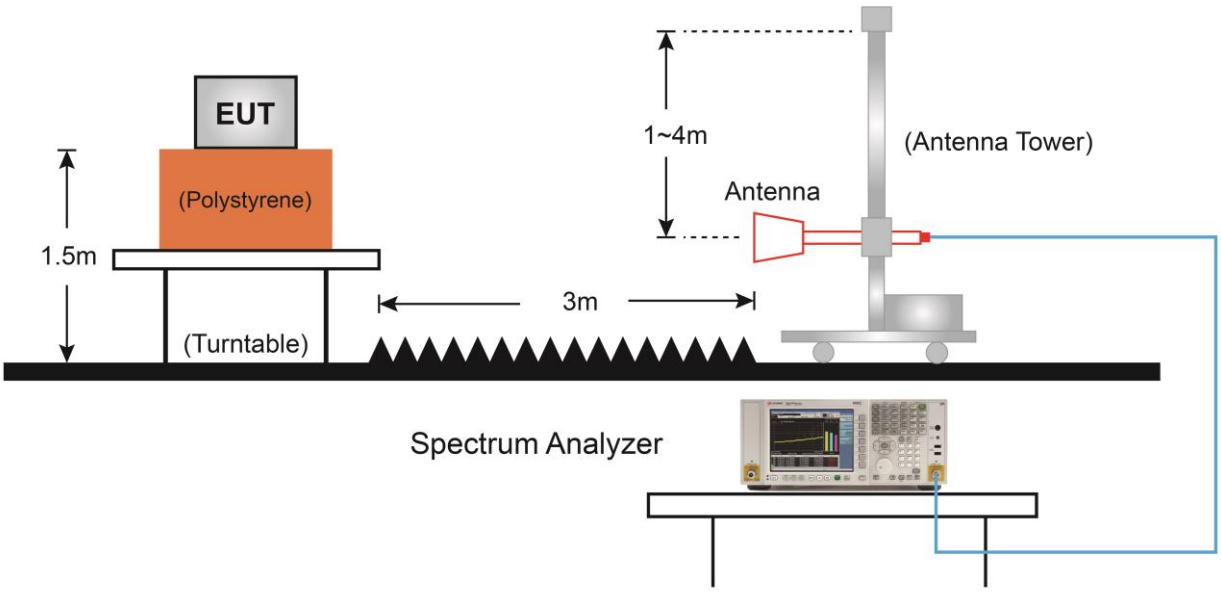
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

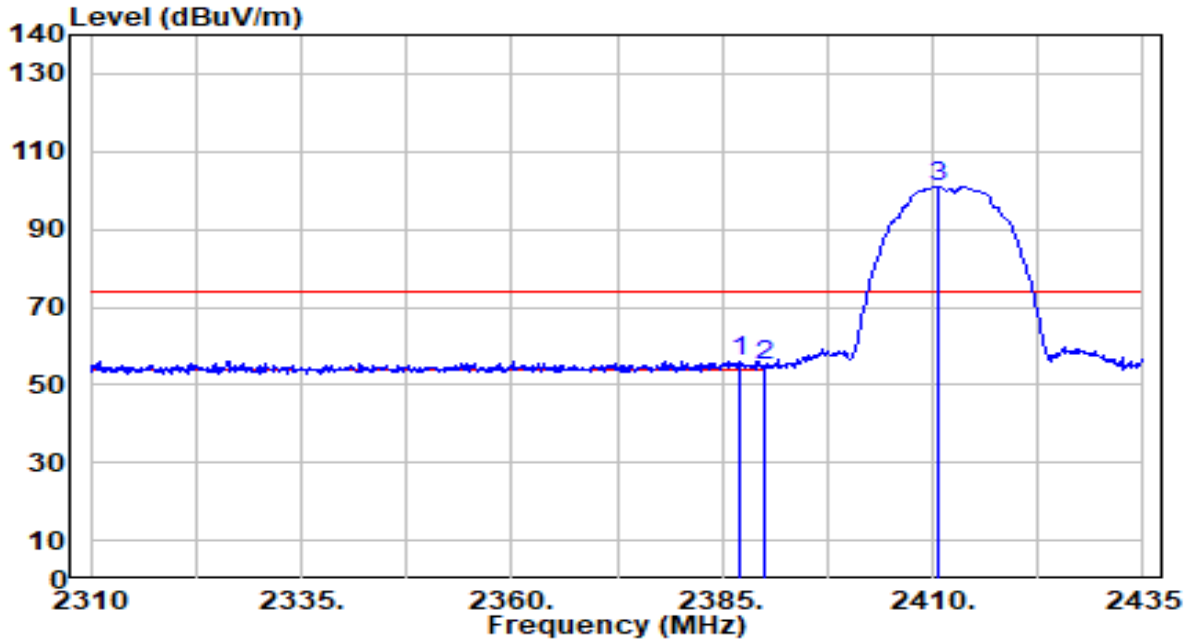
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.7.4.Test Setup



7.7.5.Test Result

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

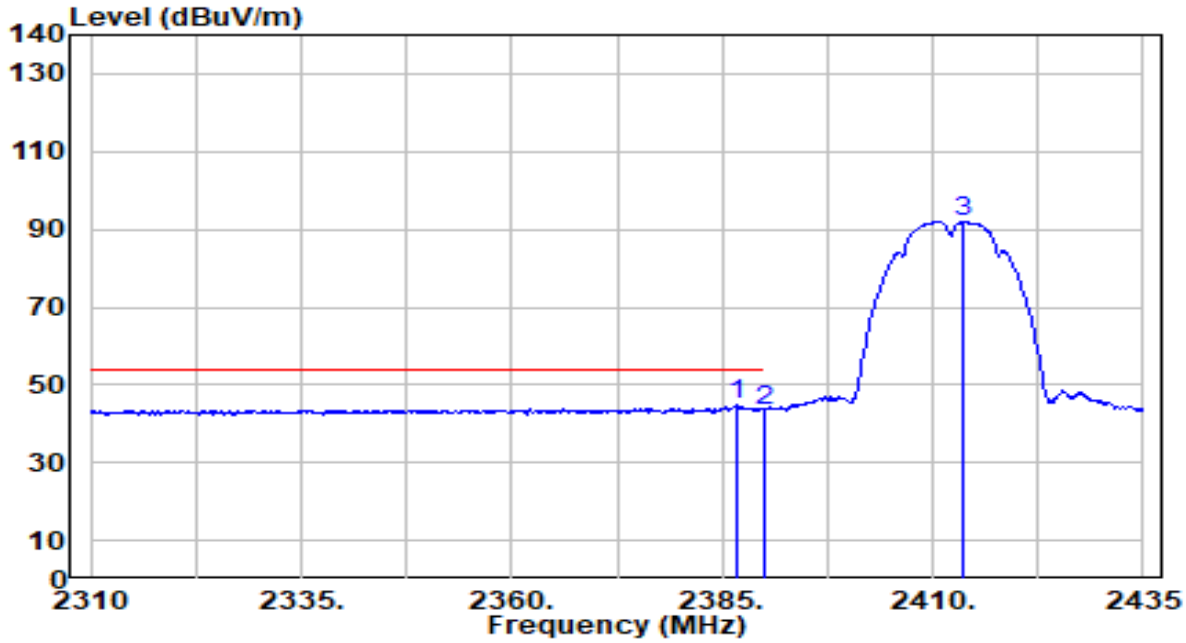


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.000	25.73	30.44	56.17	-17.83	74.00	100	249	Peak
2		2390.000	24.26	30.45	54.71	-19.29	74.00	100	249	Peak
3		2410.625	70.62	30.49	101.11	N/A	N/A	100	249	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

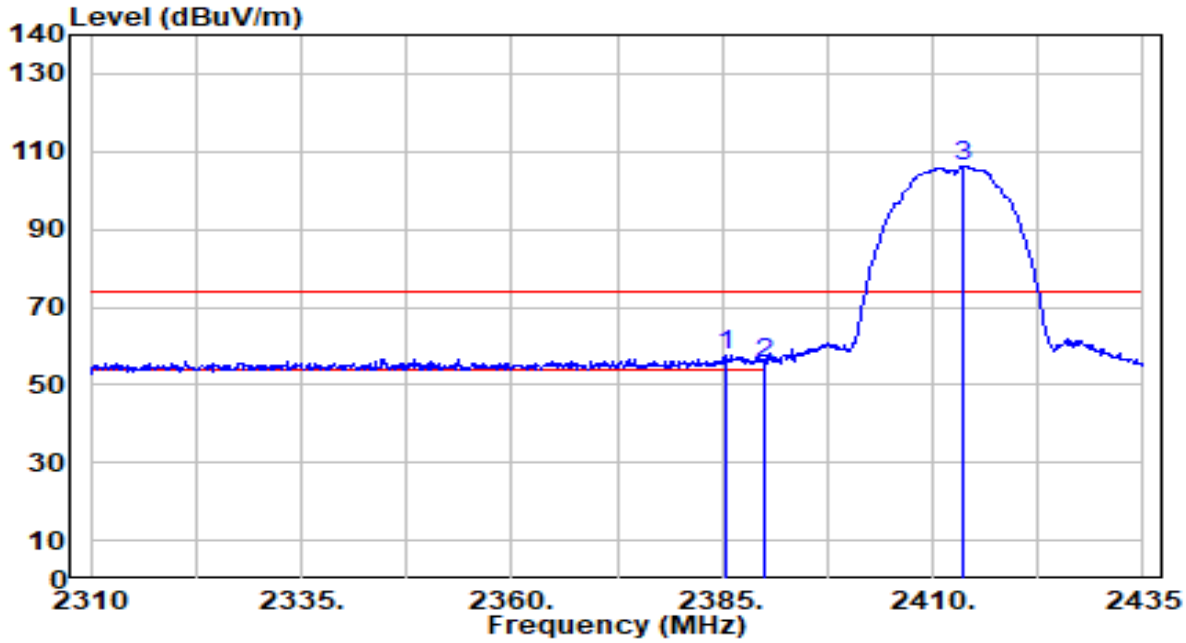


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2386.875	14.22	30.44	44.66	-9.34	54.00	100	249	Average
2		2390.000	13.06	30.45	43.51	-10.49	54.00	100	249	Average
3		2413.750	61.32	30.49	91.82	N/A	N/A	100	249	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

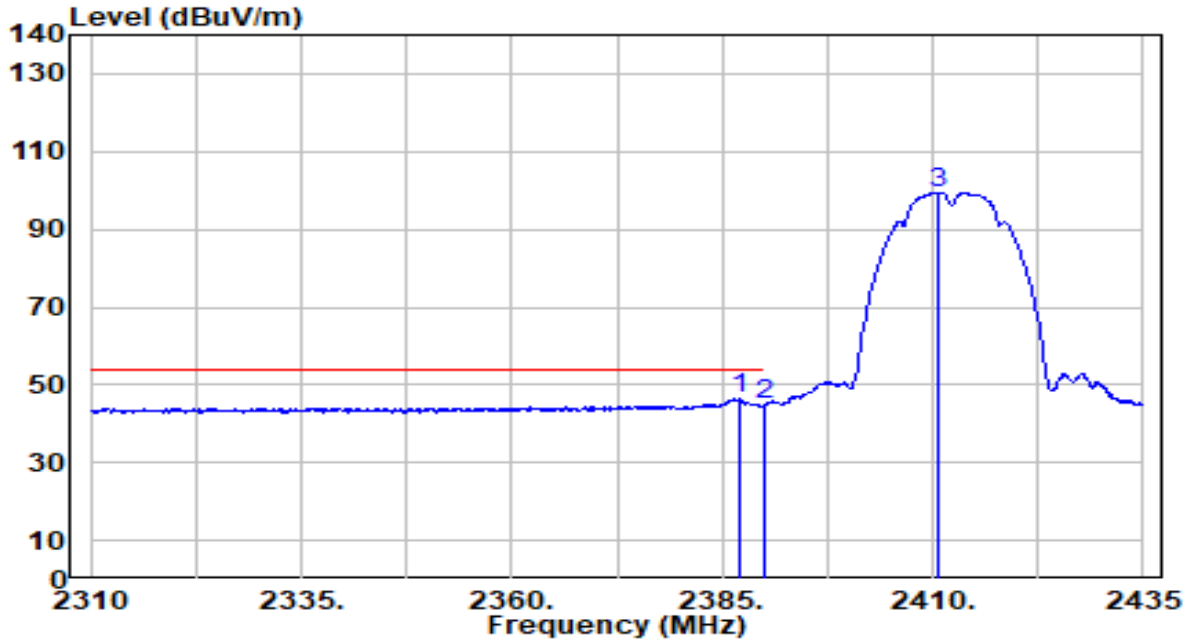


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2385.500	27.04	30.43	57.48	-16.52	74.00	100	221	Peak
2		2390.000	24.88	30.45	55.33	-18.67	74.00	100	221	Peak
3		2413.750	75.67	30.49	106.16	N/A	N/A	100	221	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

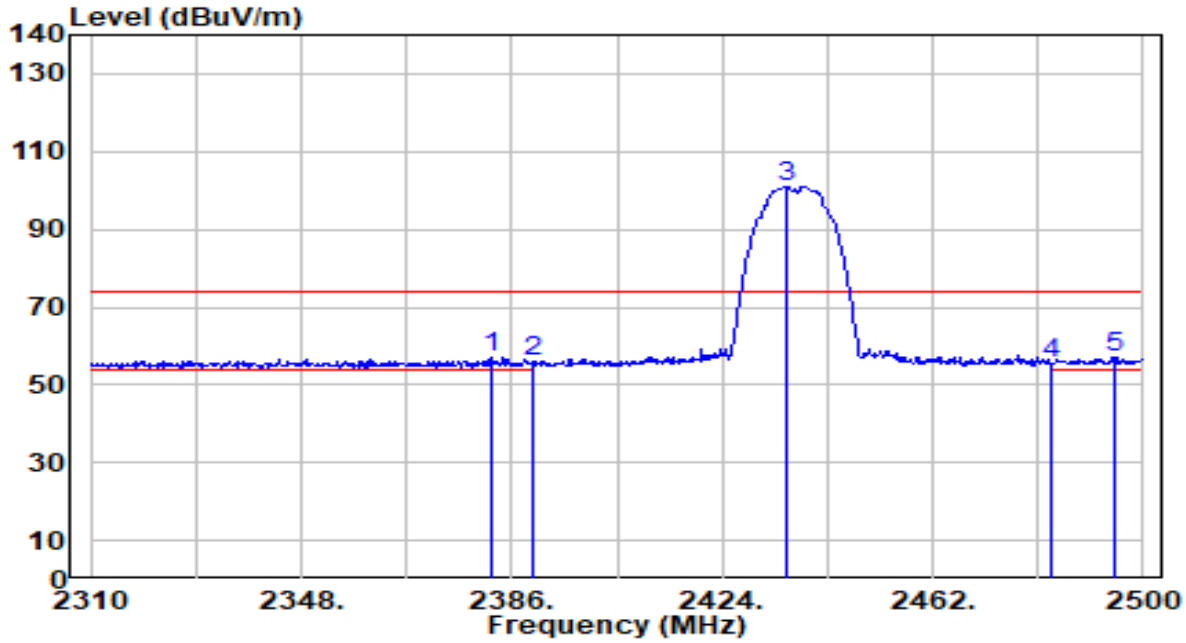


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.125	16.05	30.44	46.49	-7.51	54.00	100	221	Average
2		2390.000	14.51	30.45	44.96	-9.04	54.00	100	221	Average
3		2410.500	68.84	30.49	99.33	N/A	N/A	100	221	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

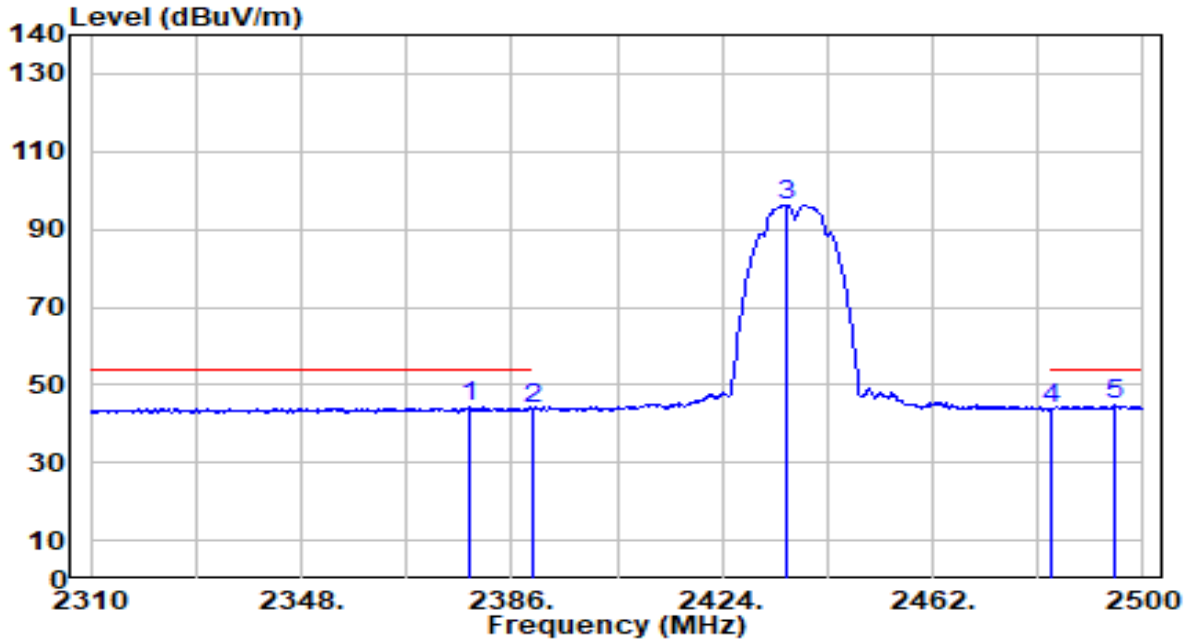


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2382.200	26.72	30.43	57.14	-16.86	74.00	100	253	Peak
2		2390.000	25.39	30.45	55.84	-18.16	74.00	100	253	Peak
3		2435.590	70.54	30.52	101.07	N/A	N/A	100	253	Peak
4		2483.500	24.96	30.59	55.55	-18.45	74.00	100	253	Peak
5		2495.060	26.46	30.60	57.06	-16.94	74.00	100	253	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

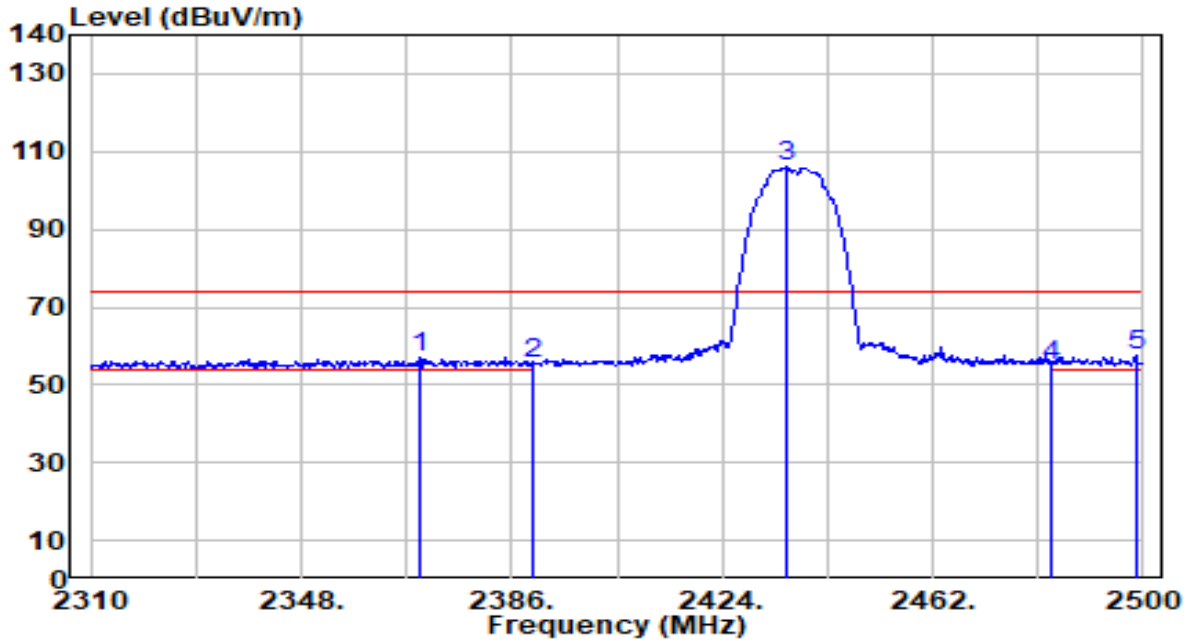


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2378.400	13.83	30.41	44.25	-9.75	54.00	100	253	Average
2		2390.000	13.57	30.45	44.02	-9.98	54.00	100	253	Average
3		2435.400	65.50	30.52	96.02	N/A	N/A	100	253	Average
4		2483.500	13.44	30.59	44.03	-9.97	54.00	100	253	Average
5	*	2494.870	14.07	30.60	44.68	-9.32	54.00	100	253	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

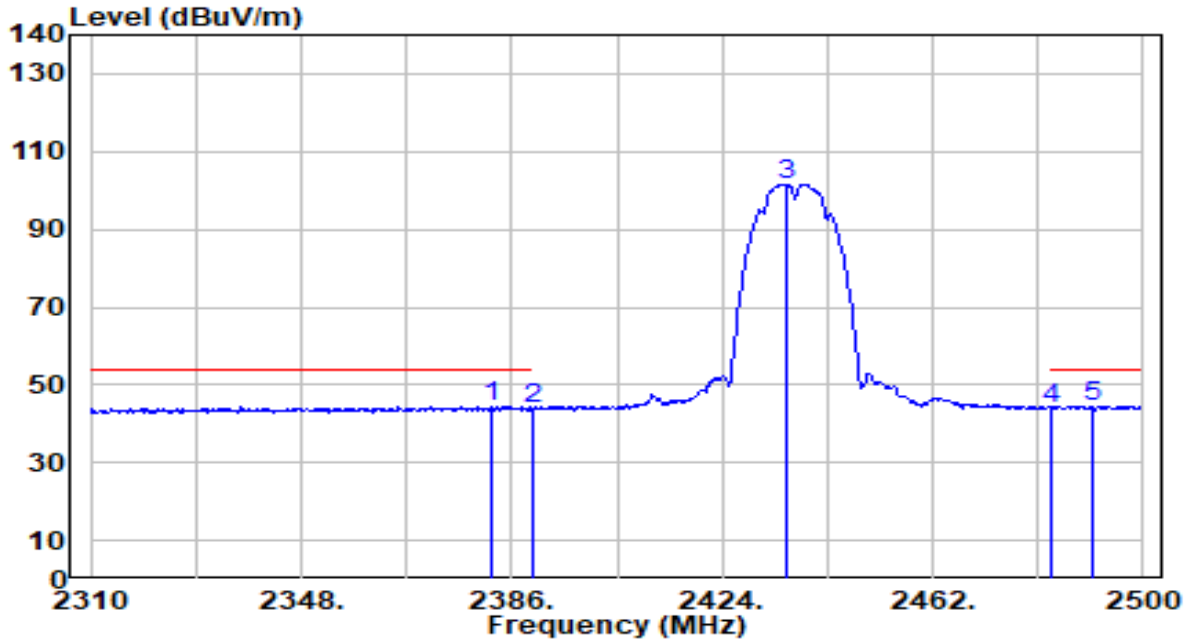


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2369.280	26.48	30.39	56.87	-17.13	74.00	100	221	Peak
2		2390.000	25.13	30.45	55.58	-18.42	74.00	100	221	Peak
3		2435.590	75.43	30.52	105.96	N/A	N/A	100	221	Peak
4		2483.500	24.47	30.59	55.05	-18.95	74.00	100	221	Peak
5	*	2498.860	26.86	30.61	57.46	-16.54	74.00	100	221	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

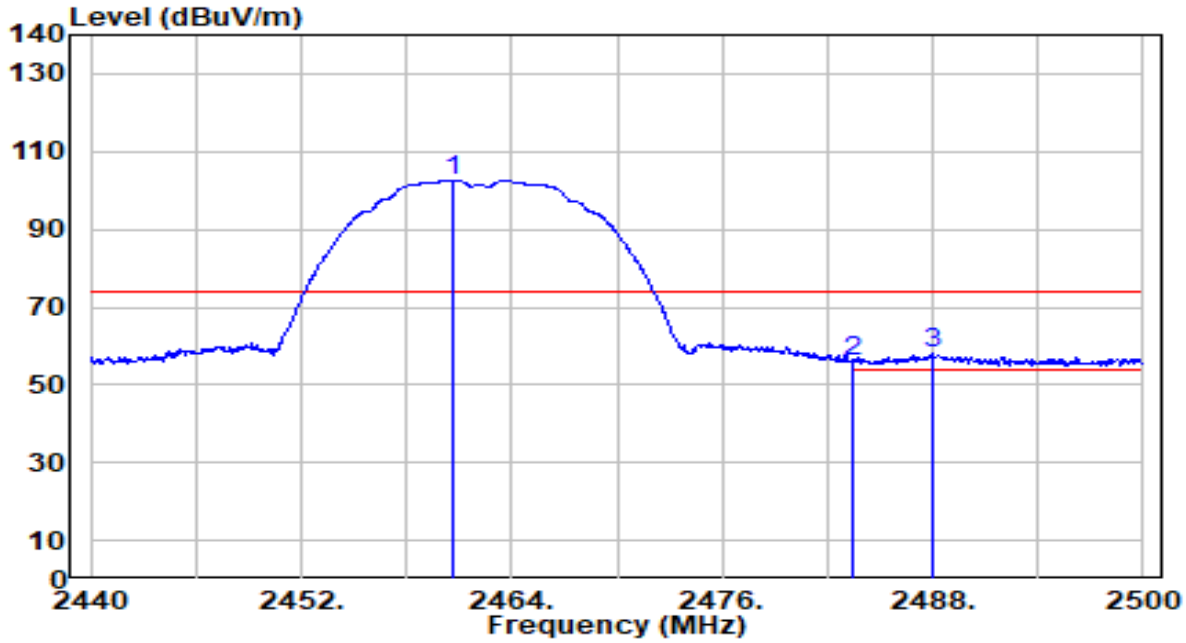


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2382.580	13.79	30.43	44.21	-9.79	54.00	100	221	Average
2		2390.000	13.19	30.45	43.63	-10.37	54.00	100	221	Average
3		2435.400	71.05	30.52	101.57	N/A	N/A	100	221	Average
4		2483.500	13.51	30.59	44.10	-9.90	54.00	100	221	Average
5	*	2490.690	13.98	30.60	44.58	-9.42	54.00	100	221	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

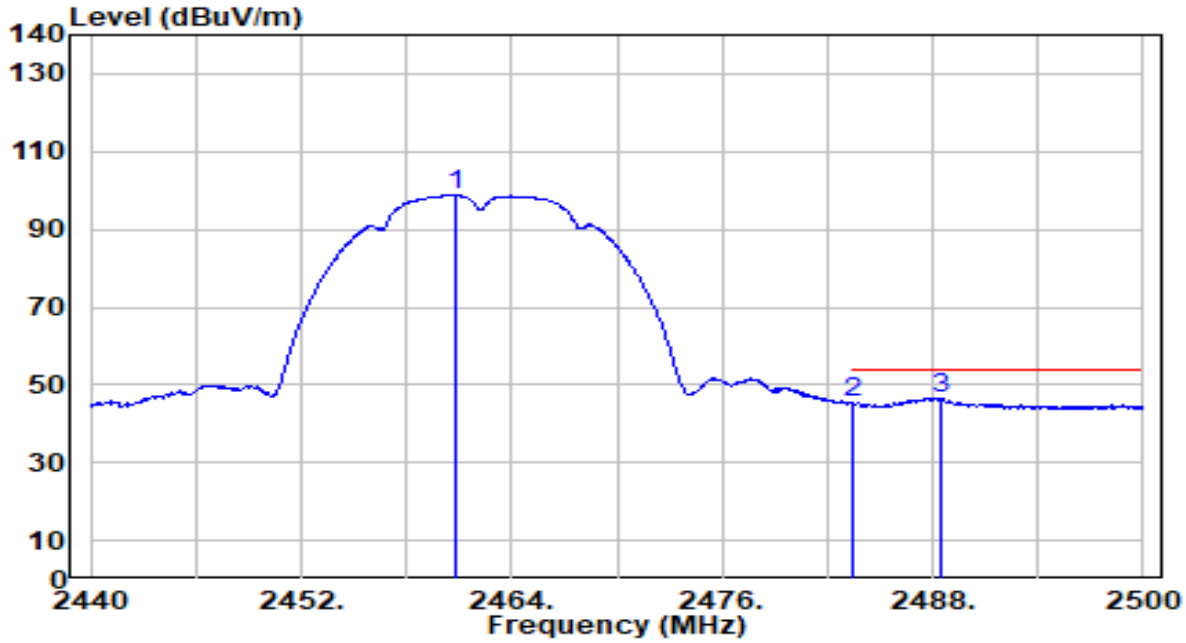


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.700	72.08	30.56	102.64	N/A	N/A	100	253	Peak
2		2483.500	25.45	30.59	56.04	-17.96	74.00	100	253	Peak
3	*	2488.060	27.52	30.59	58.11	-15.89	74.00	100	253	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

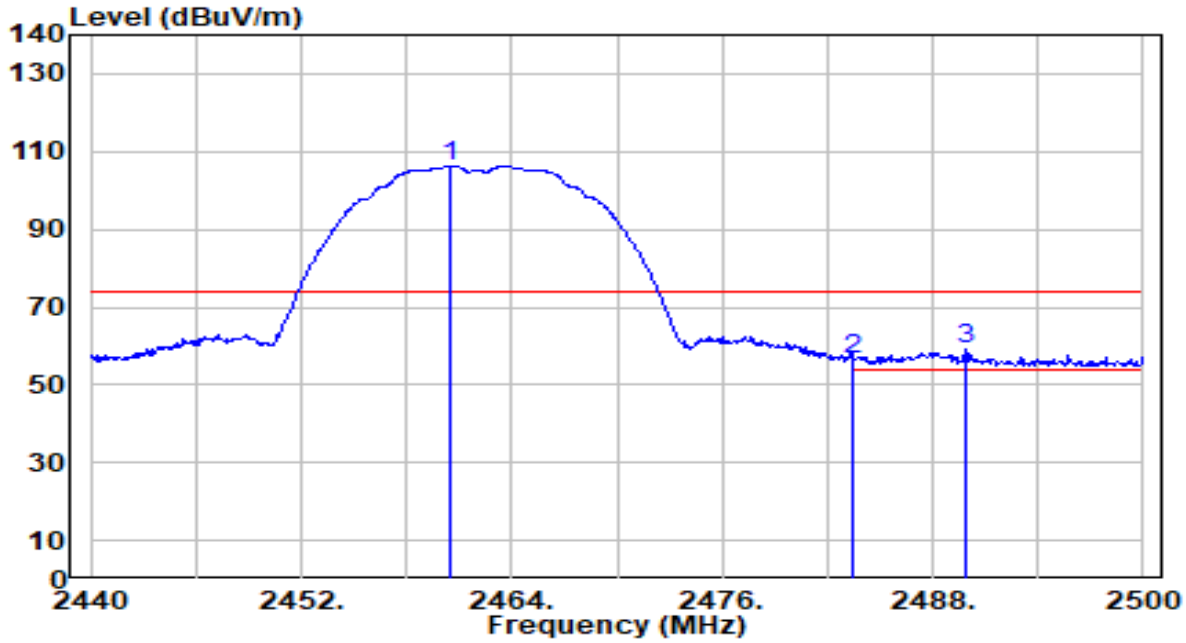


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.820	68.11	30.56	98.67	N/A	N/A	100	253	Average
2		2483.500	15.03	30.59	45.61	-8.39	54.00	100	253	Average
3	*	2488.420	15.96	30.59	46.55	-7.45	54.00	100	253	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

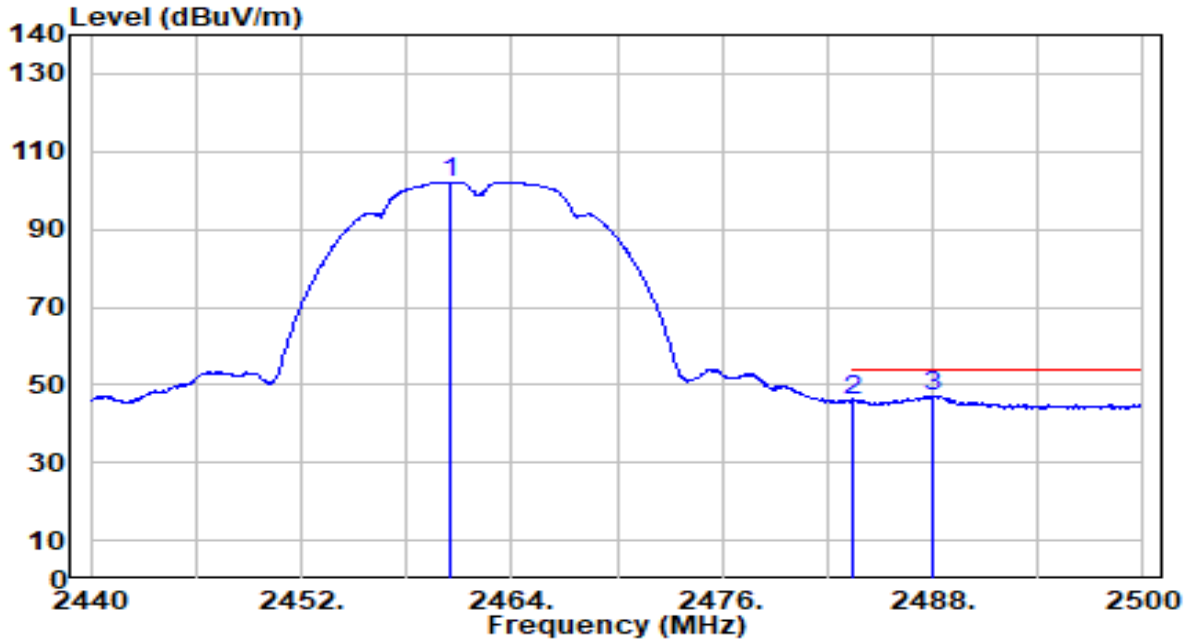


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.520	75.70	30.56	106.25	N/A	N/A	100	220	Peak
2		2483.500	25.86	30.59	56.45	-17.55	74.00	100	220	Peak
3	*	2489.860	28.43	30.60	59.03	-14.97	74.00	100	220	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-08
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11b_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

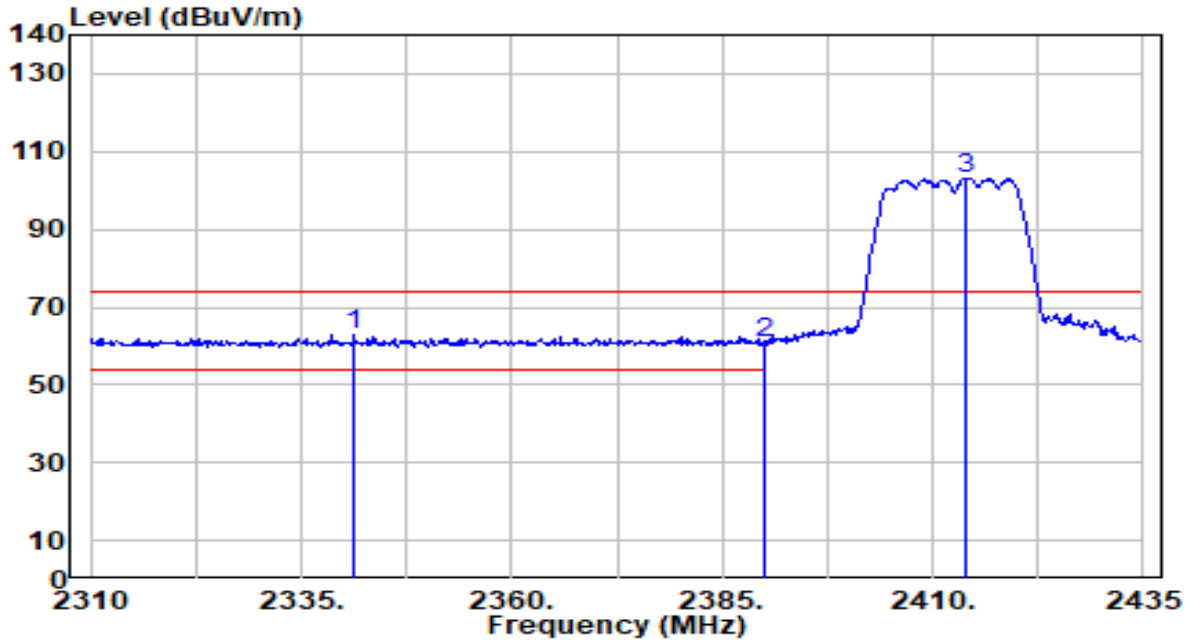


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.460	71.61	30.56	102.17	N/A	N/A	100	220	Average
2		2483.500	15.39	30.59	45.97	-8.03	54.00	100	220	Average
3	*	2487.940	16.50	30.59	47.09	-6.91	54.00	100	220	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

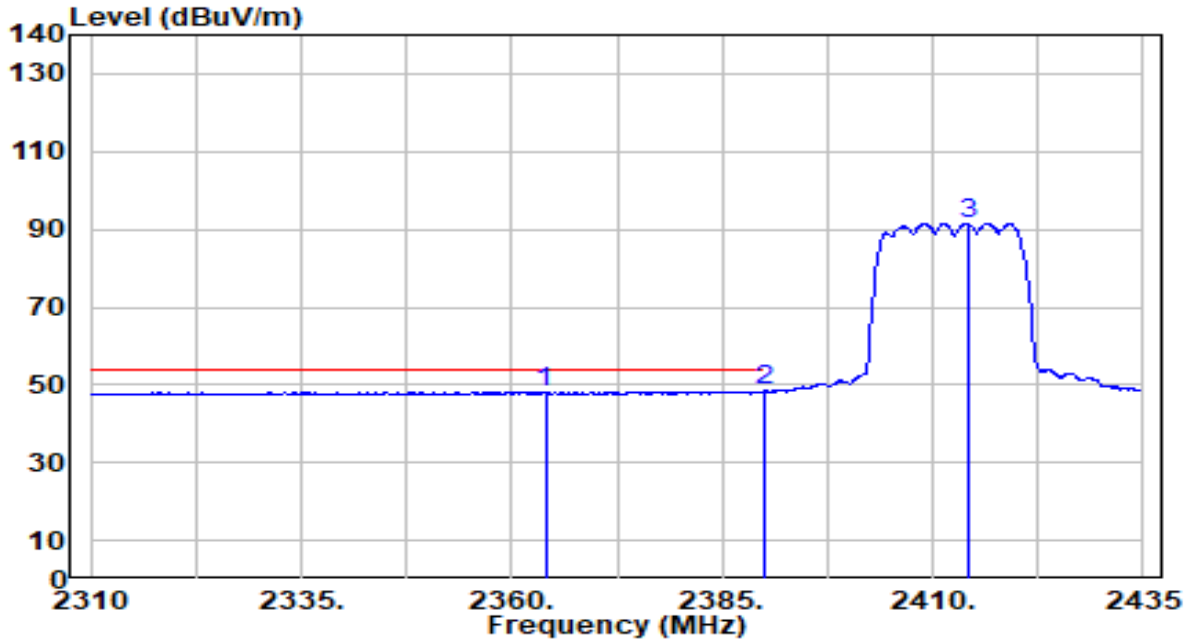


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2341.250	32.47	30.31	62.78	-11.22	74.00	124	247	Peak
2		2390.000	30.32	30.45	60.76	-13.24	74.00	124	247	Peak
3		2414.000	72.76	30.49	103.25	N/A	N/A	124	247	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

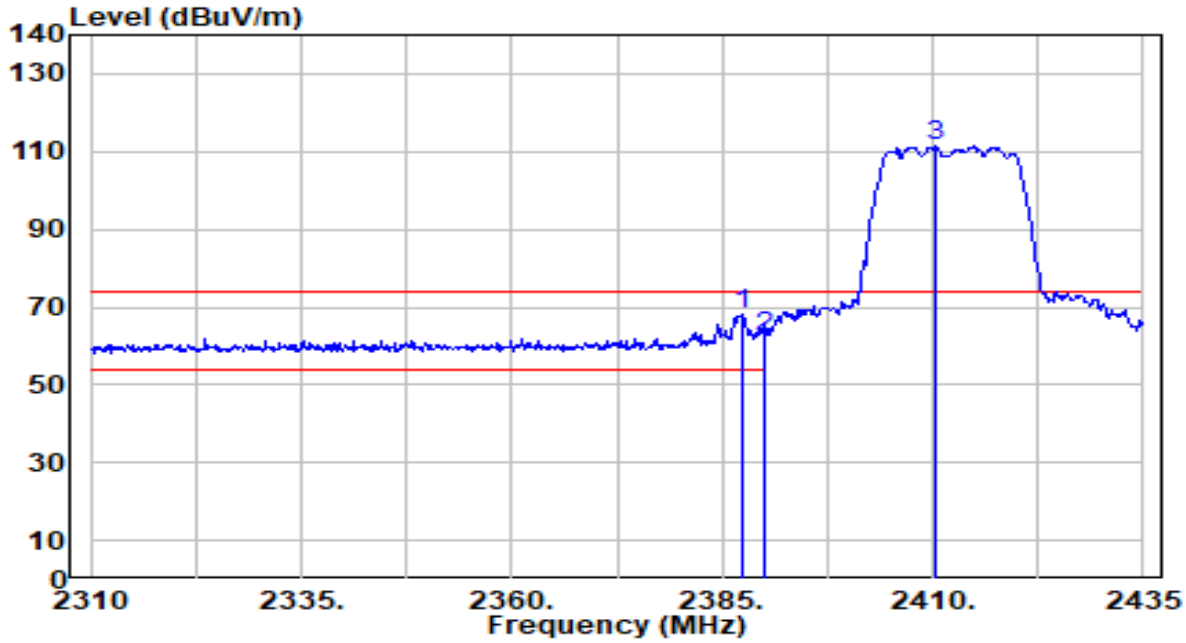


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2364.000	17.89	30.37	48.27	-5.73	54.00	124	247	Average
2	*	2390.000	17.96	30.45	48.41	-5.59	54.00	124	247	Average
3		2414.125	60.99	30.49	91.49	N/A	N/A	124	247	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

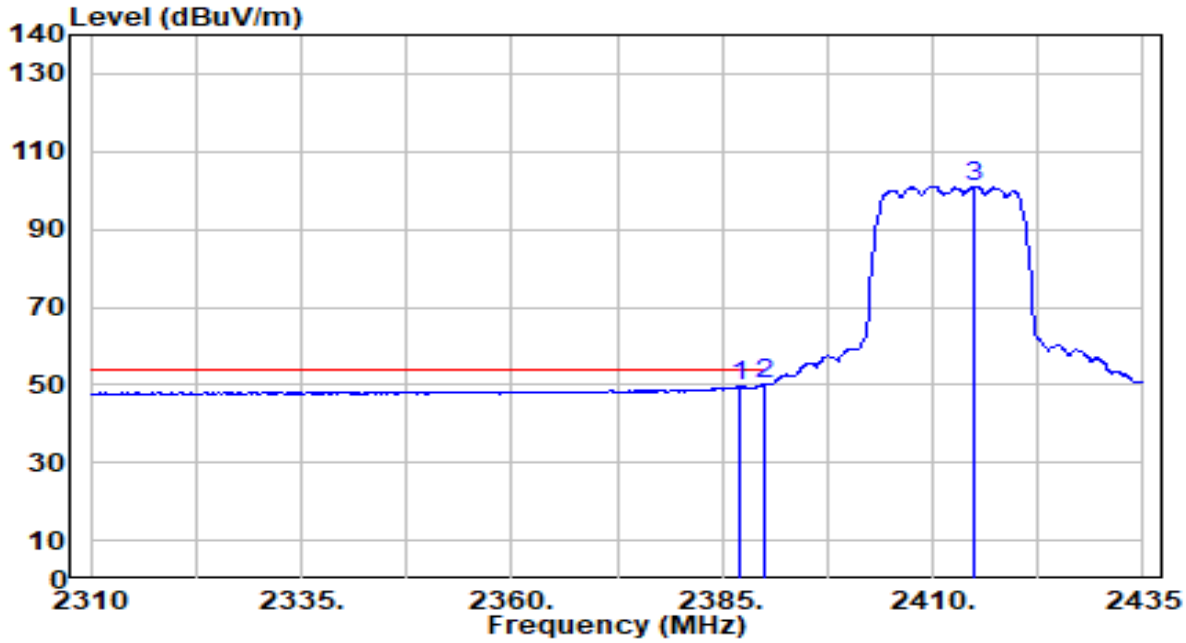


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.250	37.49	30.44	67.93	-6.07	74.00	124	221	Peak
2		2390.000	31.72	30.45	62.17	-11.83	74.00	124	221	Peak
3		2410.250	80.79	30.49	111.28	N/A	N/A	124	221	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

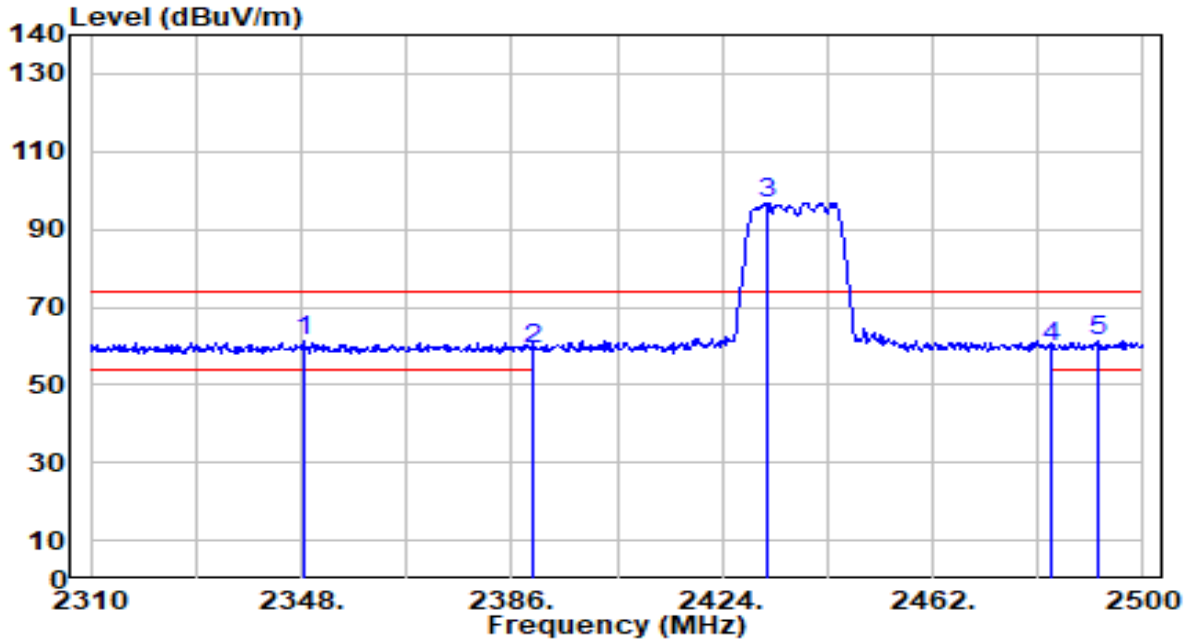


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.125	19.24	30.44	49.68	-4.32	54.00	124	221	Average
2	*	2390.000	19.58	30.45	50.02	-3.98	54.00	124	221	Average
3		2414.875	70.53	30.50	101.02	N/A	N/A	124	221	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

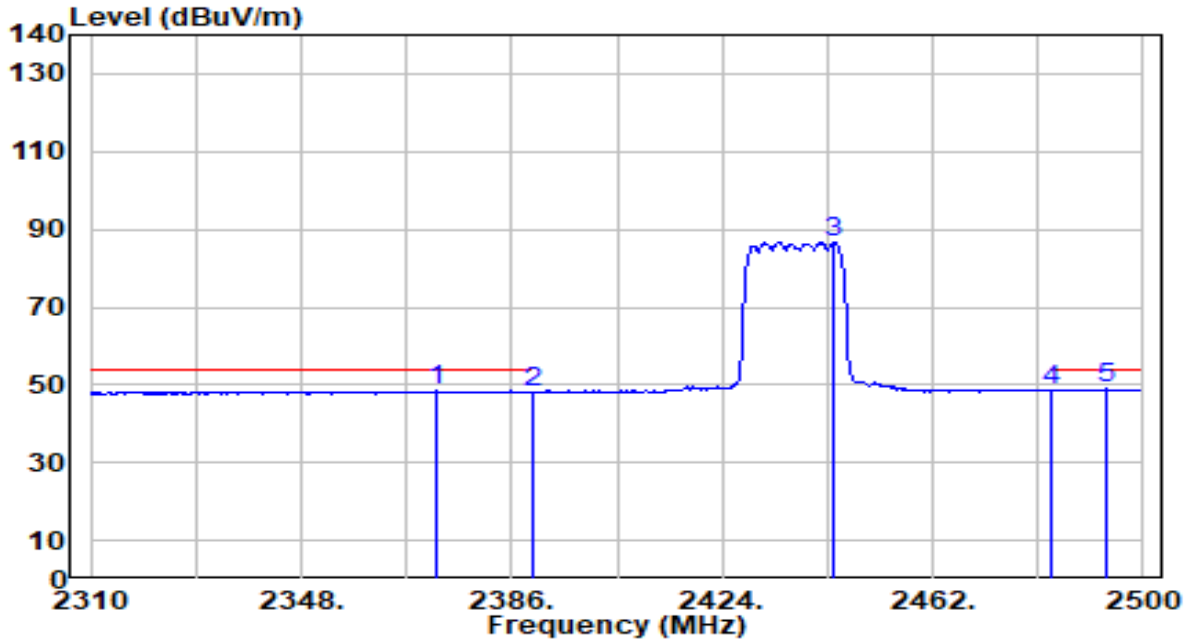


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2348.570	30.92	30.33	61.25	-12.75	74.00	124	241	Peak
2		2390.000	28.88	30.45	59.33	-14.67	74.00	124	241	Peak
3		2432.170	66.31	30.52	96.83	N/A	N/A	124	241	Peak
4		2483.500	29.12	30.59	59.71	-14.29	74.00	124	241	Peak
5		2491.640	30.45	30.60	61.05	-12.95	74.00	124	241	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

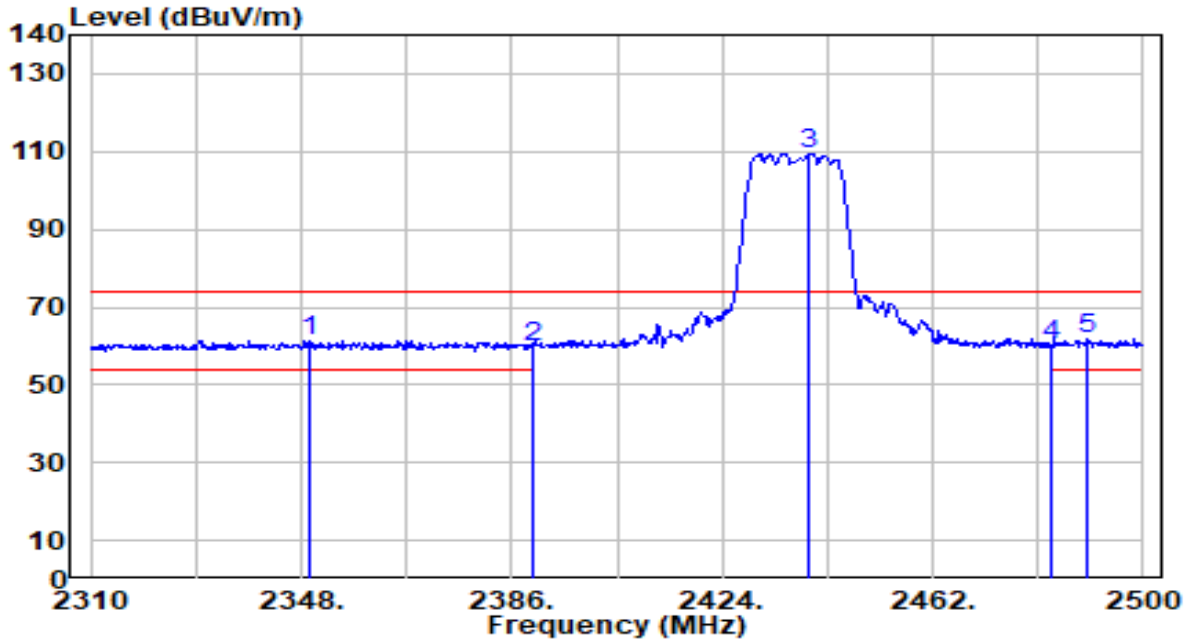


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2372.320	18.01	30.40	48.41	-5.59	54.00	124	241	Average
2		2390.000	17.62	30.45	48.07	-5.93	54.00	124	241	Average
3		2444.140	56.15	30.54	86.68	N/A	N/A	124	241	Average
4		2483.500	18.09	30.59	48.68	-5.32	54.00	124	241	Average
5	*	2493.540	18.29	30.60	48.89	-5.11	54.00	124	241	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

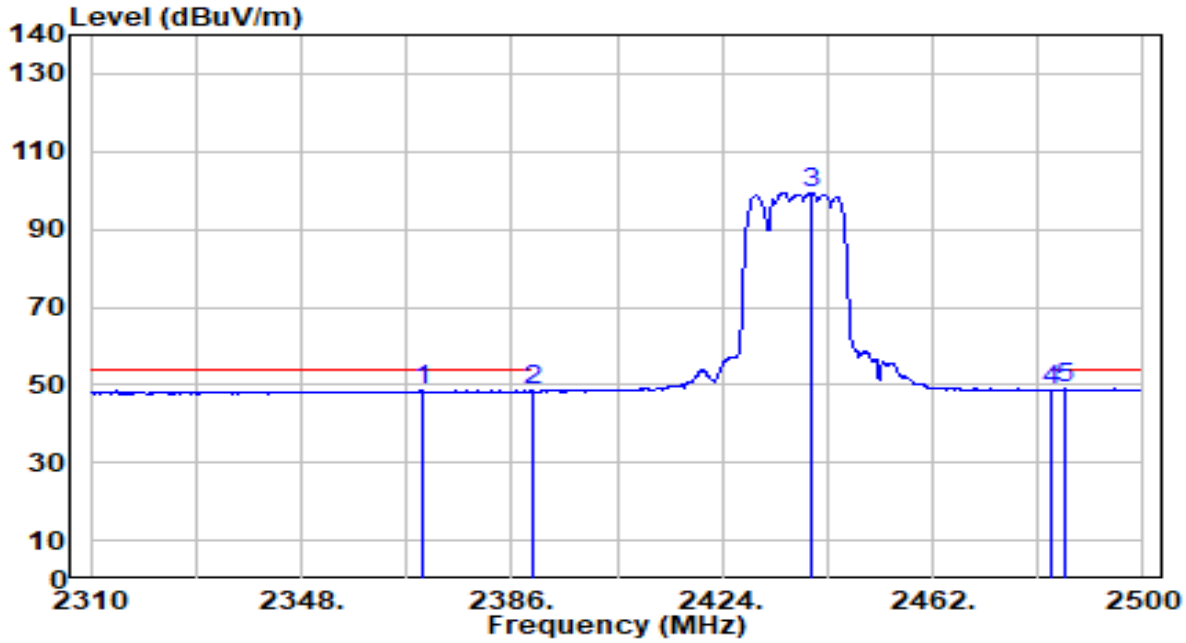


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2349.520	31.20	30.33	61.53	-12.47	74.00	176	144	Peak
2		2390.000	29.02	30.45	59.47	-14.53	74.00	176	144	Peak
3		2439.770	79.00	30.53	109.53	N/A	N/A	176	144	Peak
4		2483.500	29.88	30.59	60.47	-13.53	74.00	176	144	Peak
5	*	2489.740	31.41	30.60	62.00	-12.00	74.00	176	144	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

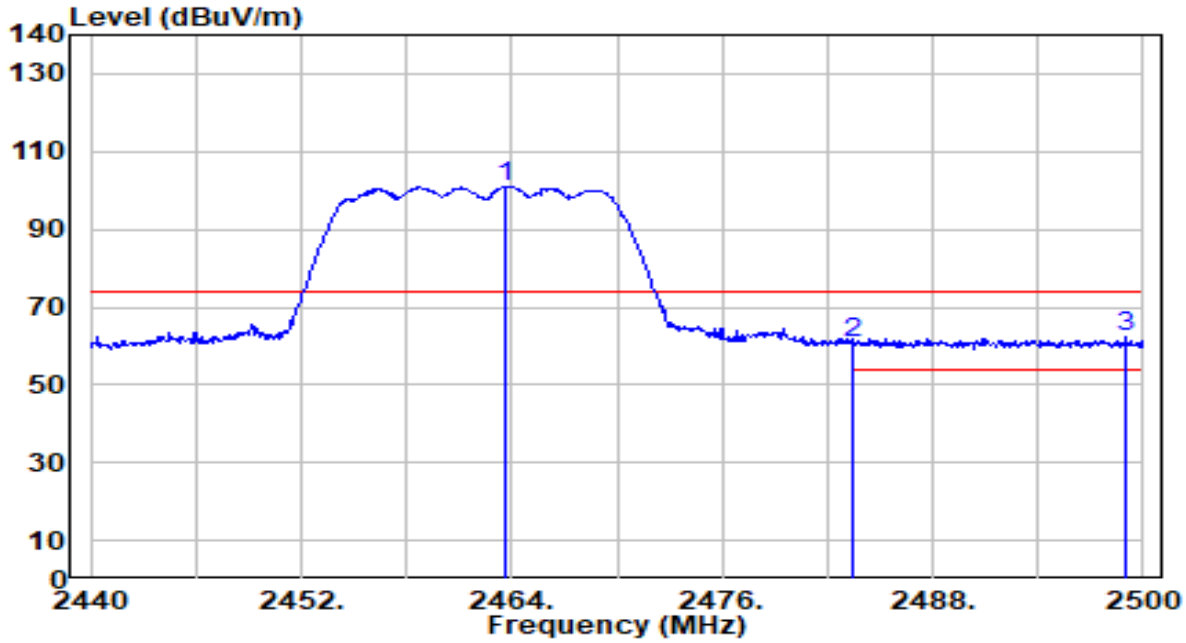


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2369.850	18.05	30.39	48.44	-5.56	54.00	176	144	Average
2		2390.000	18.01	30.45	48.45	-5.55	54.00	176	144	Average
3		2440.150	68.98	30.53	99.51	N/A	N/A	176	144	Average
4		2483.500	18.14	30.59	48.73	-5.27	54.00	176	144	Average
5	*	2485.940	18.30	30.59	48.89	-5.11	54.00	176	144	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

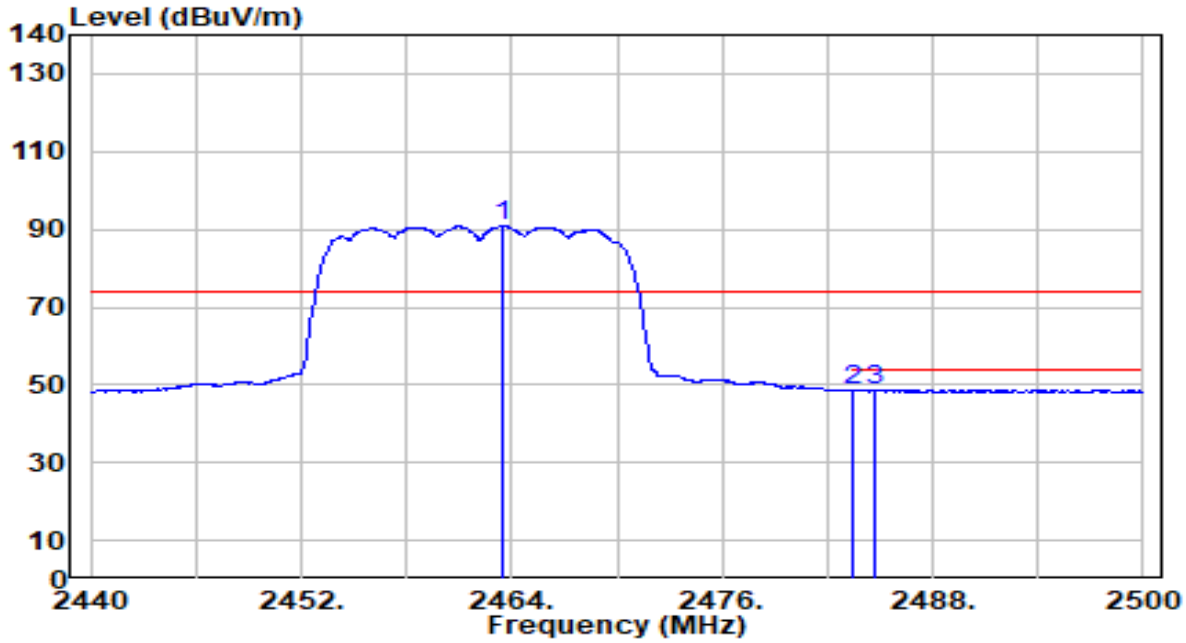


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.640	70.44	30.56	101.00	N/A	N/A	256	241	Peak
2		2483.500	30.13	30.59	60.72	-13.28	74.00	256	241	Peak
3	*	2499.040	31.60	30.61	62.21	-11.79	74.00	256	241	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

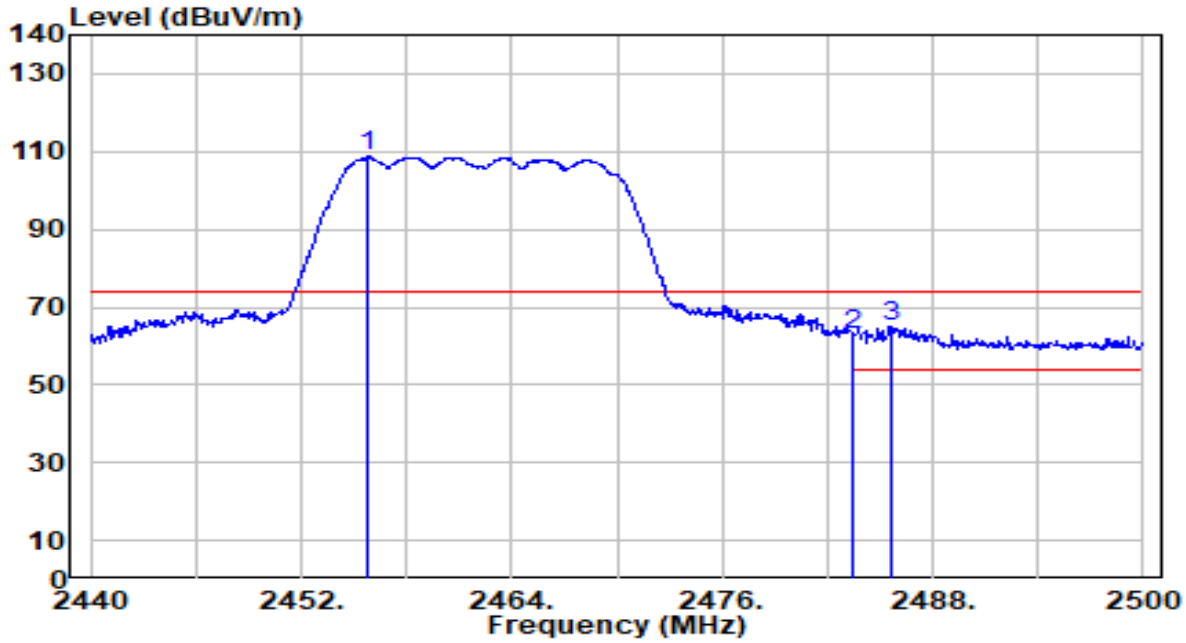


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.460	60.19	30.56	90.75	N/A	N/A	256	241	Average
2		2483.500	18.02	30.59	48.60	-5.40	54.00	256	241	Average
3	*	2484.640	18.11	30.59	48.70	-5.30	54.00	256	241	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

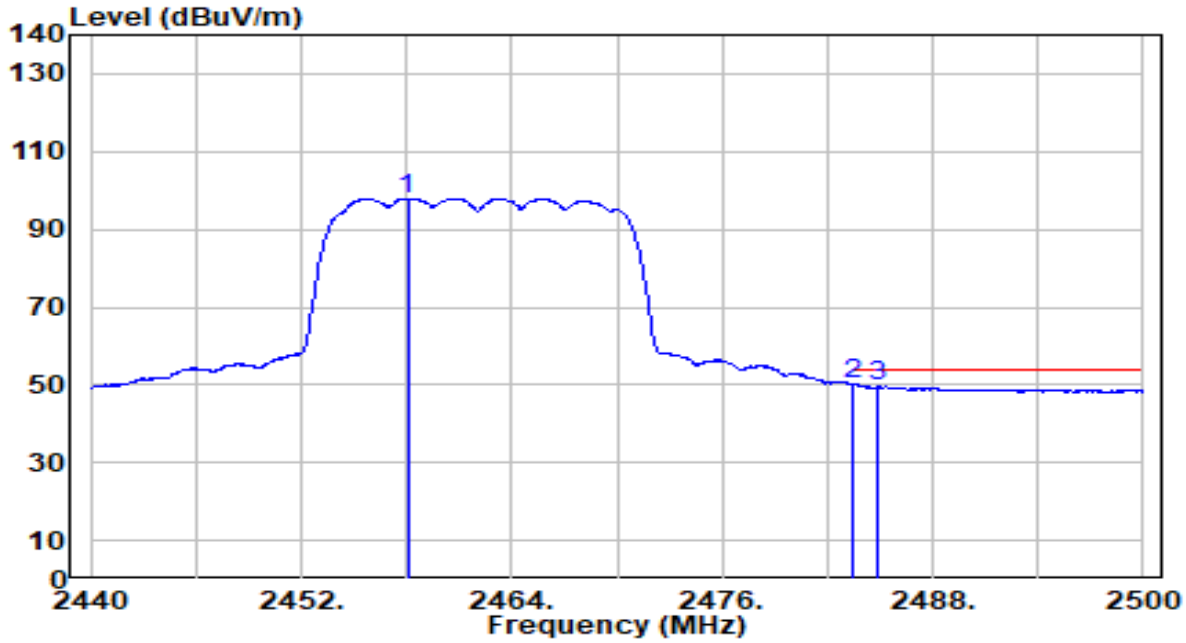


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.840	78.15	30.55	108.70	N/A	N/A	140	205	Peak
2		2483.500	32.38	30.59	62.97	-11.03	74.00	140	205	Peak
3	*	2485.660	34.25	30.59	64.84	-9.16	74.00	140	205	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11g_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

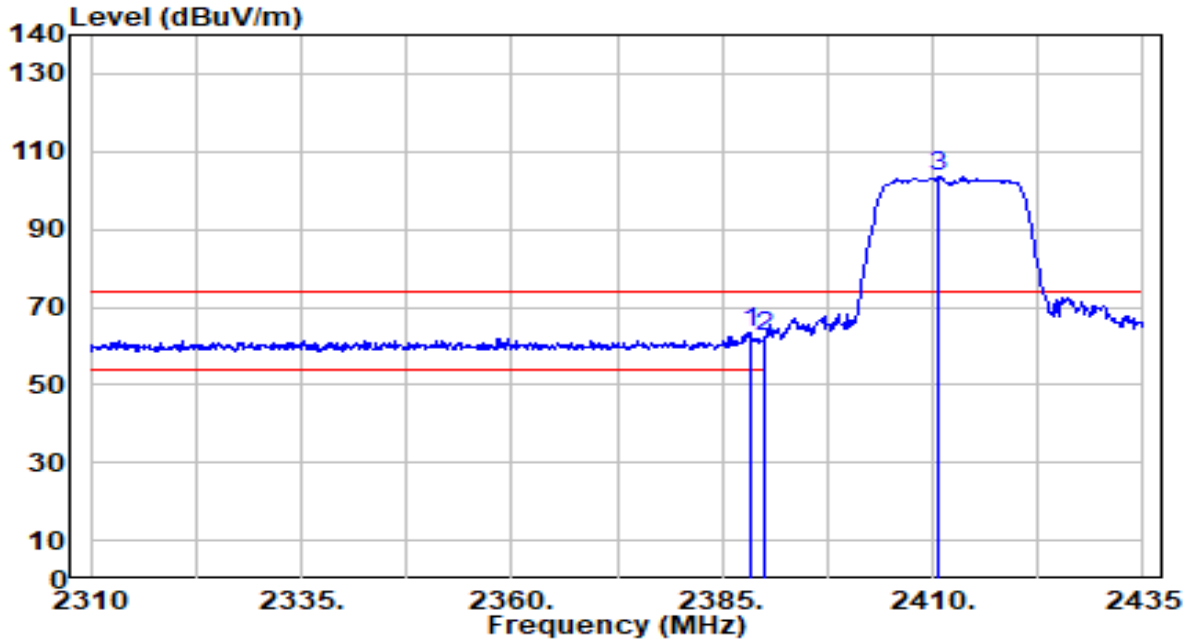


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2458.060	67.44	30.55	97.99	N/A	N/A	140	205	Average
2	*	2483.500	19.63	30.59	50.22	-3.78	54.00	140	205	Average
3		2484.880	18.86	30.59	49.45	-4.55	54.00	140	205	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

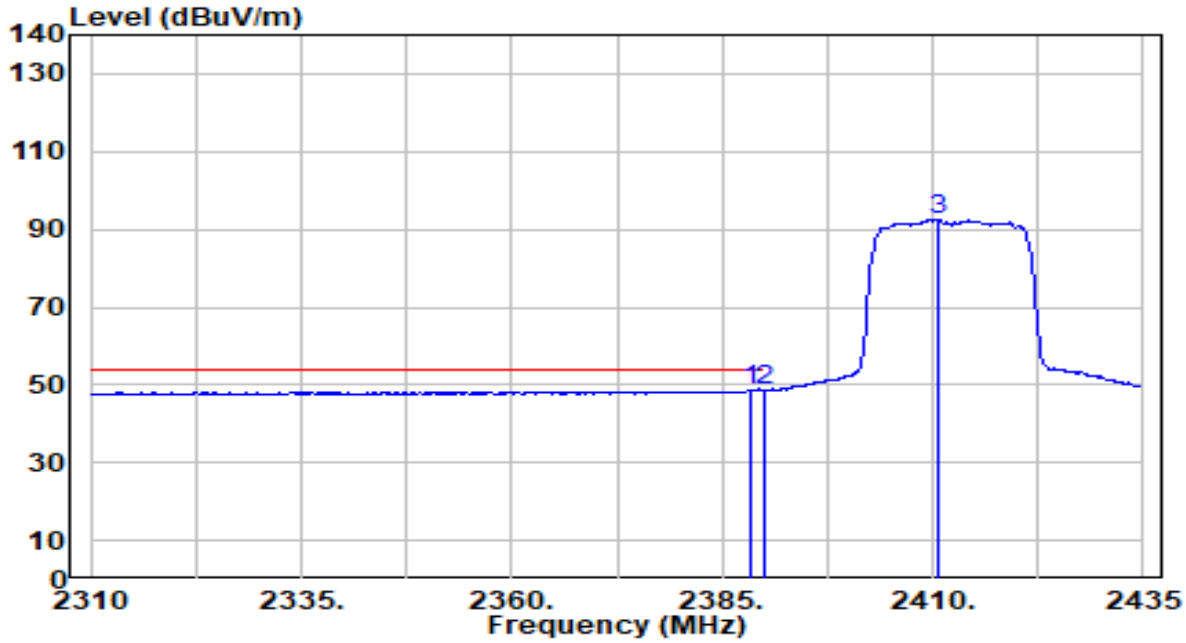


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.250	33.13	30.44	63.57	-10.43	74.00	166	248	Peak
2		2390.000	31.78	30.45	62.22	-11.78	74.00	166	248	Peak
3		2410.750	72.99	30.49	103.48	N/A	N/A	166	248	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

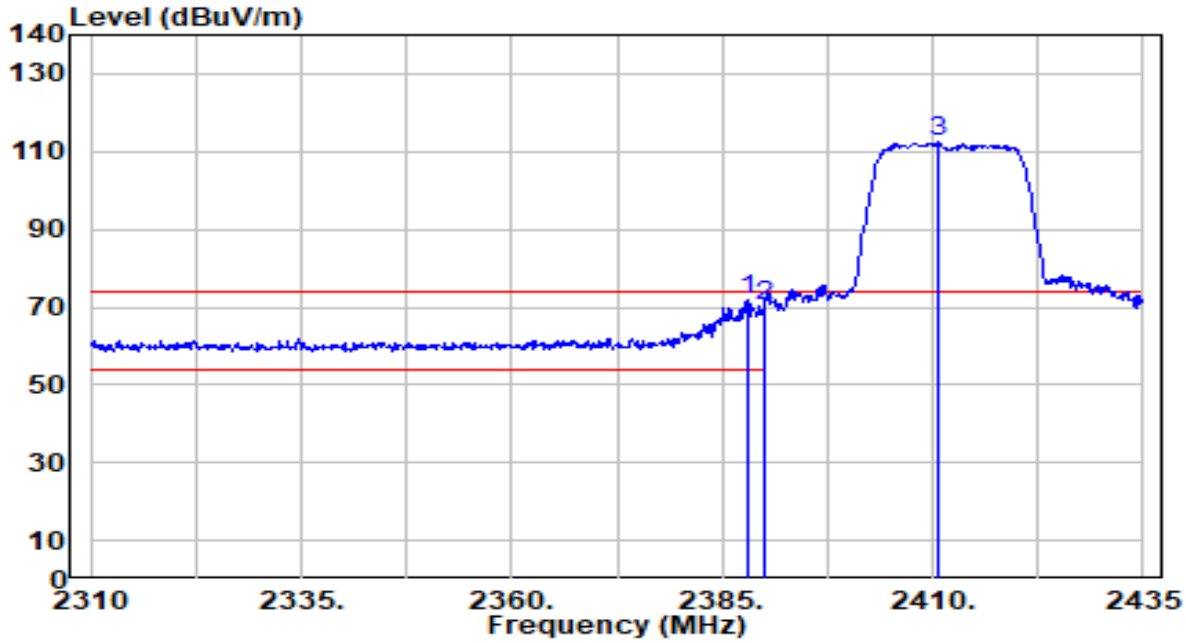


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.375	18.15	30.44	48.59	-5.41	54.00	166	248	Average
2		2390.000	18.06	30.45	48.50	-5.50	54.00	166	248	Average
3		2410.750	62.13	30.49	92.62	N/A	N/A	166	248	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

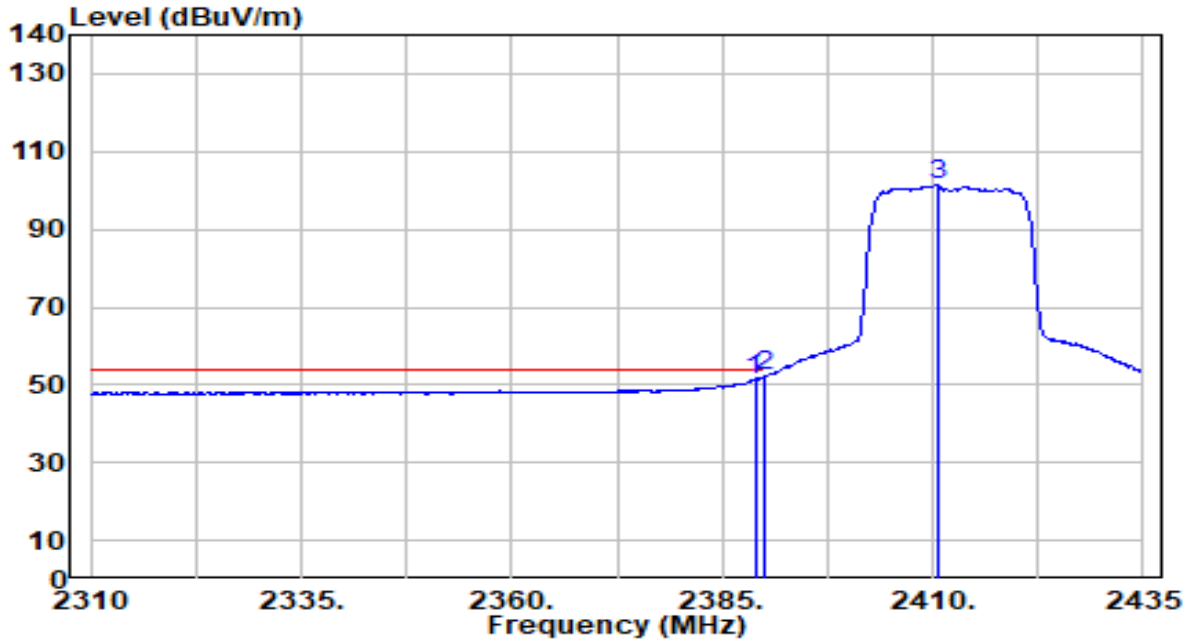


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.125	41.34	30.44	71.78	-2.22	74.00	189	170	Peak
2		2390.000	39.58	30.45	70.03	-3.97	74.00	189	170	Peak
3		2410.750	81.84	30.49	112.33	N/A	N/A	189	170	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

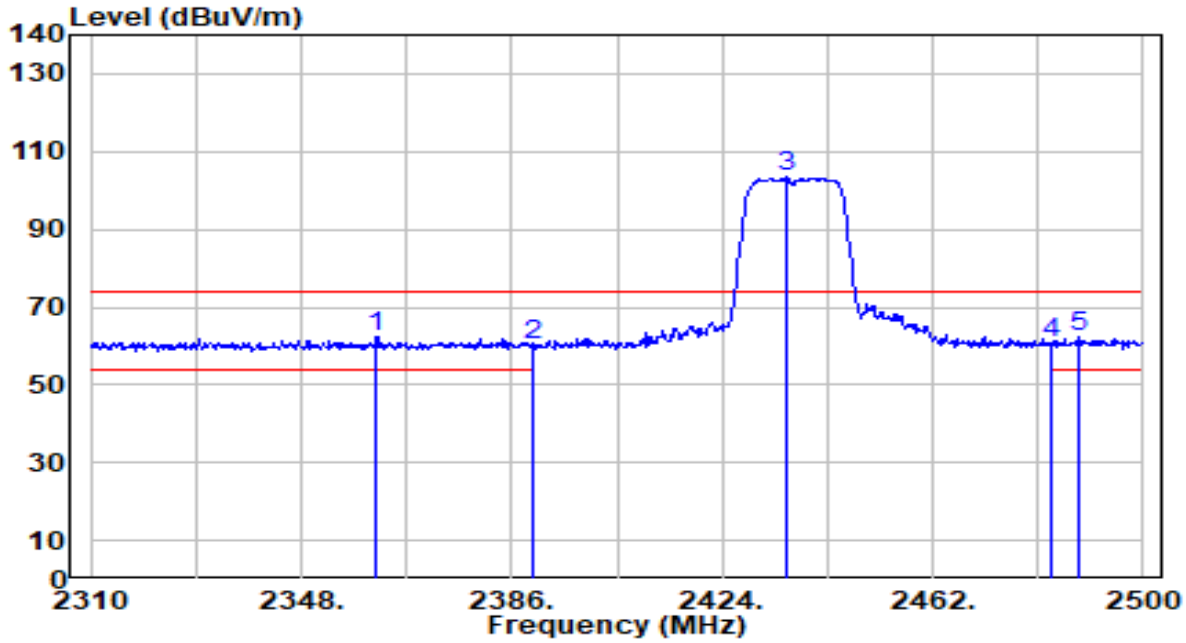


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.875	20.91	30.44	51.35	-2.65	54.00	189	170	Average
2	*	2390.000	21.65	30.45	52.10	-1.90	54.00	189	170	Average
3		2410.625	70.86	30.49	101.35	N/A	N/A	189	170	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

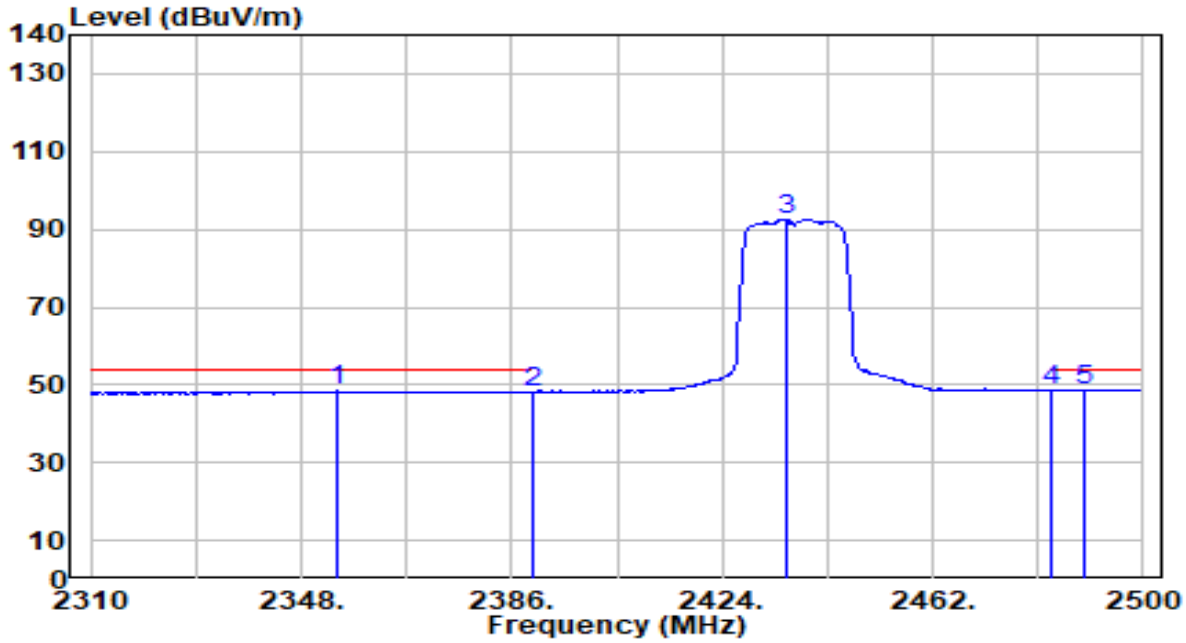


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2361.680	32.13	30.37	62.50	-11.50	74.00	167	248	Peak
2		2390.000	29.92	30.45	60.37	-13.63	74.00	167	248	Peak
3		2435.780	72.77	30.52	103.29	N/A	N/A	167	248	Peak
4		2483.500	29.99	30.59	60.58	-13.42	74.00	167	248	Peak
5		2488.410	31.52	30.59	62.12	-11.88	74.00	167	248	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

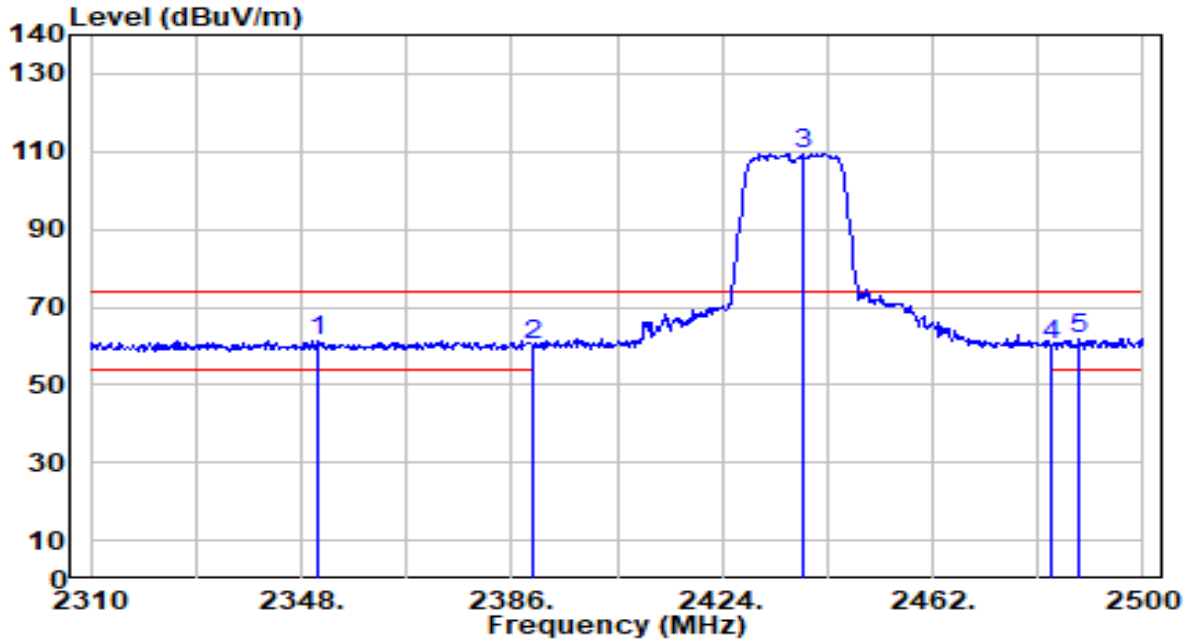


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2354.270	18.13	30.35	48.48	-5.52	54.00	167	248	Average
2		2390.000	17.87	30.45	48.31	-5.69	54.00	167	248	Average
3		2435.590	62.15	30.52	92.67	N/A	N/A	167	248	Average
4		2483.500	17.79	30.59	48.38	-5.62	54.00	167	248	Average
5	*	2489.360	18.24	30.60	48.83	-5.17	54.00	167	248	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

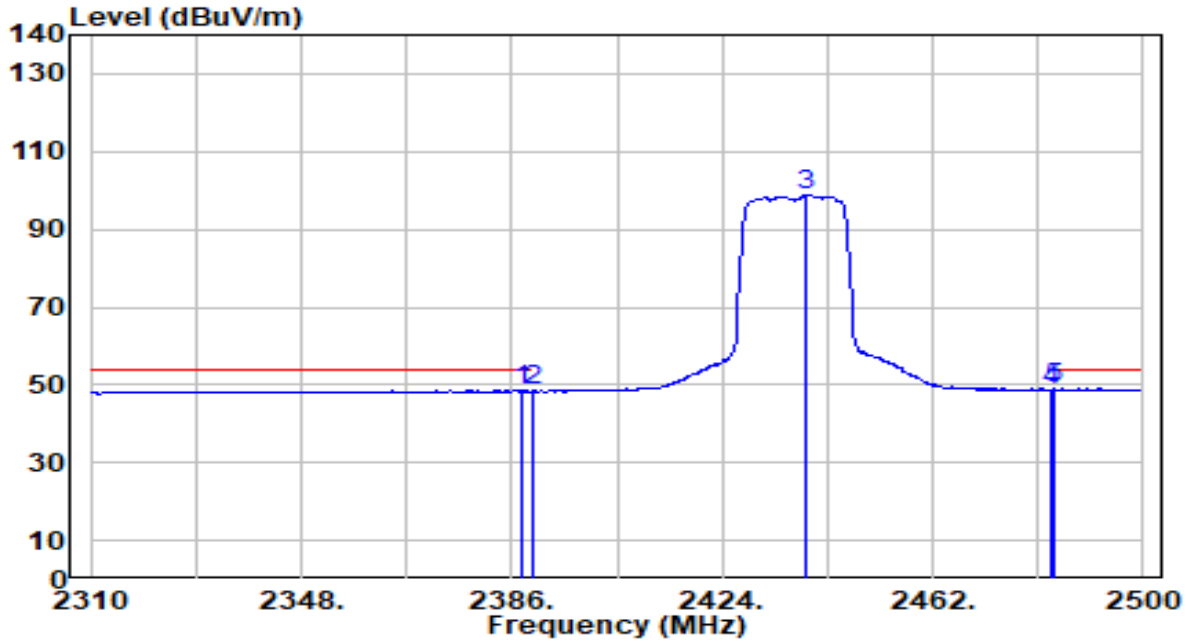


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2351.040	31.05	30.34	61.39	-12.61	74.00	130	248	Peak
2		2390.000	29.62	30.45	60.07	-13.93	74.00	130	248	Peak
3		2438.440	78.90	30.53	109.43	N/A	N/A	130	248	Peak
4		2483.500	29.45	30.59	60.04	-13.96	74.00	130	248	Peak
5	*	2488.410	31.37	30.59	61.97	-12.03	74.00	130	248	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

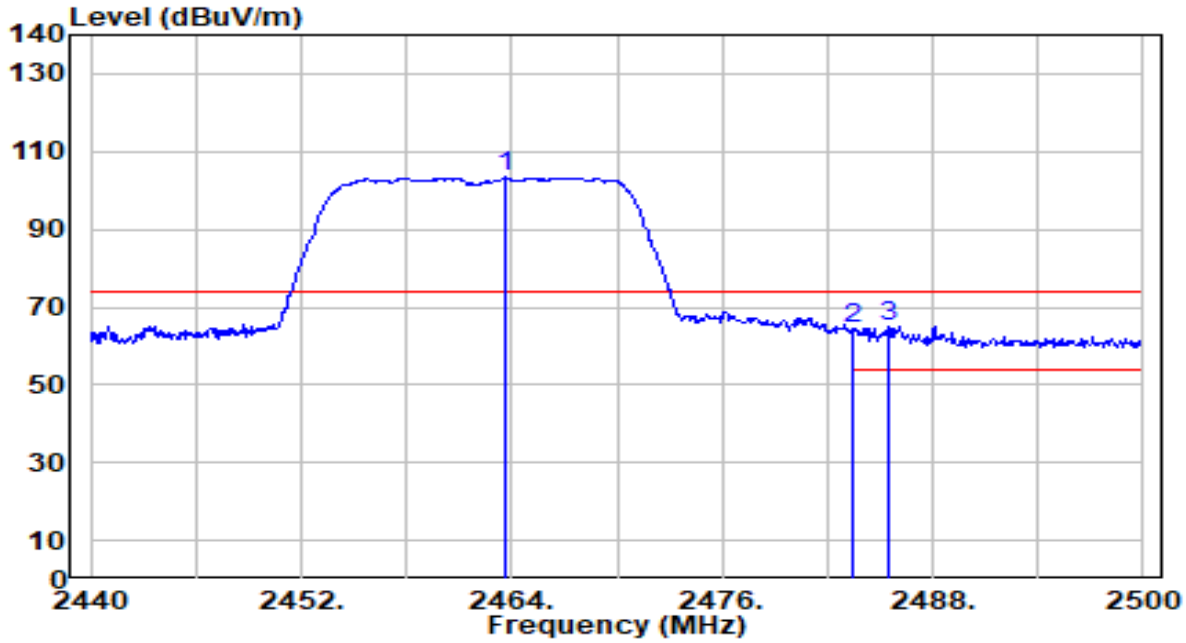


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.710	18.10	30.44	48.54	-5.46	54.00	130	248	Average
2		2390.000	17.95	30.45	48.39	-5.61	54.00	130	248	Average
3		2439.200	68.17	30.53	98.70	N/A	N/A	130	248	Average
4		2483.500	18.06	30.59	48.65	-5.35	54.00	130	248	Average
5	*	2484.040	18.33	30.59	48.92	-5.08	54.00	130	248	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

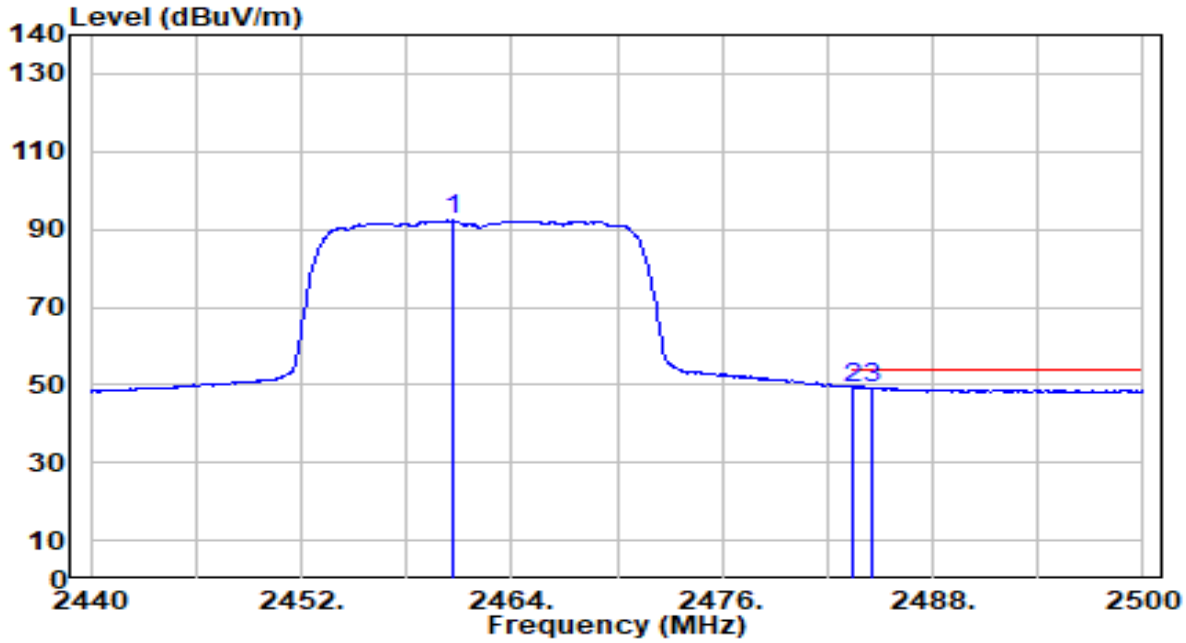


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.700	72.78	30.56	103.34	N/A	N/A	250	244	Peak
2		2483.500	33.72	30.59	64.31	-9.69	74.00	250	244	Peak
3	*	2485.420	34.64	30.59	65.23	-8.77	74.00	250	244	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

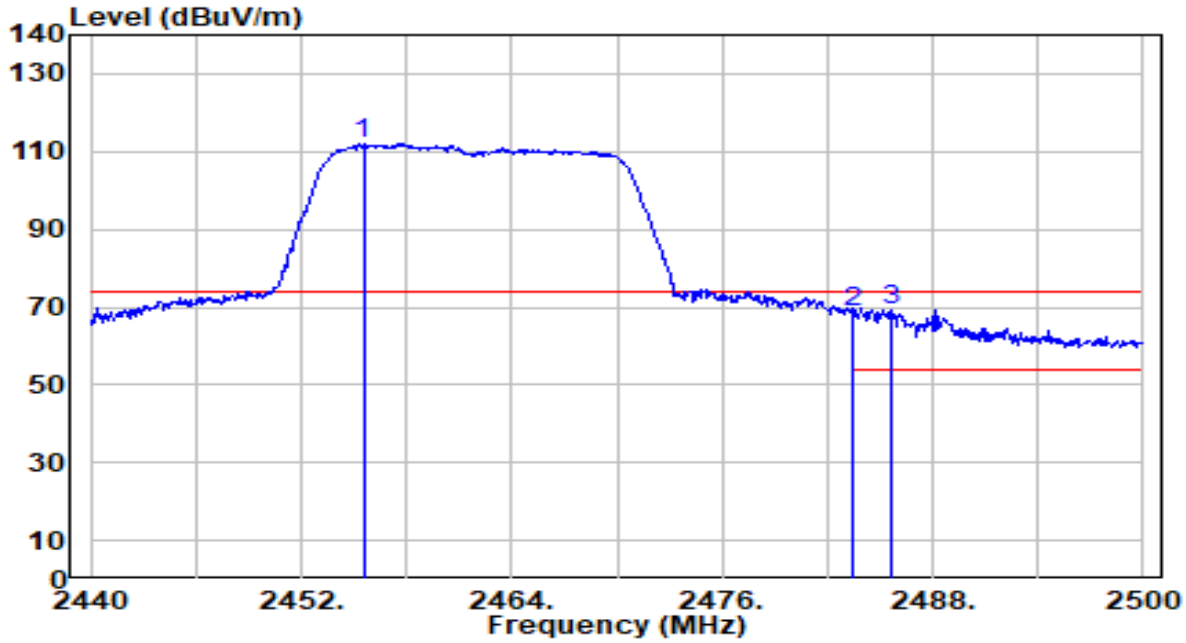


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.640	61.67	30.56	92.23	N/A	N/A	250	244	Average
2	*	2483.500	18.73	30.59	49.31	-4.69	54.00	250	244	Average
3		2484.520	18.68	30.59	49.27	-4.73	54.00	250	244	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

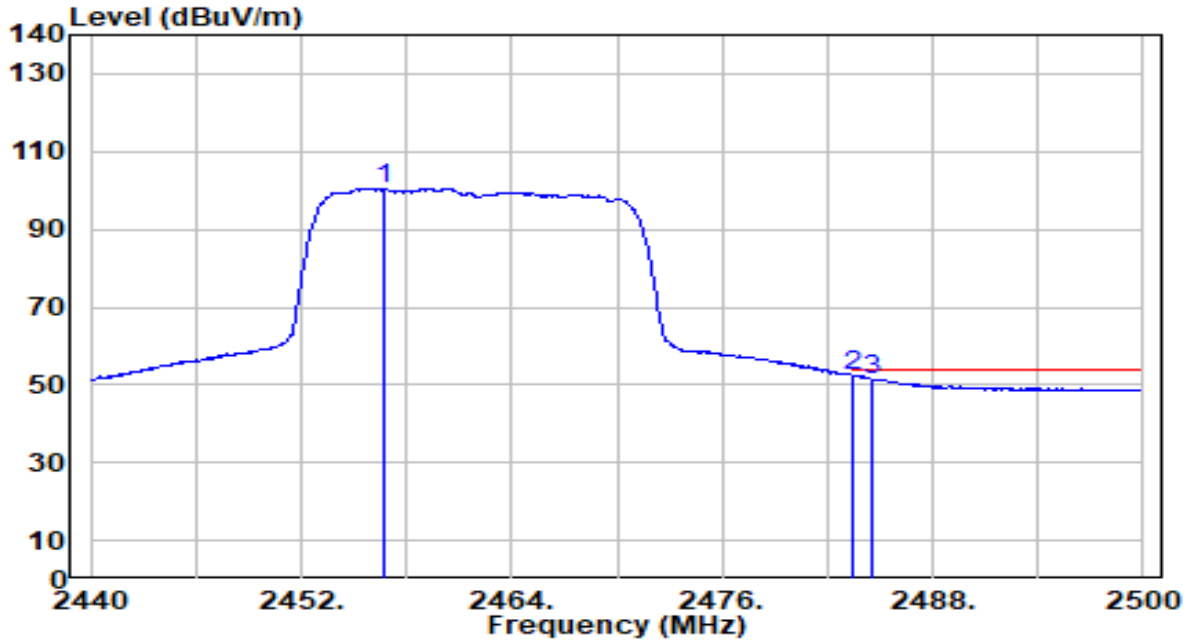


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.540	81.56	30.55	112.11	N/A	N/A	150	250	Peak
2		2483.500	38.19	30.59	68.78	-5.22	74.00	150	250	Peak
3	*	2485.600	38.72	30.59	69.31	-4.69	74.00	150	250	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

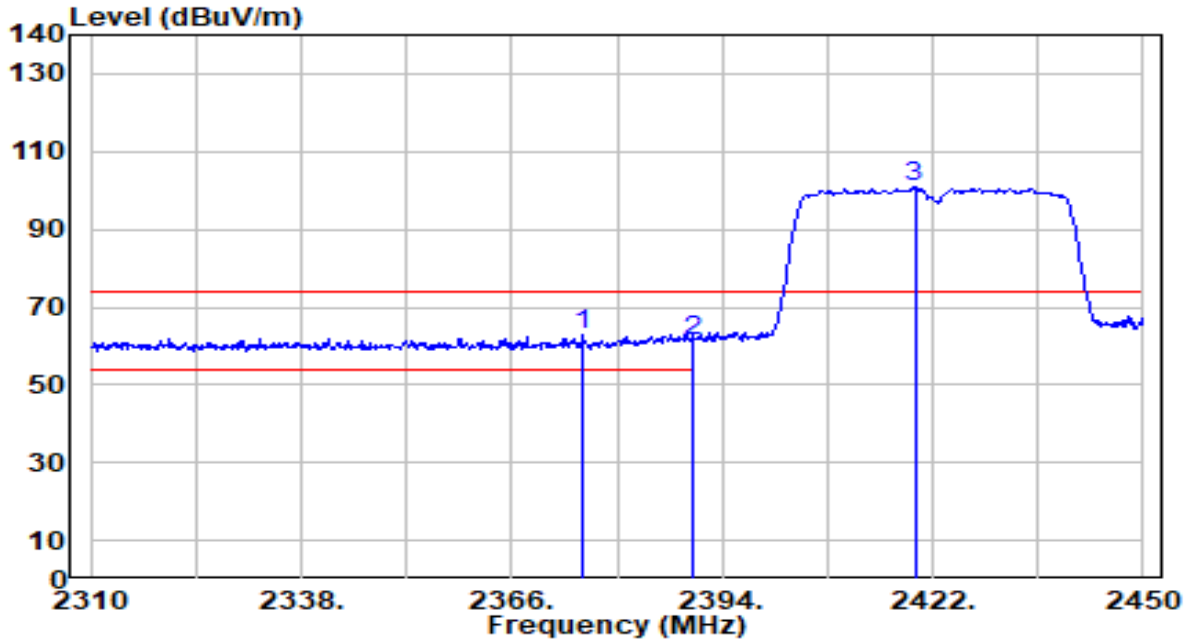


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.680	69.85	30.55	100.40	N/A	N/A	150	250	Average
2	*	2483.500	21.72	30.59	52.31	-1.69	54.00	150	250	Average
3		2484.520	20.90	30.59	51.49	-2.51	54.00	150	250	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

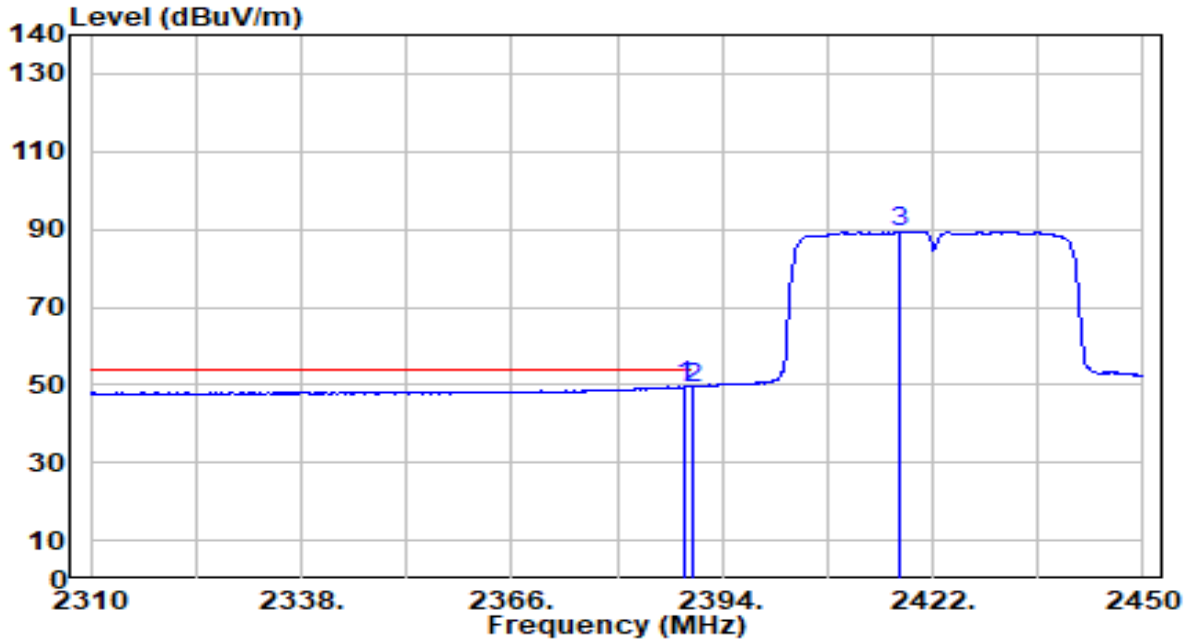


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2375.520	32.53	30.41	62.93	-11.07	74.00	174	250	Peak
2		2390.000	30.69	30.45	61.13	-12.87	74.00	174	250	Peak
3		2419.620	70.32	30.50	100.83	N/A	N/A	174	250	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

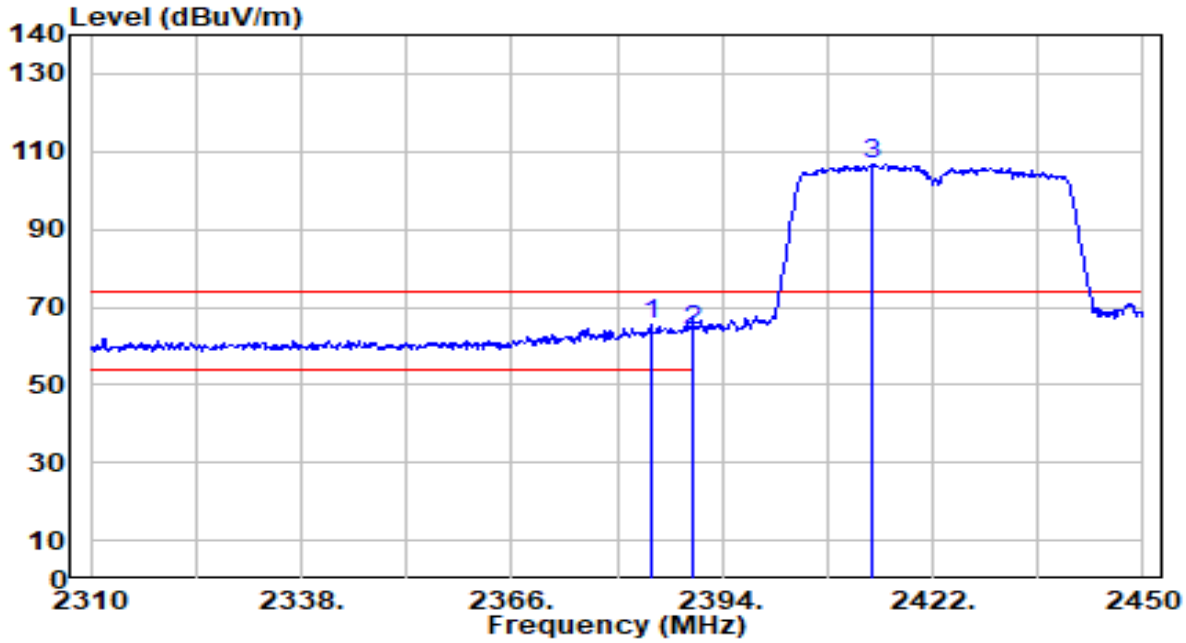


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.960	19.08	30.44	49.53	-4.47	54.00	174	250	Average
2		2390.000	18.95	30.45	49.39	-4.61	54.00	174	250	Average
3		2417.660	59.04	30.50	89.54	N/A	N/A	174	250	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

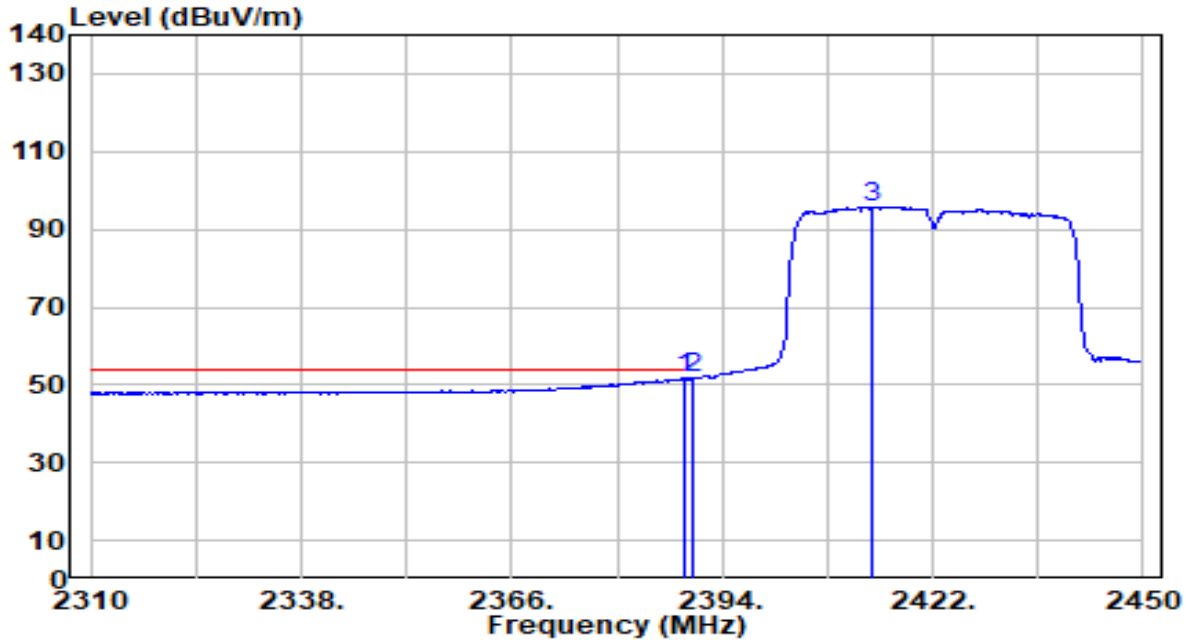


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2384.620	35.19	30.43	65.62	-8.38	74.00	100	202	Peak
2		2390.000	33.47	30.45	63.92	-10.08	74.00	100	202	Peak
3		2414.020	76.14	30.49	106.64	N/A	N/A	100	202	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

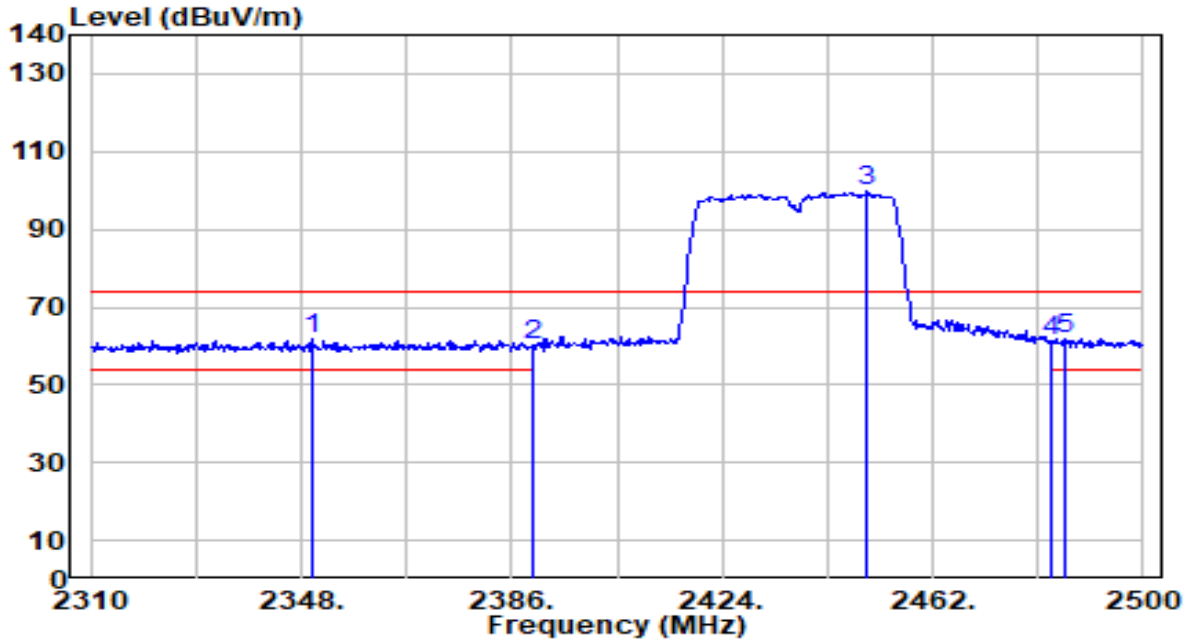


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.820	21.28	30.44	51.72	-2.28	54.00	100	202	Average
2	*	2390.000	21.36	30.45	51.81	-2.19	54.00	100	202	Average
3		2413.880	65.29	30.49	95.79	N/A	N/A	100	202	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

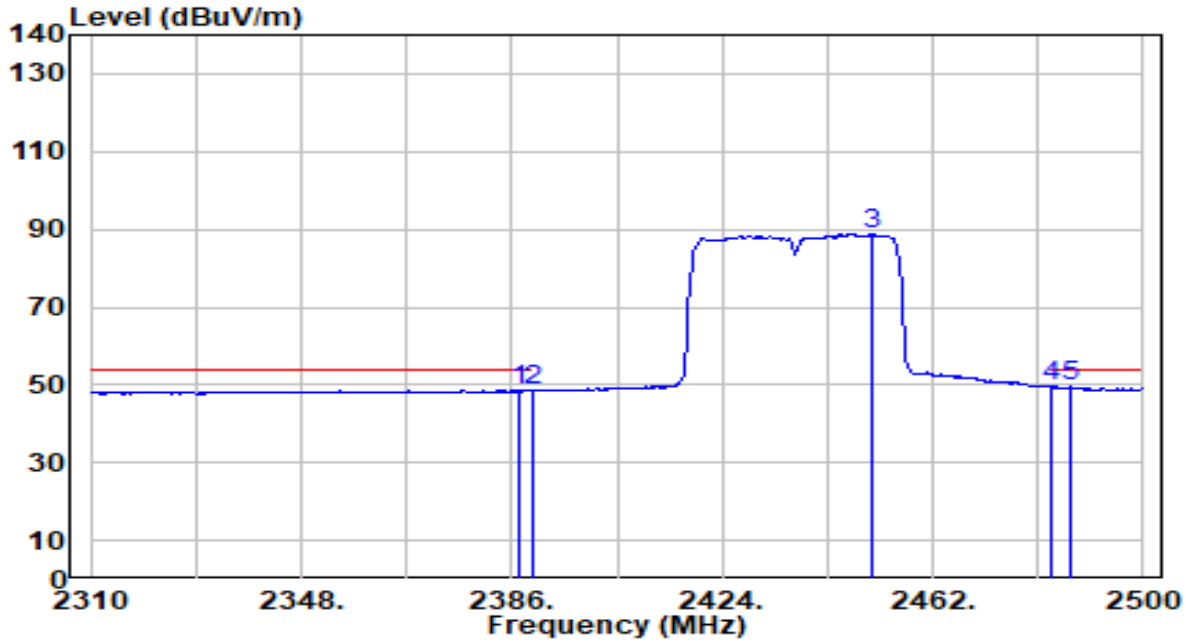


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2350.090	31.38	30.33	61.71	-12.29	74.00	100	249	Peak
2		2390.000	29.88	30.45	60.33	-13.67	74.00	100	249	Peak
3		2450.220	69.06	30.54	99.60	N/A	N/A	100	249	Peak
4		2483.500	30.46	30.59	61.05	-12.95	74.00	100	249	Peak
5	*	2485.750	31.45	30.59	62.04	-11.96	74.00	100	249	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

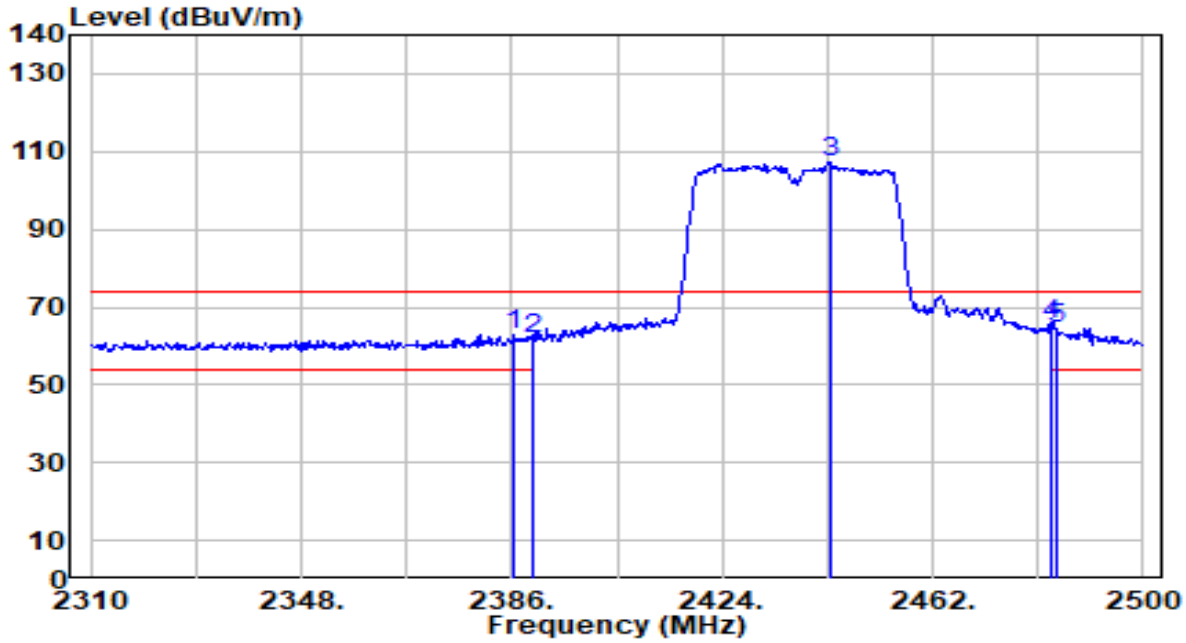


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.520	18.14	30.44	48.58	-5.42	54.00	100	249	Average
2		2390.000	17.91	30.45	48.35	-5.65	54.00	100	249	Average
3		2450.980	58.21	30.54	88.75	N/A	N/A	100	249	Average
4		2483.500	18.81	30.59	49.40	-4.60	54.00	100	249	Average
5	*	2486.700	18.88	30.59	49.47	-4.53	54.00	100	249	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

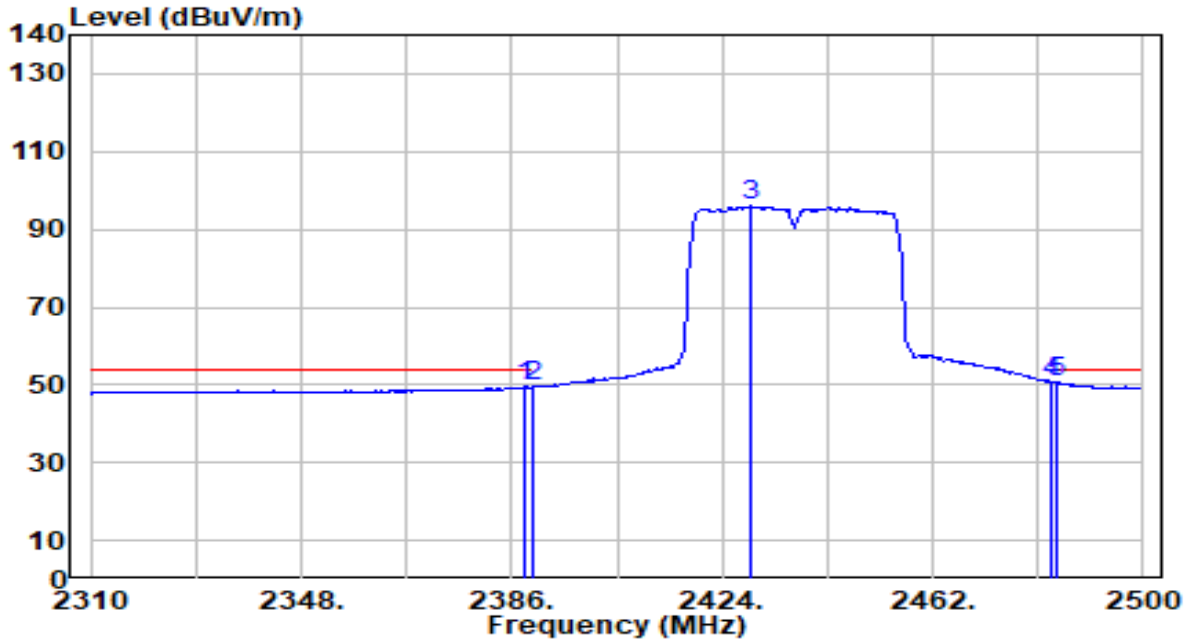


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2386.380	32.18	30.44	62.61	-11.39	74.00	100	221	Peak
2		2390.000	31.47	30.45	61.92	-12.08	74.00	100	221	Peak
3		2443.570	76.79	30.53	107.32	N/A	N/A	100	221	Peak
4	*	2483.500	34.99	30.59	65.58	-8.42	74.00	100	221	Peak
5		2484.420	33.86	30.59	64.45	-9.55	74.00	100	221	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

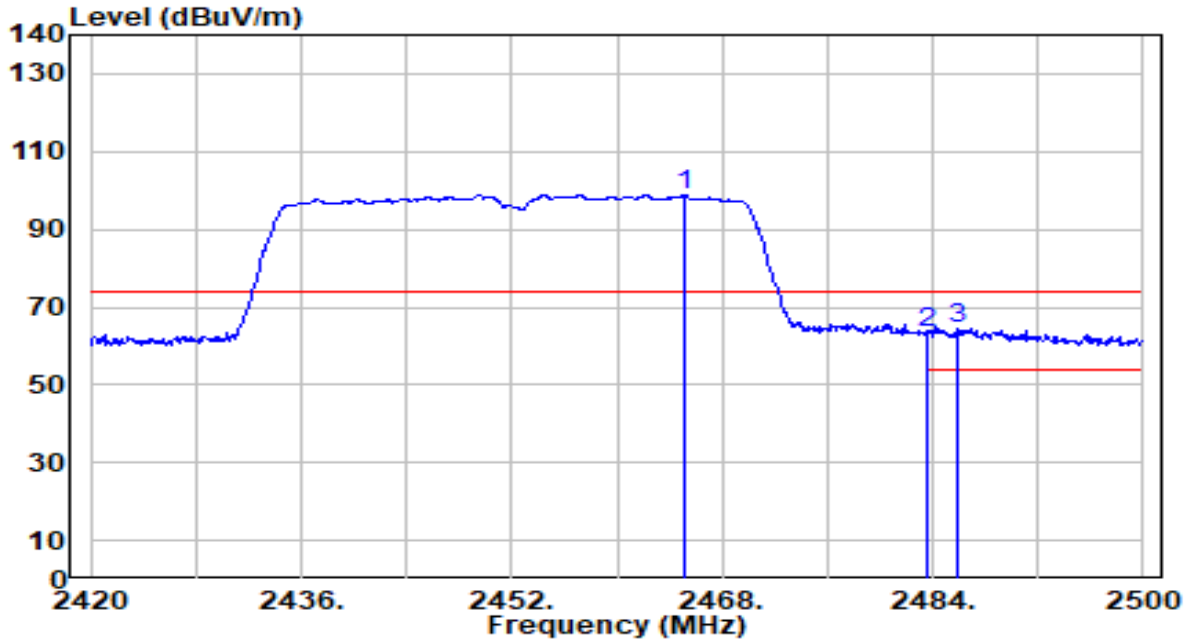


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.470	19.04	30.44	49.48	-4.52	54.00	100	221	Average
2		2390.000	18.97	30.45	49.42	-4.58	54.00	100	221	Average
3		2428.940	65.39	30.51	95.90	N/A	N/A	100	221	Average
4		2483.500	20.07	30.59	50.66	-3.34	54.00	100	221	Average
5	*	2484.230	20.11	30.59	50.70	-3.30	54.00	100	221	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

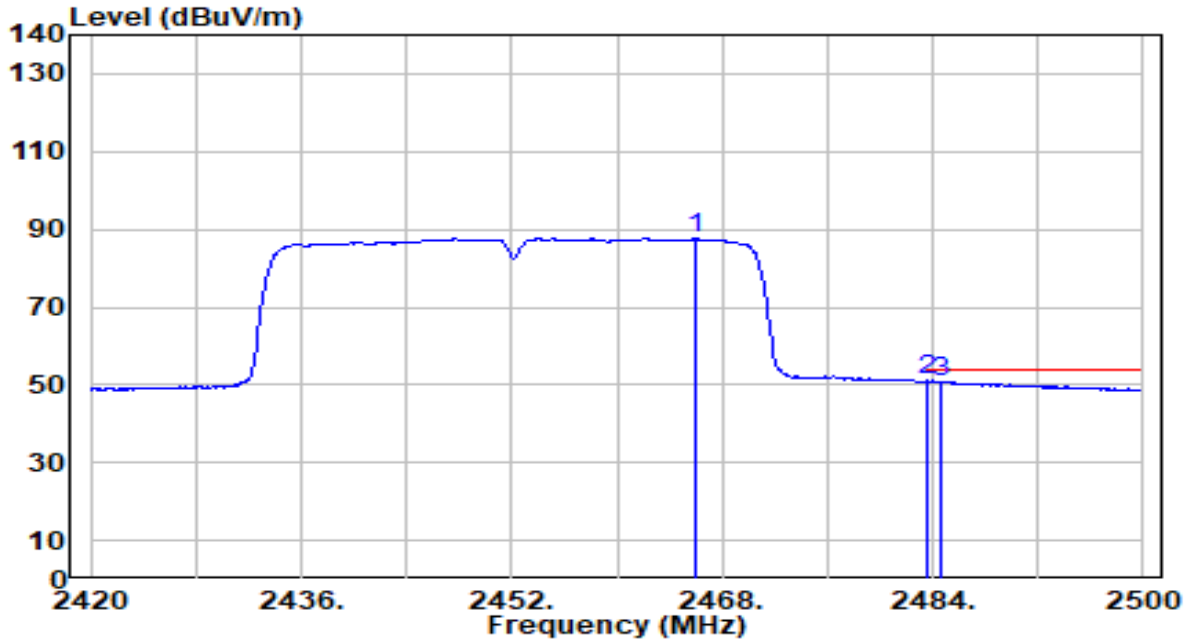


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2465.040	68.28	30.56	98.85	N/A	N/A	181	245	Peak
2		2483.500	32.95	30.59	63.54	-10.46	74.00	181	245	Peak
3	*	2485.840	33.69	30.59	64.28	-9.72	74.00	181	245	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

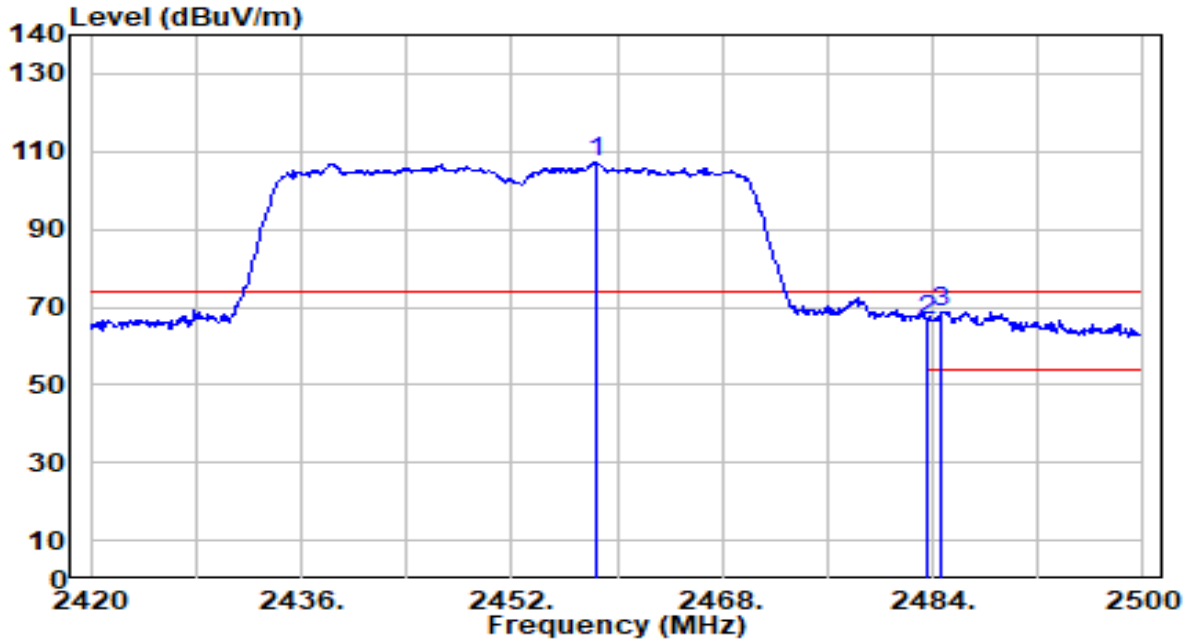


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2465.920	57.06	30.56	87.63	N/A	N/A	181	245	Average
2	*	2483.500	20.42	30.59	51.01	-2.99	54.00	181	245	Average
3		2484.560	20.24	30.59	50.83	-3.17	54.00	181	245	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

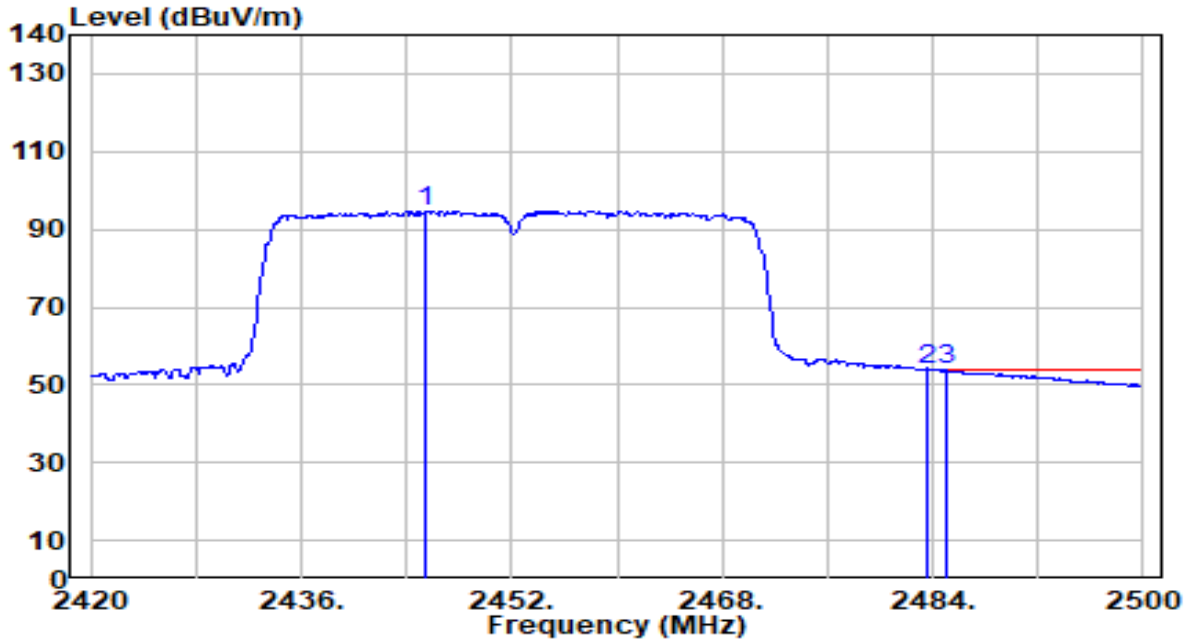


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2458.480	76.52	30.55	107.07	N/A	N/A	100	220	Peak
2		2483.500	36.05	30.59	66.63	-7.37	74.00	100	220	Peak
3	*	2484.720	38.04	30.59	68.63	-5.37	74.00	100	220	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11n-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

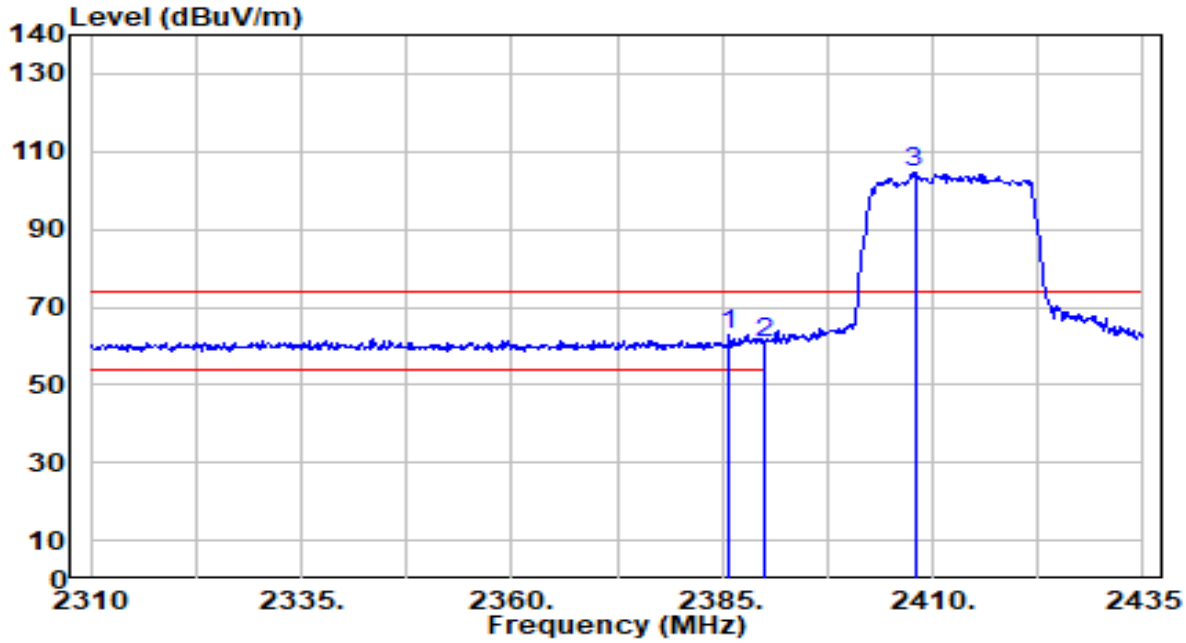


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2445.440	64.23	30.54	94.77	N/A	N/A	100	220	Average
2	*	2483.500	23.39	30.59	53.98	-0.02	54.00	100	220	Average
3		2485.120	23.23	30.59	53.82	-0.18	54.00	100	220	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

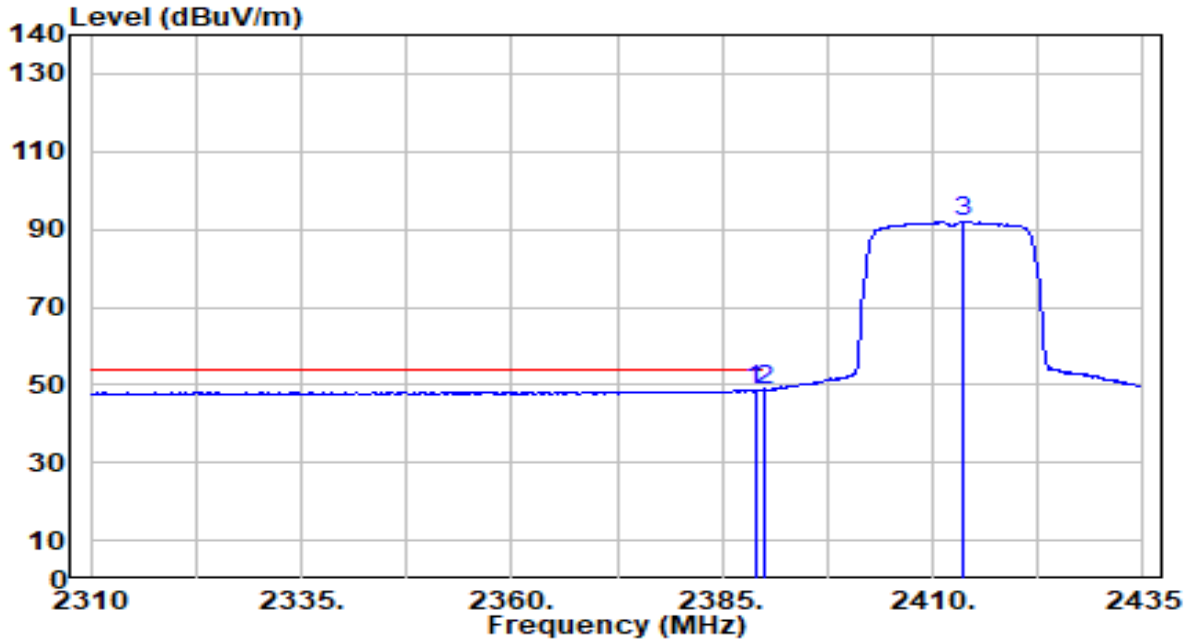


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2385.875	32.54	30.44	62.98	-11.02	74.00	100	245	Peak
2		2390.000	30.22	30.45	60.66	-13.34	74.00	100	245	Peak
3		2407.875	74.00	30.49	104.49	N/A	N/A	100	245	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

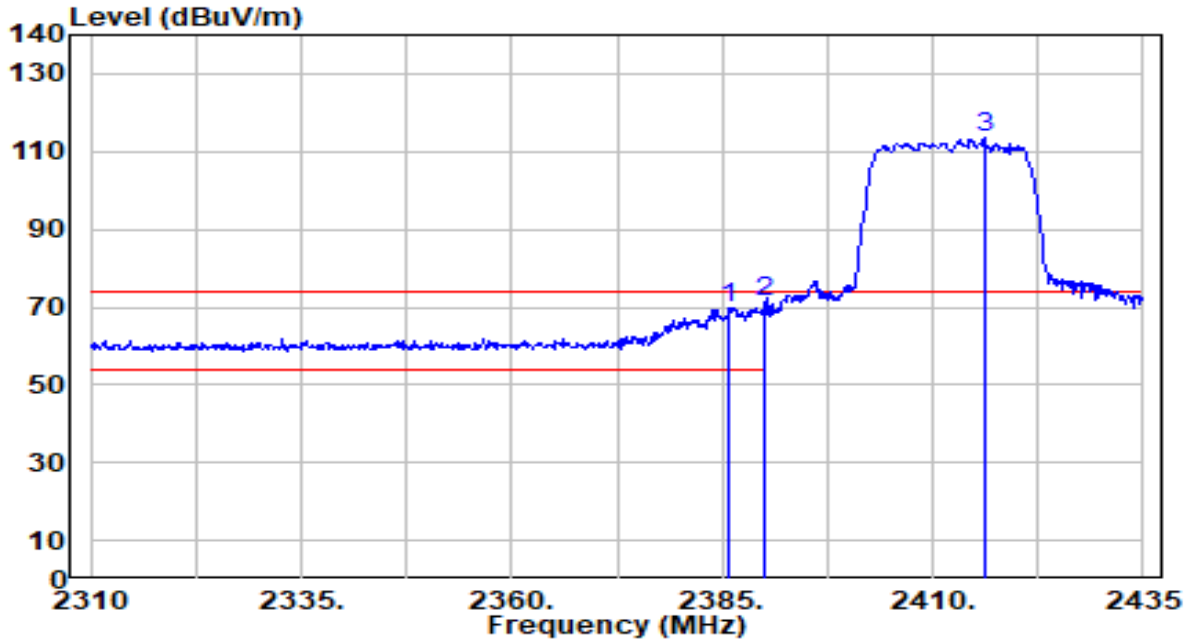


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.875	18.21	30.44	48.65	-5.35	54.00	100	245	Average
2	*	2390.000	18.41	30.45	48.86	-5.14	54.00	100	245	Average
3		2413.750	61.41	30.49	91.91	N/A	N/A	100	245	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

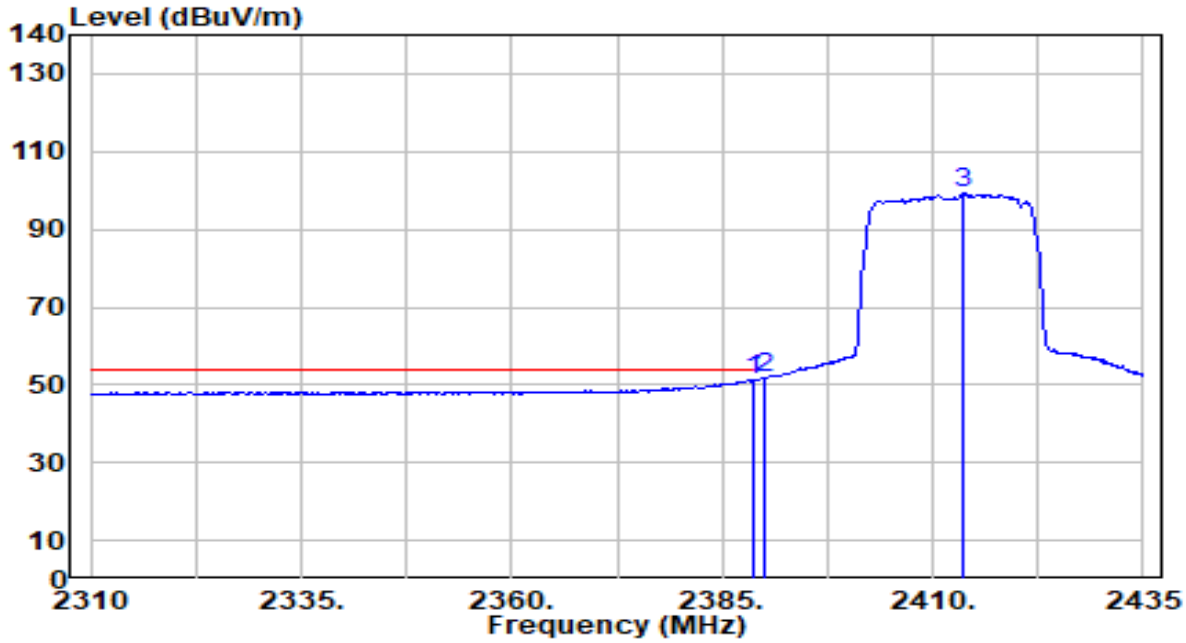


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.750	39.36	30.44	69.79	-4.21	74.00	100	220	Peak
2	*	2390.000	40.76	30.45	71.21	-2.79	74.00	100	220	Peak
3		2416.125	82.86	30.50	113.36	N/A	N/A	100	220	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 1+2	Test Voltage	By Notebook PC

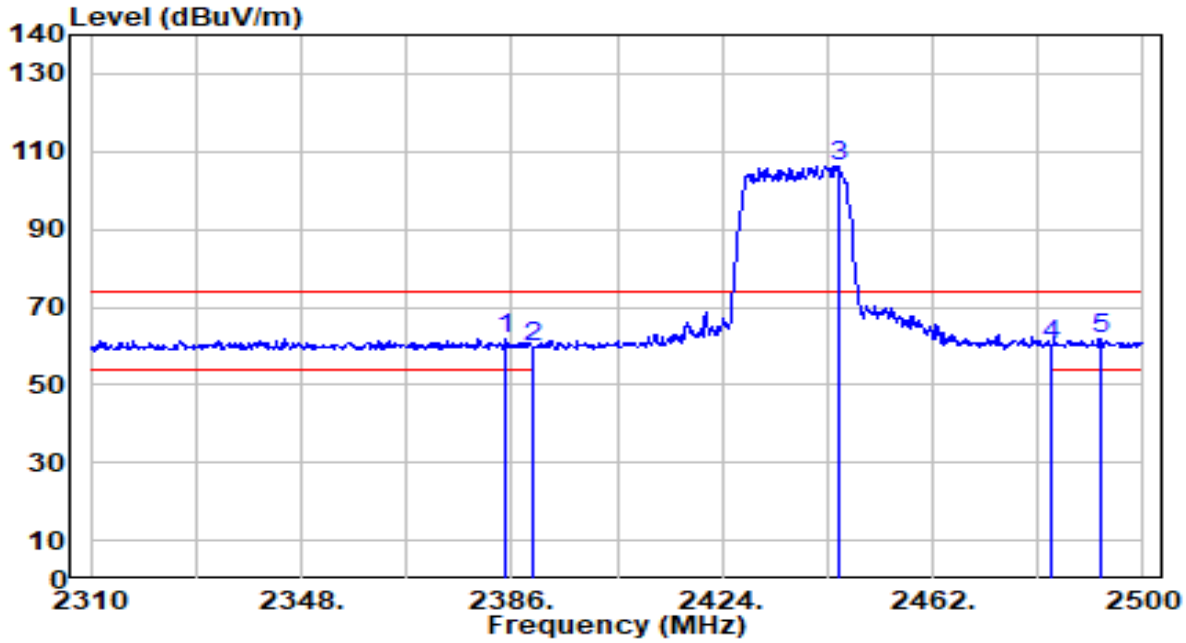


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.750	21.02	30.44	51.47	-2.53	54.00	100	220	Average
2	*	2390.000	21.31	30.45	51.75	-2.25	54.00	100	220	Average
3		2413.750	68.82	30.49	99.31	N/A	N/A	100	220	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

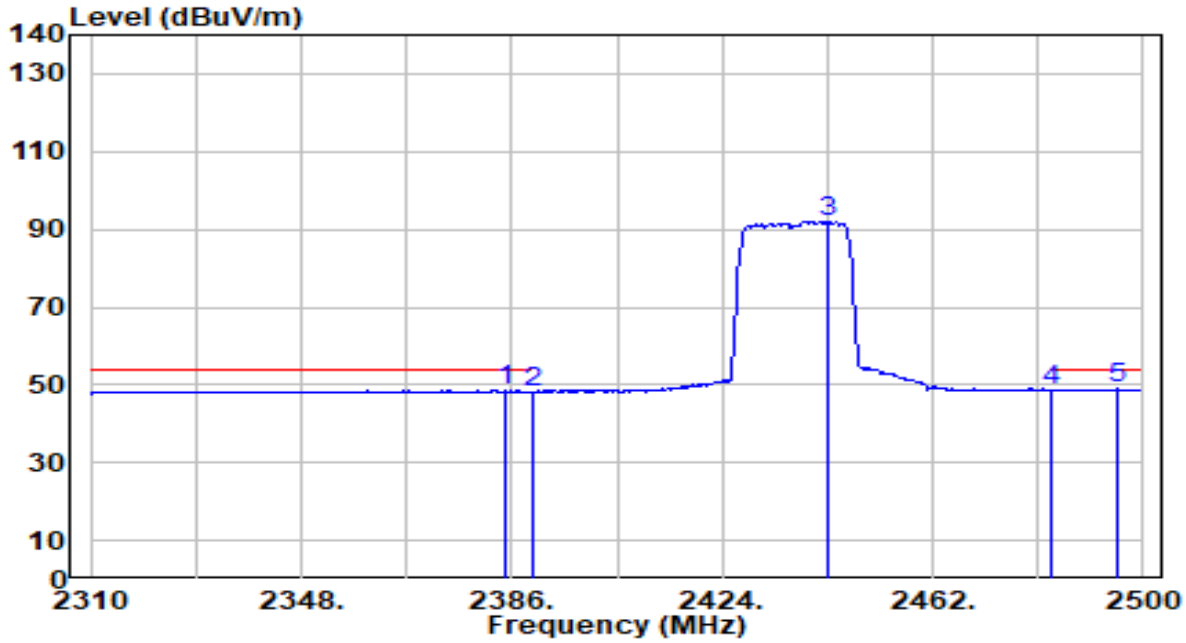


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2385.050	31.45	30.43	61.89	-12.11	74.00	100	246	Peak
2		2390.000	29.30	30.45	59.75	-14.25	74.00	100	246	Peak
3		2445.280	75.72	30.54	106.25	N/A	N/A	100	246	Peak
4		2483.500	29.59	30.59	60.18	-13.82	74.00	100	246	Peak
5		2492.400	31.18	30.60	61.78	-12.22	74.00	100	246	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

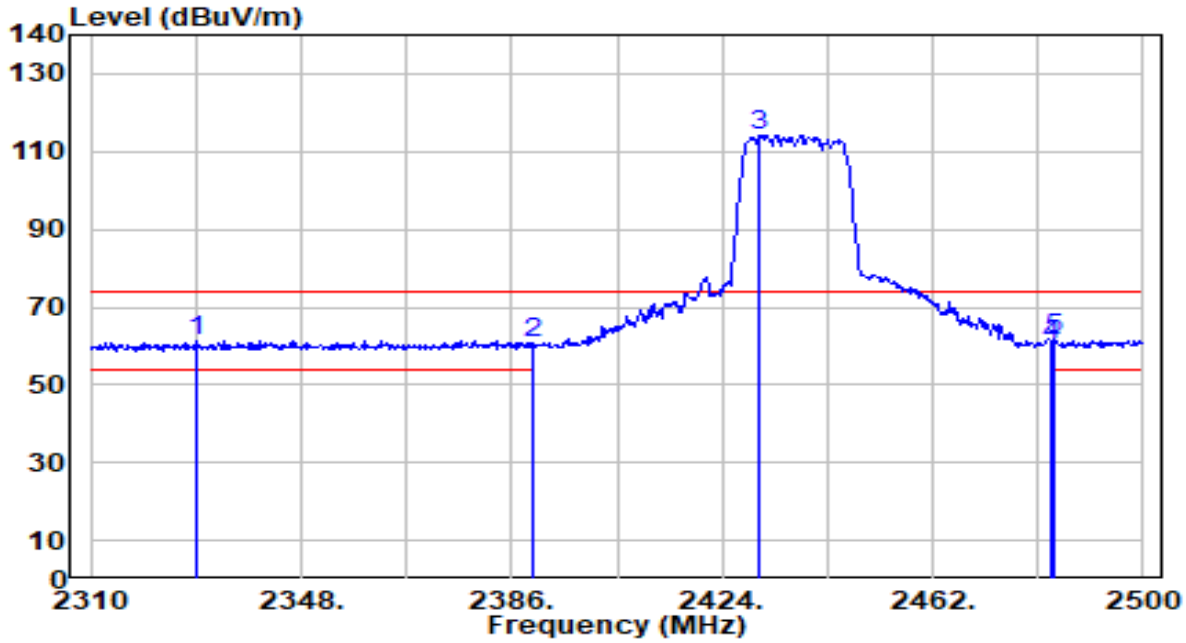


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2384.860	18.10	30.43	48.53	-5.47	54.00	100	246	Average
2		2390.000	17.86	30.45	48.30	-5.70	54.00	100	246	Average
3		2443.190	61.55	30.53	92.09	N/A	N/A	100	246	Average
4		2483.500	17.99	30.59	48.58	-5.42	54.00	100	246	Average
5	*	2495.440	18.37	30.60	48.98	-5.02	54.00	100	246	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

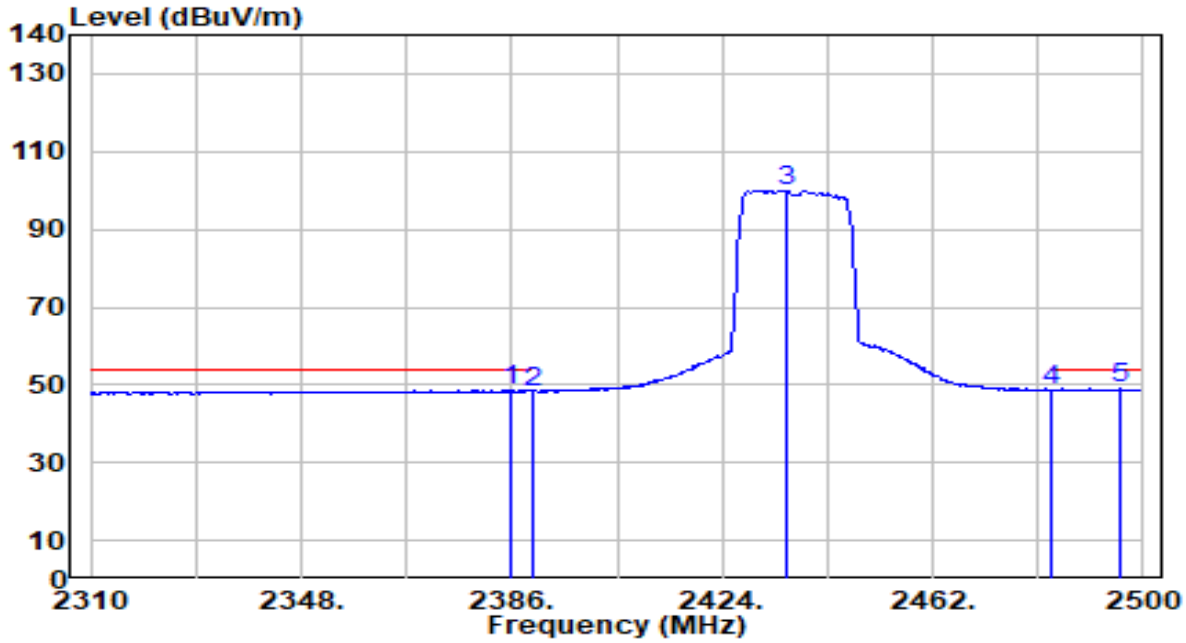


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2329.000	31.25	30.27	61.52	-12.48	74.00	180	102	Peak
2		2390.000	30.13	30.45	60.57	-13.43	74.00	180	102	Peak
3		2430.840	83.78	30.52	114.30	N/A	N/A	180	102	Peak
4		2483.500	29.40	30.59	59.99	-14.01	74.00	180	102	Peak
5	*	2484.040	31.20	30.59	61.79	-12.21	74.00	180	102	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

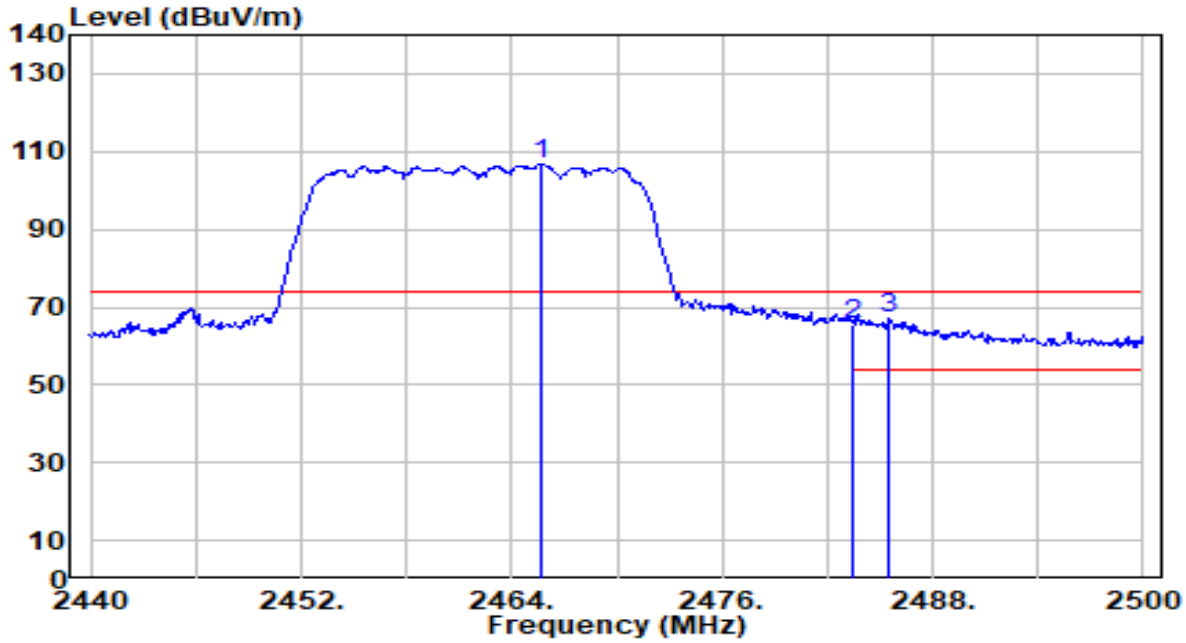


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.810	18.09	30.44	48.52	-5.48	54.00	180	102	Average
2		2390.000	17.89	30.45	48.33	-5.67	54.00	180	102	Average
3		2435.400	69.55	30.52	100.07	N/A	N/A	180	102	Average
4		2483.500	18.01	30.59	48.60	-5.40	54.00	180	102	Average
5	*	2495.820	18.42	30.60	49.03	-4.97	54.00	180	102	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

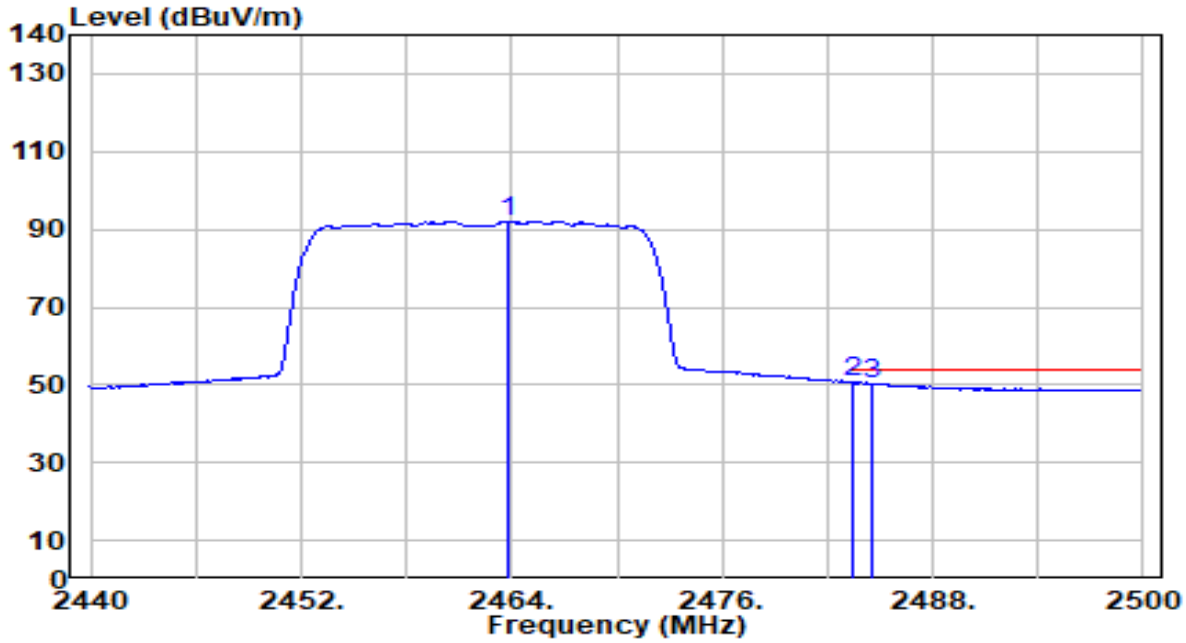


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2465.680	76.19	30.56	106.75	N/A	N/A	115	244	Peak
2		2483.500	34.85	30.59	65.44	-8.56	74.00	115	244	Peak
3	*	2485.440	36.43	30.59	67.02	-6.98	74.00	115	244	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

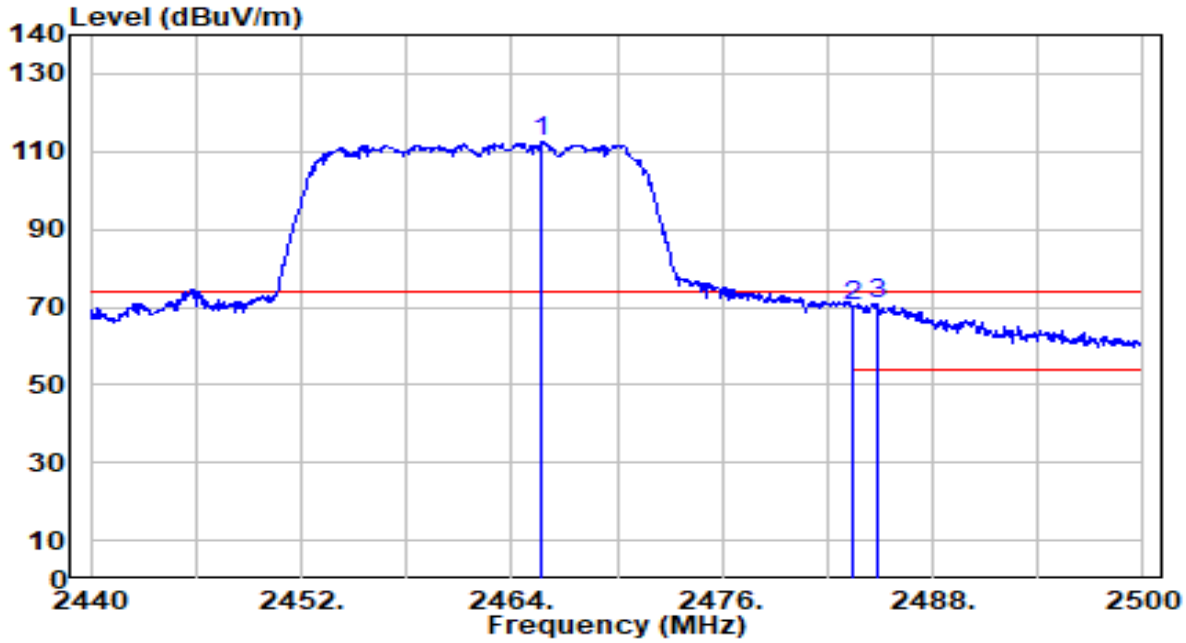


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.840	61.59	30.56	92.15	N/A	N/A	115	244	Average
2	*	2483.500	19.99	30.59	50.58	-3.42	54.00	115	244	Average
3		2484.480	19.68	30.59	50.27	-3.73	54.00	115	244	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

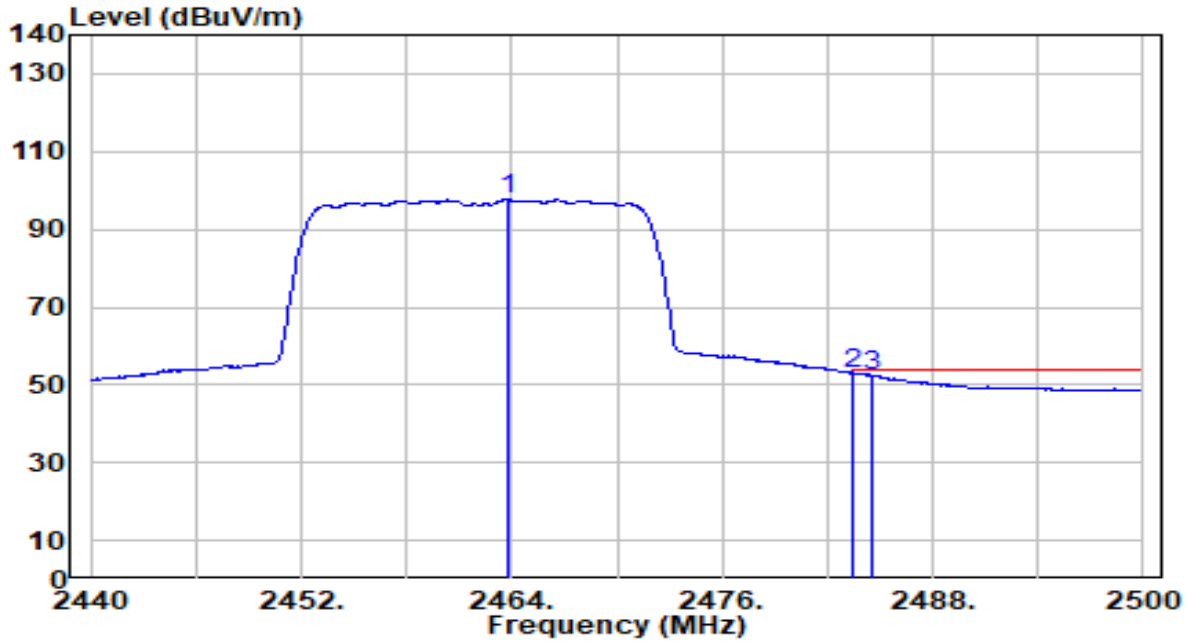


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2465.680	81.78	30.56	112.34	N/A	N/A	100	90	Peak
2		2483.500	39.88	30.59	70.47	-3.53	74.00	100	90	Peak
3	*	2484.820	40.35	30.59	70.94	-3.06	74.00	100	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
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 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 1+2	Test Voltage	By Notebook PC

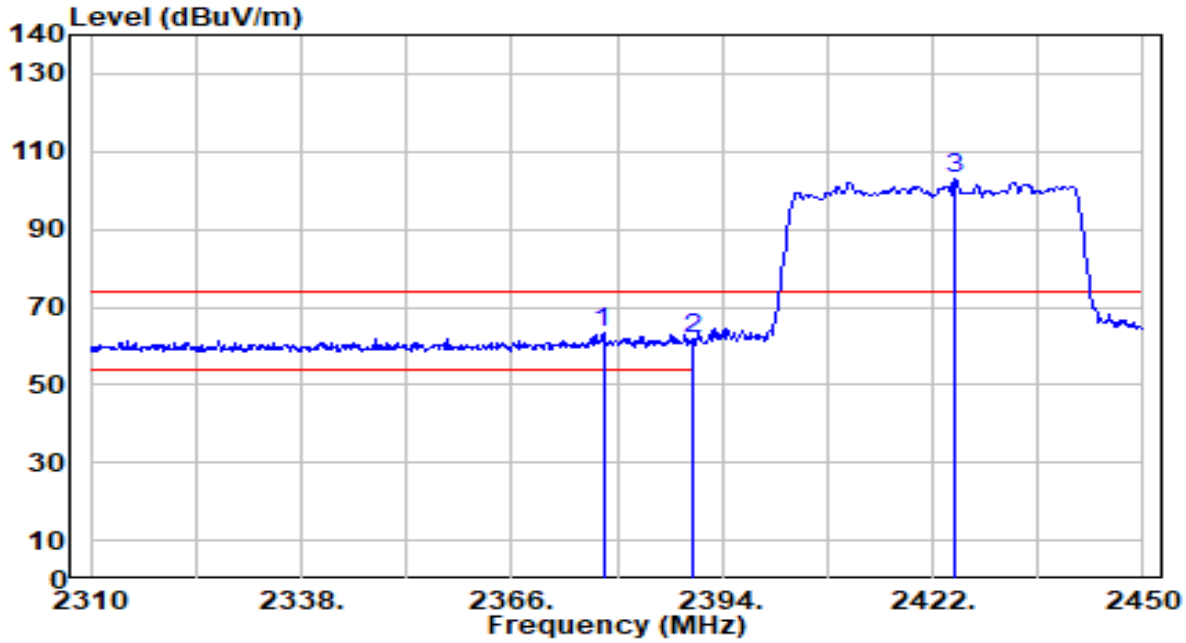


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.760	67.14	30.56	97.70	N/A	N/A	100	90	Average
2	*	2483.500	22.37	30.59	52.95	-1.05	54.00	100	90	Average
3		2484.580	21.94	30.59	52.53	-1.47	54.00	100	90	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

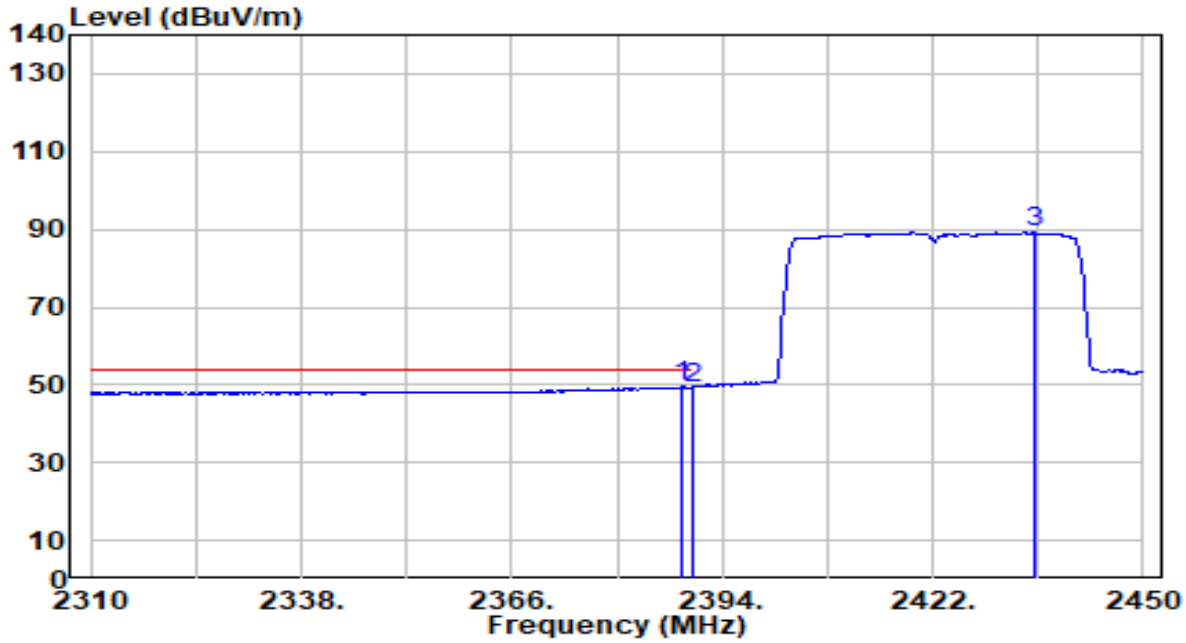


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2378.180	32.96	30.41	63.37	-10.63	74.00	148	248	Peak
2		2390.000	31.12	30.45	61.57	-12.43	74.00	148	248	Peak
3		2424.940	72.36	30.51	102.87	N/A	N/A	148	248	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

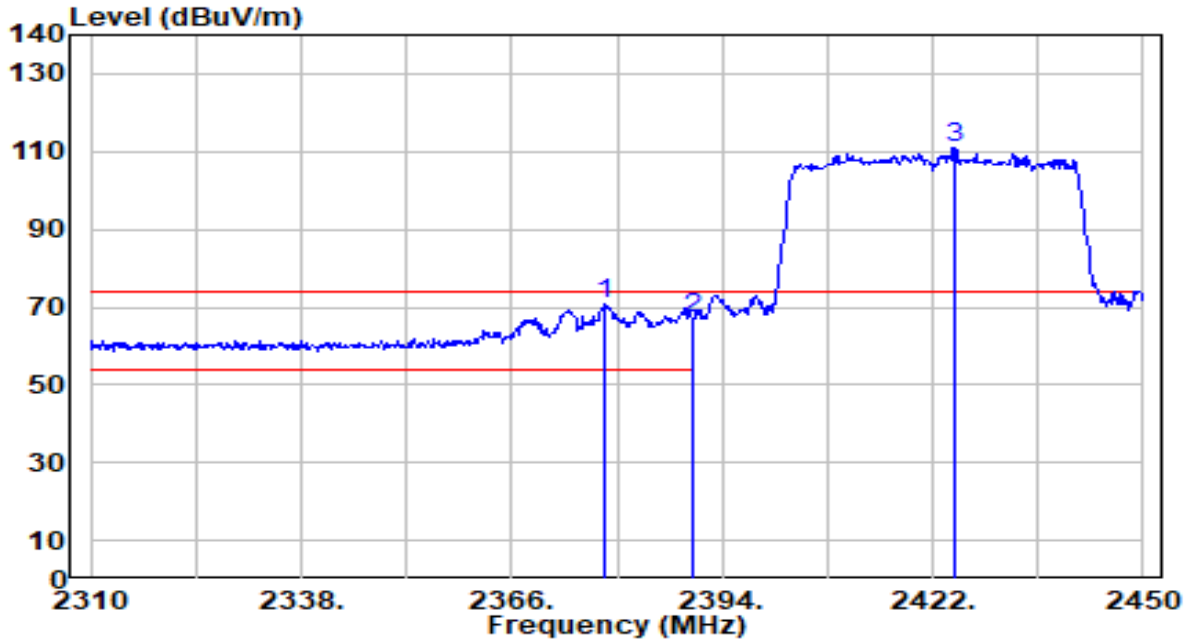


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.540	19.01	30.44	49.46	-4.54	54.00	148	248	Average
2		2390.000	18.89	30.45	49.33	-4.67	54.00	148	248	Average
3		2435.440	58.62	30.52	89.14	N/A	N/A	148	248	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

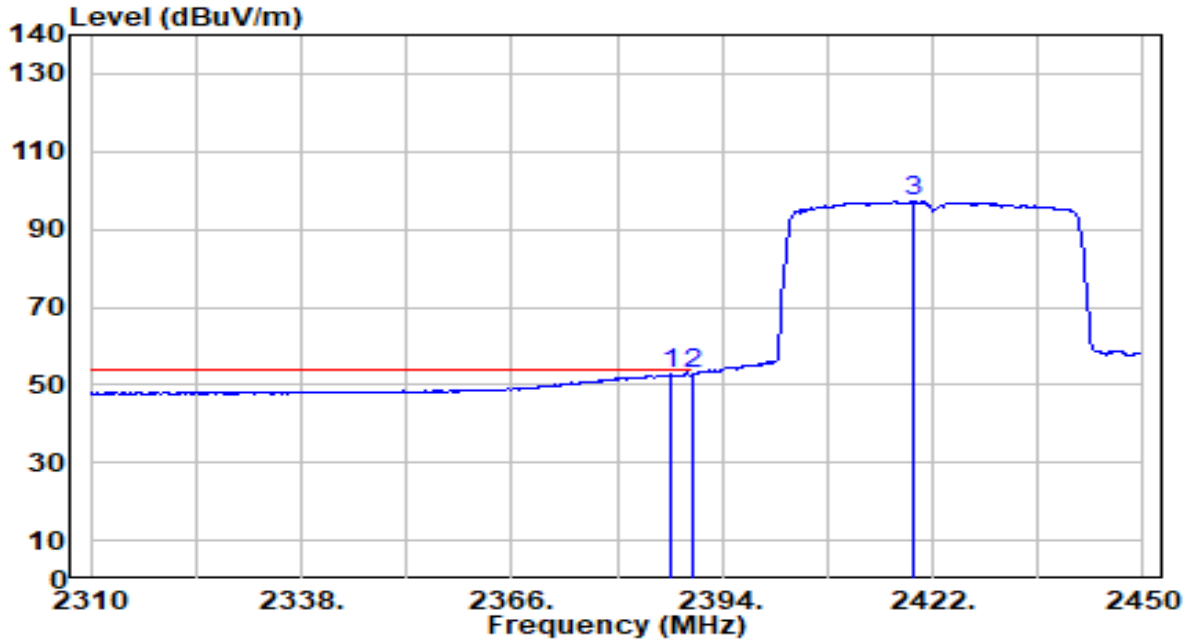


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2378.460	40.43	30.41	70.84	-3.16	74.00	118	226	Peak
2		2390.000	36.50	30.45	66.95	-7.05	74.00	118	226	Peak
3		2424.800	80.51	30.51	111.02	N/A	N/A	118	226	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 1+2	Test Voltage	By Notebook PC

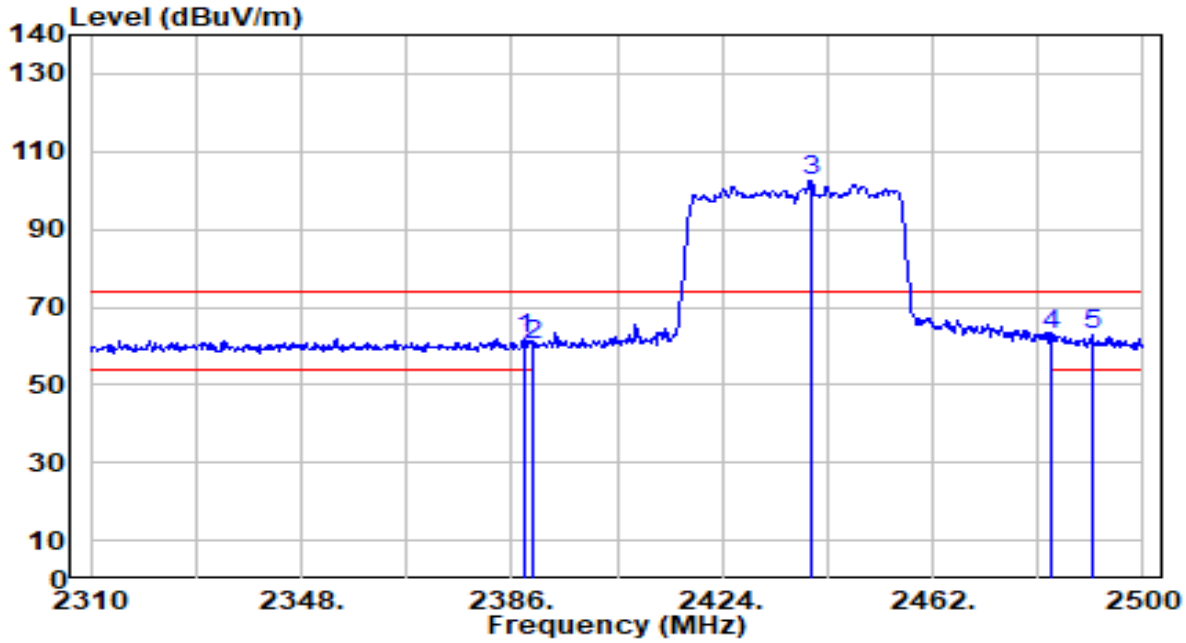


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.140	22.13	30.44	52.57	-1.43	54.00	118	226	Average
2	*	2390.000	22.40	30.45	52.85	-1.15	54.00	118	226	Average
3		2419.340	66.63	30.50	97.13	N/A	N/A	118	226	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

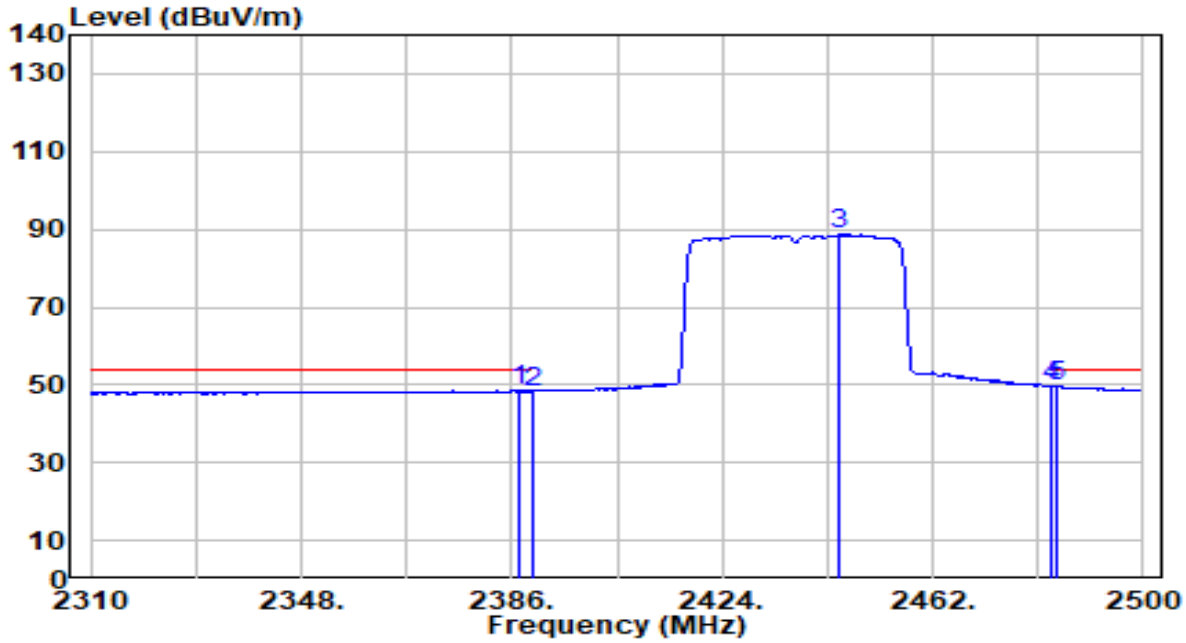


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.280	31.21	30.44	61.65	-12.35	74.00	110	246	Peak
2		2390.000	29.69	30.45	60.14	-13.86	74.00	110	246	Peak
3		2439.960	71.76	30.53	102.29	N/A	N/A	110	246	Peak
4	*	2483.500	32.50	30.59	63.09	-10.91	74.00	110	246	Peak
5		2490.880	32.11	30.60	62.71	-11.29	74.00	110	246	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

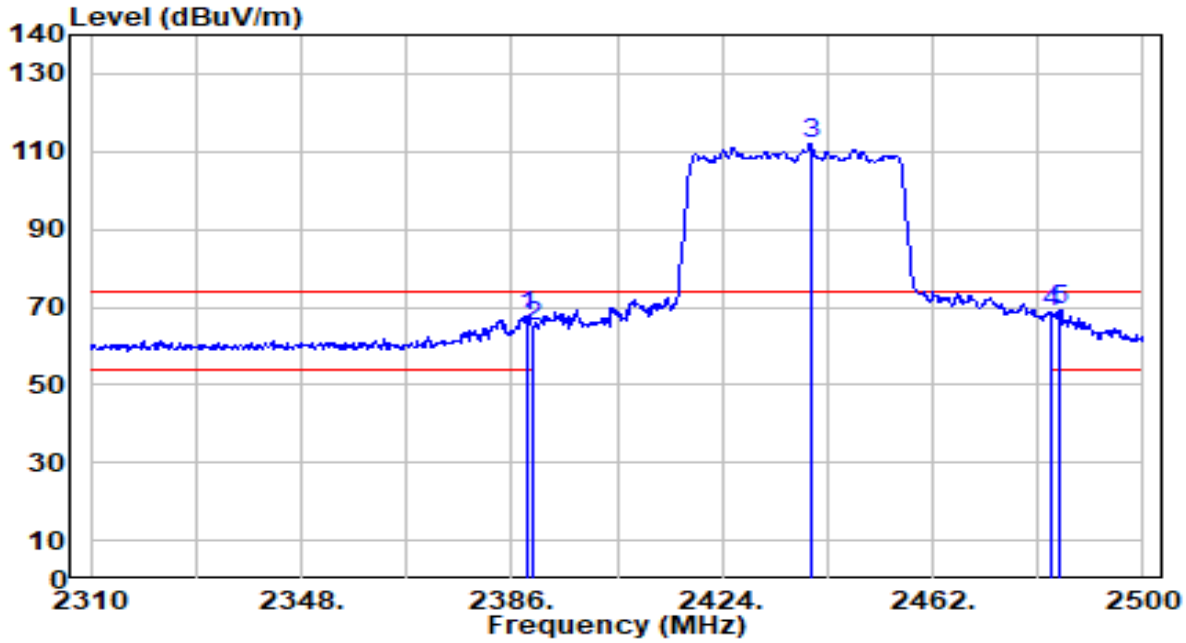


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.140	18.11	30.44	48.55	-5.45	54.00	110	246	Average
2		2390.000	17.89	30.45	48.33	-5.67	54.00	110	246	Average
3		2445.280	58.08	30.54	88.62	N/A	N/A	110	246	Average
4	*	2483.500	19.20	30.59	49.79	-4.21	54.00	110	246	Average
5		2484.230	19.10	30.59	49.69	-4.31	54.00	110	246	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

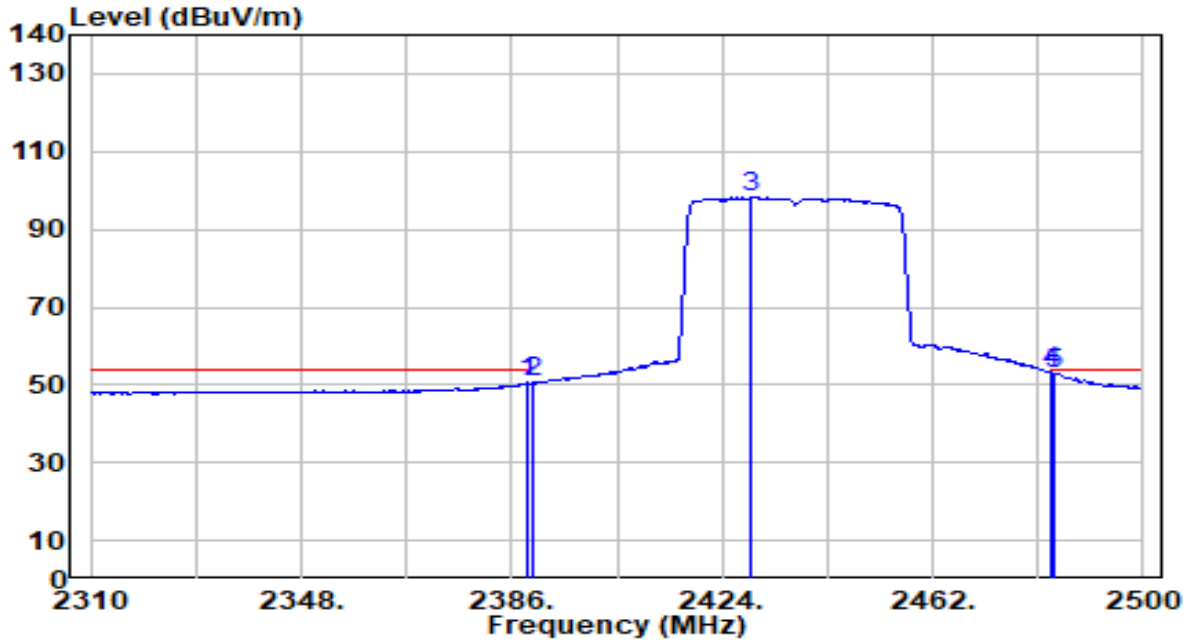


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	37.39	30.44	67.83	-6.17	74.00	115	223	Peak
2		2390.000	34.57	30.45	65.02	-8.98	74.00	115	223	Peak
3		2439.960	81.43	30.53	111.96	N/A	N/A	115	223	Peak
4		2483.500	37.99	30.59	68.58	-5.42	74.00	115	223	Peak
5	*	2484.990	38.86	30.59	69.45	-4.55	74.00	115	223	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 1+2	Test Voltage	By Notebook PC

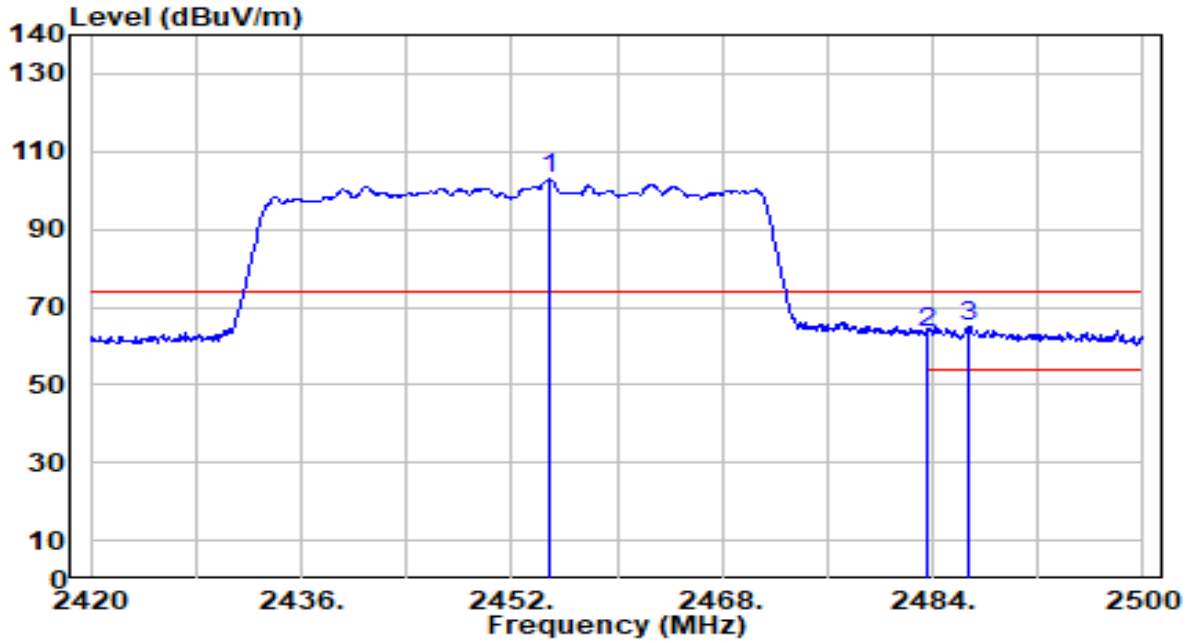


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	20.10	30.44	50.55	-3.45	54.00	115	223	Average
2		2390.000	20.09	30.45	50.53	-3.47	54.00	115	223	Average
3		2429.130	67.64	30.52	98.16	N/A	N/A	115	223	Average
4	*	2483.500	22.52	30.59	53.11	-0.89	54.00	115	223	Average
5		2484.040	22.48	30.59	53.07	-0.93	54.00	115	223	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

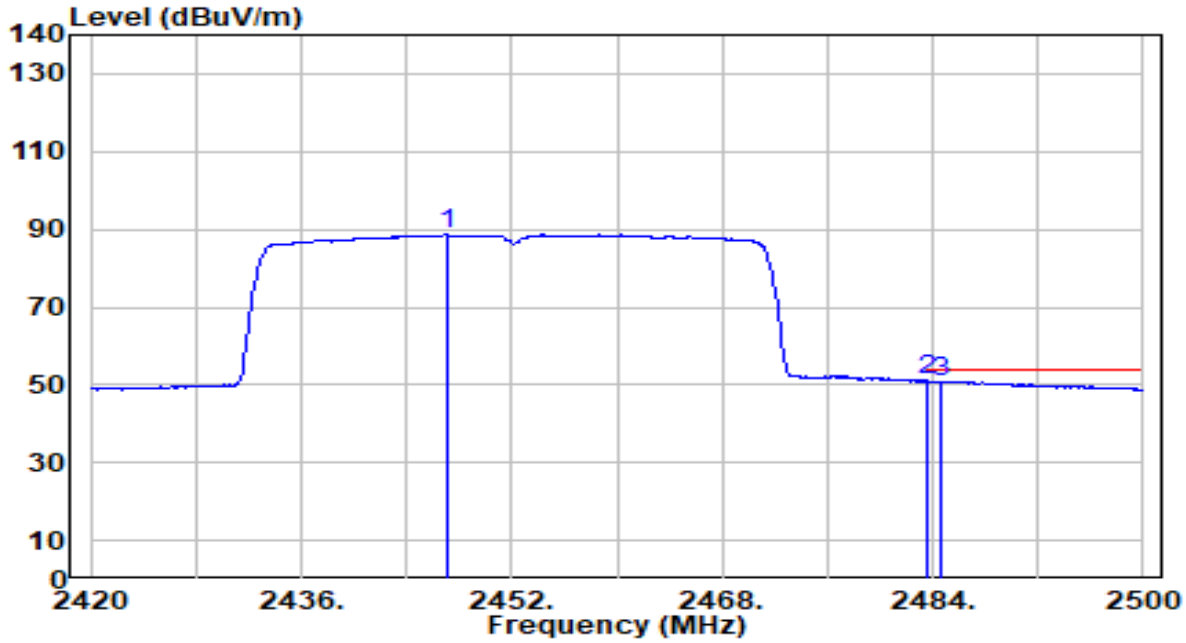


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2454.800	72.33	30.55	102.88	N/A	N/A	102	246	Peak
2		2483.500	32.66	30.59	63.24	-10.76	74.00	102	246	Peak
3	*	2486.640	34.46	30.59	65.06	-8.94	74.00	102	246	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

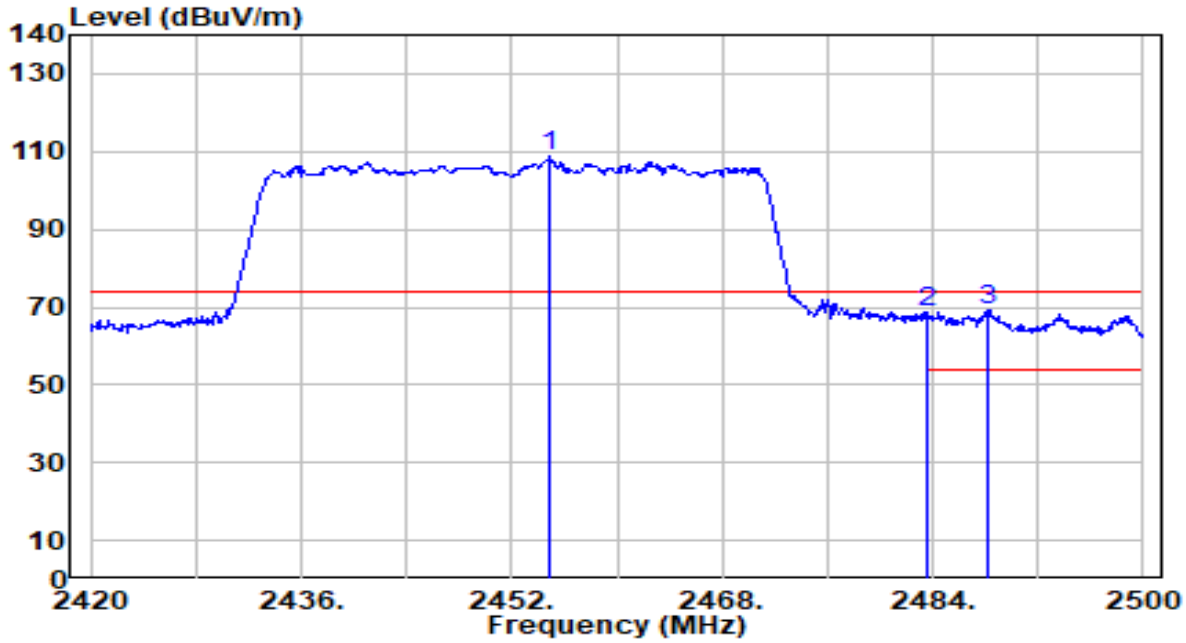


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2447.120	58.06	30.54	88.60	N/A	N/A	102	246	Average
2	*	2483.500	20.57	30.59	51.15	-2.85	54.00	102	246	Average
3		2484.640	20.34	30.59	50.93	-3.07	54.00	102	246	Average

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 1+2	Test Voltage	By Notebook PC

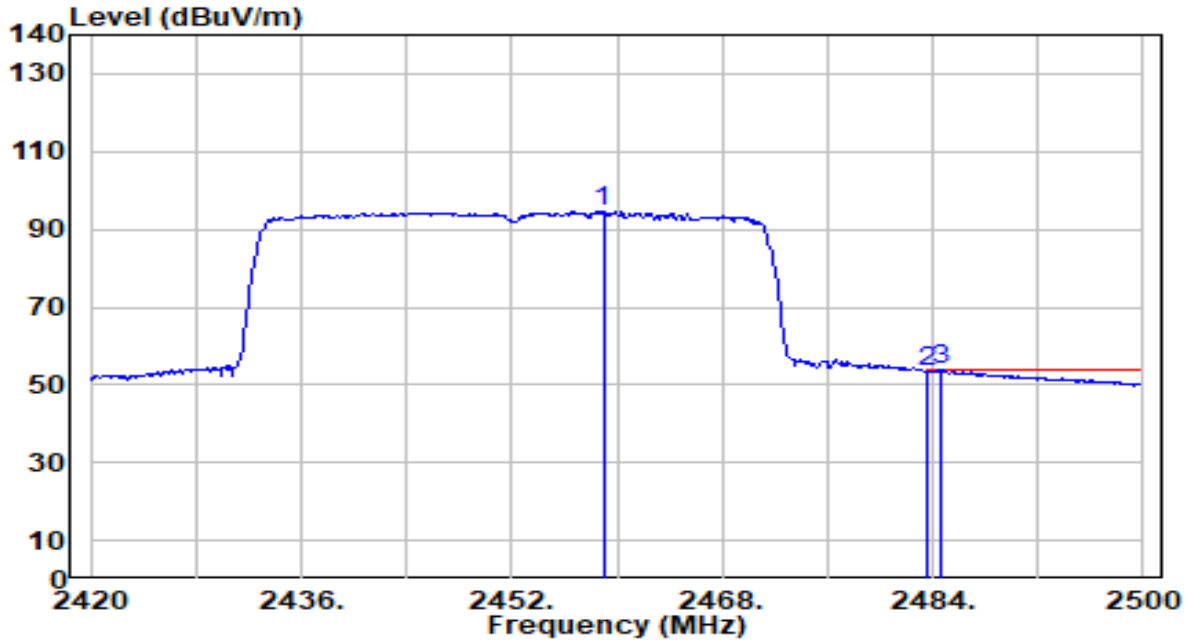


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2454.960	78.15	30.55	108.70	N/A	N/A	100	221	Peak
2		2483.500	37.90	30.59	68.49	-5.51	74.00	100	221	Peak
3	*	2488.160	38.86	30.59	69.46	-4.54	74.00	100	221	Peak

Note:

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

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-07
Factor	DRH18-E	Temp. / Humidity	22°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / You
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 1+2	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		2458.960	63.81	30.56	94.37	N/A	N/A	100	221	Average
2		2483.500	22.85	30.59	53.44	-0.56	54.00	100	221	Average
3	*	2484.720	23.16	30.59	53.75	-0.25	54.00	100	221	Average

Note:

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

7.8. AC Conducted Emissions Measurement

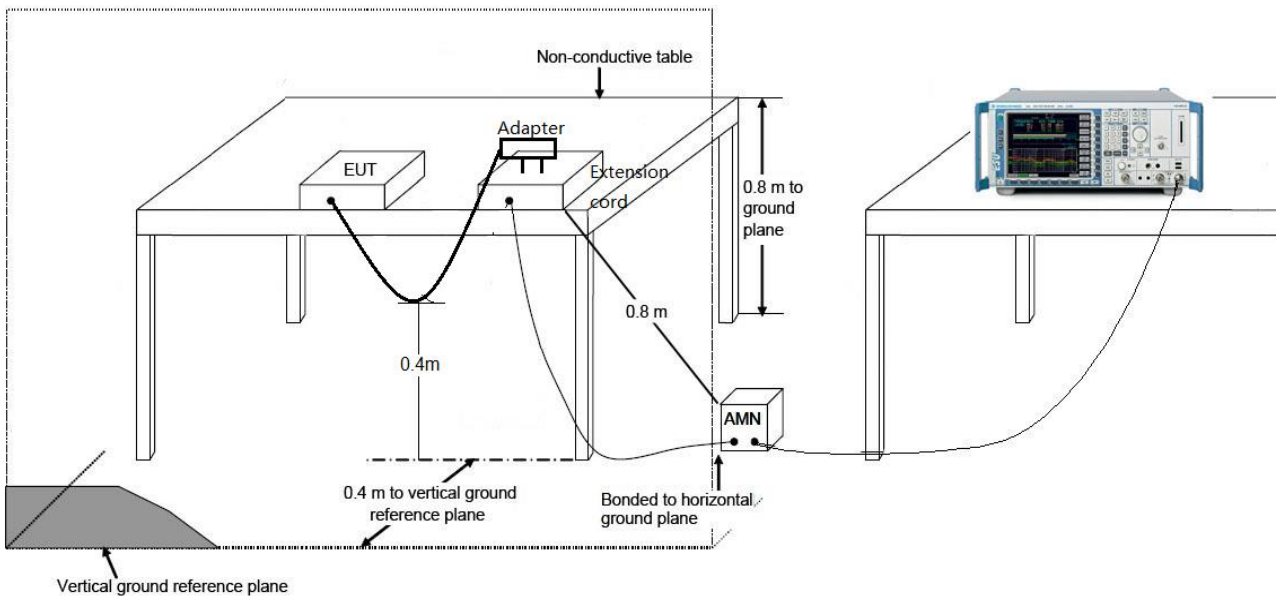
7.8.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

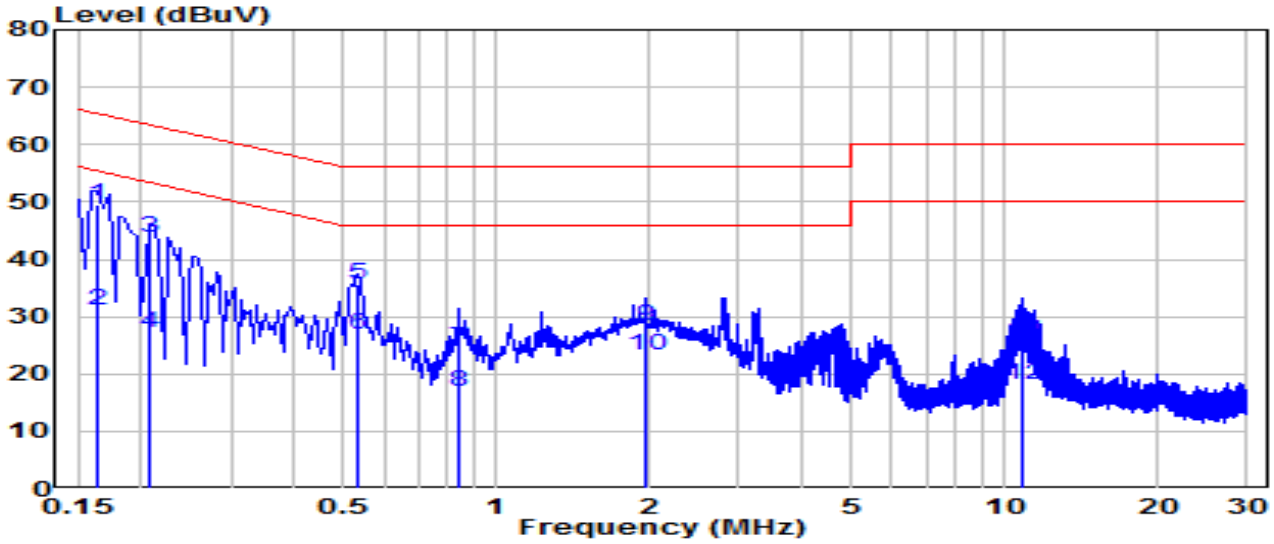
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2.Test Setup



7.8.3.Test Result

EUT	AX1800 High Gain Wireless USB Adapter	Date of Test	2024-05-31
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C /52%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	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	39.91	9.63	49.54	-15.74	65.28	QP
2	*	0.163	21.43	9.63	31.06	-24.22	55.28	Average
3		0.208	34.16	9.63	43.80	-19.47	63.27	QP
4		0.208	17.63	9.63	27.27	-26.00	53.27	Average
5		0.532	25.85	9.65	35.51	-20.49	56.00	QP
6		0.532	17.25	9.65	26.90	-19.10	46.00	Average
7		0.843	14.69	9.67	24.36	-31.64	56.00	QP
8		0.843	7.12	9.67	16.79	-29.21	46.00	Average
9		1.959	18.56	9.70	28.26	-27.74	56.00	QP
10		1.959	13.42	9.70	23.12	-22.88	46.00	Average
11		10.890	15.84	9.88	25.71	-34.29	60.00	QP
12		10.890	8.26	9.88	18.13	-31.87	50.00	Average

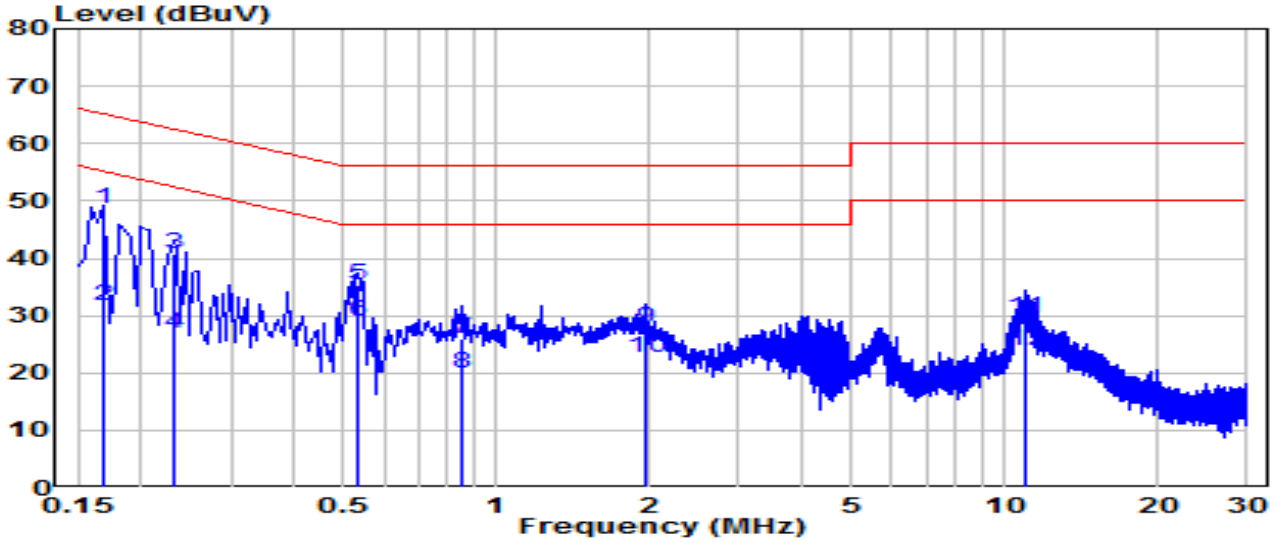
Note:

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 High Gain Wireless USB Adapter	Date of Test	2024-05-31
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /52%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	AC 120V/60Hz

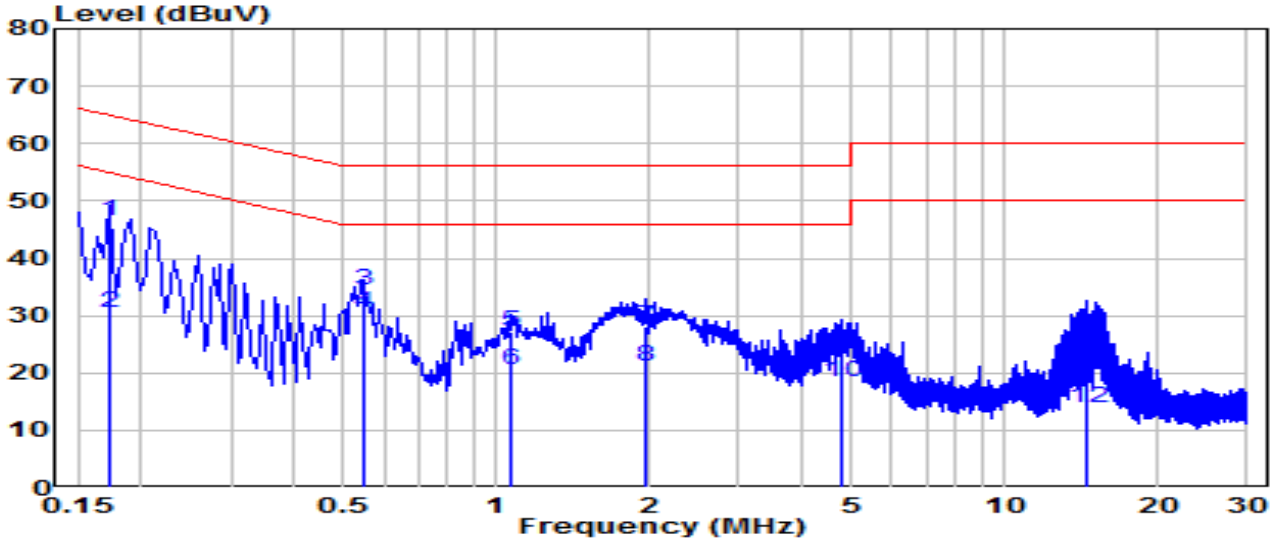


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.168	39.05	9.63	48.68	-16.38	65.06	QP
2	*	0.168	22.08	9.63	31.71	-23.35	55.06	Average
3		0.231	31.18	9.63	40.81	-21.60	62.41	QP
4		0.231	17.19	9.63	26.82	-25.59	52.41	Average
5		0.532	25.76	9.65	35.41	-20.59	56.00	QP
6		0.532	19.37	9.65	29.03	-16.97	46.00	Average
7		0.852	16.36	9.67	26.03	-29.97	56.00	QP
8		0.852	10.13	9.67	19.80	-26.20	46.00	Average
9		1.959	18.16	9.71	27.86	-28.14	56.00	QP
10		1.959	12.80	9.71	22.51	-23.49	46.00	Average
11		11.007	19.54	9.90	29.44	-30.56	60.00	QP
12		11.007	14.05	9.90	23.95	-26.05	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 High Gain Wireless USB Adapter	Date of Test	2024-05-31
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C /52%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.172	36.96	9.63	46.59	-18.25	64.84	QP
2		0.172	20.88	9.63	30.51	-24.33	54.84	Average
3	*	0.546	24.89	9.65	34.54	-21.46	56.00	QP
4	*	0.546	20.97	9.65	30.62	-15.38	46.00	Average
5		1.068	17.60	9.68	27.28	-28.72	56.00	QP
6		1.068	10.79	9.68	20.47	-25.53	46.00	Average
7		1.963	18.49	9.70	28.19	-27.81	56.00	QP
8		1.963	11.55	9.70	21.25	-24.75	46.00	Average
9		4.767	13.06	9.74	22.80	-33.20	56.00	QP
10		4.767	8.67	9.74	18.42	-27.58	46.00	Average
11		14.477	14.36	9.90	24.26	-35.74	60.00	QP
12		14.477	4.12	9.90	14.02	-35.98	50.00	Average

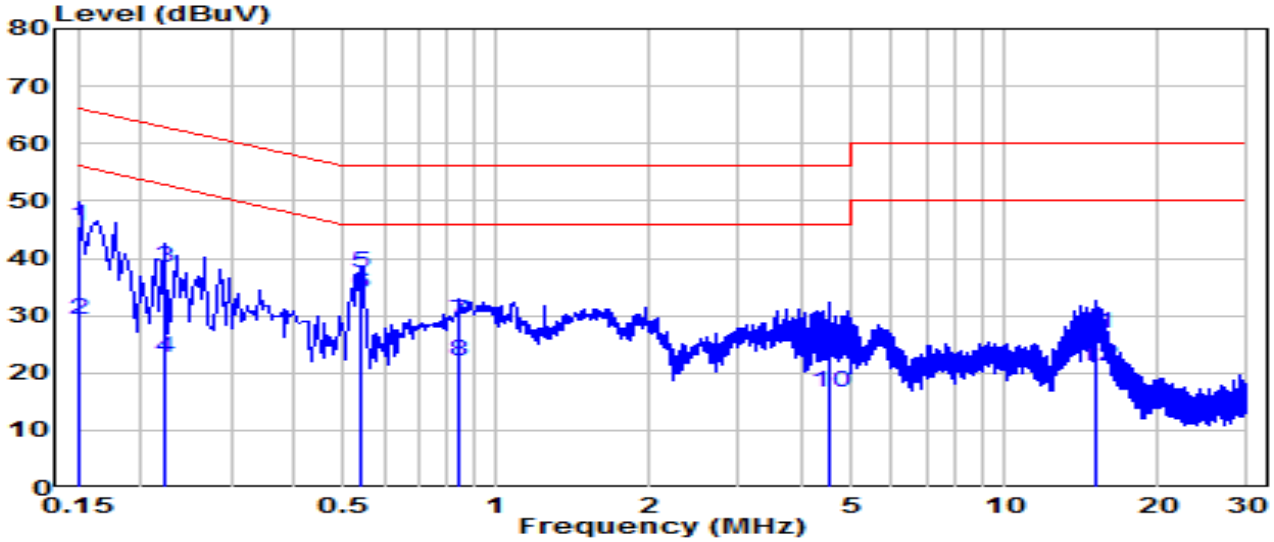
Note:

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 High Gain Wireless USB Adapter	Date of Test	2024-05-31
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /52%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 1+2	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.150	35.85	9.63	45.48	-20.52	66.00	QP
2		0.150	19.63	9.63	29.26	-26.74	56.00	Average
3		0.222	28.75	9.63	38.38	-24.36	62.74	QP
4		0.222	13.12	9.63	22.76	-29.99	52.74	Average
5	*	0.541	27.89	9.65	37.54	-18.46	56.00	QP
6	*	0.541	24.04	9.65	33.70	-12.30	46.00	Average
7		0.847	19.26	9.67	28.93	-27.07	56.00	QP
8		0.847	12.38	9.67	22.05	-23.95	46.00	Average
9		4.506	13.69	9.75	23.44	-32.56	56.00	QP
10		4.506	6.79	9.75	16.53	-29.47	46.00	Average
11		15.111	16.93	9.94	26.87	-33.13	60.00	QP
12		15.111	11.16	9.94	21.10	-28.90	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 compliance with Part 15C of the FCC Rules.

Appendix A : Test Setup Photograph

Refer to “2405TW0102-UT” file.

Appendix B : External Photograph

Refer to “2405TW0102-UE” file.

Appendix C : Internal Photograph

Refer to “2405TW0102-UI” file.

The End