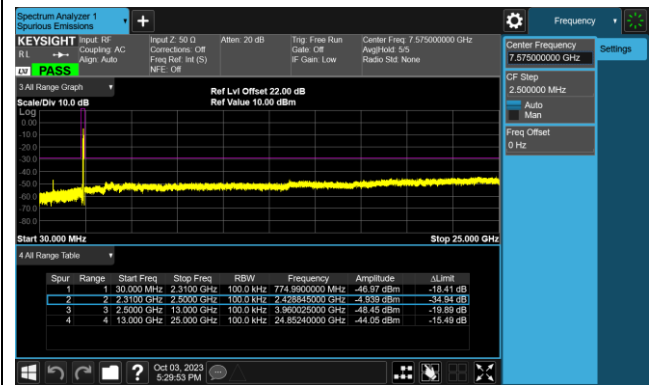


802.11 n40 CH03 (2422MHz)



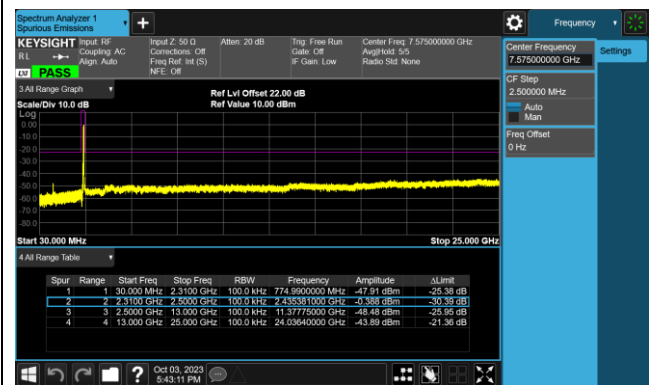
802.11 n40 CH03 (2422MHz)



802.11 n40 CH06 (2437MHz)



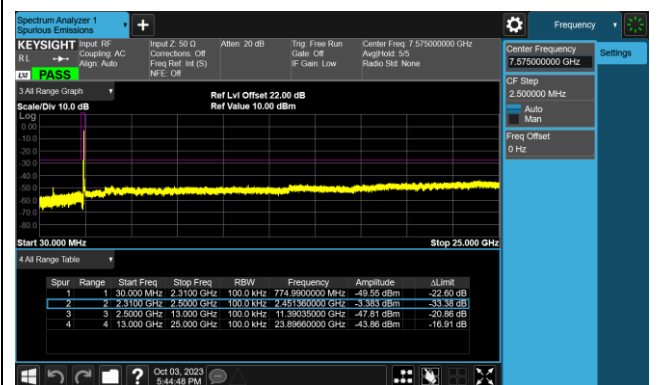
802.11 n40 CH06 (2437MHz)



802.11 n40 CH09 (2452MHz)



802.11 n40 CH09 (2452MHz)

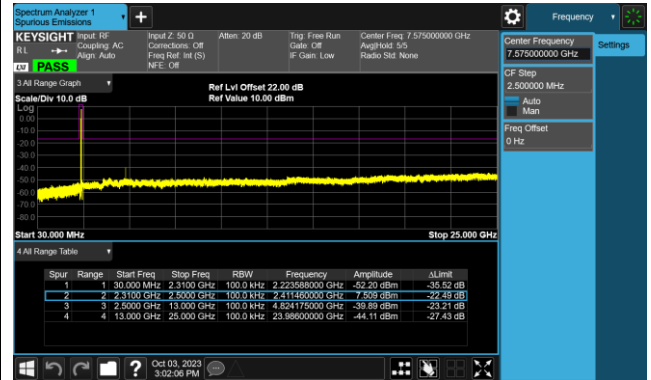


Ant 1

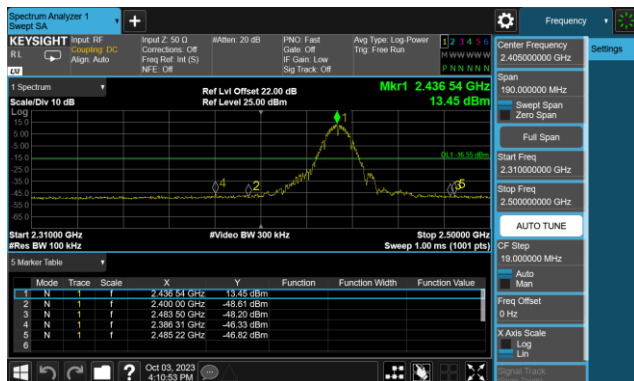
802.11 b CH01 (2412MHz)



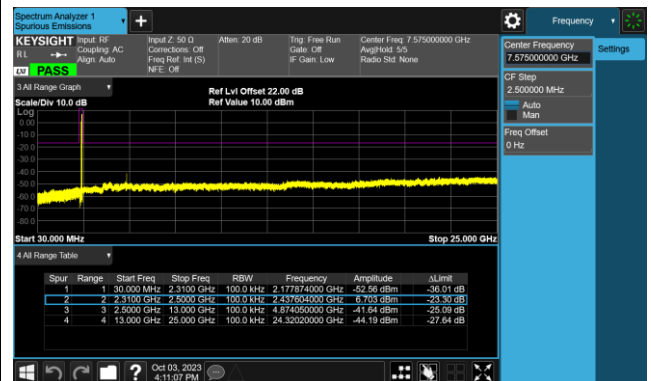
802.11 b CH01 (2412MHz)



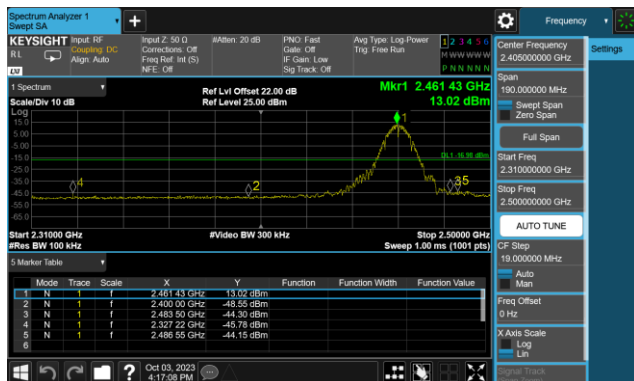
802.11 b CH06 (2437MHz)



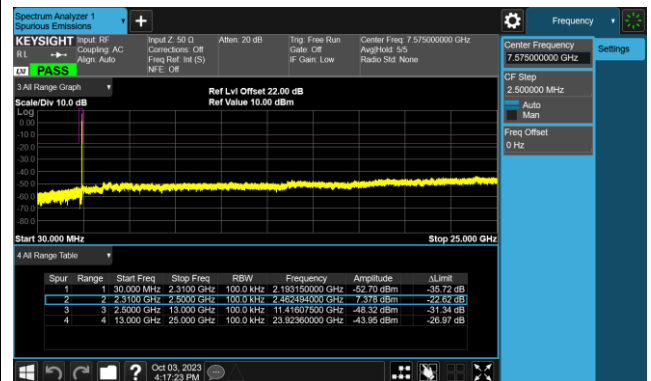
802.11 b CH06 (2437MHz)

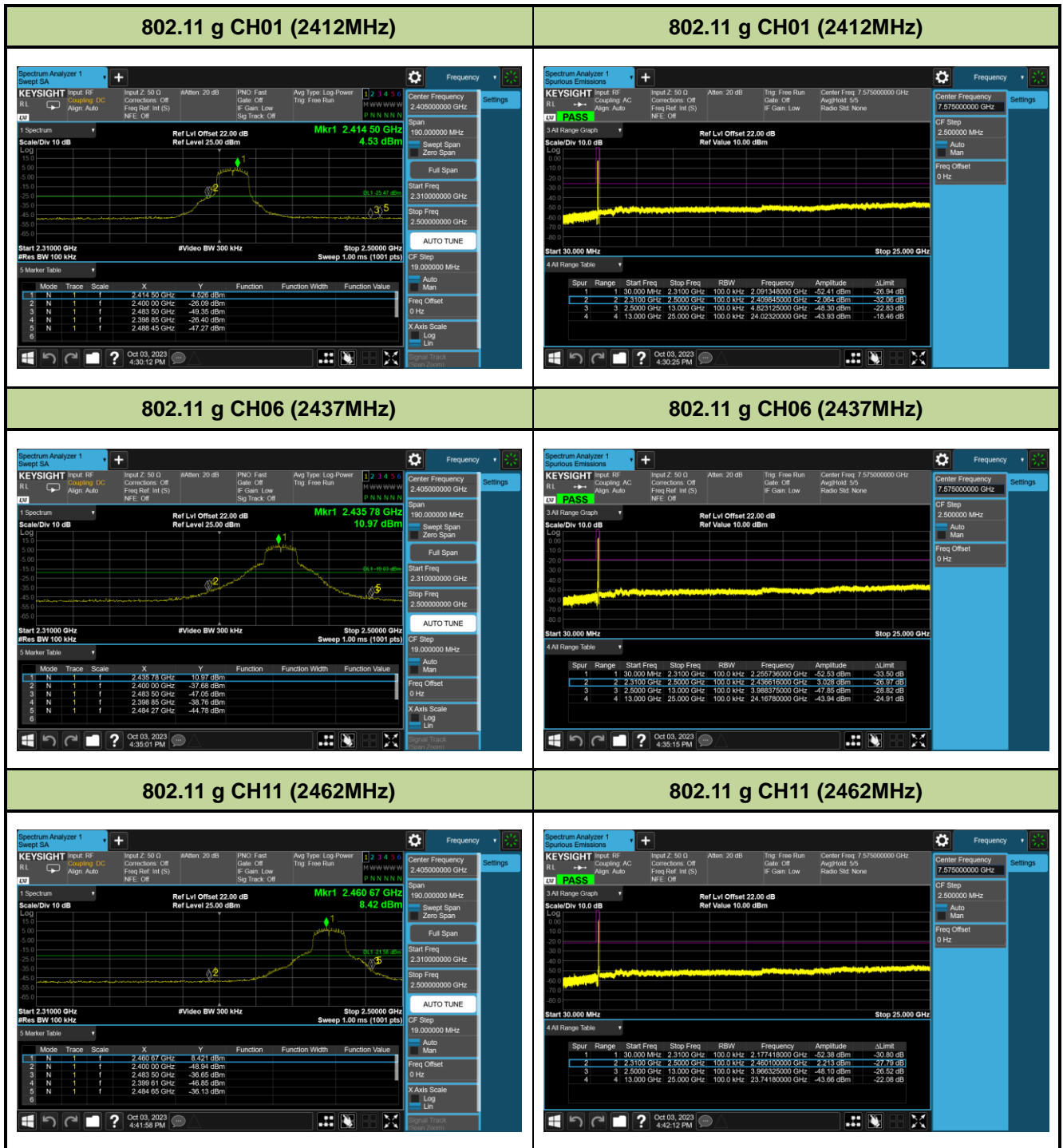


802.11 b CH11 (2462MHz)



802.11 b CH11 (2462MHz)



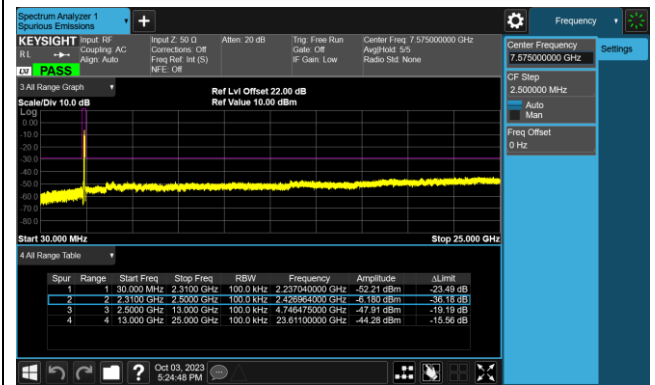




802.11 n40 CH03 (2422MHz)



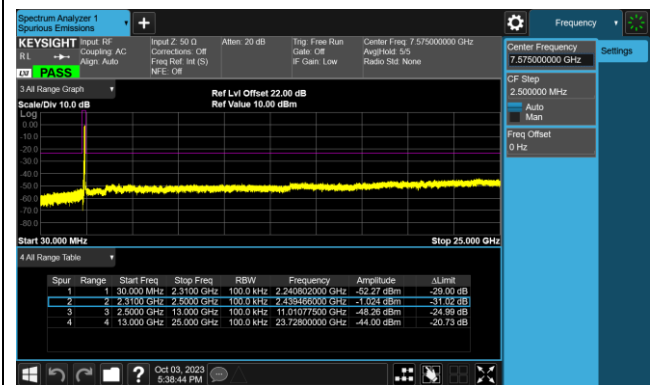
802.11 n40 CH03 (2422MHz)



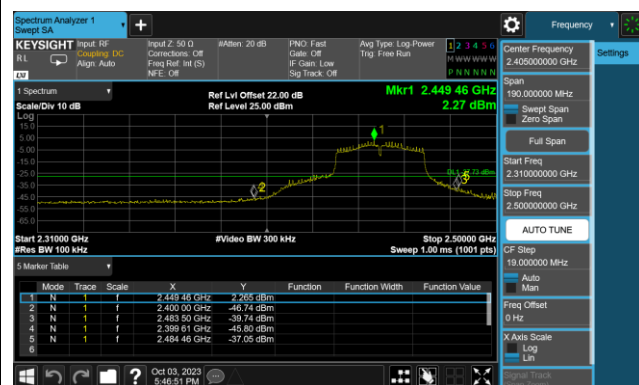
802.11 n40 CH06 (2437MHz)



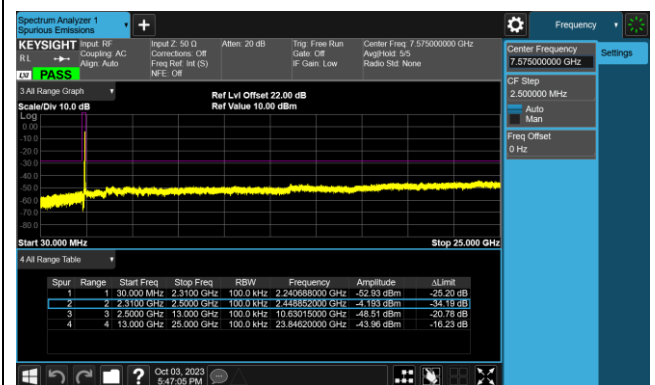
802.11 n40 CH06 (2437MHz)



802.11 n40 CH09 (2452MHz)

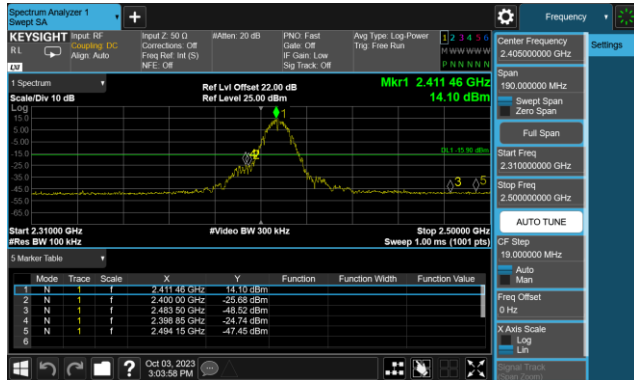


802.11 n40 CH09 (2452MHz)

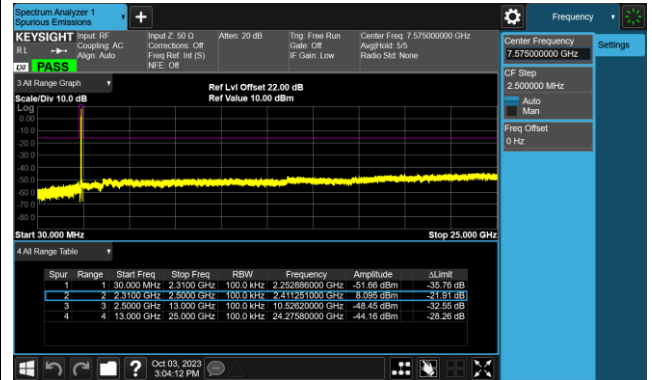


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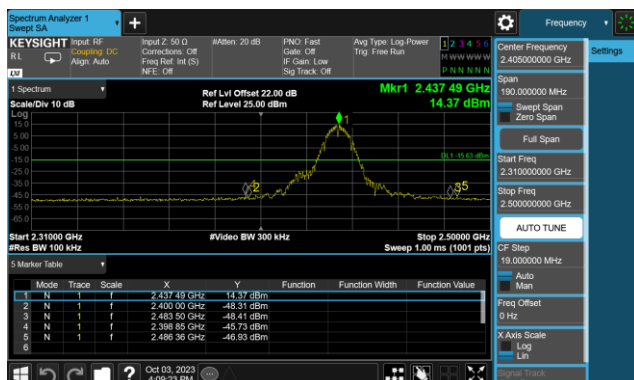
802.11 b CH01 (2412MHz)



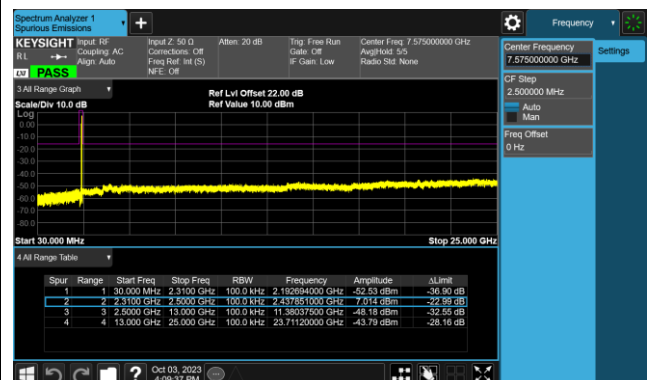
802.11 b CH01 (2412MHz)



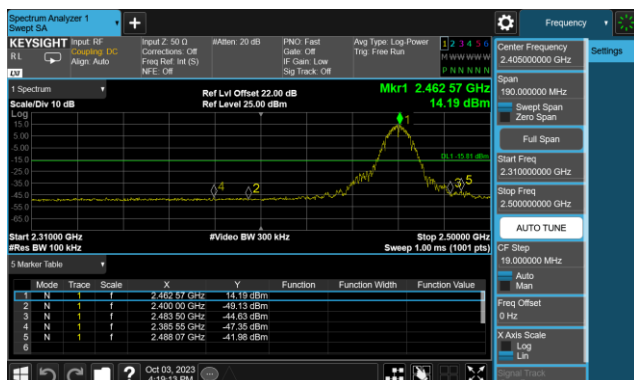
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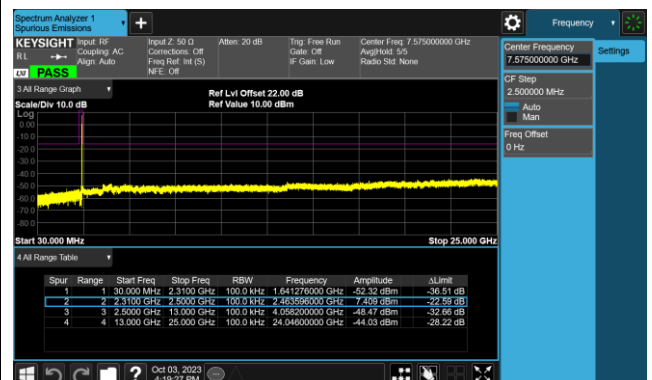
802.11 b CH06 (2437MHz)

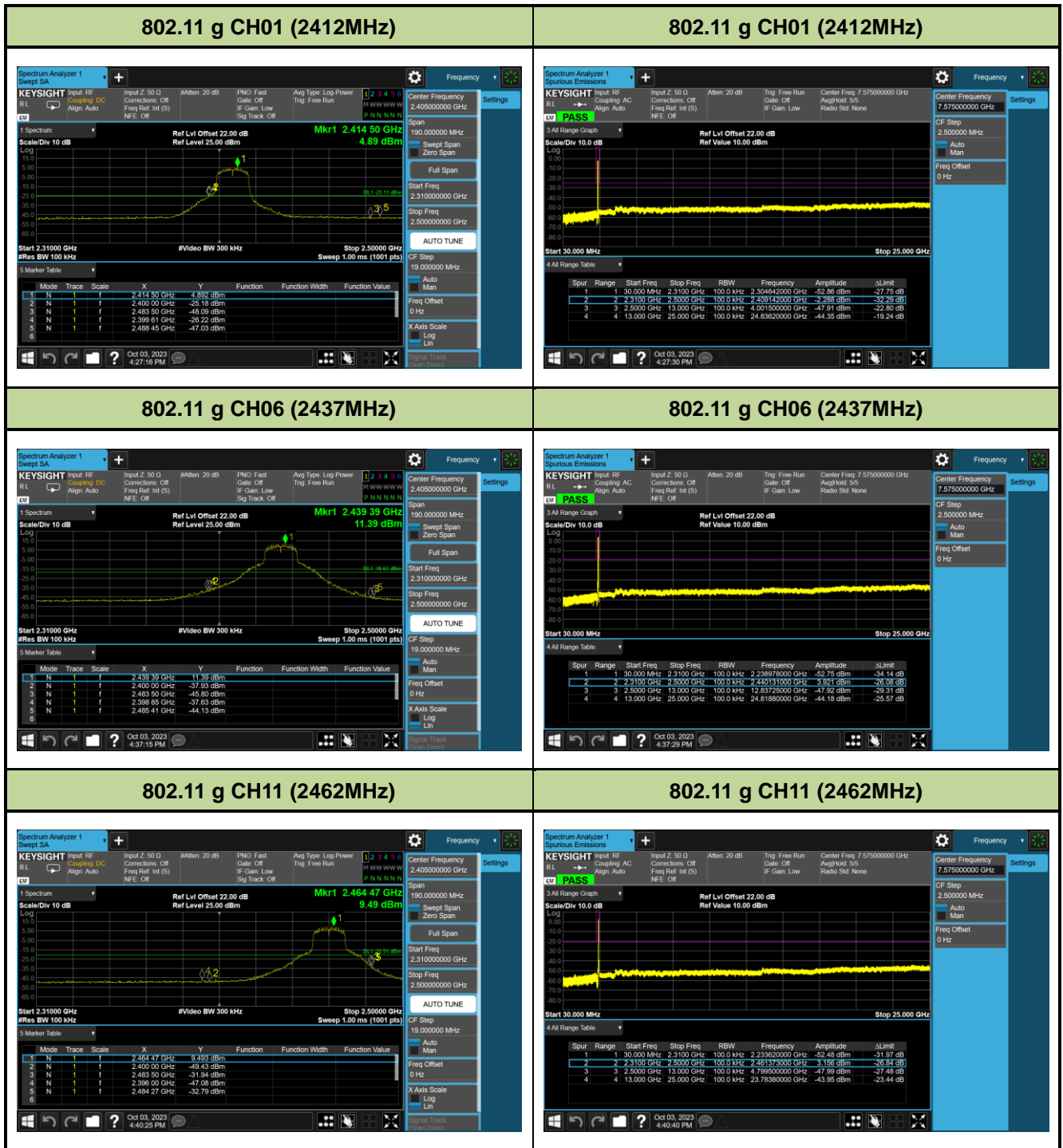


802.11 b CH11 (2462MHz)

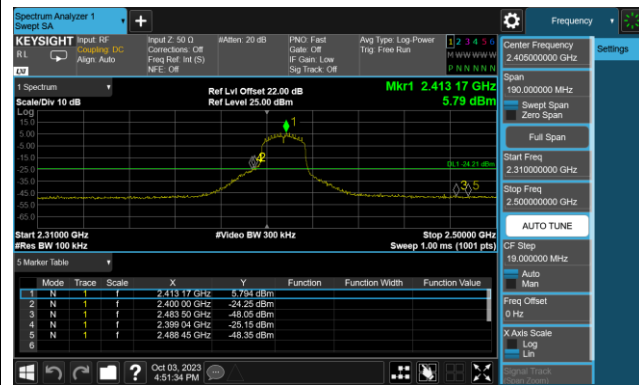


802.11 b CH11 (2462MHz)

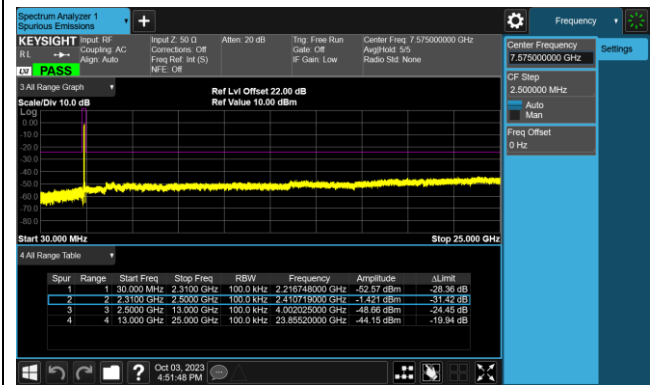




802.11 n20 CH01 (2412MHz)



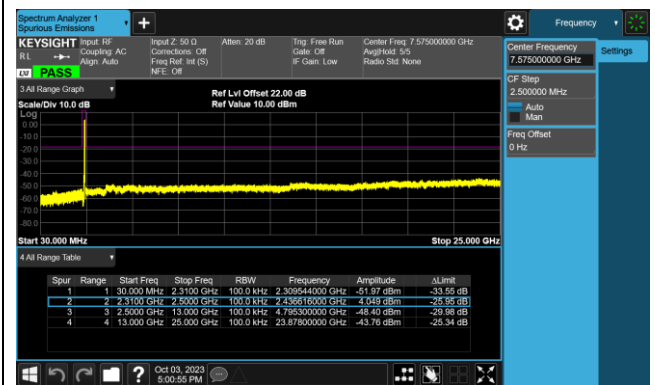
802.11 n20 CH01 (2412MHz)



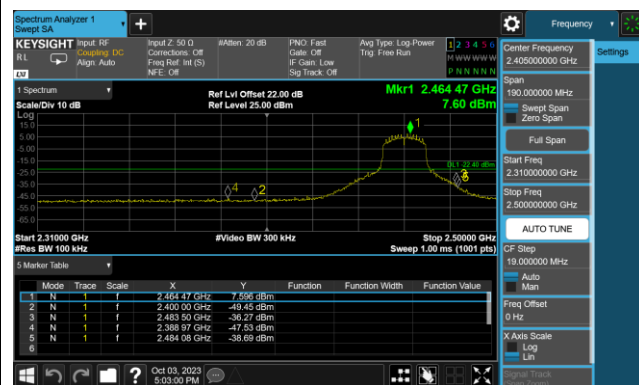
802.11 n20 CH06 (2437MHz)



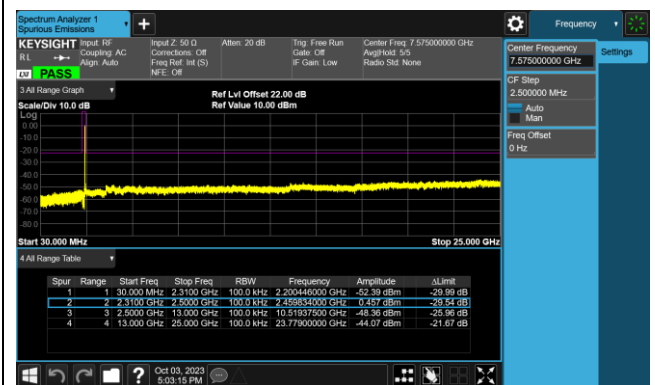
802.11 n20 CH06 (2437MHz)



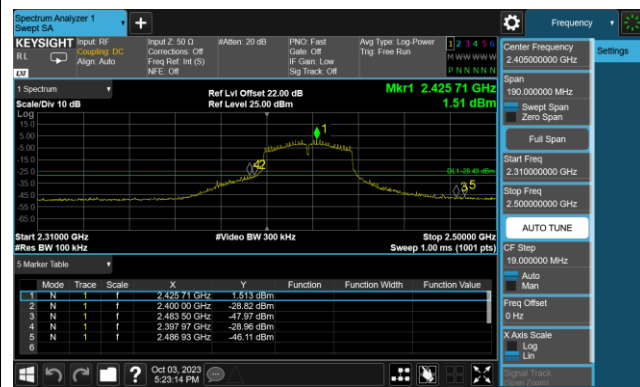
802.11 n20 CH11 (2462MHz)



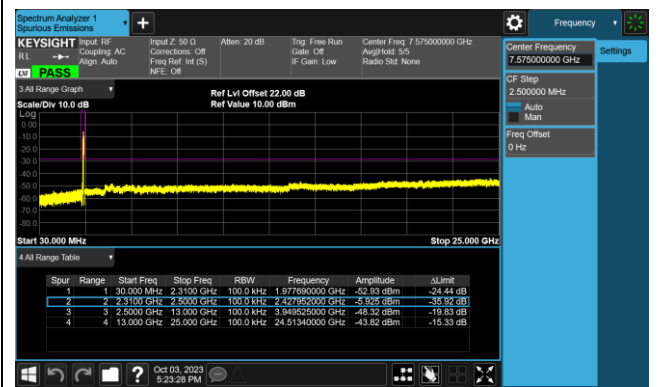
802.11 n20 CH11 (2462MHz)



802.11 n40 CH03 (2422MHz)



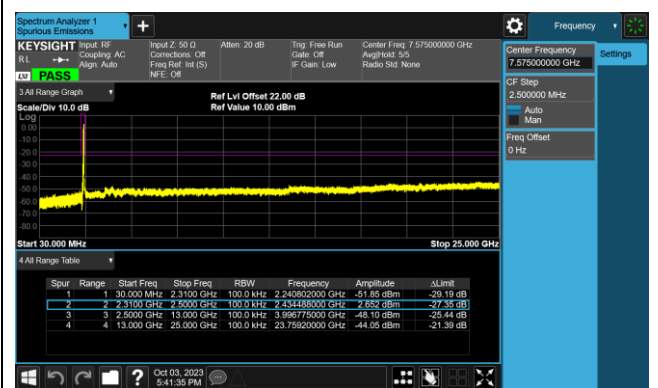
802.11 n40 CH03 (2422MHz)



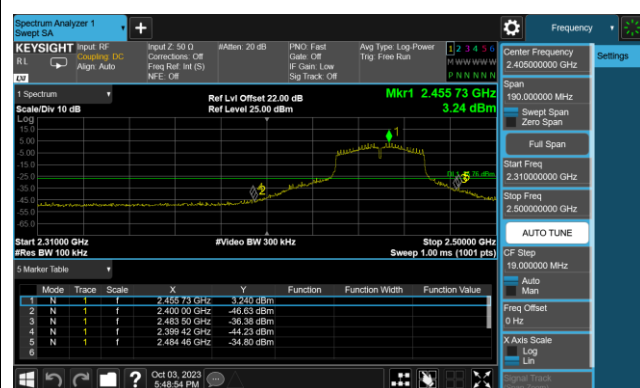
802.11 n40 CH06 (2437MHz)



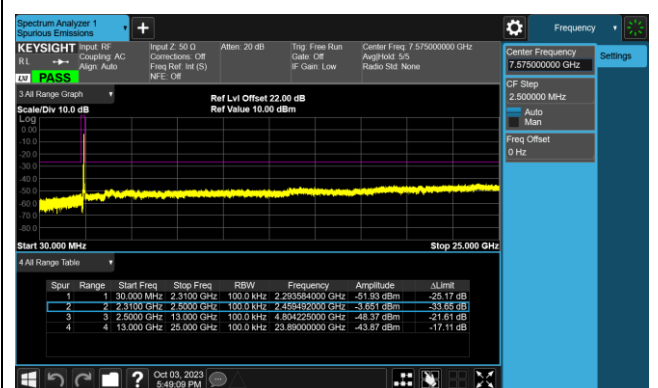
802.11 n40 CH06 (2437MHz)



802.11 n40 CH09 (2452MHz)



802.11 n40 CH09 (2452MHz)



7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

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		
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

7.6.2. Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10-2013 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

7.6.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

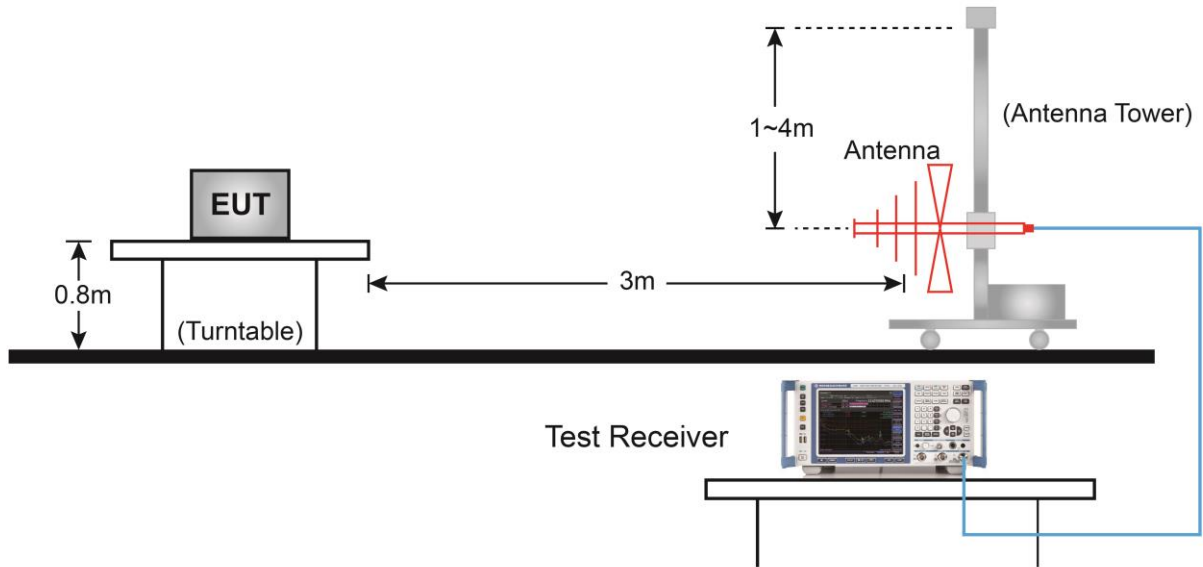
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

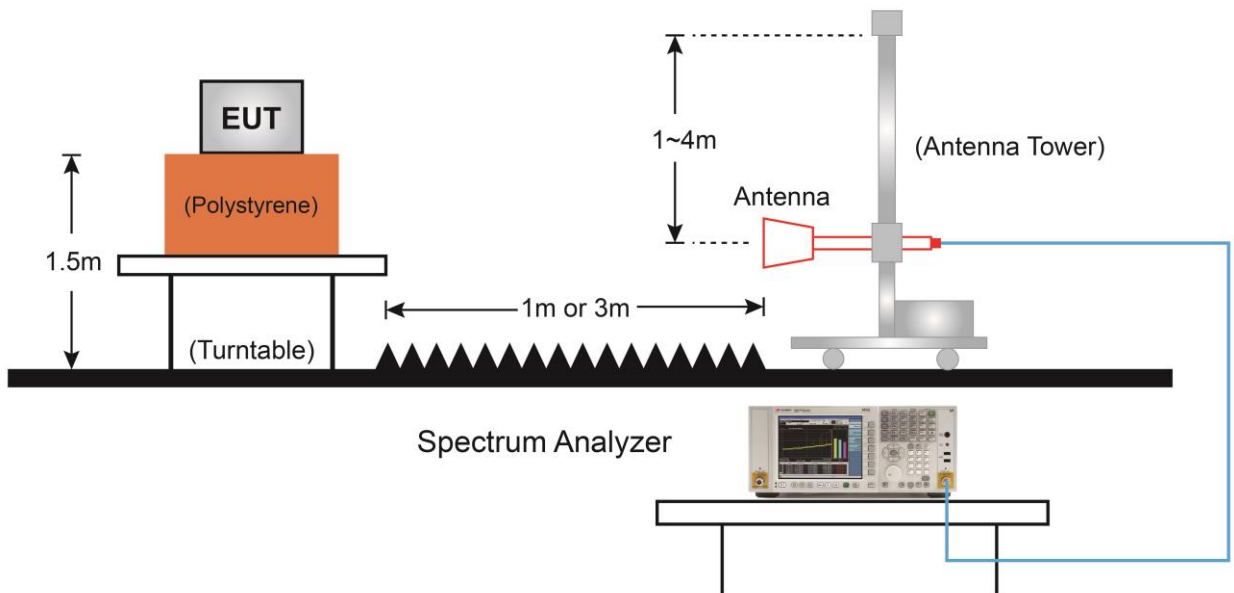
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.6.4. Test Setup

Below 1GHz Test Setup:

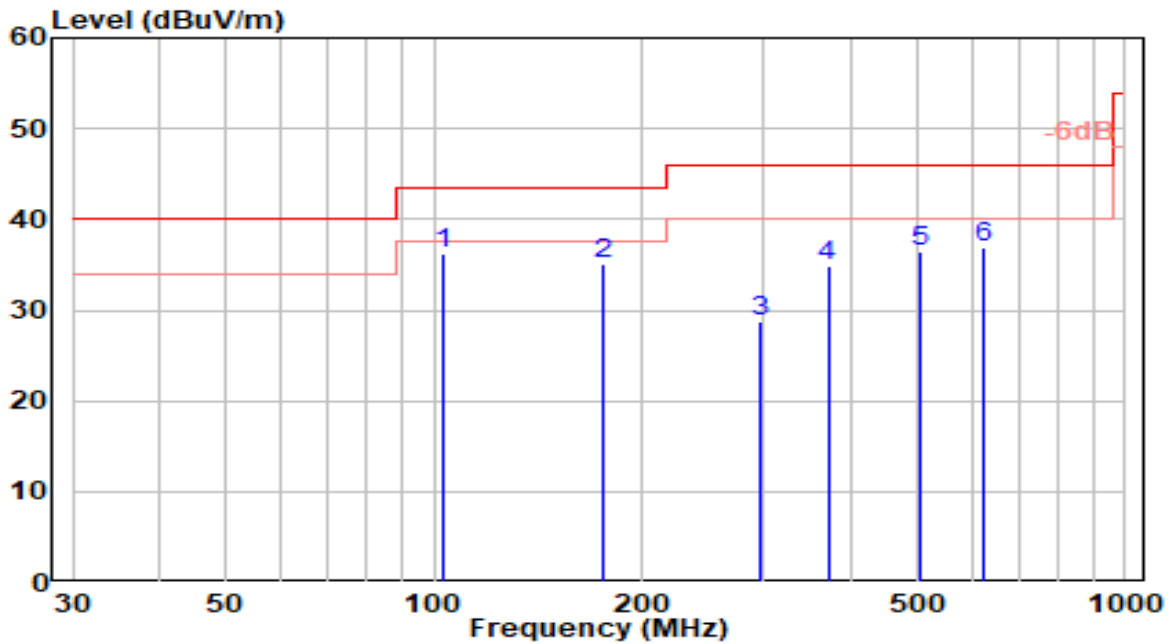


Above 1GHz Test Setup:



7.6.5. Test Result

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-09-26
Factor	VULB 9162	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

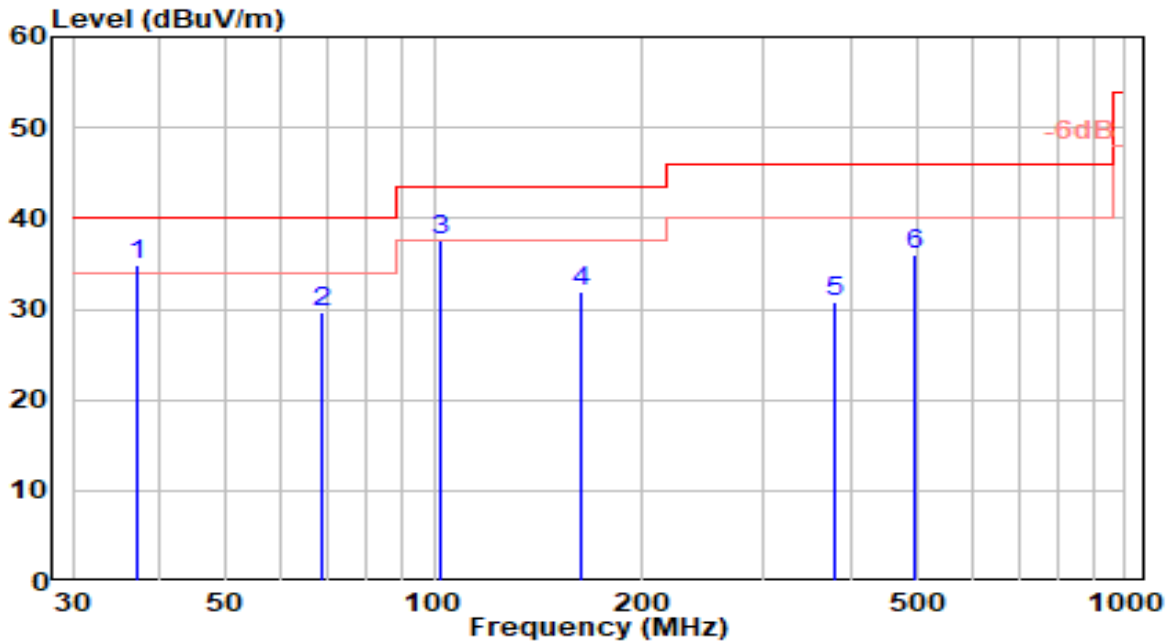


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	103.220	18.31	36.24	-7.26	43.50	150	331	QP
2		176.310	16.08	35.12	-8.38	43.50	200	134	QP
3		296.040	20.43	28.87	-17.13	46.00	150	165	QP
4		371.400	22.65	34.84	-11.16	46.00	200	143	QP
5		505.050	24.97	36.49	-9.51	46.00	100	4	QP
6		622.900	26.92	36.85	-9.15	46.00	200	77	QP

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-09-26
Factor	VULB 9162	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

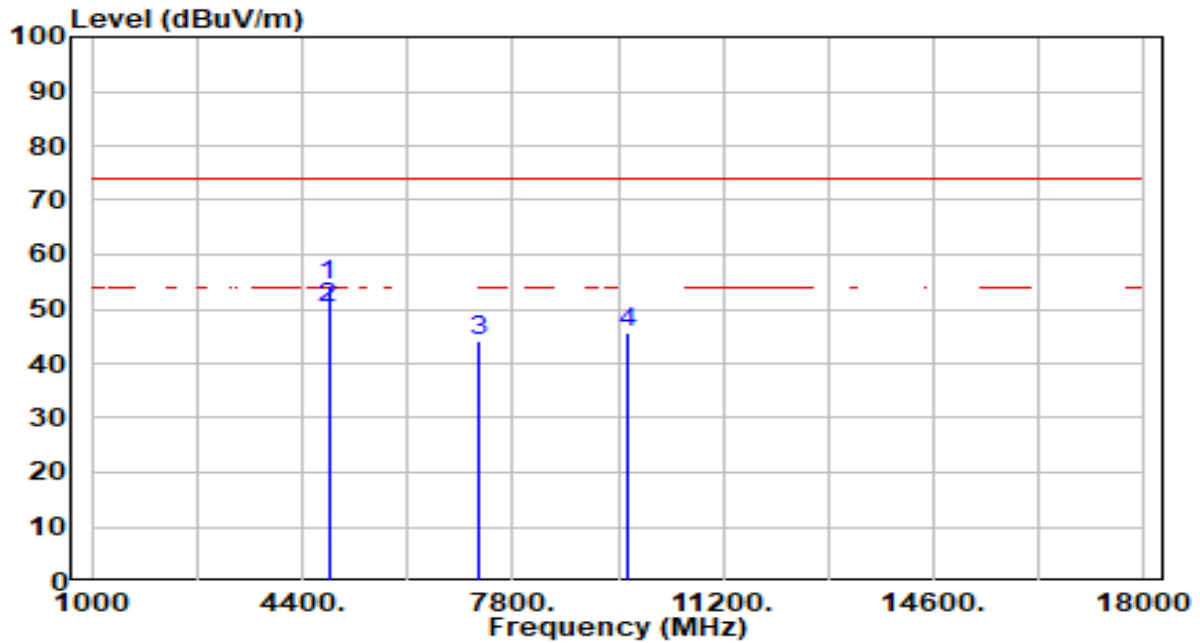


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	37.260	18.34	34.77	-5.23	40.00	150	218	QP
2		68.640	16.02	29.63	-10.37	40.00	200	28	QP
3		102.040	18.35	37.47	-6.03	43.50	200	38	QP
4		162.850	15.56	31.90	-11.60	43.50	150	65	QP
5		379.920	22.78	30.88	-15.12	46.00	200	274	QP
6		497.770	24.85	36.09	-9.91	46.00	100	98	QP

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

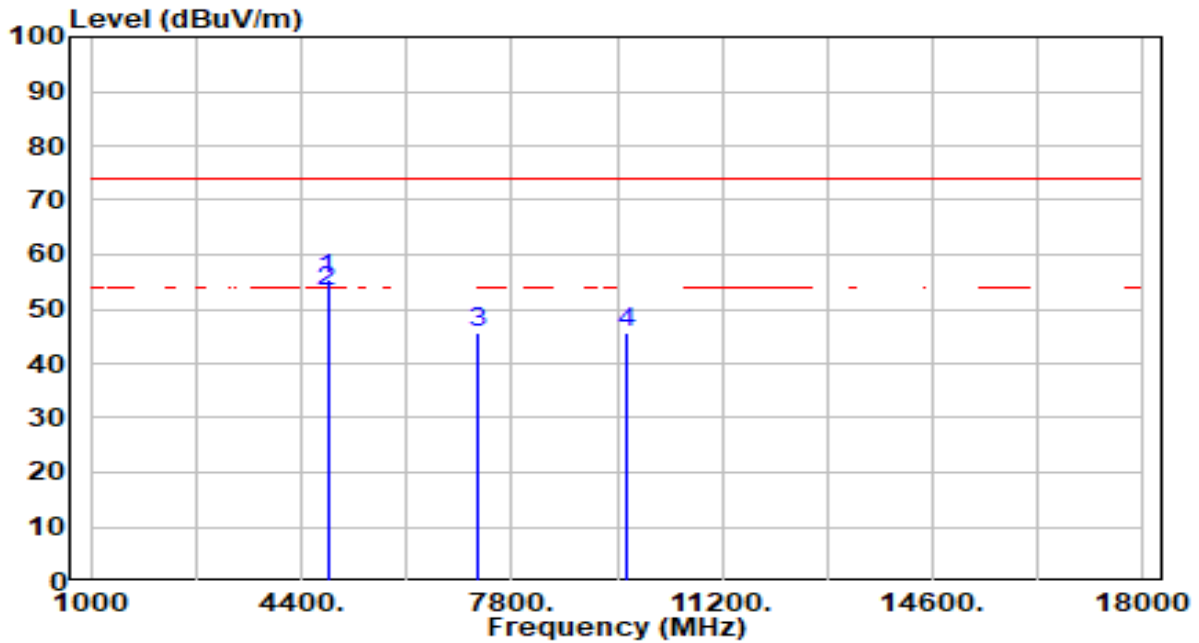


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	55.46	-1.10	54.37	-19.63	74.00	269	0	Peak
2	* 4824.000	51.13	-1.10	50.03	-3.97	54.00	269	0	Average
3	7236.000	40.18	3.90	44.08	-29.92	74.00	200	55	Peak
4	9648.000	42.37	3.21	45.59	-28.41	74.00	200	0	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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

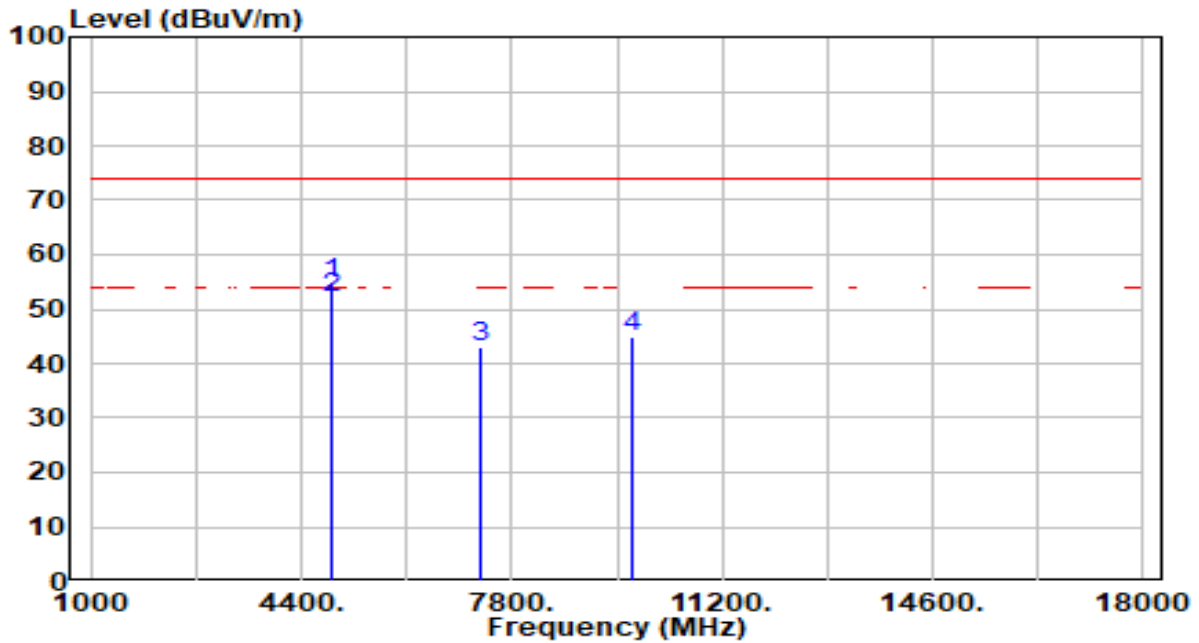


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	56.70	-1.10	55.60	-18.40	74.00	300	172	Peak
2	* 4824.000	54.12	-1.10	53.02	-0.98	54.00	300	172	Average
3	7236.000	41.87	3.90	45.77	-28.23	74.00	300	232	Peak
4	9648.000	42.35	3.21	45.57	-28.43	74.00	300	206	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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

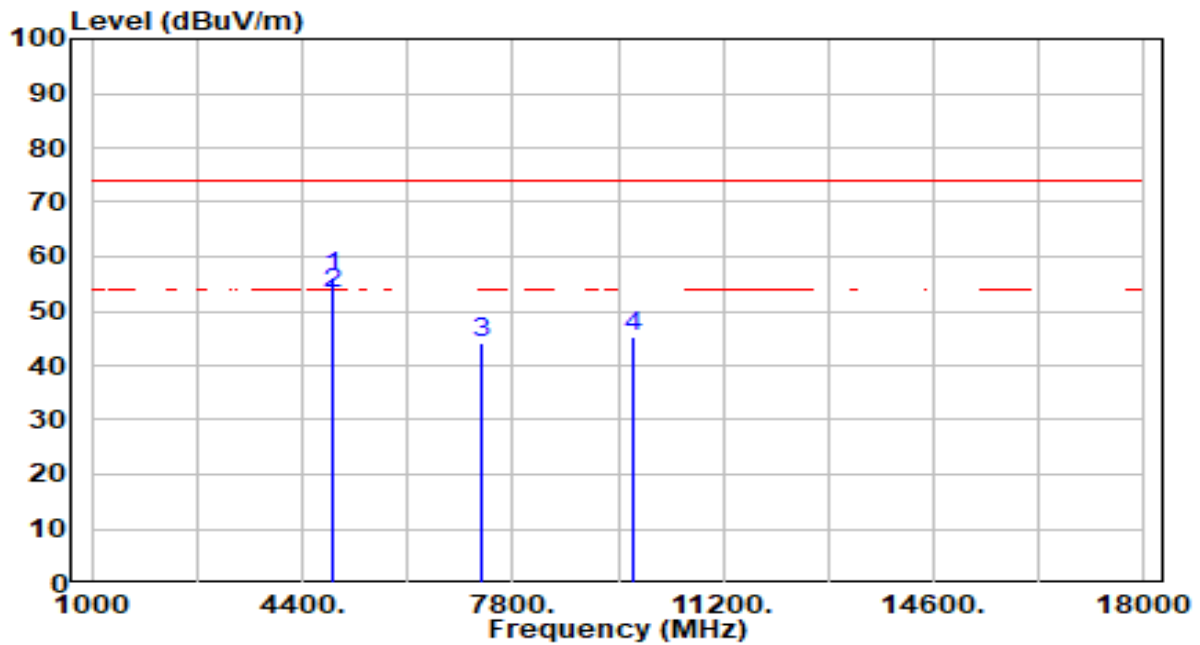


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	55.64	-0.97	54.67	-19.33	74.00	300	0	Peak
2	* 4874.000	53.01	-0.97	52.04	-1.96	54.00	300	0	Average
3	7311.000	39.26	3.92	43.18	-30.82	74.00	300	140	Peak
4	9748.000	41.79	3.24	45.03	-28.97	74.00	300	120	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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

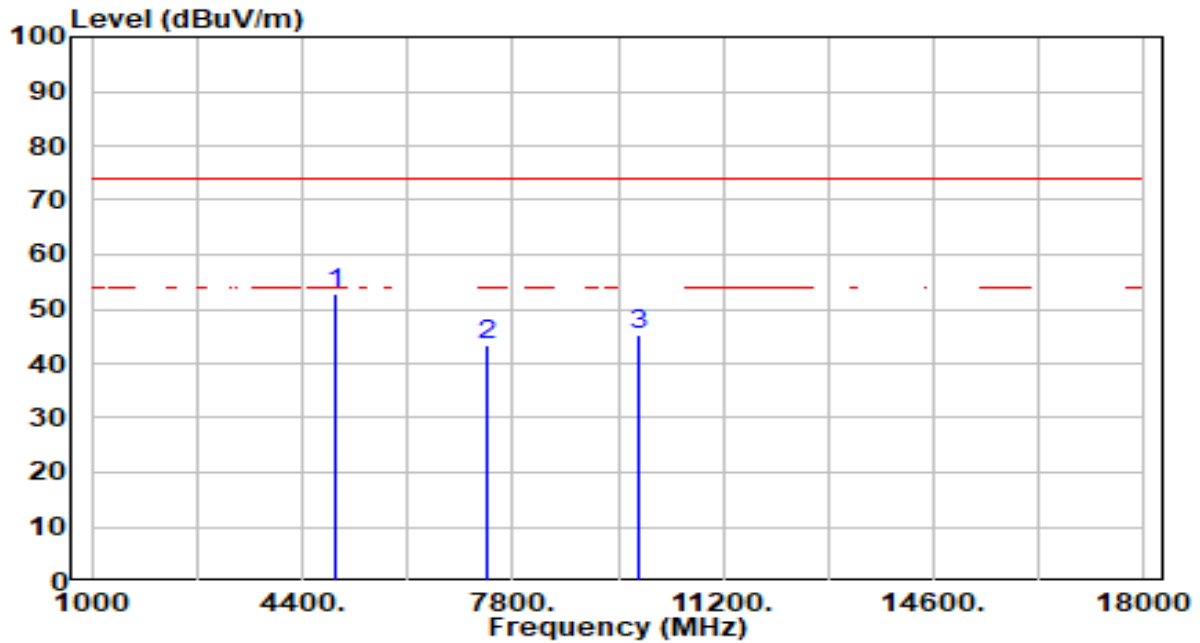


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	4874.000	57.14	-0.97	56.17	-17.83	74.00	300	174	Peak
2	*	4874.000	54.16	-0.97	53.19	-0.81	54.00	300	174	Average
3		7311.000	40.11	3.92	44.03	-29.97	74.00	300	317	Peak
4		9748.000	42.09	3.24	45.33	-28.67	74.00	300	199	Peak

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

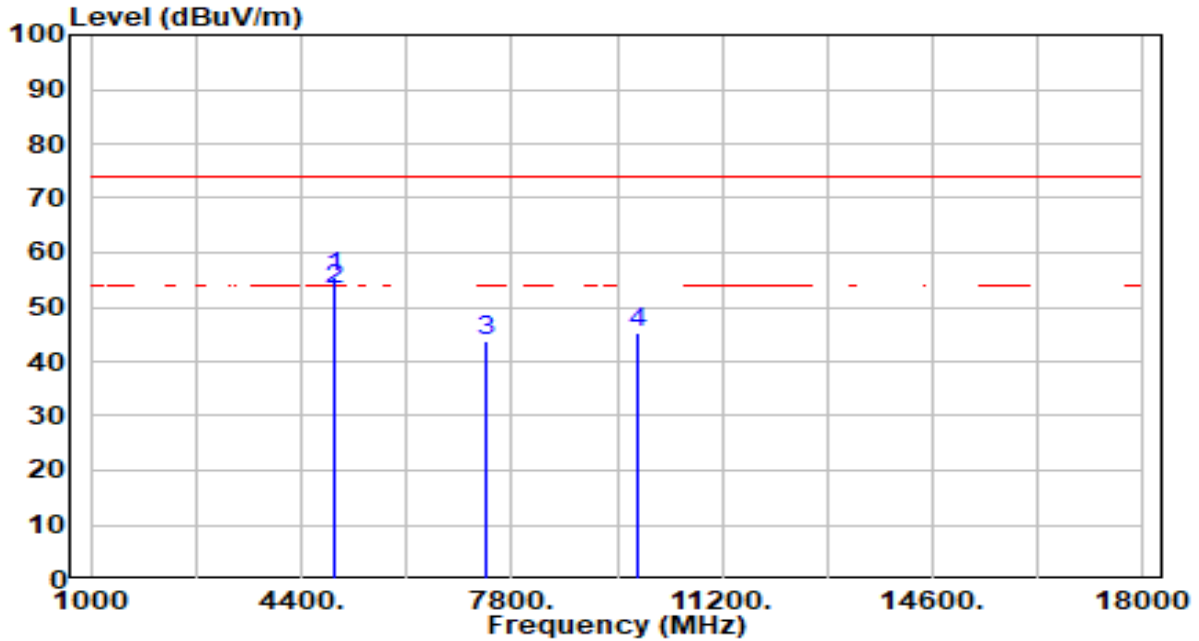


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	53.72	-0.84	52.88	-21.12	74.00	300	360	Peak
2		39.52	3.93	43.46	-30.54	74.00	300	0	Peak
3		42.07	3.27	45.34	-28.66	74.00	300	360	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

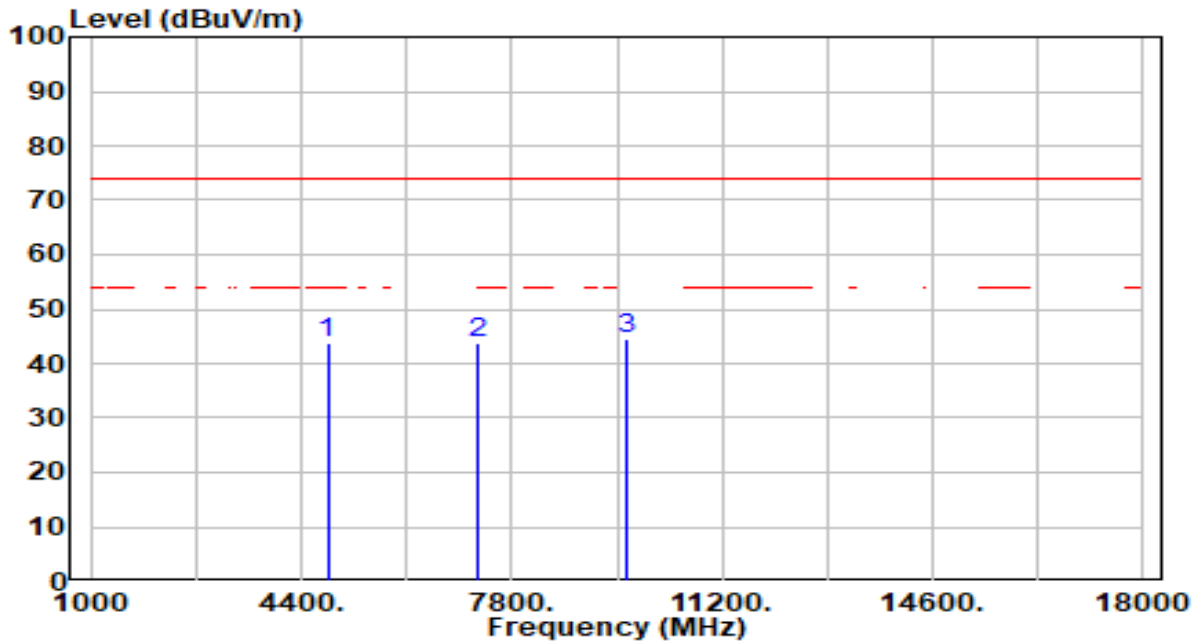


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	56.31	-0.84	55.47	-18.53	74.00	300	169	Peak
2	* 4924.000	53.87	-0.84	53.03	-0.97	54.00	300	169	Average
3	7386.000	40.02	3.93	43.96	-30.04	74.00	300	38	Peak
4	9848.000	42.15	3.27	45.42	-28.58	74.00	300	52	Peak

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

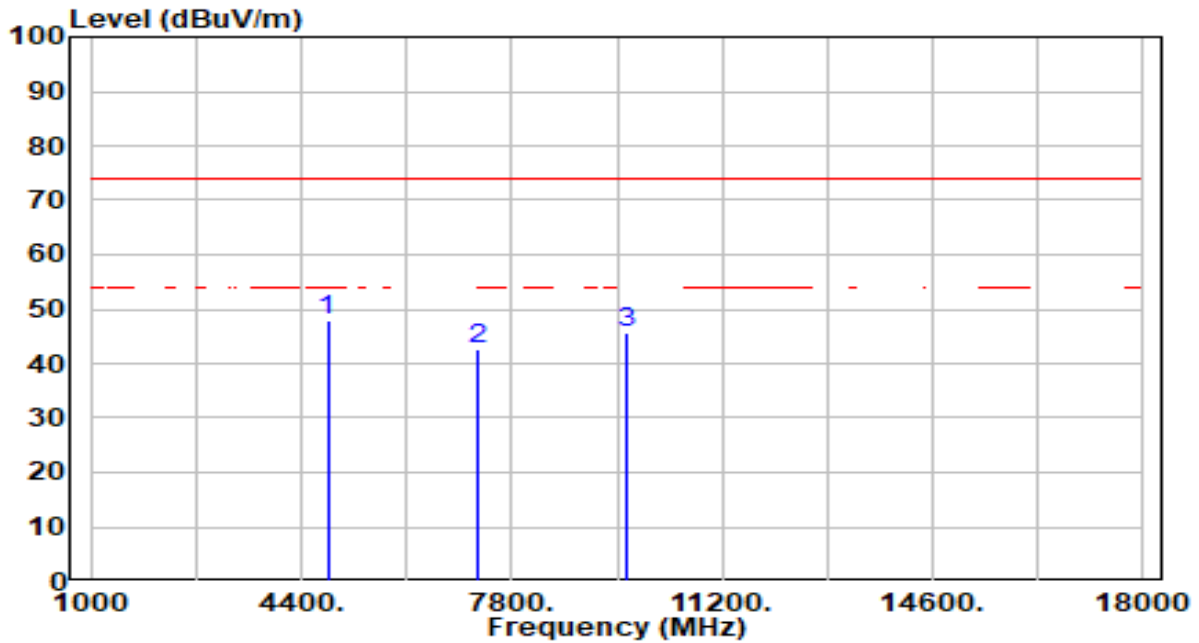


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	44.90	-1.10	43.80	-30.20	74.00	300	360	Peak
2	7236.000	39.81	3.90	43.71	-30.29	74.00	300	142	Peak
3	* 9648.000	41.21	3.21	44.42	-29.58	74.00	300	360	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

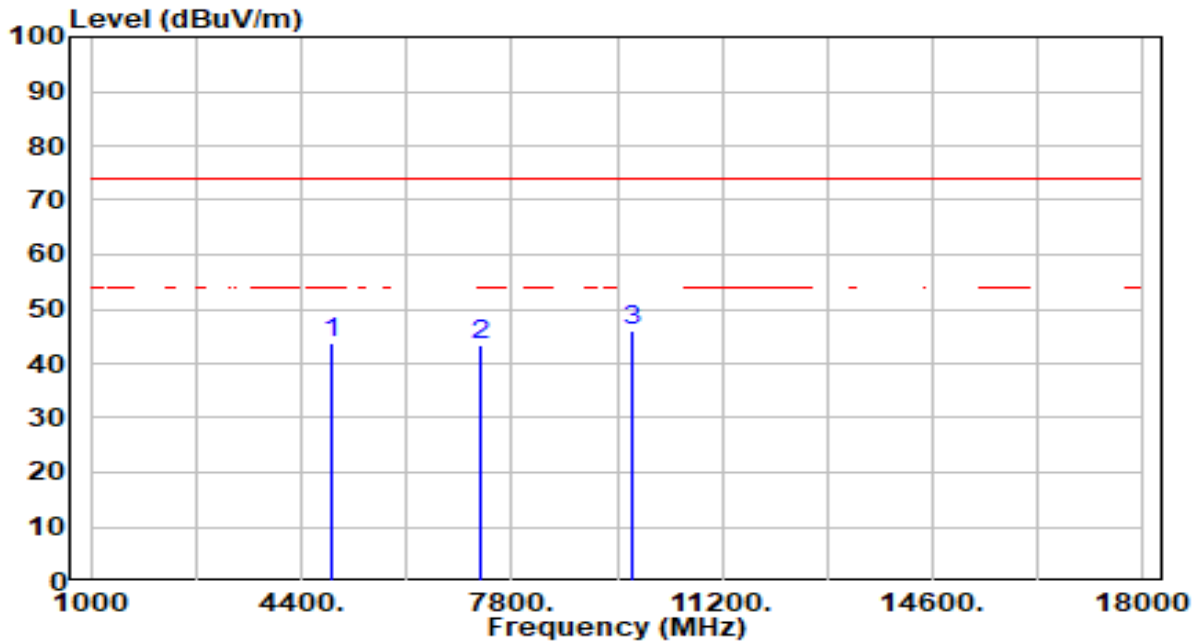


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	48.84	-1.10	47.74	-26.26	74.00	300	360	Peak
2		38.64	3.90	42.54	-31.46	74.00	300	298	Peak
3		42.41	3.21	45.63	-28.37	74.00	300	65	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

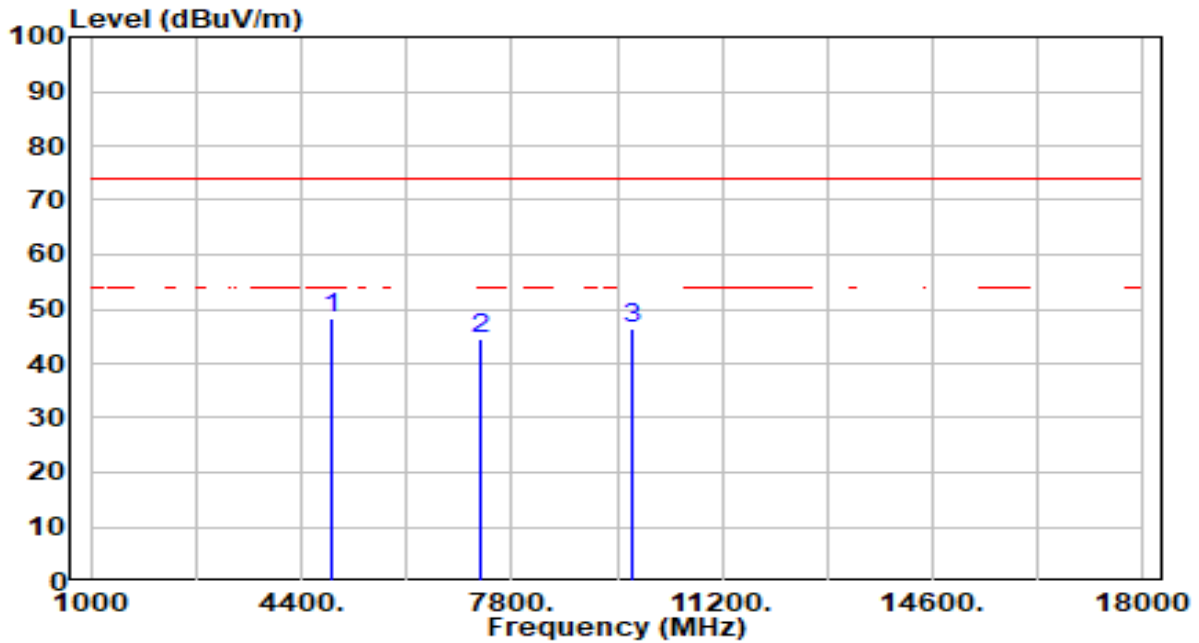


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	44.57	-0.97	43.60	-30.40	74.00	300	304	Peak
2	7311.000	39.39	3.92	43.30	-30.70	74.00	300	189	Peak
3	* 9748.000	42.78	3.24	46.02	-27.98	74.00	300	234	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

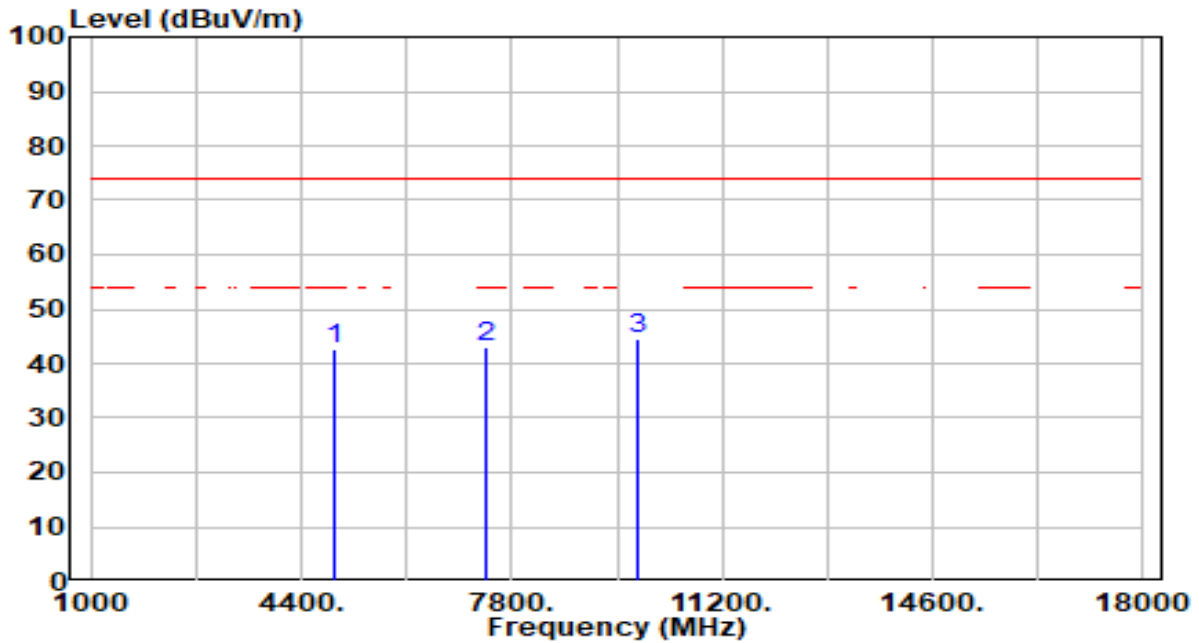


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	4874.000	49.35	-0.97	48.39	-25.61	74.00	300	173	Peak
2		7311.000	40.51	3.92	44.43	-29.57	74.00	300	235	Peak
3		9748.000	43.24	3.24	46.48	-27.52	74.00	300	85	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Pre-amplifier(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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

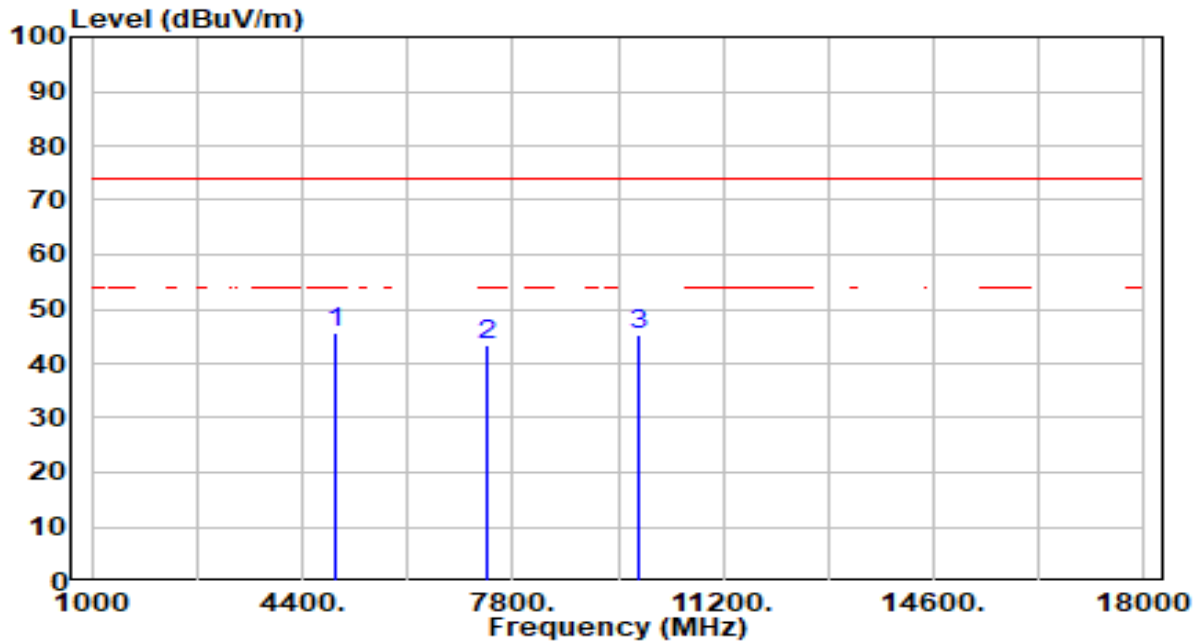


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	43.42	-0.84	42.58	-31.42	74.00	300	255	Peak
2	7386.000	39.12	3.93	43.05	-30.95	74.00	300	139	Peak
3	* 9848.000	41.43	3.27	44.70	-29.30	74.00	300	354	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

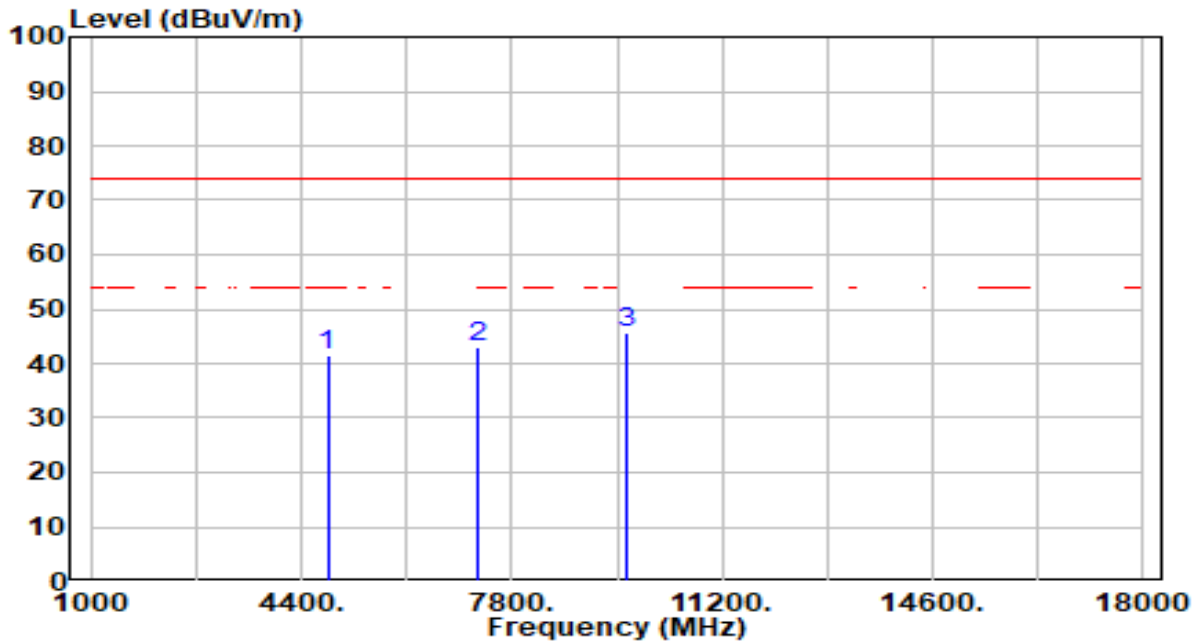


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	46.47	-0.84	45.63	-28.37	74.00	300	174	Peak
2		39.44	3.93	43.37	-30.63	74.00	300	83	Peak
3		42.03	3.27	45.30	-28.70	74.00	300	2	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

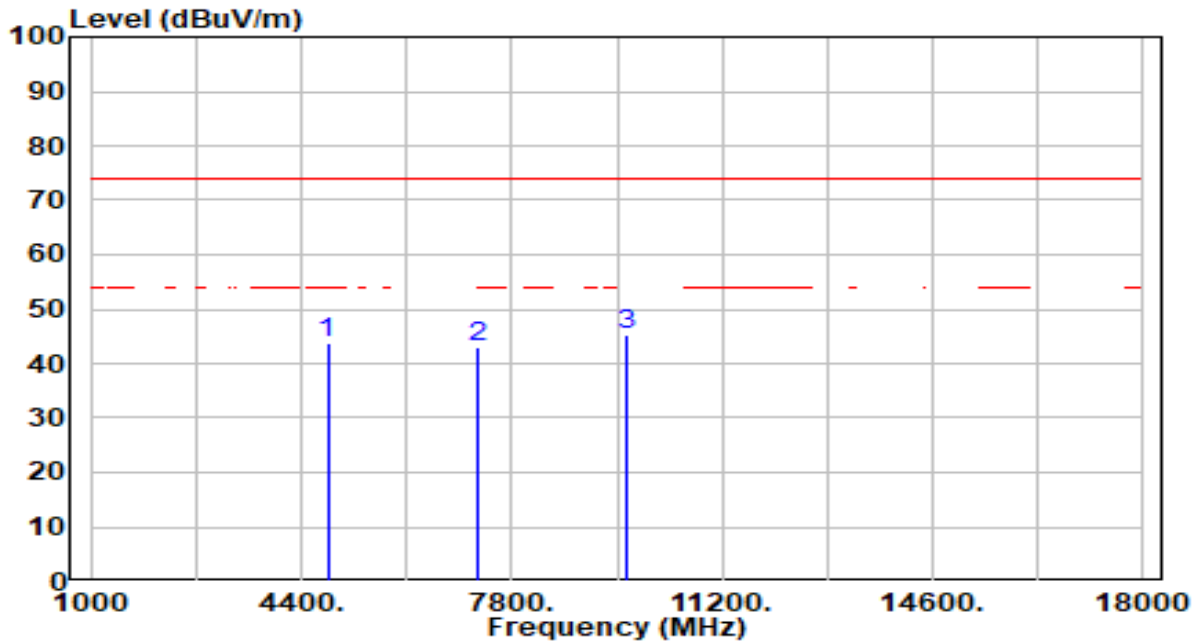


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	42.74	-1.10	41.64	-32.36	74.00	300	164	Peak
2	7236.000	39.08	3.90	42.98	-31.02	74.00	300	70	Peak
3	* 9648.000	42.58	3.21	45.80	-28.20	74.00	300	96	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Pre-amplifier(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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

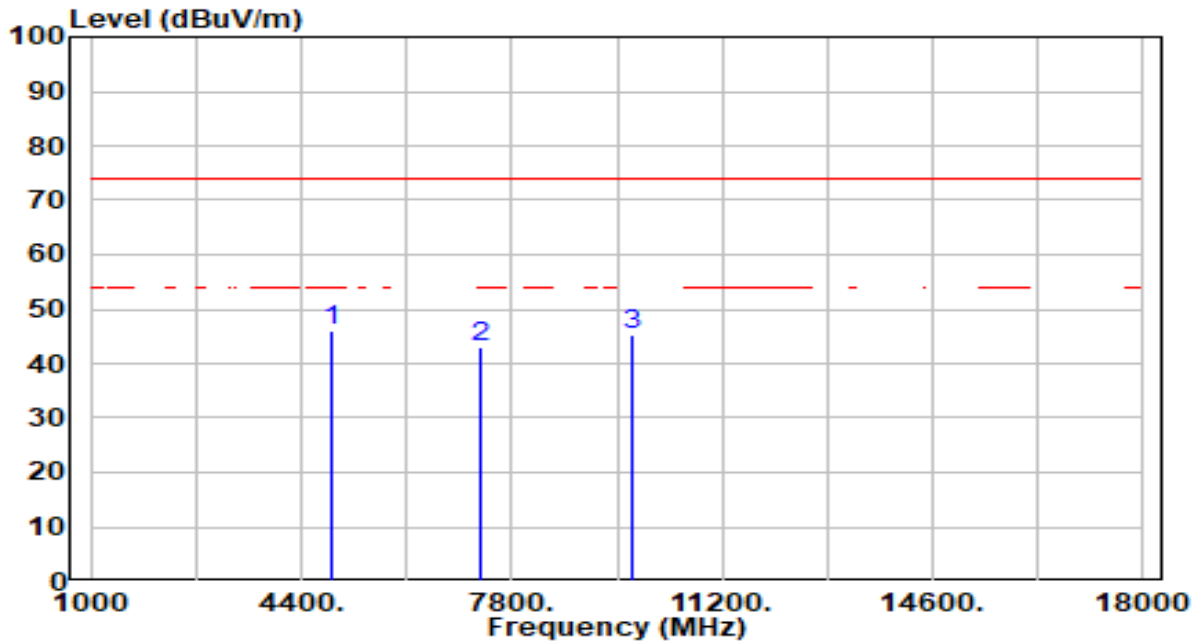


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	44.94	-1.10	43.84	-30.16	74.00	300	70	Peak
2	7236.000	39.12	3.90	43.02	-30.98	74.00	300	318	Peak
3	* 9648.000	41.92	3.21	45.14	-28.86	74.00	300	260	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

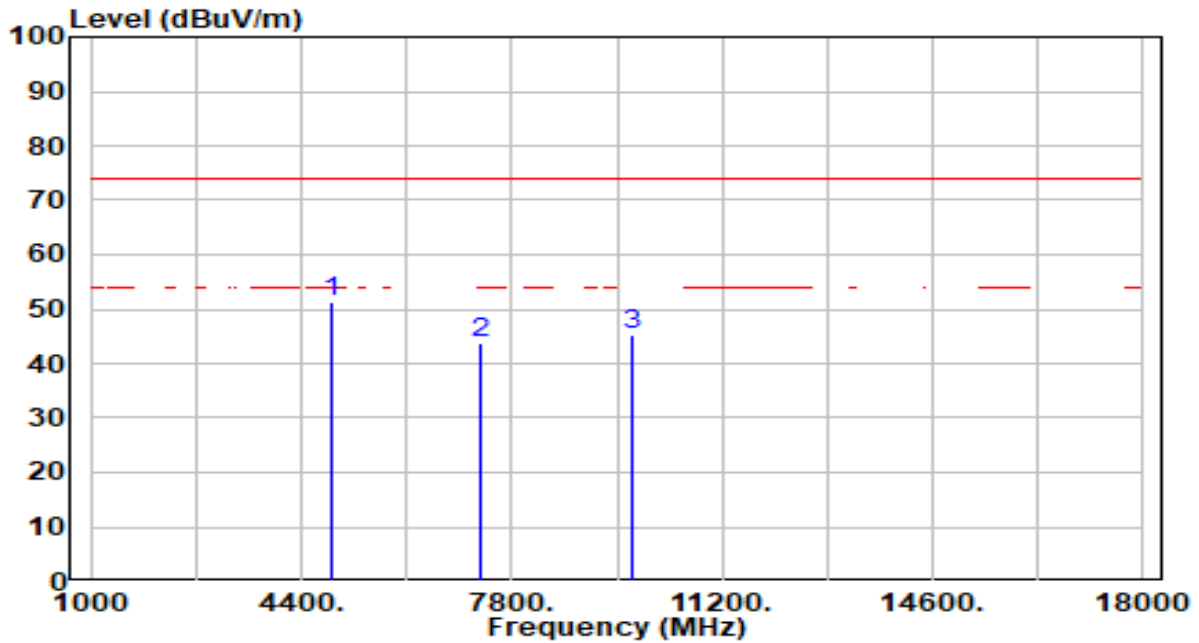


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	46.83	-0.97	45.86	-28.14	74.00	300	310	Peak
2		38.93	3.92	42.85	-31.15	74.00	300	101	Peak
3		42.17	3.24	45.42	-28.58	74.00	300	0	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

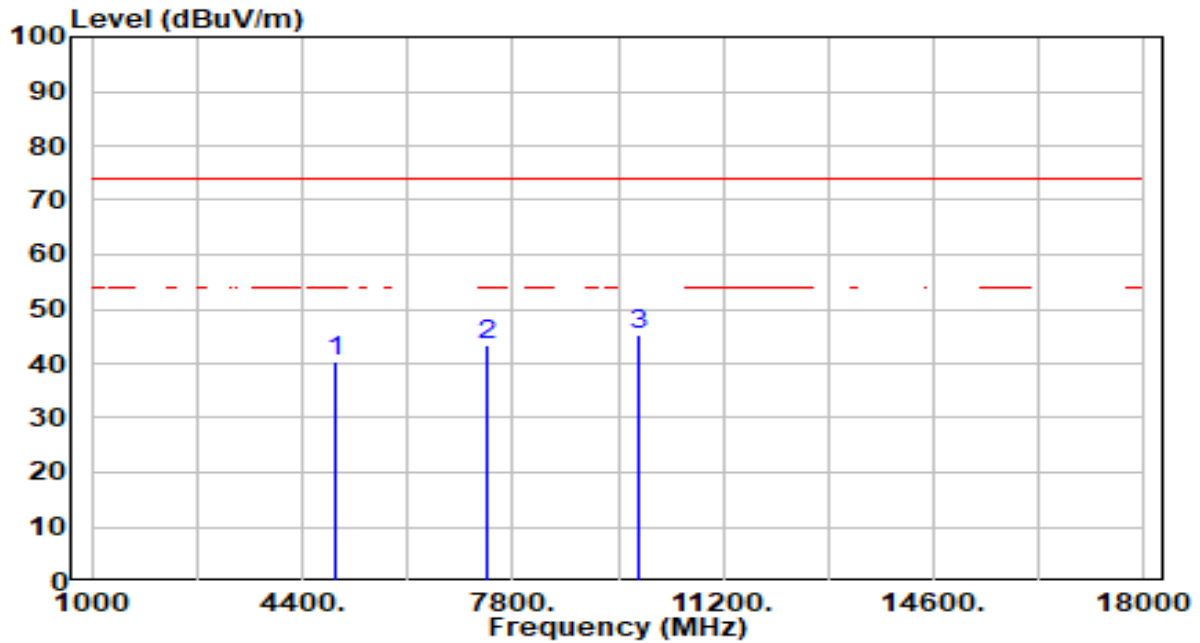


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	4874.000	52.28	-0.97	51.31	-22.69	74.00	300	181	Peak
2		7311.000	39.84	3.92	43.76	-30.24	74.00	300	234	Peak
3		9748.000	41.97	3.24	45.21	-28.79	74.00	300	66	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

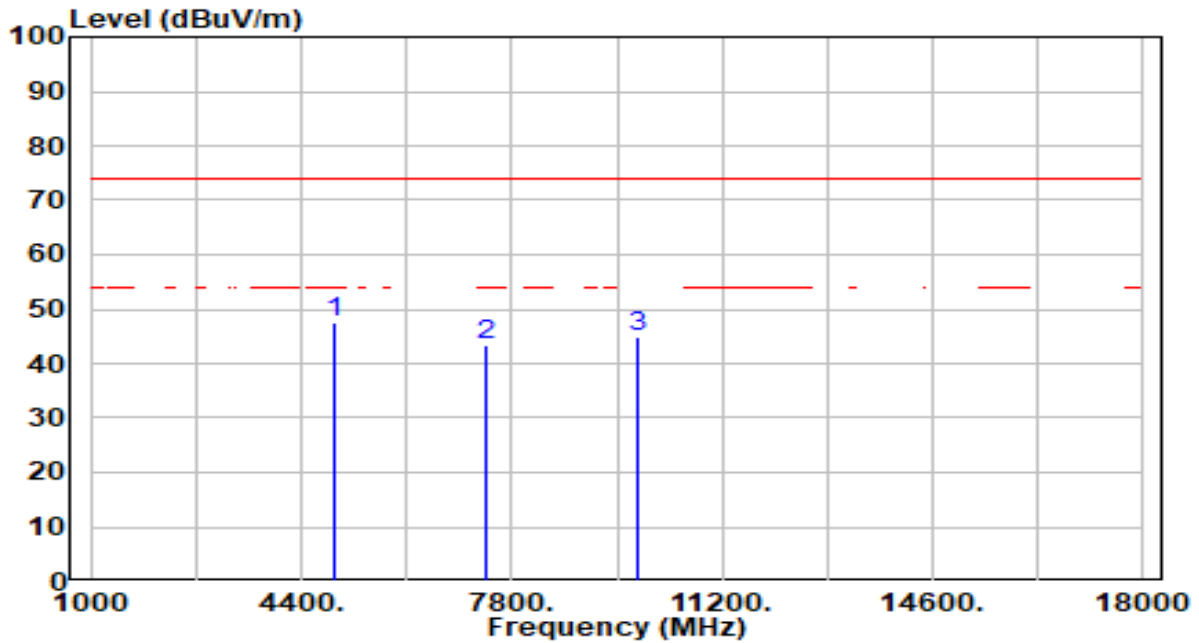


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	41.23	-0.84	40.39	-33.61	74.00	300	309	Peak
2	7386.000	39.33	3.93	43.27	-30.73	74.00	300	143	Peak
3	* 9848.000	42.03	3.27	45.30	-28.70	74.00	300	138	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

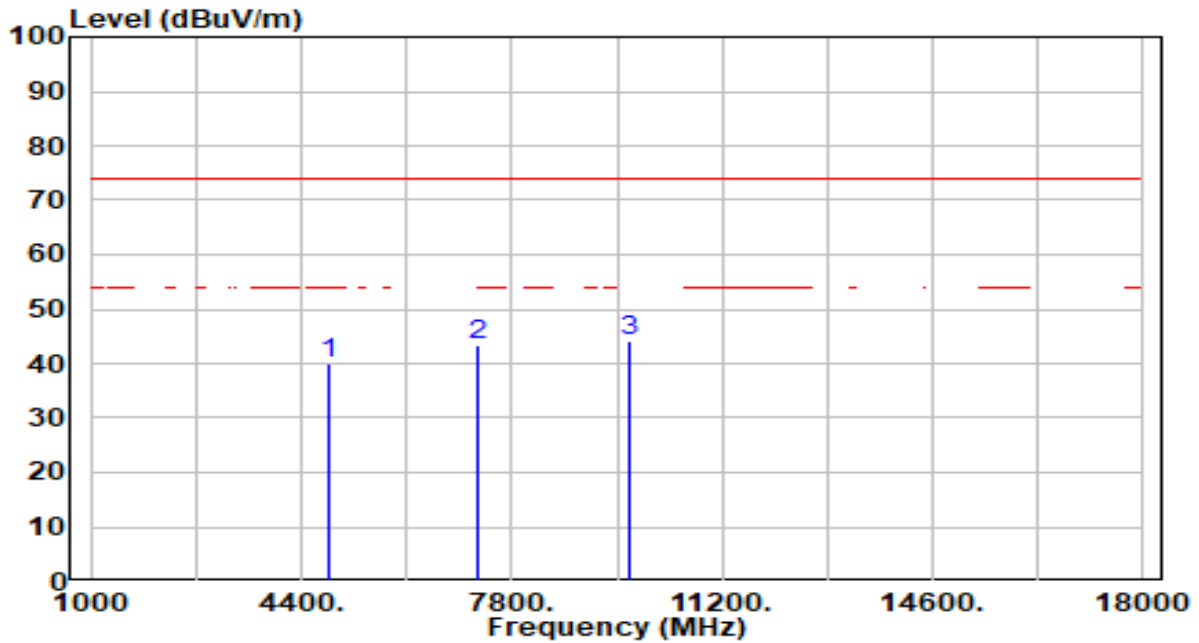


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	48.27	-0.84	47.43	-26.57	74.00	300	170	Peak
2		39.38	3.93	43.32	-30.68	74.00	300	25	Peak
3		41.74	3.27	45.01	-28.99	74.00	300	301	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Pre-amplifier(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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

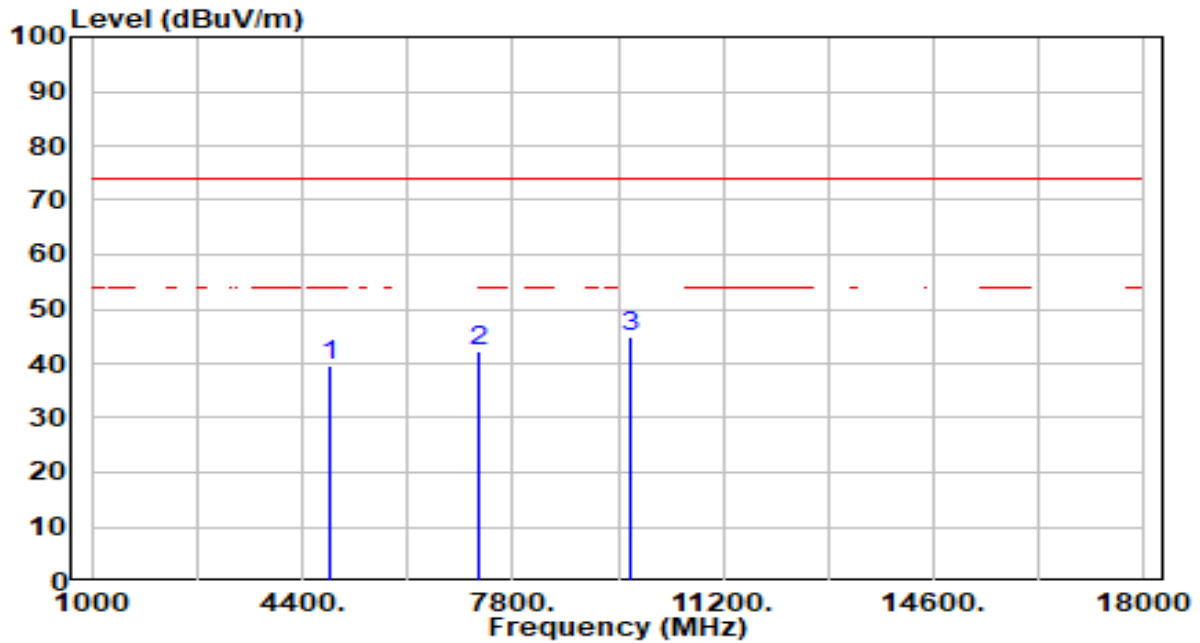


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	41.18	-1.05	40.13	-33.87	74.00	300	244	Peak
2	7266.000	39.34	3.91	43.25	-30.75	74.00	300	26	Peak
3	* 9688.000	41.06	3.23	44.29	-29.71	74.00	300	60	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

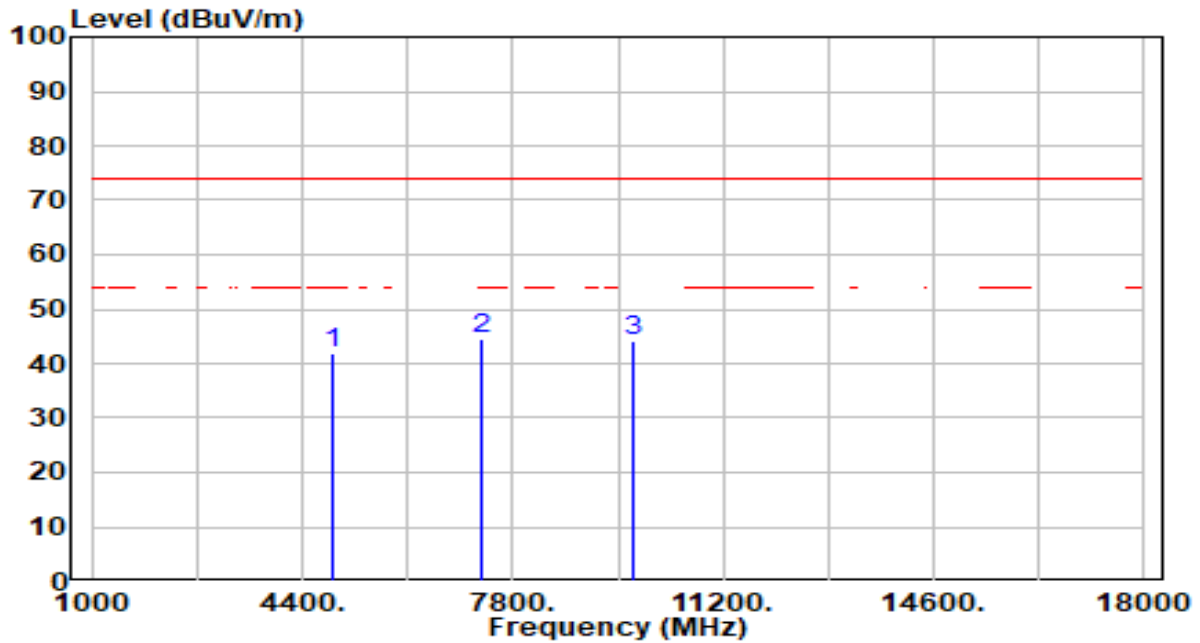


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	40.62	-1.05	39.58	-34.42	74.00	300	165	Peak
2	7266.000	38.51	3.91	42.41	-31.59	74.00	300	338	Peak
3	* 9688.000	41.61	3.23	44.83	-29.17	74.00	300	61	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

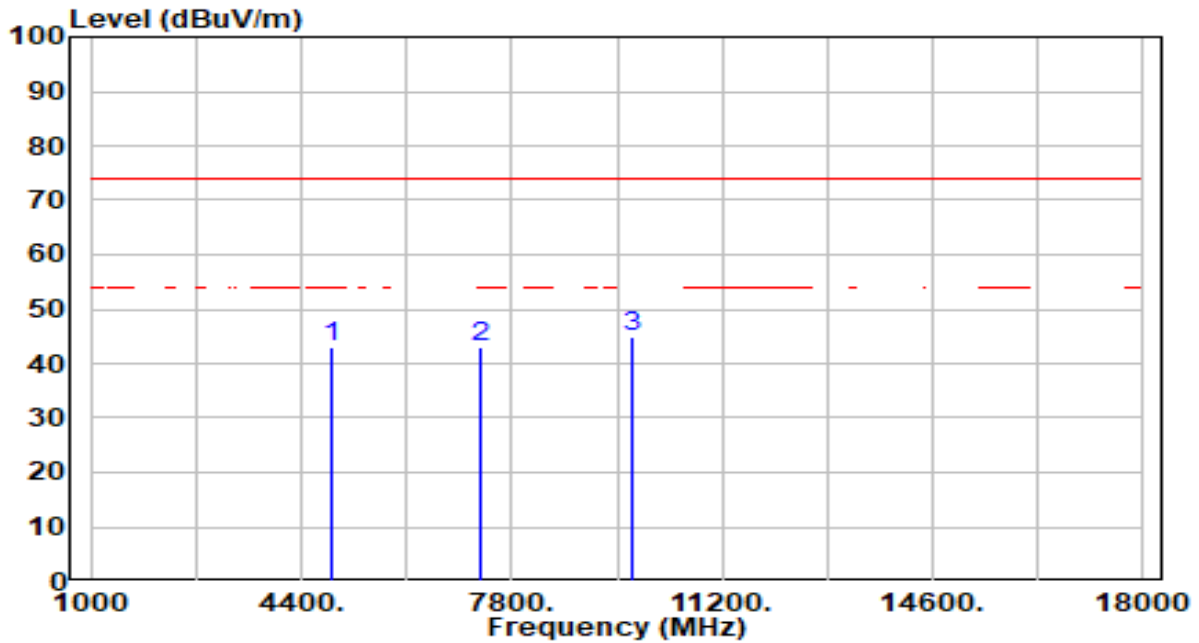


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	42.94	-0.97	41.97	-32.03	74.00	300	251	Peak
2	* 7311.000	40.59	3.92	44.51	-29.49	74.00	300	104	Peak
3	9748.000	41.01	3.24	44.26	-29.74	74.00	300	234	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

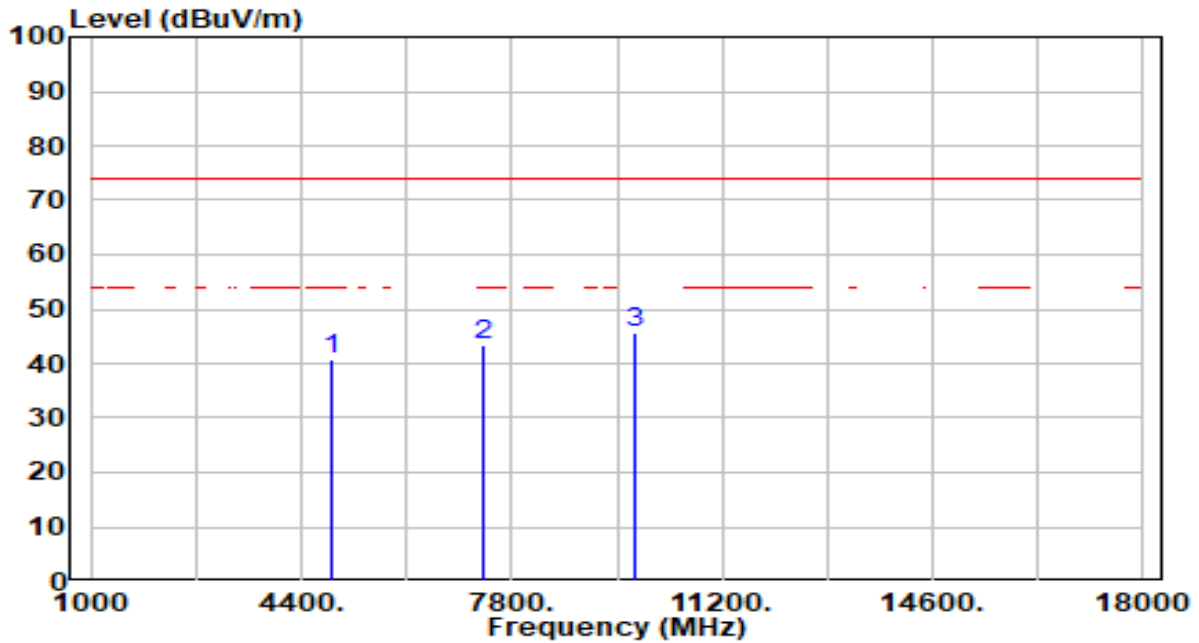


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	44.15	-0.97	43.18	-30.82	74.00	300	255	Peak
2	7311.000	39.06	3.92	42.98	-31.02	74.00	300	119	Peak
3	* 9748.000	41.63	3.24	44.88	-29.12	74.00	300	314	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	Test Voltage	AC 120V/60Hz

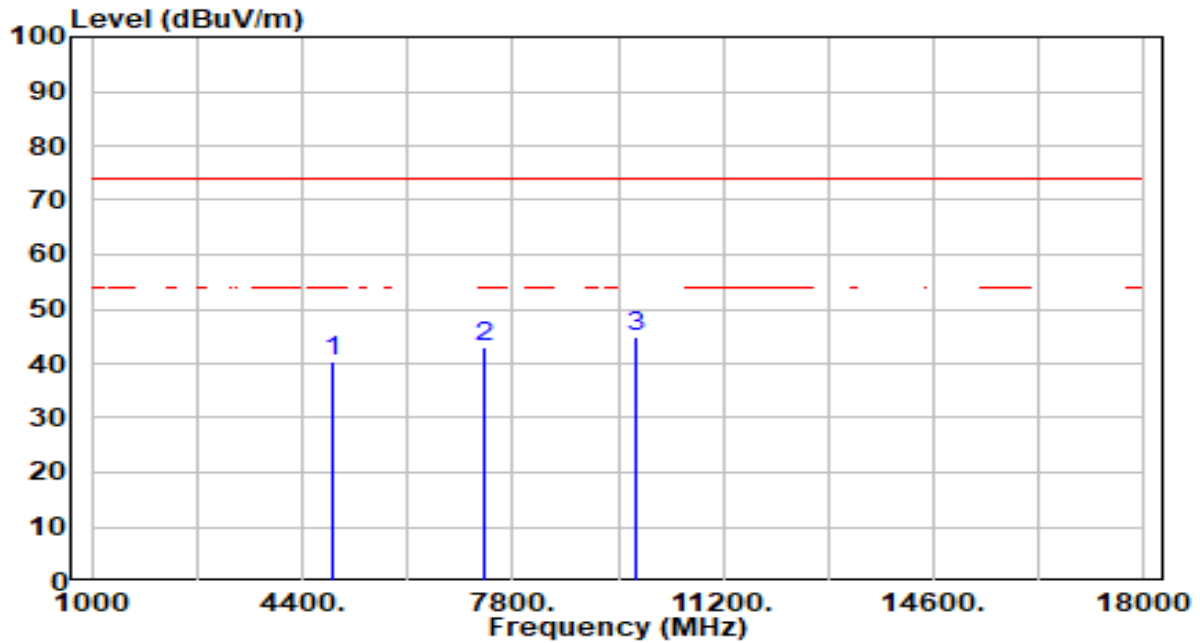


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4904.000	41.51	-0.89	40.62	-33.38	74.00	300	243	Peak
2	7356.000	39.36	3.93	43.29	-30.71	74.00	300	283	Peak
3	* 9808.000	42.51	3.26	45.76	-28.24	74.00	300	88	Peak

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.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	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	4904.000	41.30	-0.89	40.41	-33.59	74.00	300	174	Peak
2	7356.000	39.10	3.93	43.03	-30.97	74.00	300	283	Peak
3	* 9808.000	41.76	3.26	45.02	-28.98	74.00	300	183	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 (General Requirements)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

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

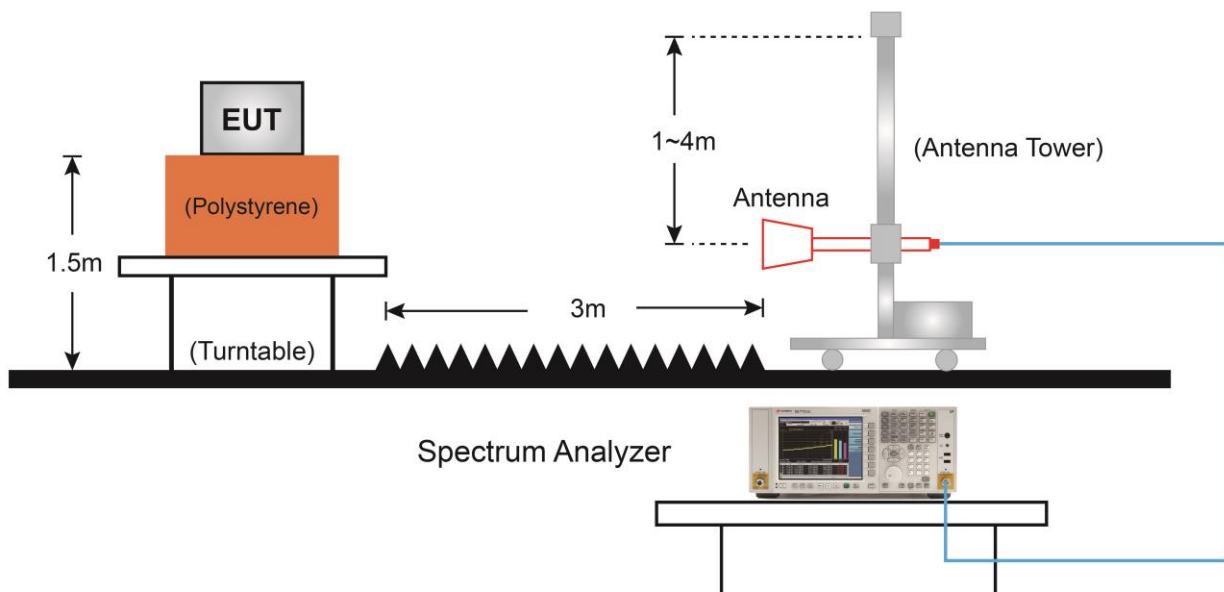
Average Measurements above 1GHz (Method VB)

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 $\geq 98\%$, set VBW = 10 Hz.

If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.

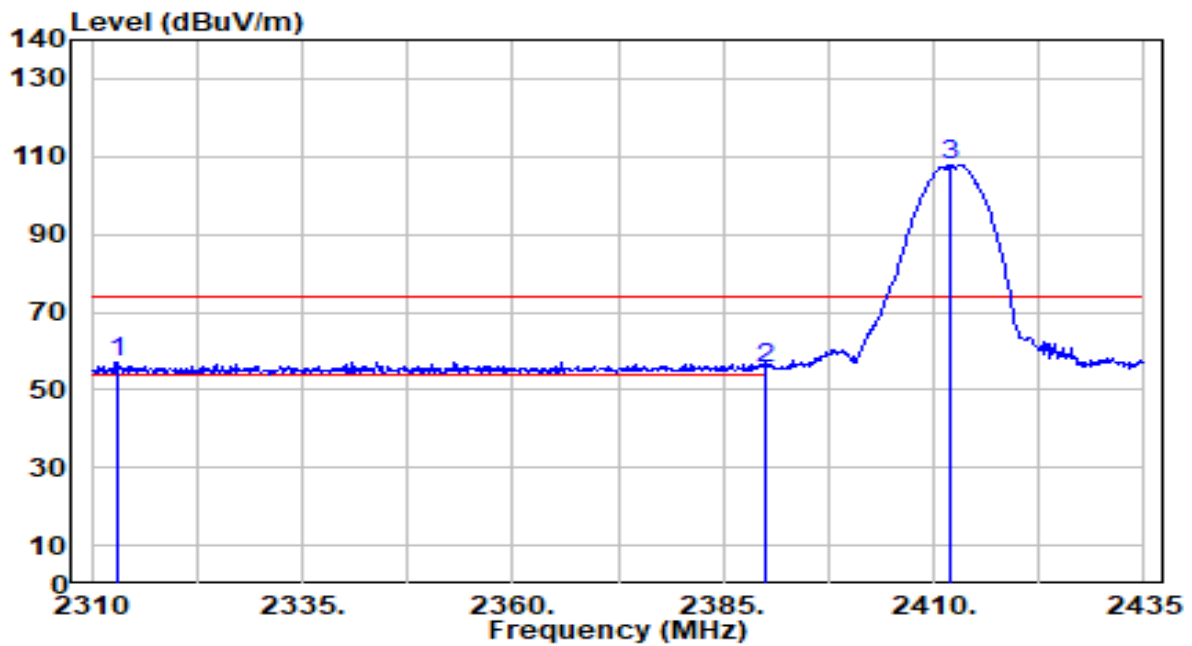
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.7.4. Test Setup



7.7.5. Test Result

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

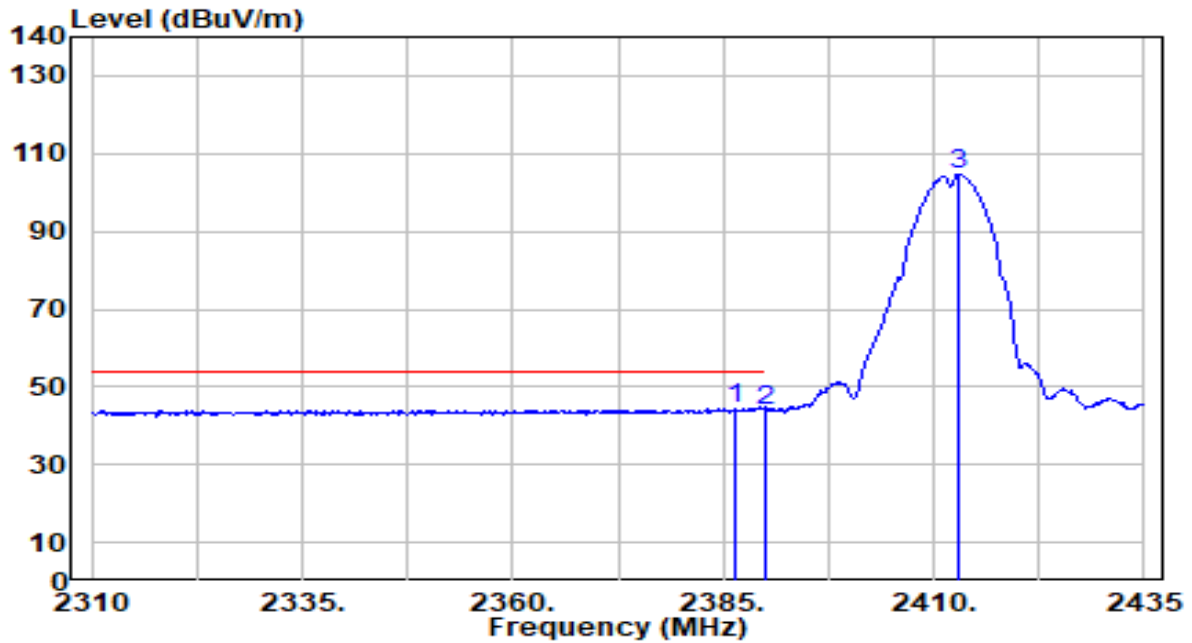


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2313.000	27.25	29.96	57.22	-16.78	74.00	313	301	Peak
2	2390.000	25.49	30.18	55.67	-18.33	74.00	313	301	Peak
3	2412.000	77.61	30.22	107.83	N/A	N/A	313	301	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

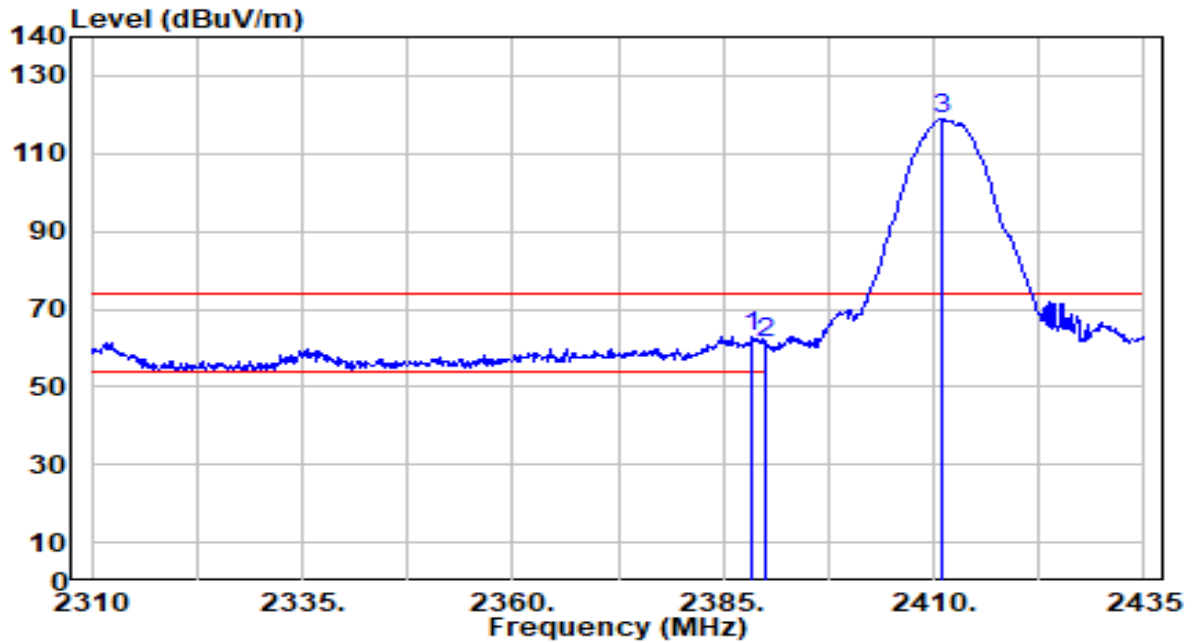


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2386.500	14.40	30.17	44.57	-9.43	54.00	313	301	Average
2		2390.000	13.93	30.18	44.11	-9.89	54.00	313	301	Average
3		2413.000	74.55	30.23	104.78	N/A	N/A	313	301	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

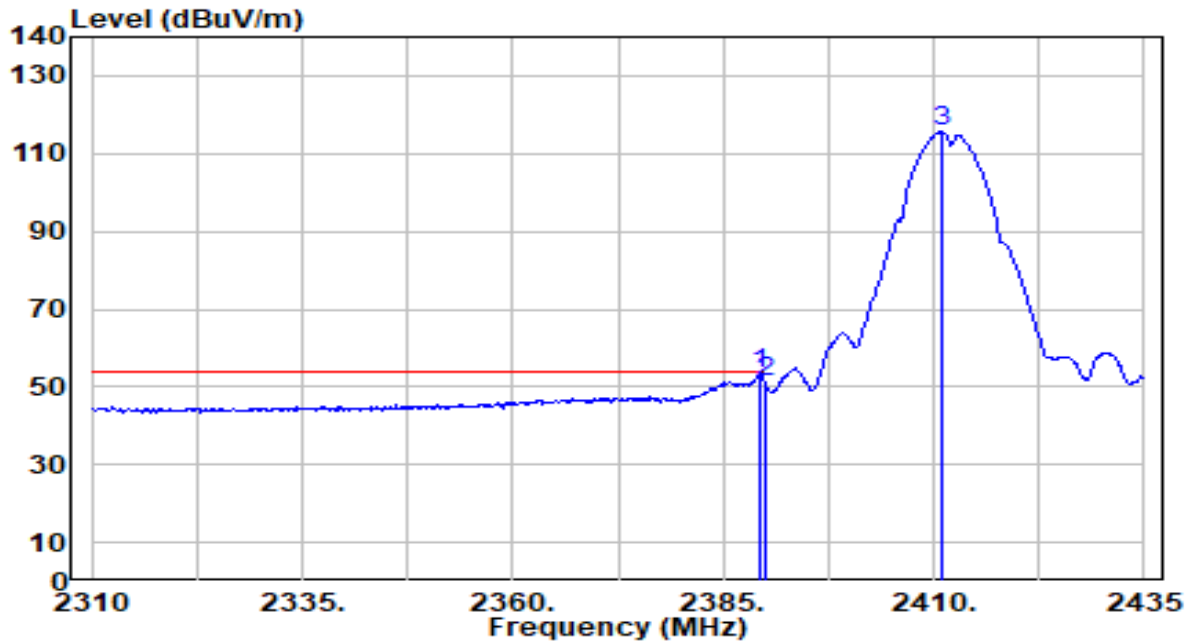


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.500	32.70	30.18	62.88	-11.12	74.00	121	193	Peak
2		2390.000	30.99	30.18	61.17	-12.83	74.00	121	193	Peak
3		2411.000	88.67	30.22	118.89	N/A	N/A	121	193	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

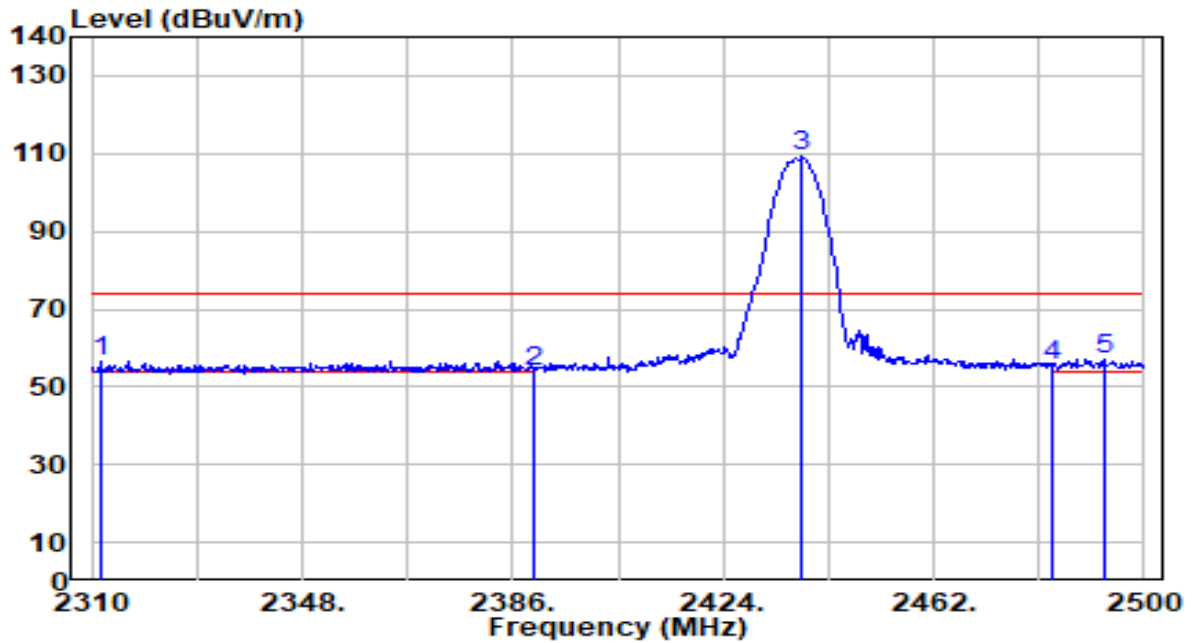


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.250	22.99	30.18	53.17	-0.83	54.00	121	193	Average
2	* 2390.000	20.92	30.18	51.09	-2.91	54.00	121	193	Average
3	2410.875	85.46	30.22	115.68	N/A	N/A	121	193	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

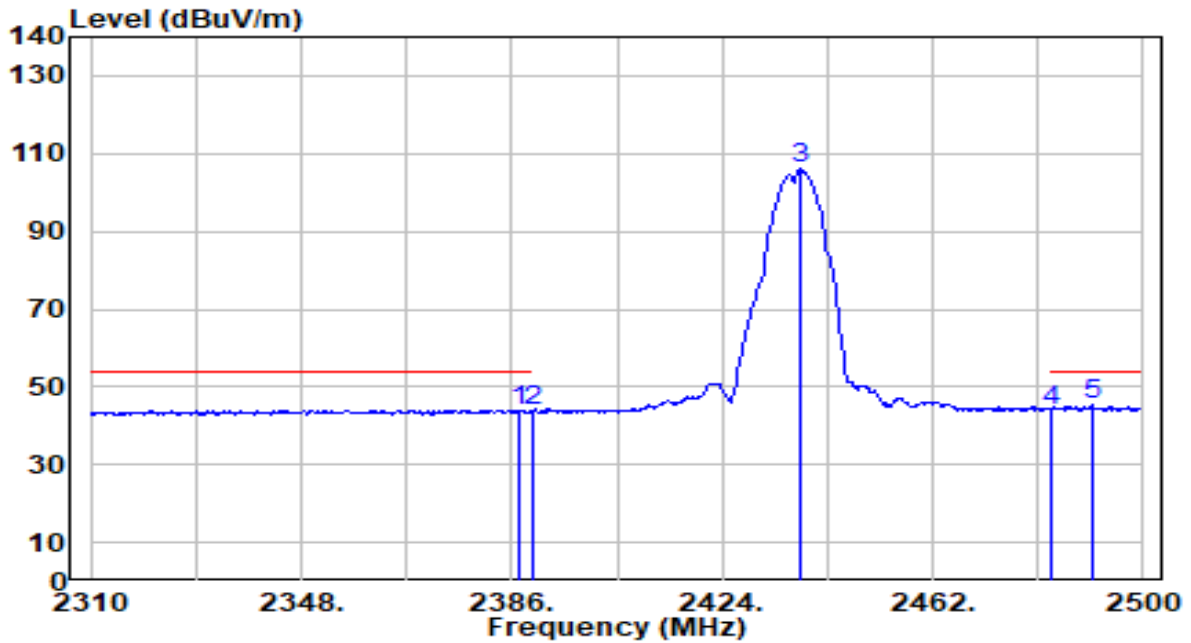


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2311.520	26.72	29.96	56.68	-17.32	74.00	110	223	Peak
2	2390.000	23.88	30.18	54.06	-19.94	74.00	110	223	Peak
3	2438.250	78.85	30.26	109.11	N/A	N/A	110	223	Peak
4	2483.500	25.31	30.32	55.63	-18.37	74.00	110	223	Peak
5	* 2492.780	26.92	30.33	57.26	-16.74	74.00	110	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

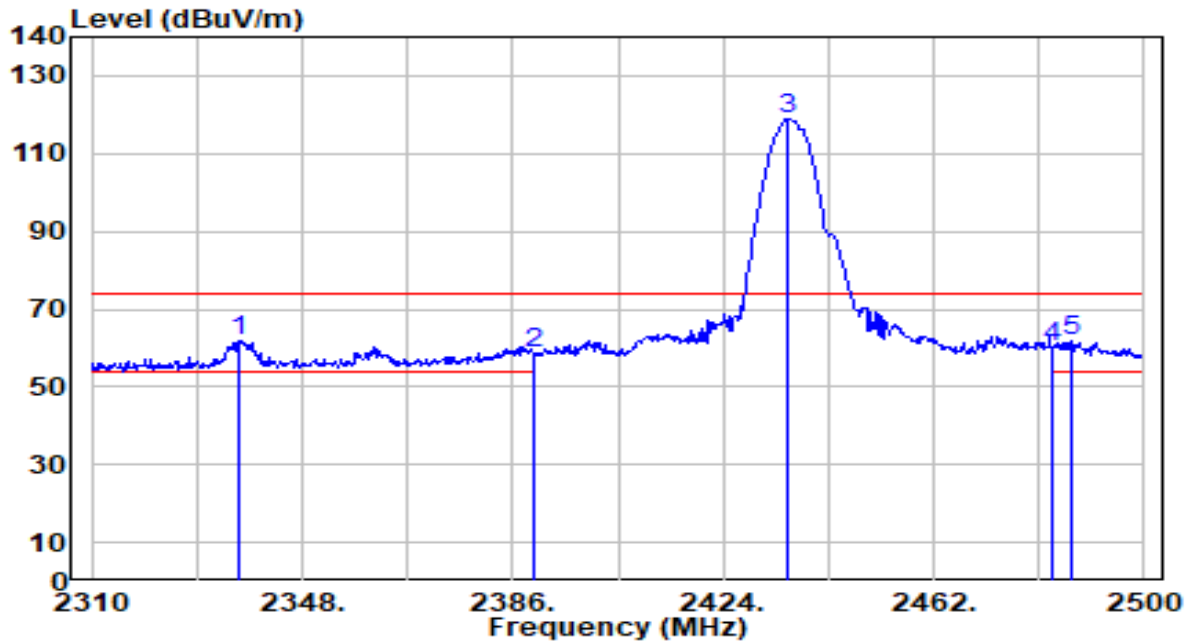


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.330	13.90	30.17	44.07	-9.93	54.00	110	223	Average
2	2390.000	13.44	30.18	43.62	-10.38	54.00	110	223	Average
3	2438.060	75.84	30.26	106.10	N/A	N/A	110	223	Average
4	2483.500	13.75	30.32	44.07	-9.93	54.00	110	223	Average
5	* 2490.690	14.95	30.33	45.28	-8.72	54.00	110	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

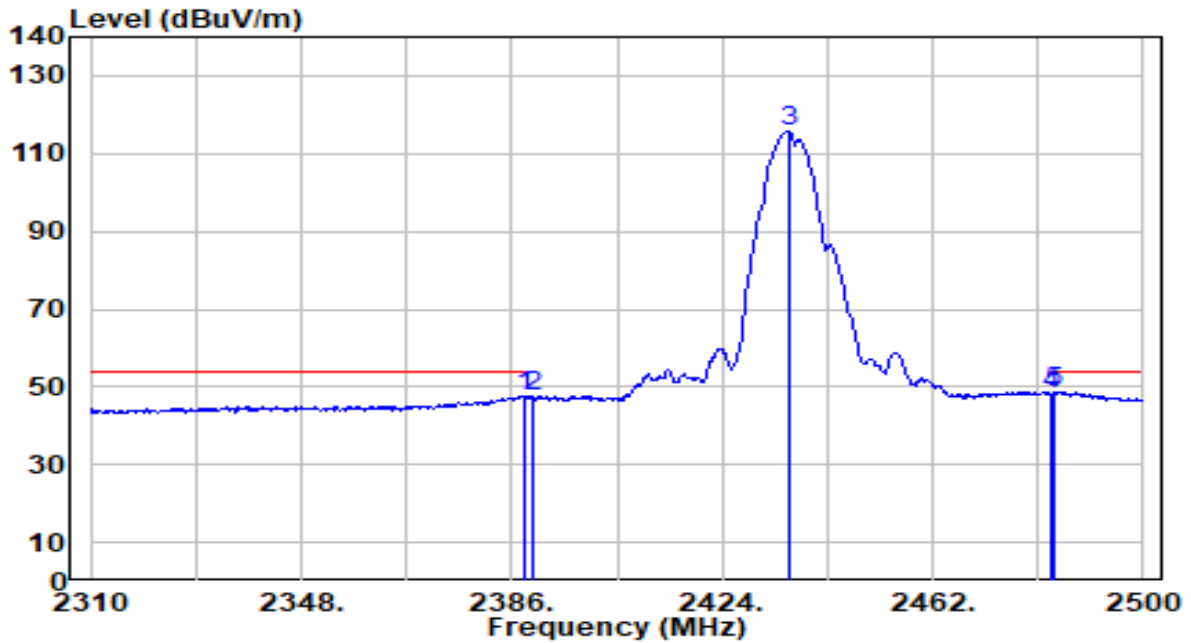


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2336.600	32.01	30.03	62.04	-11.96	74.00	102	285	Peak
2	2390.000	28.32	30.18	58.50	-15.50	74.00	102	285	Peak
3	2435.780	88.81	30.26	119.07	N/A	N/A	102	285	Peak
4	2483.500	30.01	30.32	60.33	-13.67	74.00	102	285	Peak
5	2486.700	31.37	30.32	61.69	-12.31	74.00	102	285	Peak

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

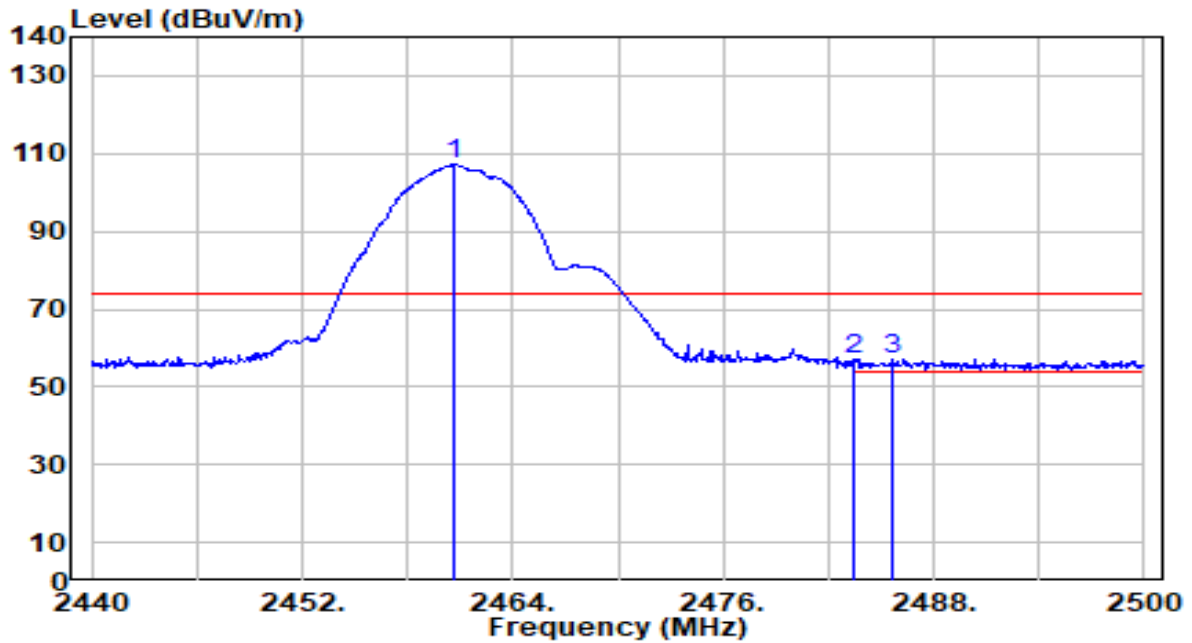


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.280	17.40	30.17	47.57	-6.43	54.00	102	285	Average
2	2390.000	17.16	30.18	47.34	-6.66	54.00	102	285	Average
3	2435.970	85.66	30.26	115.92	N/A	N/A	102	285	Average
4	2483.500	17.94	30.32	48.26	-5.74	54.00	102	285	Average
5	* 2484.040	18.49	30.32	48.81	-5.19	54.00	102	285	Average

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

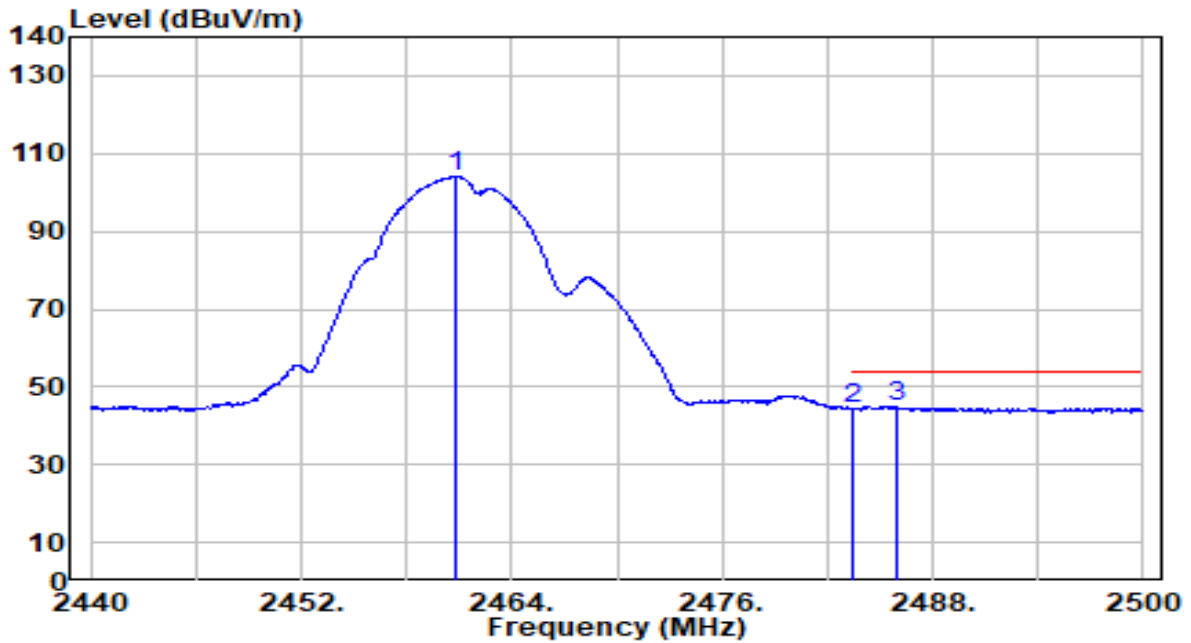


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2460.700	76.74	30.29	107.03	N/A	N/A	100	324	Peak
2	* 2483.500	26.94	30.32	57.26	-16.74	74.00	100	324	Peak
3	2485.660	26.88	30.32	57.20	-16.80	74.00	100	324	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

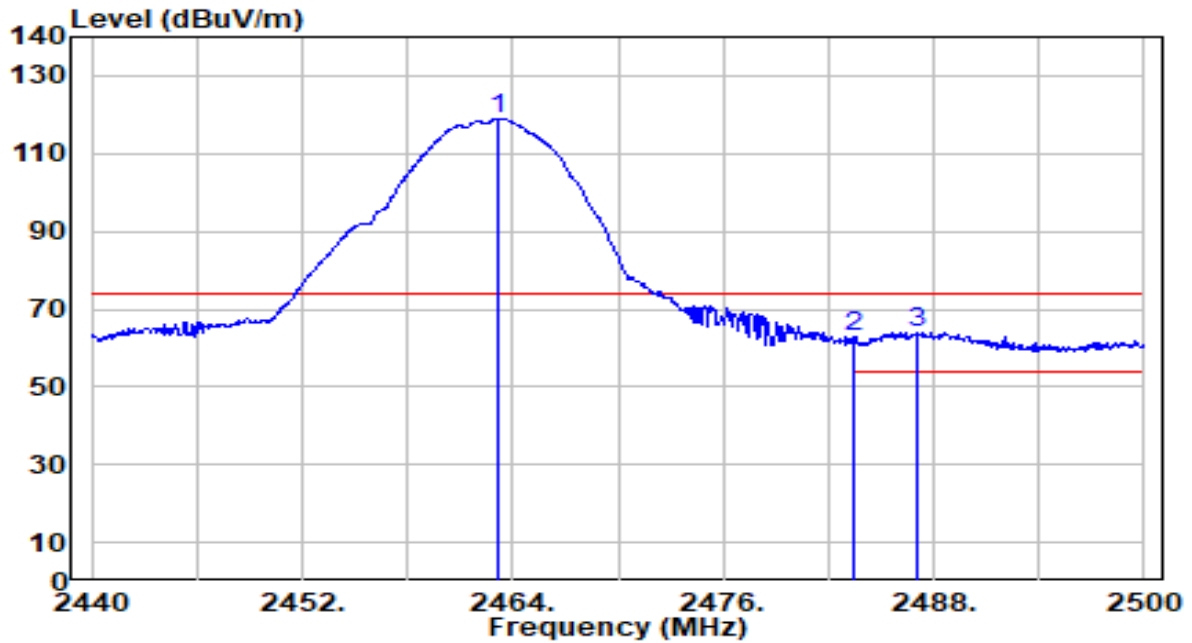


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2460.880	73.69	30.29	103.97	N/A	N/A	100	324	Average
2	2483.500	13.92	30.32	44.24	-9.76	54.00	100	324	Average
3	* 2485.960	14.63	30.32	44.95	-9.05	54.00	100	324	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

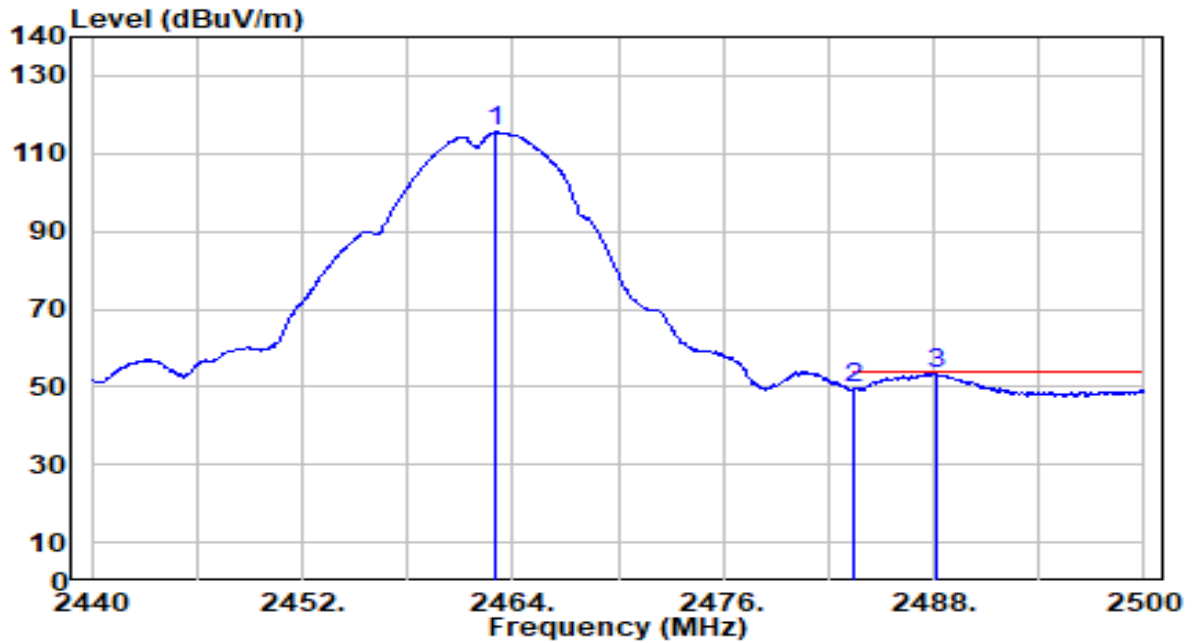


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.160	88.71	30.29	119.00	N/A	N/A	178	198	Peak
2	2483.500	32.63	30.32	62.95	-11.05	74.00	178	198	Peak
3	* 2487.100	33.84	30.32	64.17	-9.83	74.00	178	198	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11b_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

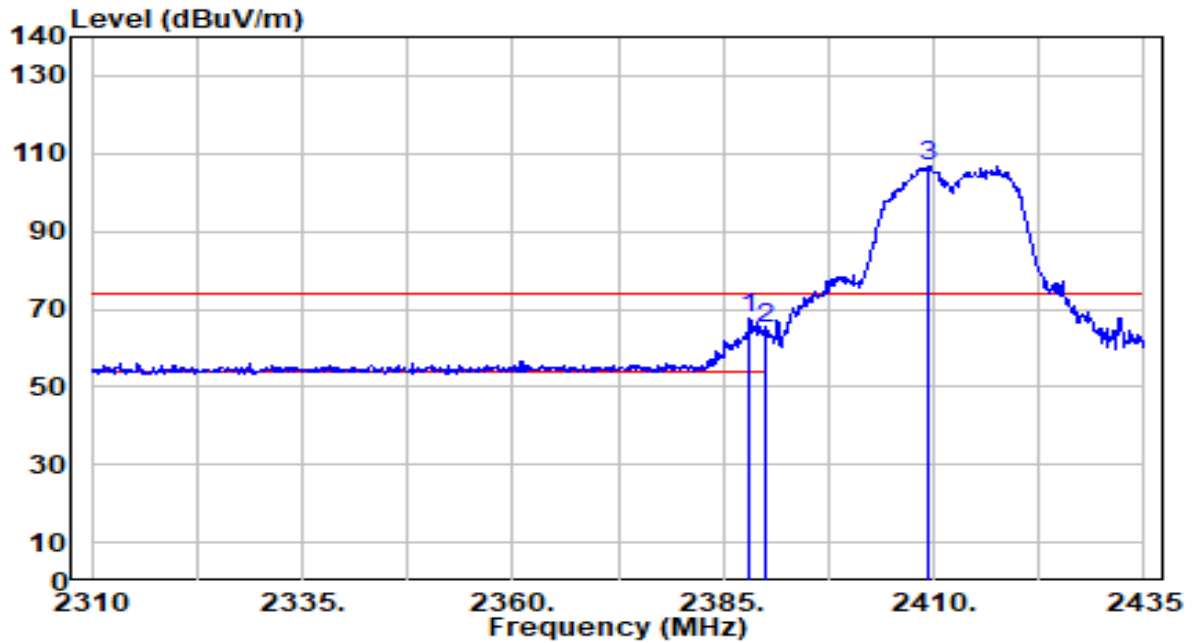


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2462.980	85.19	30.29	115.49	N/A	N/A	178	198	Average
2	2483.500	19.30	30.32	49.62	-4.38	54.00	178	198	Average
3	* 2488.120	23.23	30.32	53.55	-0.45	54.00	178	198	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

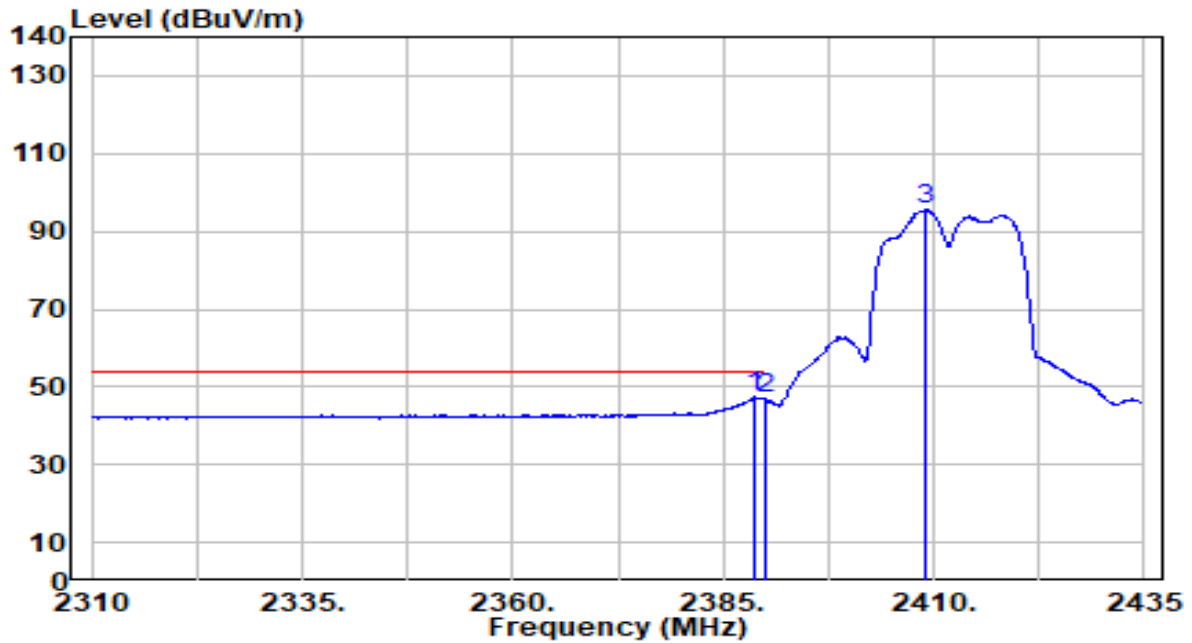


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.125	37.62	30.17	67.80	-6.20	74.00	115	222	Peak
2		2390.000	34.88	30.18	65.06	-8.94	74.00	115	222	Peak
3		2409.250	76.74	30.22	106.96	N/A	N/A	115	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

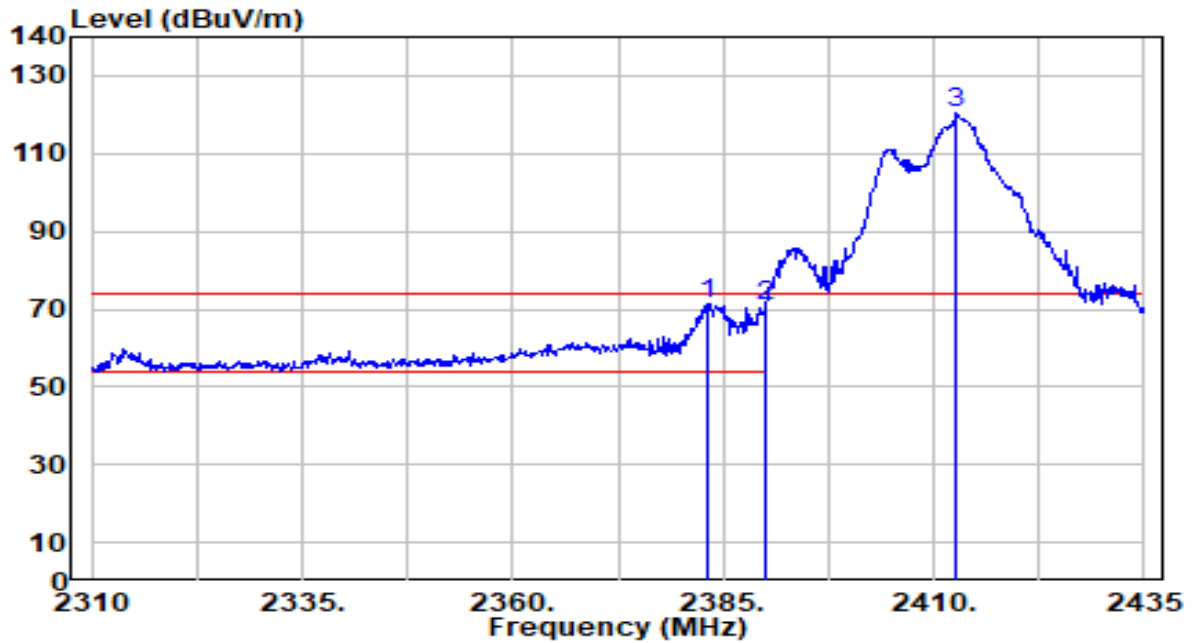


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.625	17.17	30.18	47.35	-6.65	54.00	115	222	Average
2		2390.000	16.91	30.18	47.09	-6.91	54.00	115	222	Average
3		2409.125	65.31	30.22	95.53	N/A	N/A	115	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

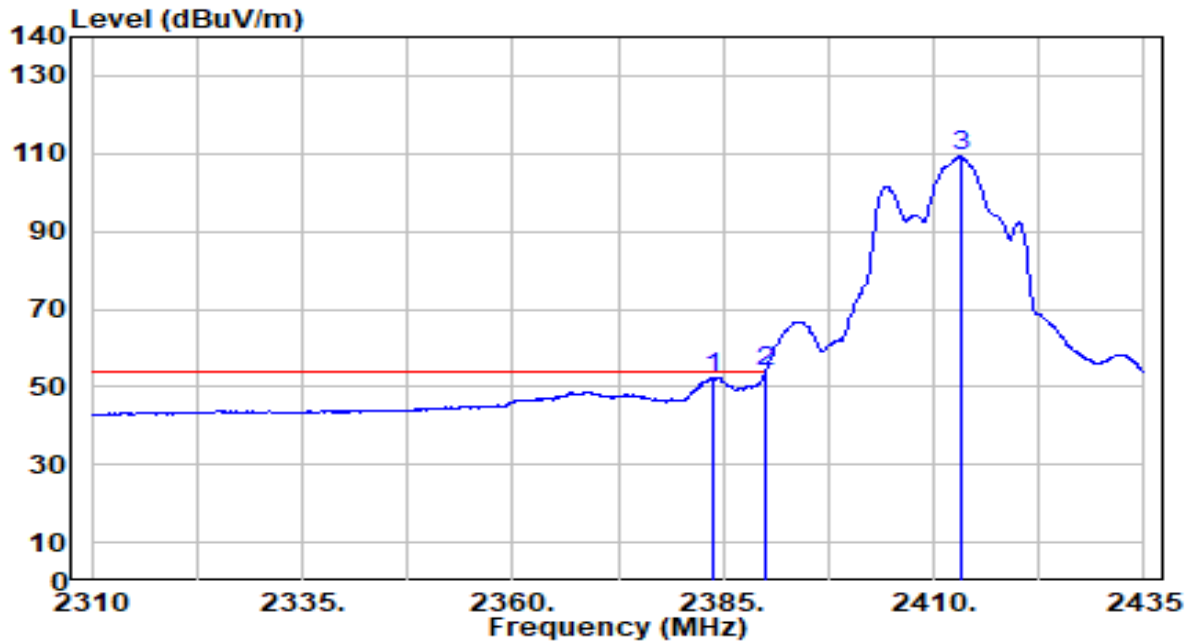


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2383.250	41.42	30.16	71.58	-2.42	74.00	159	3	Peak
2		2390.000	40.43	30.18	70.61	-3.39	74.00	159	3	Peak
3		2412.750	90.30	30.22	120.52	N/A	N/A	159	3	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

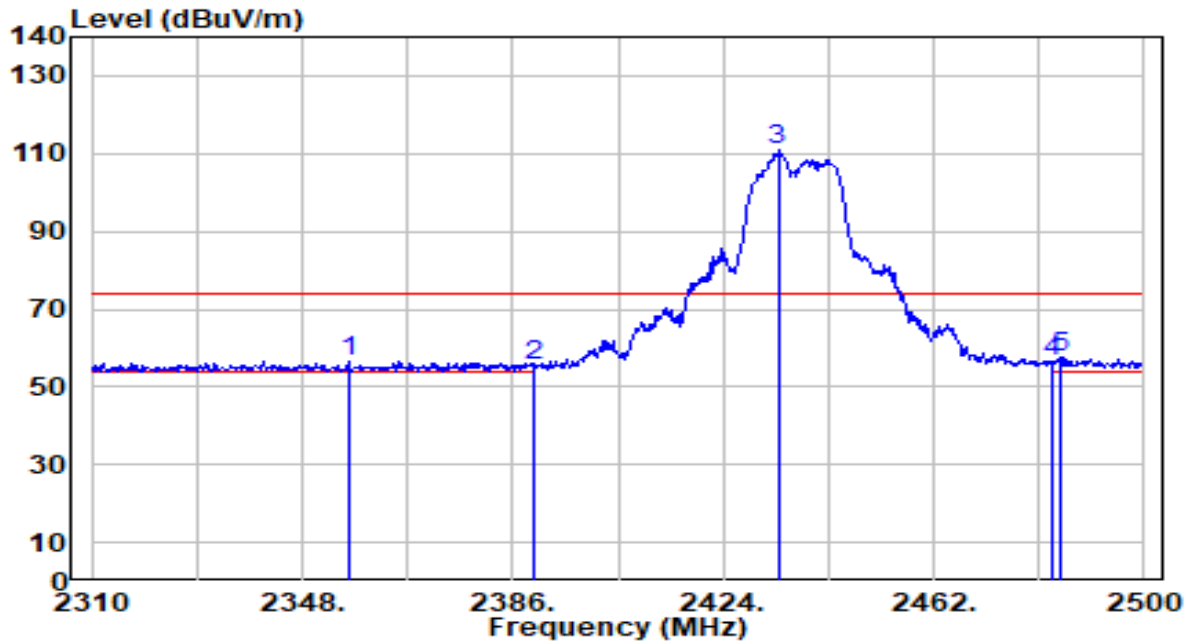


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2383.875	22.18	30.16	52.34	-1.66	54.00	159	3	Average
2	* 2390.000	23.63	30.18	53.81	-0.19	54.00	159	3	Average
3	2413.125	78.92	30.23	109.15	N/A	N/A	159	3	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

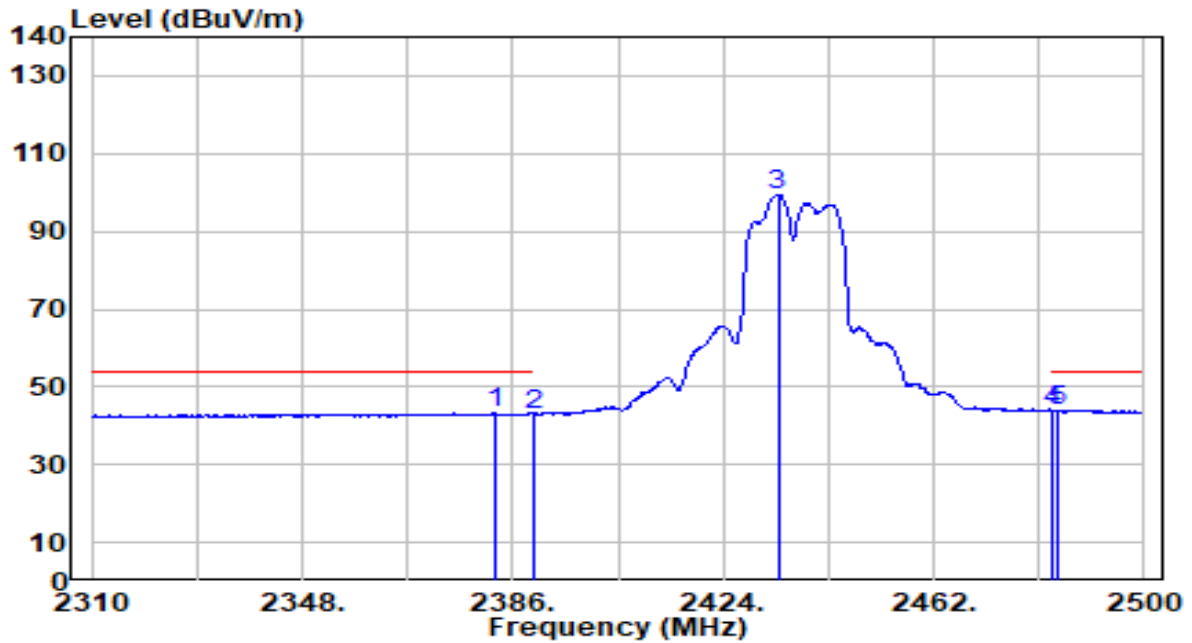


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2356.360	26.63	30.08	56.72	-17.28	74.00	100	222	Peak
2	2390.000	25.22	30.18	55.40	-18.60	74.00	100	222	Peak
3	2433.880	80.53	30.25	110.78	N/A	N/A	100	222	Peak
4	2483.500	26.22	30.32	56.54	-17.46	74.00	100	222	Peak
5	* 2484.990	27.34	30.32	57.66	-16.34	74.00	100	222	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

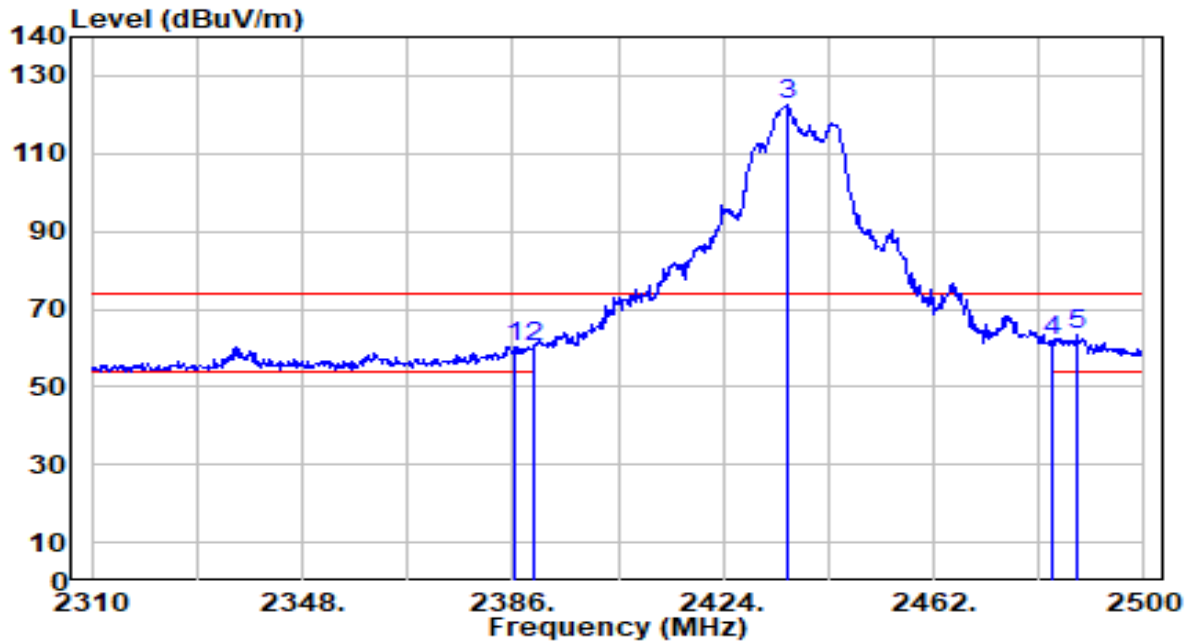


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2382.770	13.00	30.16	43.16	-10.84	54.00	100	222	Average
2	2390.000	12.87	30.18	43.05	-10.95	54.00	100	222	Average
3	2433.880	69.29	30.25	99.54	N/A	N/A	100	222	Average
4	2483.500	13.67	30.32	43.99	-10.01	54.00	100	222	Average
5	* 2484.230	13.70	30.32	44.02	-9.98	54.00	100	222	Average

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

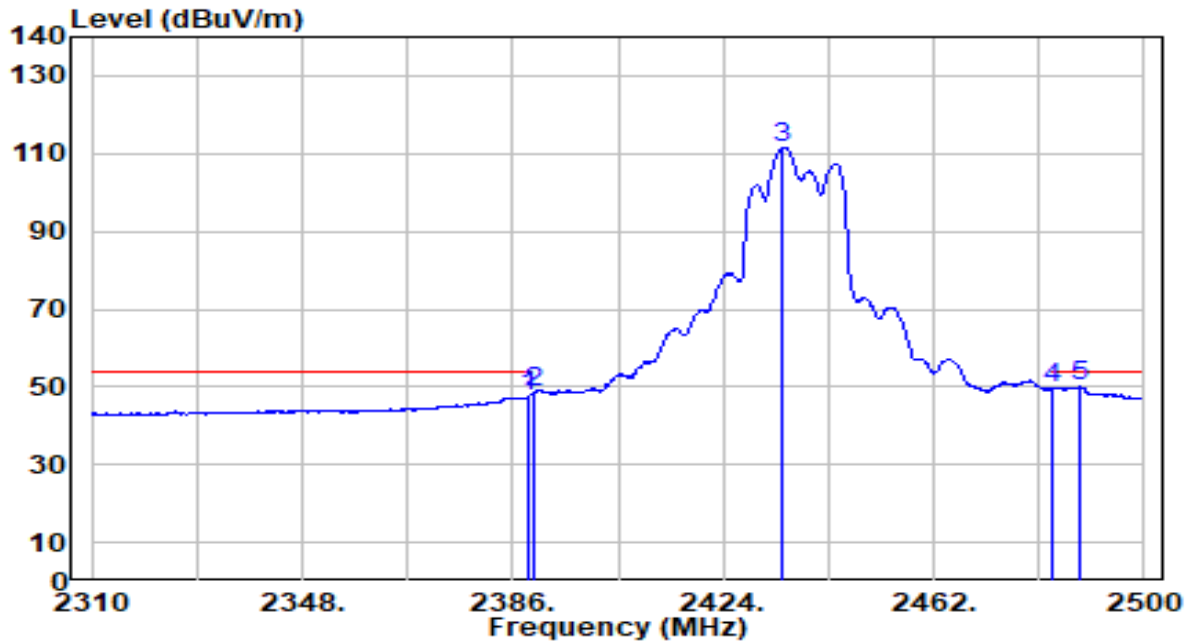


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2386.570	30.13	30.17	60.30	-13.70	74.00	184	162	Peak
2	2390.000	29.80	30.18	59.98	-14.02	74.00	184	162	Peak
3	2435.400	92.19	30.25	122.44	N/A	N/A	184	162	Peak
4	2483.500	31.53	30.32	61.85	-12.15	74.00	184	162	Peak
5	* 2488.030	32.89	30.32	63.22	-10.78	74.00	184	162	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

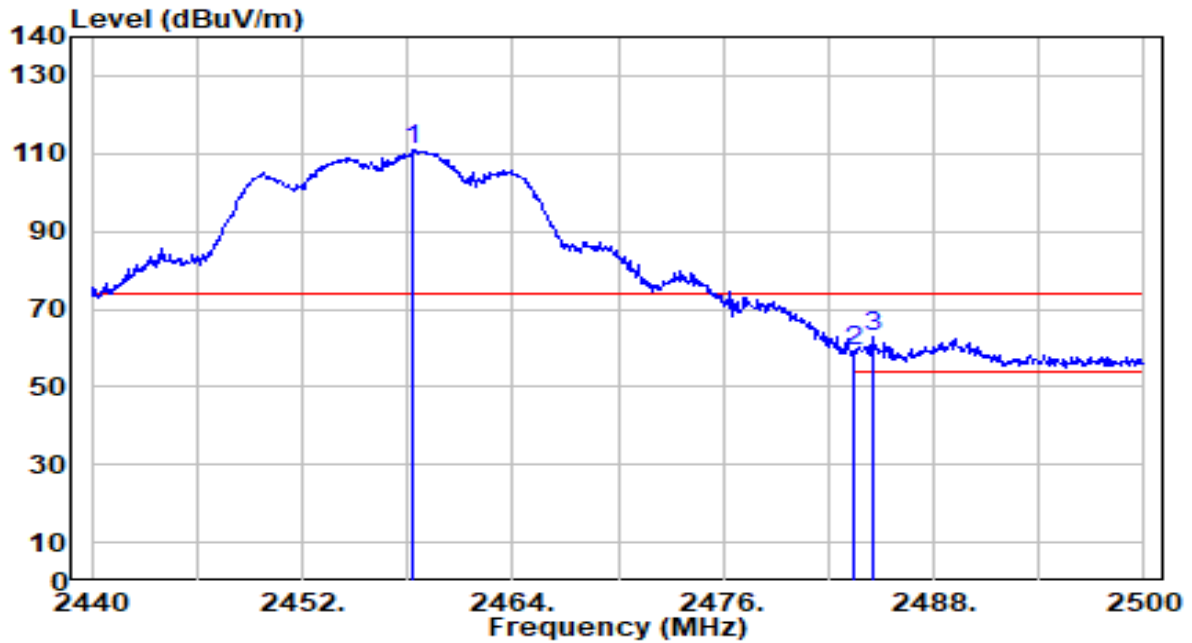


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.040	17.57	30.18	47.75	-6.25	54.00	184	162	Average
2	2390.000	18.33	30.18	48.51	-5.49	54.00	184	162	Average
3	2434.830	81.48	30.25	111.73	N/A	N/A	184	162	Average
4	2483.500	19.33	30.32	49.65	-4.35	54.00	184	162	Average
5	* 2488.600	19.62	30.32	49.95	-4.05	54.00	184	162	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

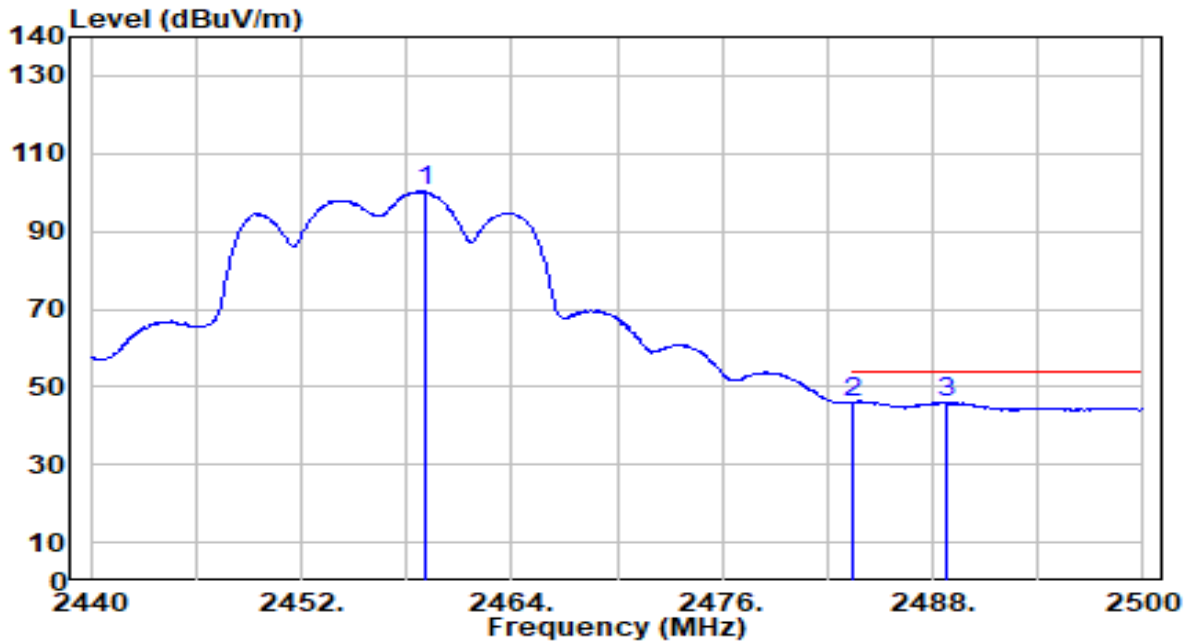


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.360	80.90	30.29	111.19	N/A	N/A	125	222	Peak
2	2483.500	28.59	30.32	58.91	-15.09	74.00	125	222	Peak
3	* 2484.520	32.57	30.32	62.89	-11.11	74.00	125	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

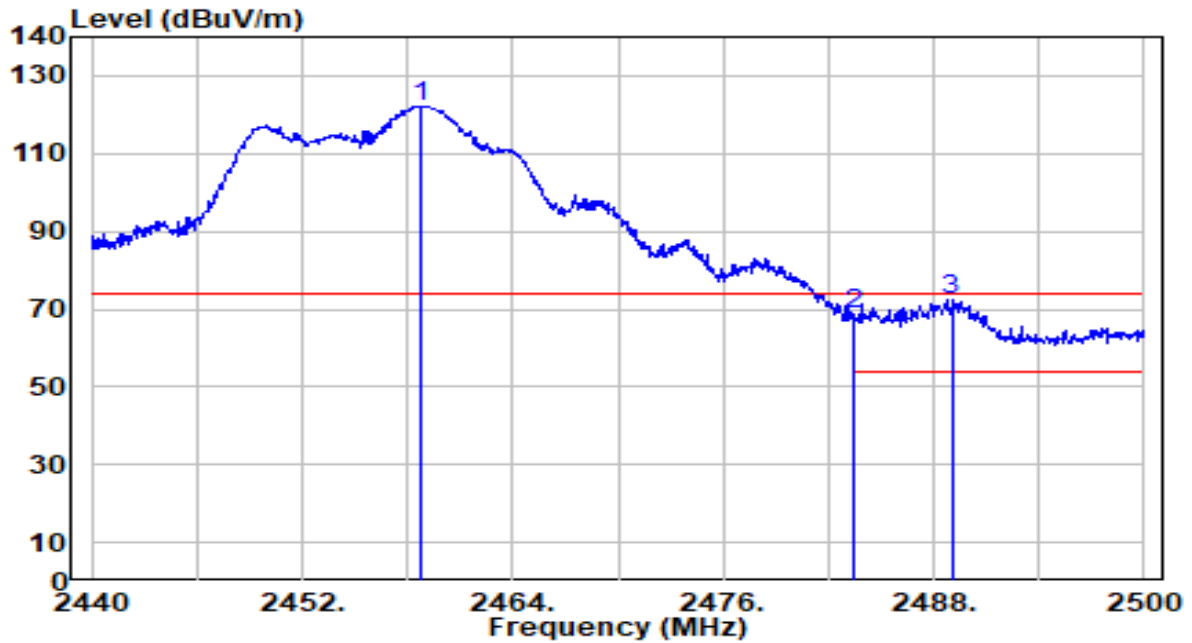


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2459.020	69.94	30.29	100.23	N/A	N/A	125	222	Average
2	* 2483.500	15.81	30.32	46.13	-7.87	54.00	125	222	Average
3	2488.840	15.73	30.33	46.05	-7.95	54.00	125	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

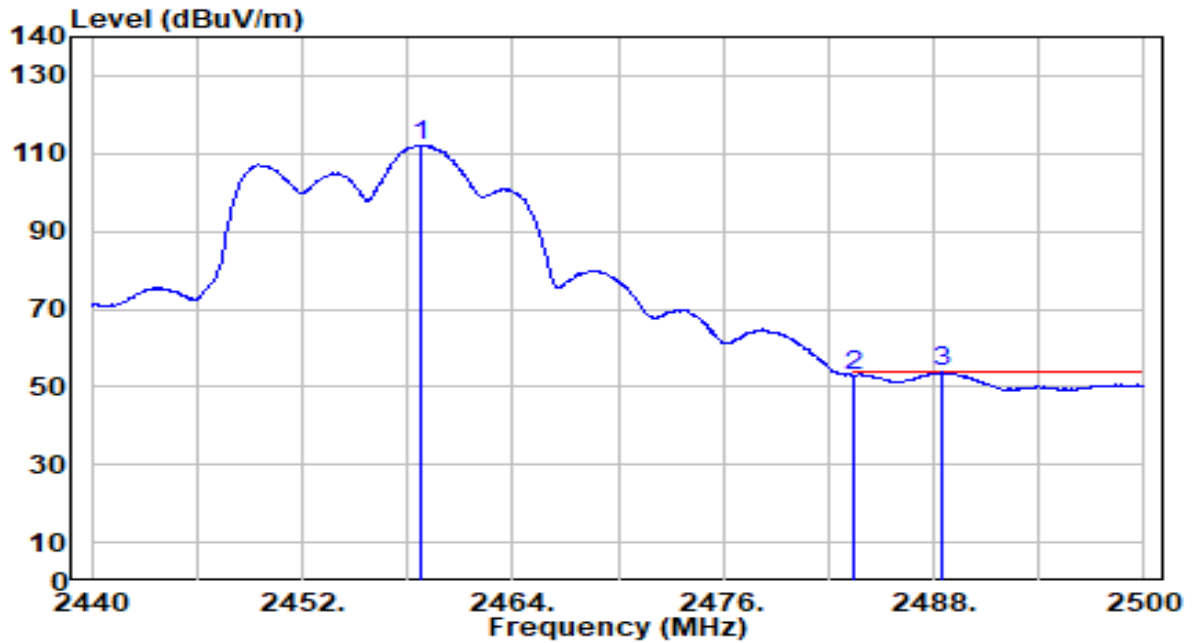


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.720	91.88	30.29	122.17	N/A	N/A	161	154	Peak
2	2483.500	38.29	30.32	68.61	-5.39	74.00	161	154	Peak
3	* 2489.020	42.12	30.33	72.45	-1.55	74.00	161	154	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

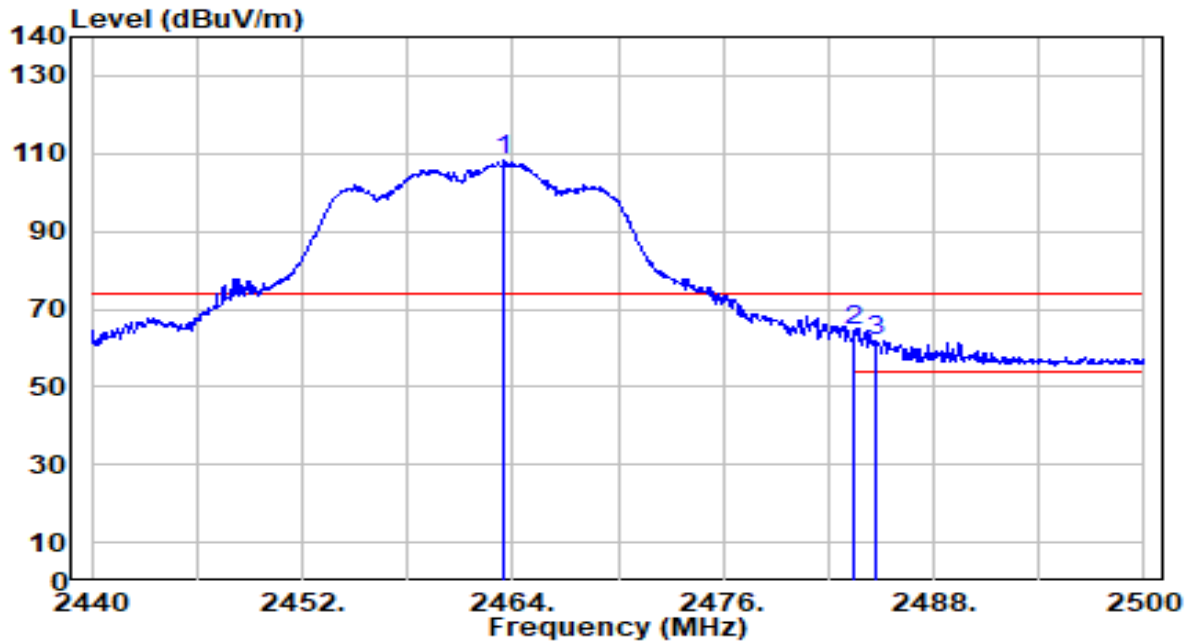


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.780	81.75	30.29	112.03	N/A	N/A	161	154	Average
2	2483.500	22.61	30.32	52.92	-1.08	54.00	161	154	Average
3	* 2488.420	23.36	30.32	53.68	-0.32	54.00	161	154	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

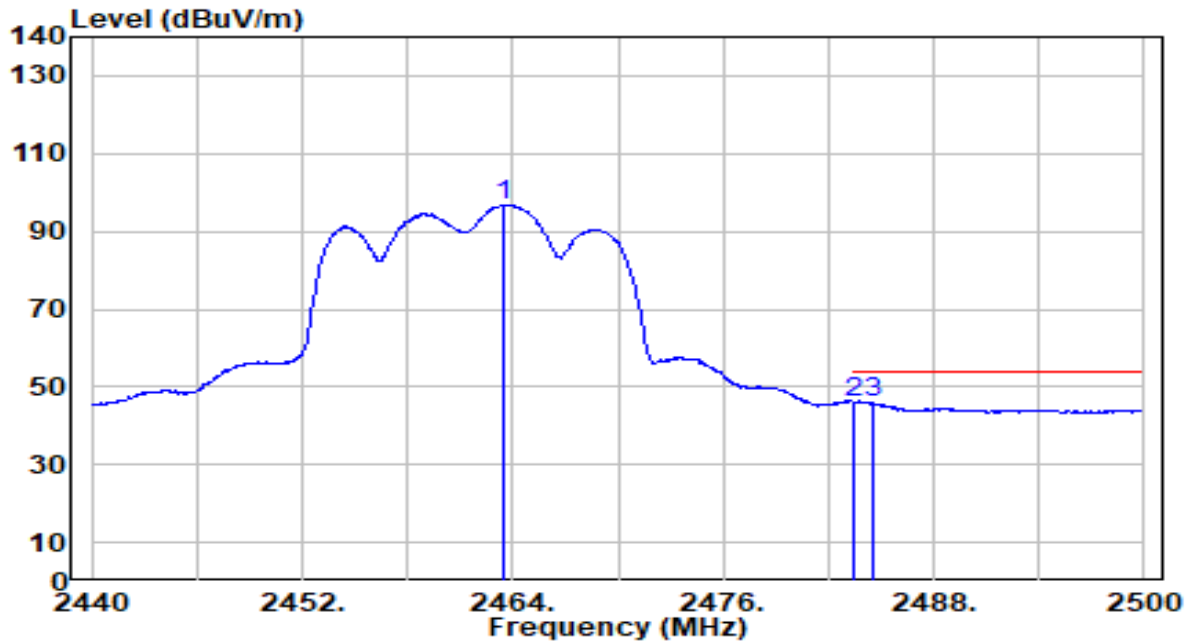


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.520	77.90	30.29	108.19	N/A	N/A	126	222	Peak
2	* 2483.500	33.96	30.32	64.28	-9.72	74.00	126	222	Peak
3	2484.760	31.64	30.32	61.96	-12.04	74.00	126	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

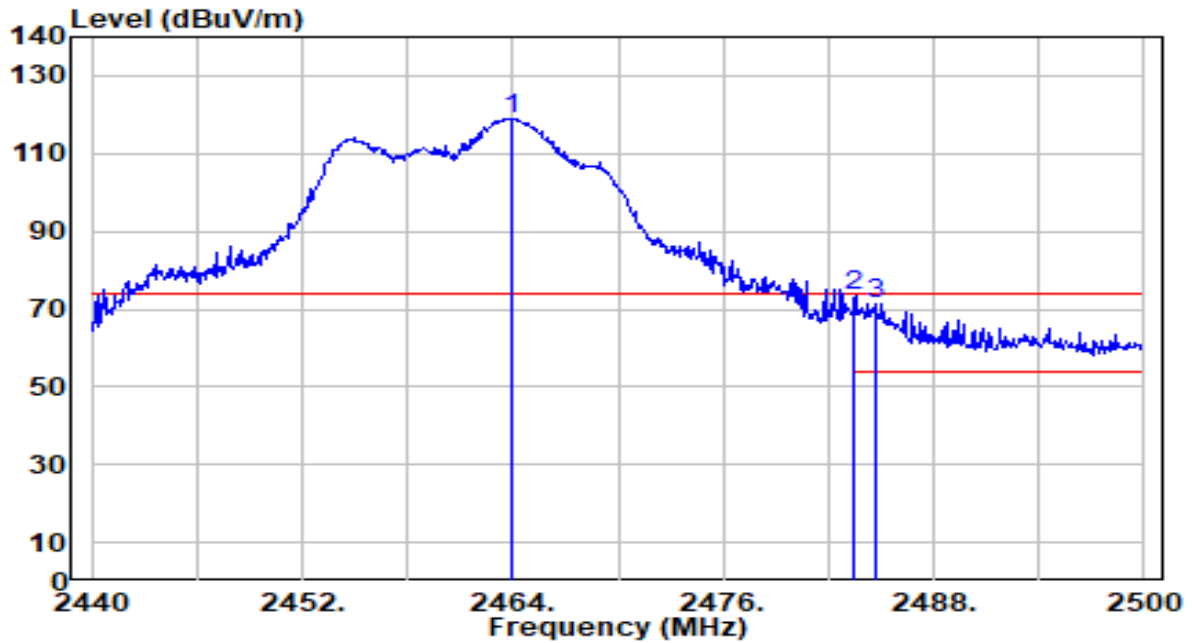


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.460	66.54	30.29	96.83	N/A	N/A	126	222	Average
2	* 2483.500	15.85	30.32	46.16	-7.84	54.00	126	222	Average
3	2484.520	15.57	30.32	45.89	-8.11	54.00	126	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

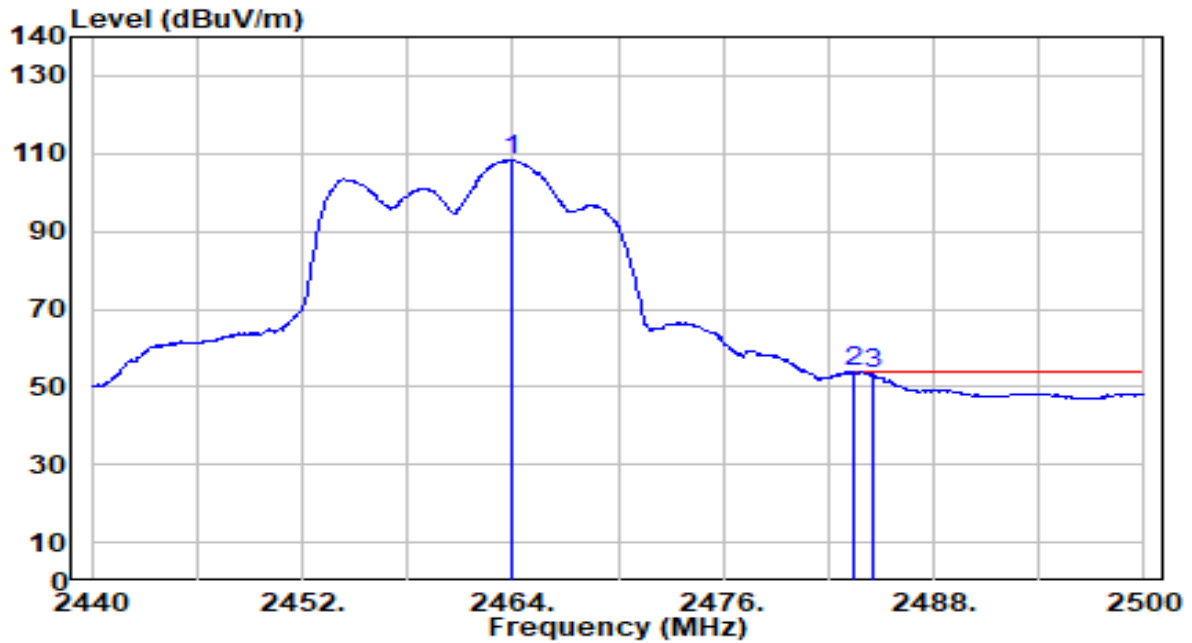


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.880	88.68	30.29	118.98	N/A	N/A	161	154	Peak
2	* 2483.500	42.86	30.32	73.18	-0.82	74.00	161	154	Peak
3	2484.700	41.09	30.32	71.41	-2.59	74.00	161	154	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11g_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

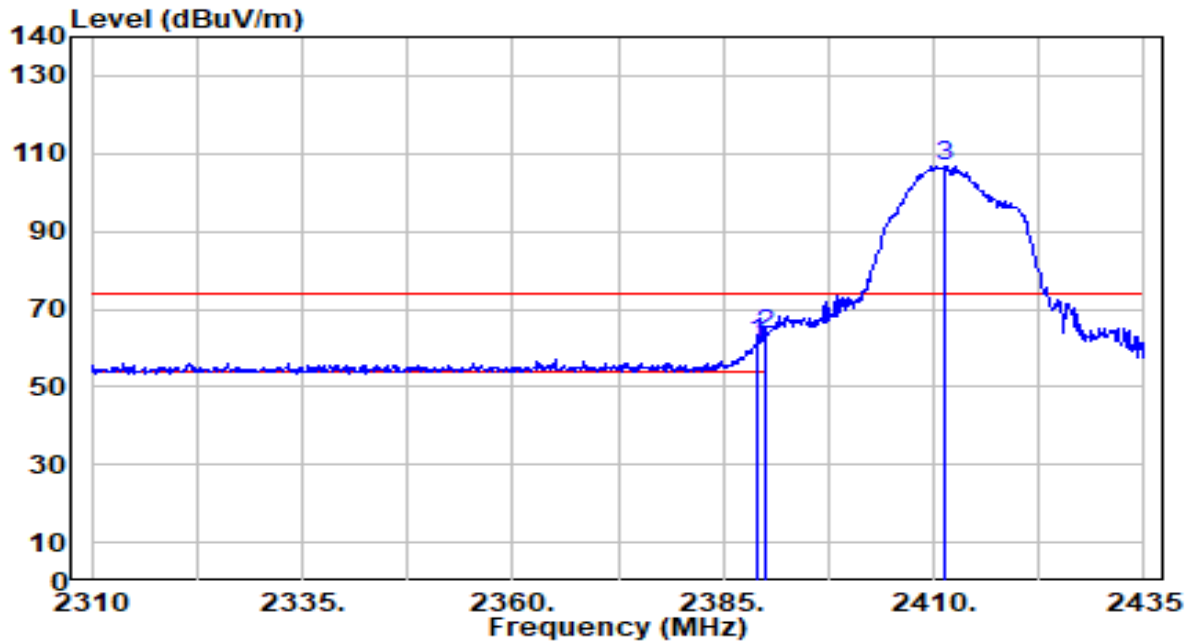


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.880	77.97	30.29	108.26	N/A	N/A	161	154	Average
2	* 2483.500	23.53	30.32	53.85	-0.15	54.00	161	154	Average
3	2484.520	22.92	30.32	53.24	-0.76	54.00	161	154	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

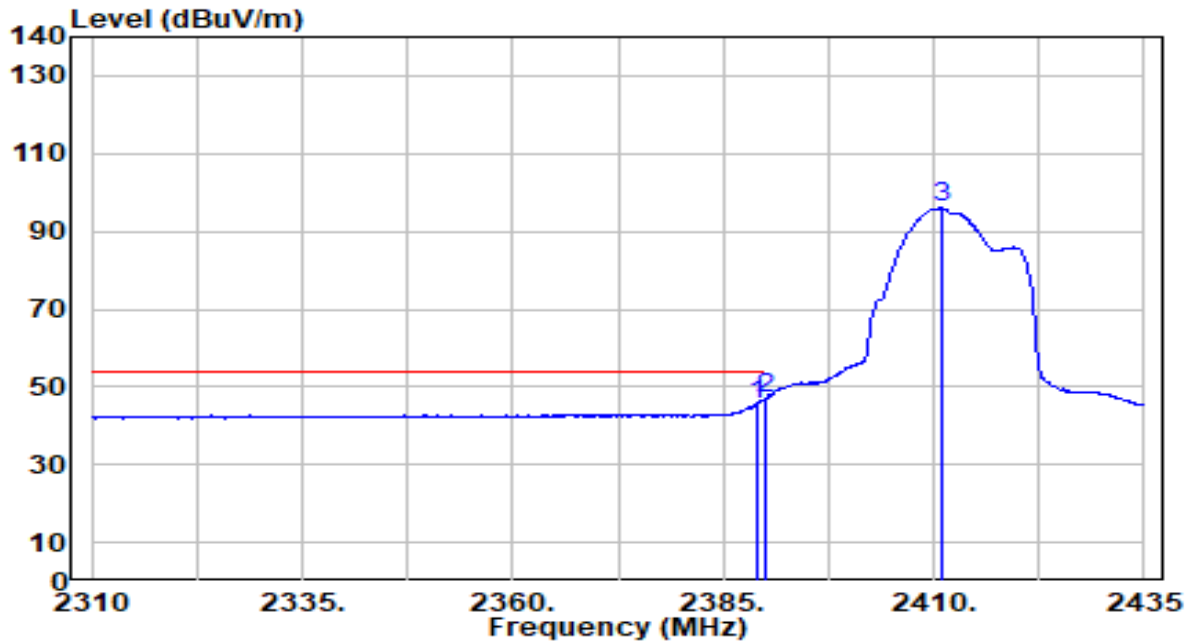


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	31.35	30.18	61.53	-12.47	74.00	100	222	Peak
2	* 2390.000	33.35	30.18	63.53	-10.47	74.00	100	222	Peak
3	2411.375	76.62	30.22	106.84	N/A	N/A	100	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

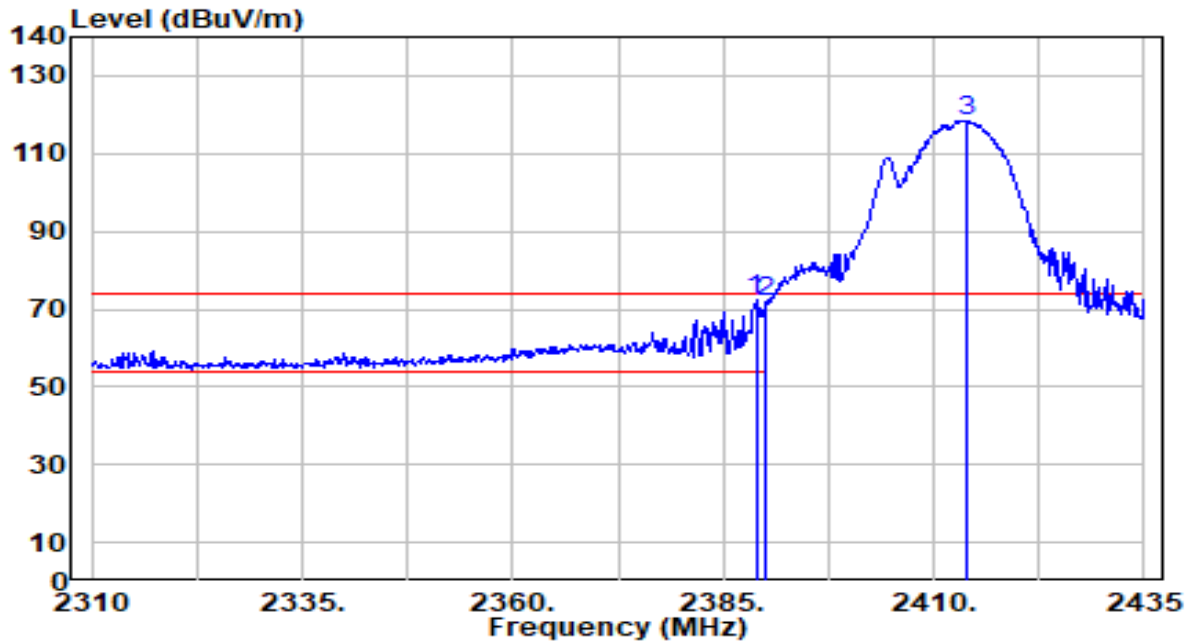


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	15.37	30.18	45.55	-8.45	54.00	100	222	Average
2	* 2390.000	16.90	30.18	47.07	-6.93	54.00	100	222	Average
3	2410.875	65.85	30.22	96.08	N/A	N/A	100	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

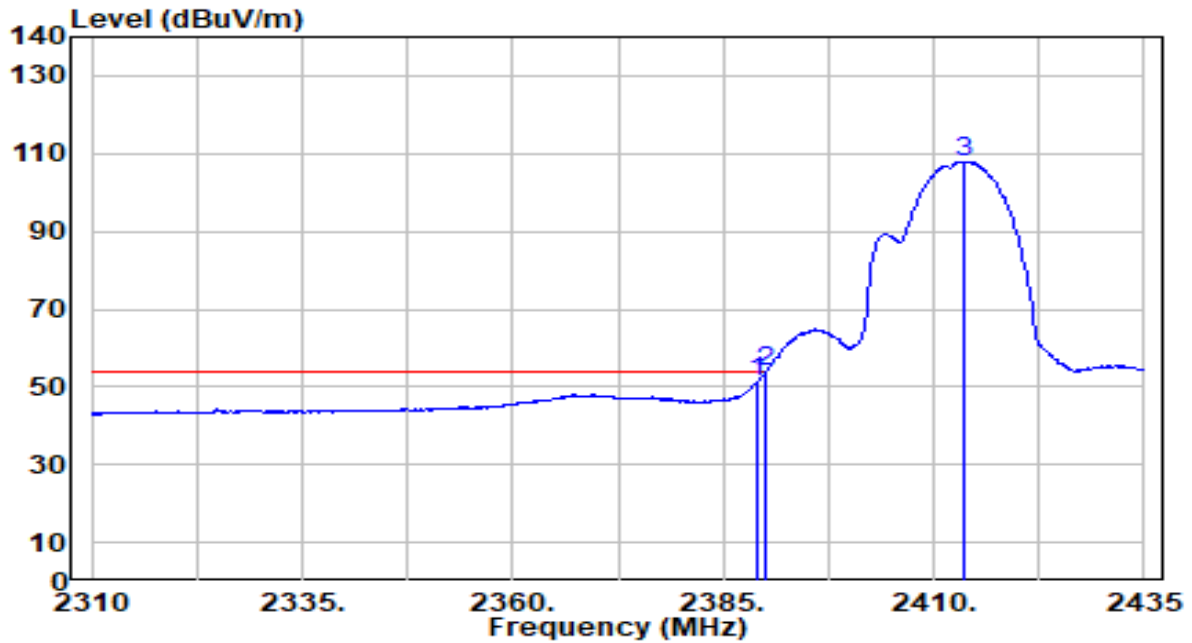


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.875	42.46	30.18	72.64	-1.36	74.00	144	171	Peak
2		2390.000	41.68	30.18	71.86	-2.14	74.00	144	171	Peak
3		2413.875	88.22	30.23	118.45	N/A	N/A	144	171	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2	Test Voltage	AC 120V/60Hz

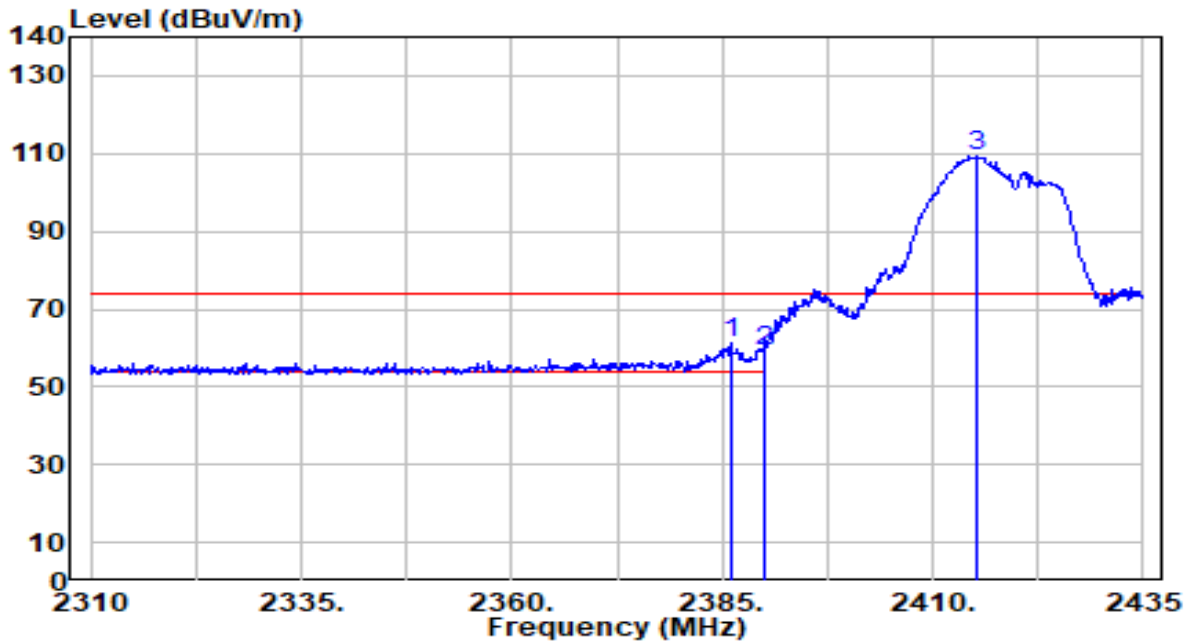


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	20.82	30.18	51.00	-3.00	54.00	144	171	Average
2	* 2390.000	23.66	30.18	53.84	-0.16	54.00	144	171	Average
3	2413.625	77.78	30.23	108.01	N/A	N/A	144	171	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1+2	Test Voltage	AC 120V/60Hz

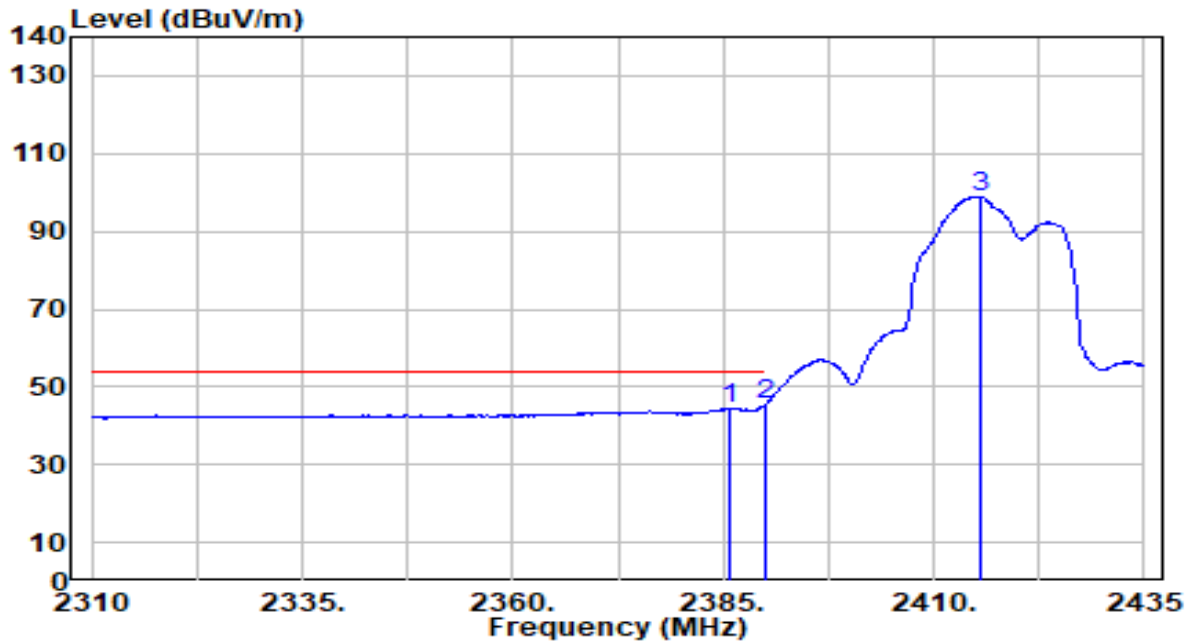


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2386.125	31.23	30.17	61.40	-12.60	74.00	143	262	Peak
2		2390.000	28.91	30.18	59.09	-14.91	74.00	143	262	Peak
3		2415.250	79.18	30.23	109.41	N/A	N/A	143	262	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1+2	Test Voltage	AC 120V/60Hz

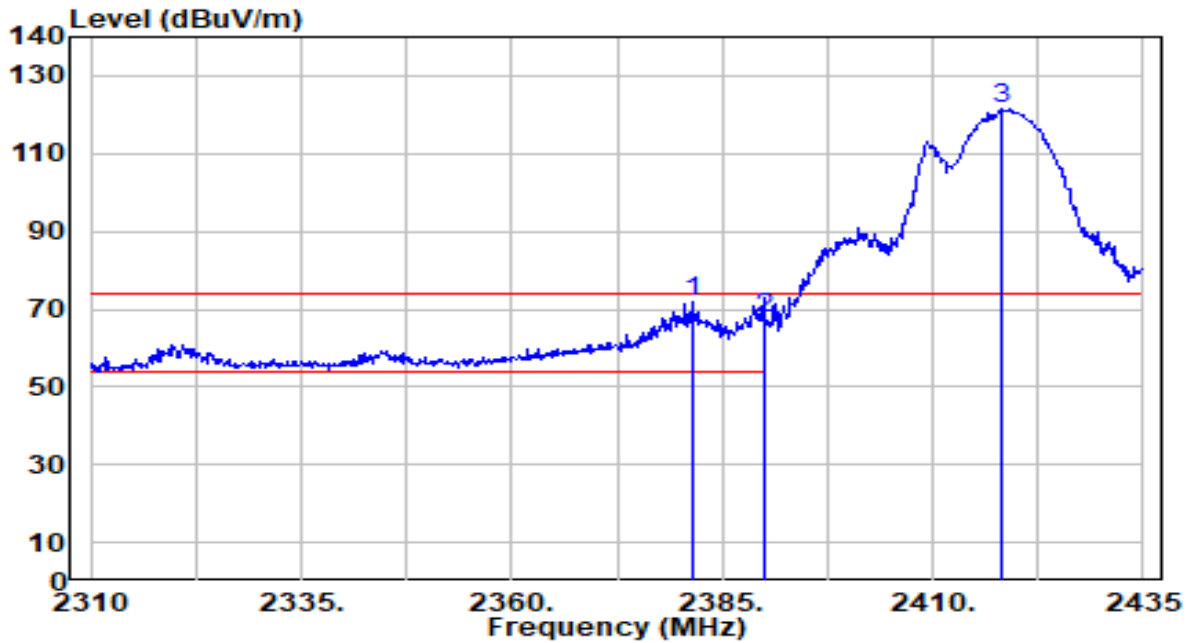


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2385.625	14.26	30.17	44.43	-9.57	54.00	143	262	Average
2	* 2390.000	15.20	30.18	45.38	-8.62	54.00	143	262	Average
3	2415.500	68.71	30.23	98.94	N/A	N/A	143	262	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1+2	Test Voltage	AC 120V/60Hz

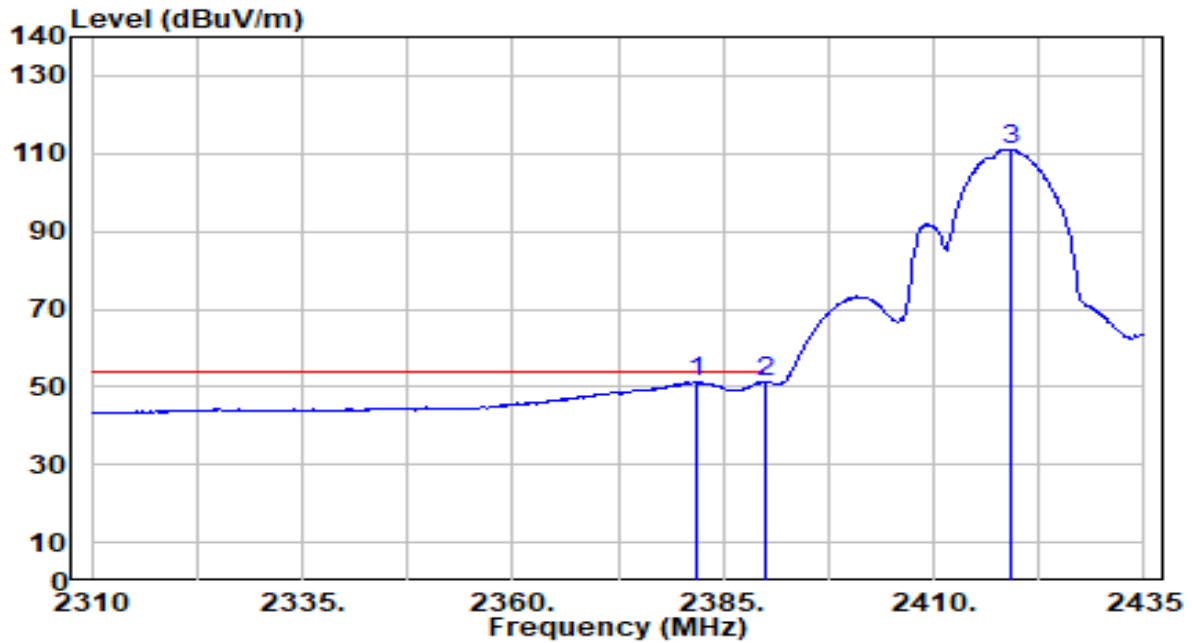


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2381.500	41.50	30.16	71.66	-2.34	74.00	164	360	Peak
2		2390.000	37.46	30.18	67.64	-6.36	74.00	164	360	Peak
3		2418.125	91.17	30.23	121.40	N/A	N/A	164	360	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1+2	Test Voltage	AC 120V/60Hz

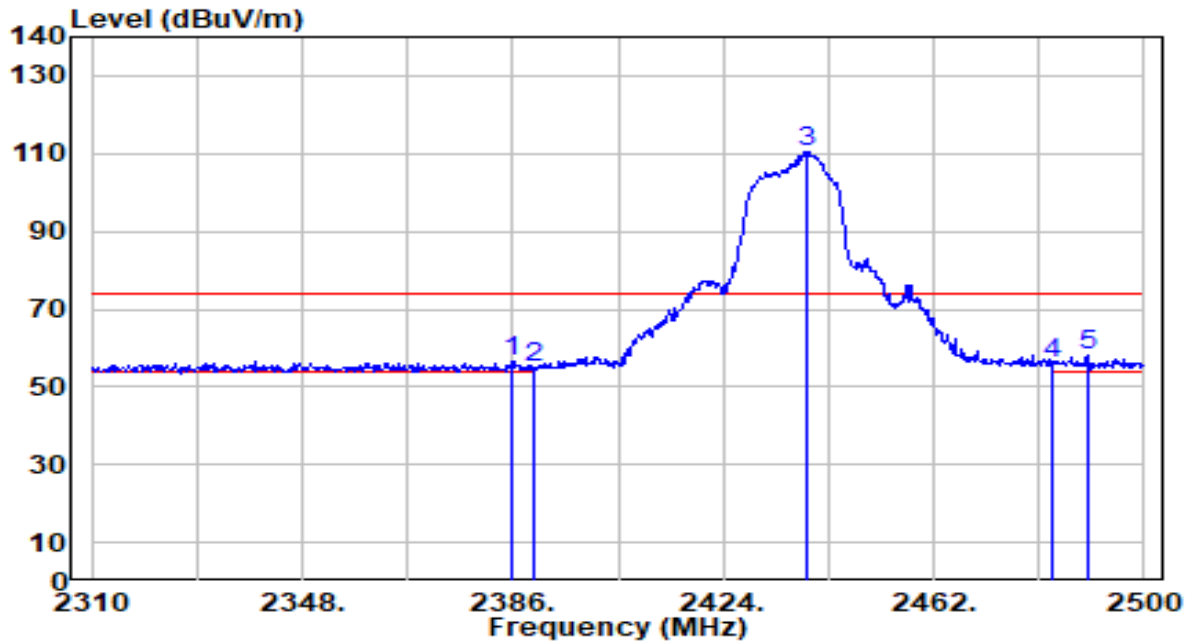


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2381.875	21.10	30.16	51.25	-2.75	54.00	164	360	Average
2		2390.000	20.92	30.18	51.09	-2.91	54.00	164	360	Average
3		2419.125	80.90	30.23	111.13	N/A	N/A	164	360	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

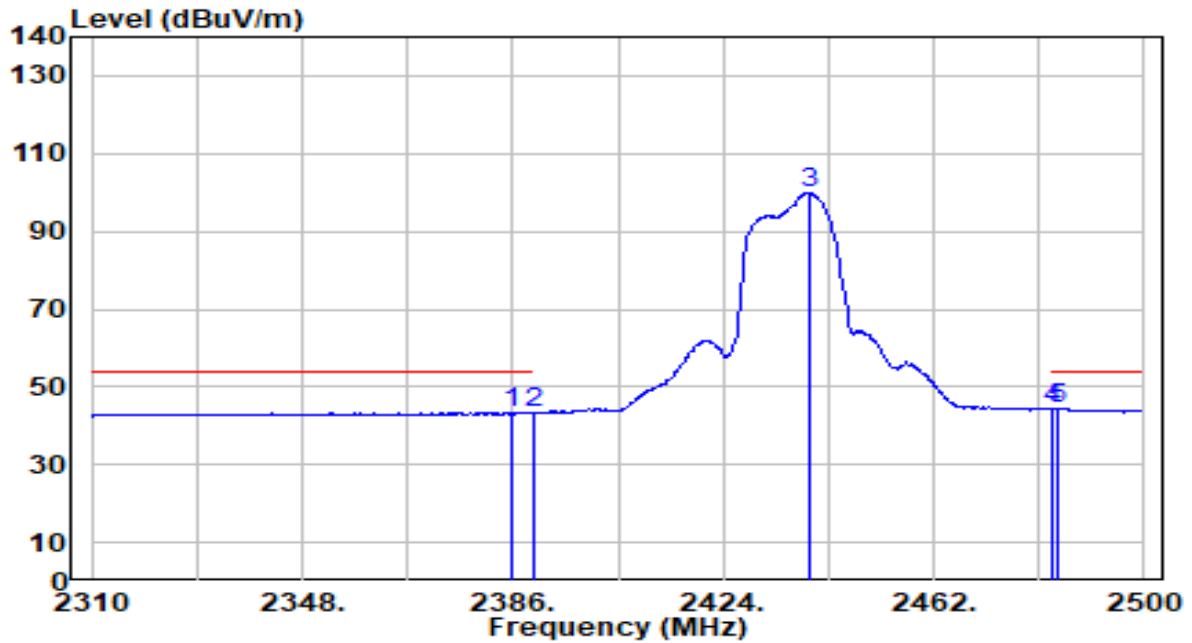


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2386.000	26.53	30.17	56.70	-17.30	74.00	110	221	Peak
2	2390.000	24.92	30.18	55.10	-18.90	74.00	110	221	Peak
3	2439.010	80.12	30.26	110.38	N/A	N/A	110	221	Peak
4	2483.500	25.68	30.32	56.00	-18.00	74.00	110	221	Peak
5	* 2489.740	27.53	30.33	57.86	-16.14	74.00	110	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

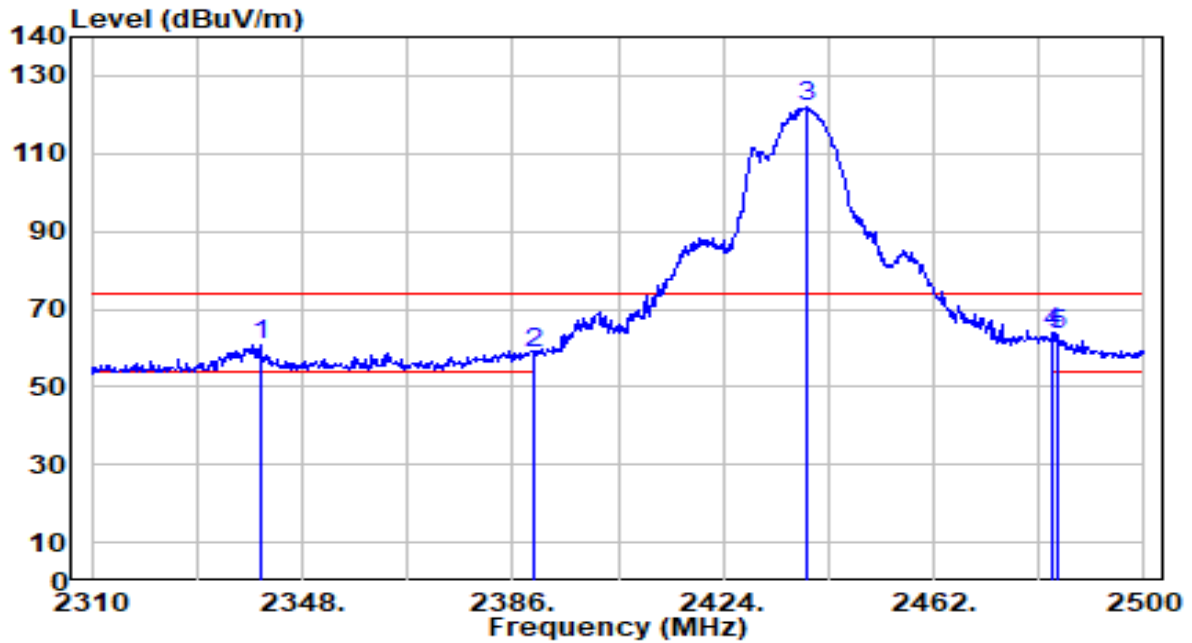


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2386.000	13.23	30.17	43.40	-10.60	54.00	110	221	Average
2	2390.000	13.14	30.18	43.32	-10.68	54.00	110	221	Average
3	2439.390	69.64	30.26	99.90	N/A	N/A	110	221	Average
4	2483.500	14.08	30.32	44.39	-9.61	54.00	110	221	Average
5	* 2484.230	14.20	30.32	44.52	-9.48	54.00	110	221	Average

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

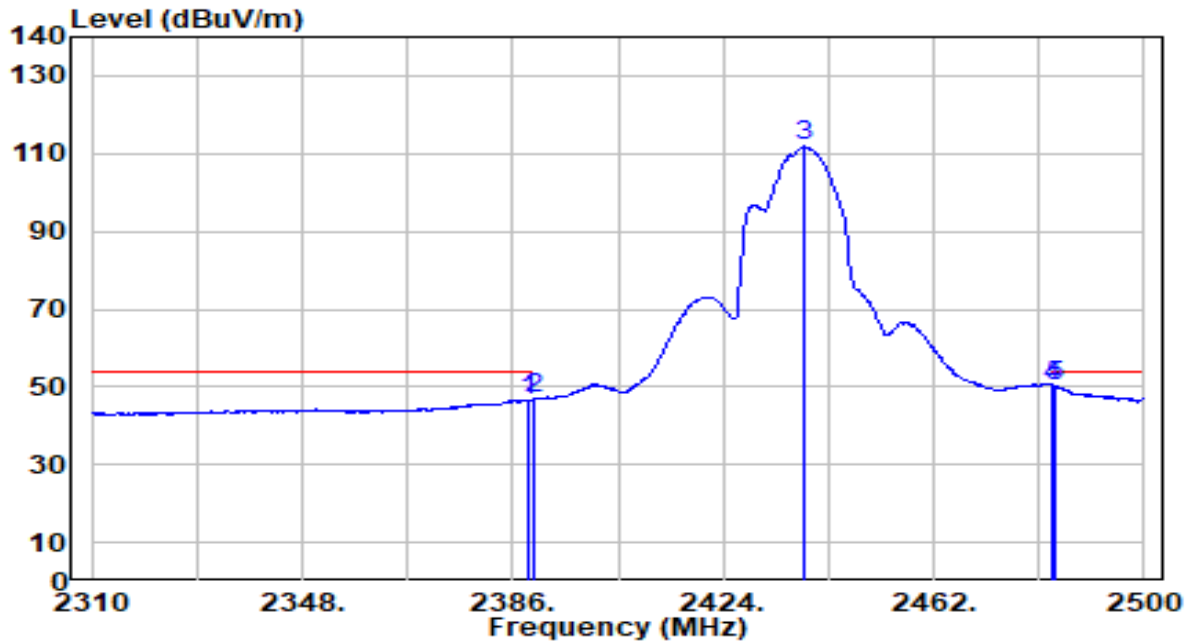


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2340.400	30.53	30.04	60.57	-13.43	74.00	116	195	Peak
2	2390.000	28.37	30.18	58.55	-15.45	74.00	116	195	Peak
3	2439.010	91.73	30.26	121.99	N/A	N/A	116	195	Peak
4	* 2483.500	33.86	30.32	64.17	-9.83	74.00	116	195	Peak
5	2484.230	32.82	30.32	63.14	-10.86	74.00	116	195	Peak

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

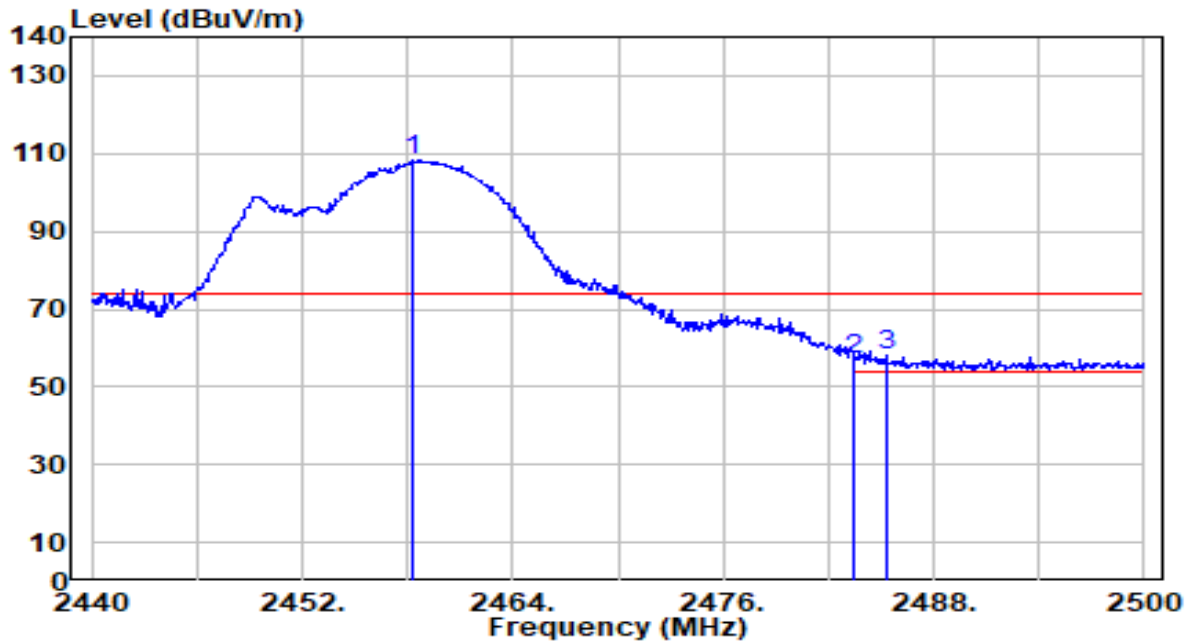


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.660	16.43	30.18	46.60	-7.40	54.00	116	195	Average
2	2390.000	16.62	30.18	46.80	-7.20	54.00	116	195	Average
3	2438.630	81.65	30.26	111.90	N/A	N/A	116	195	Average
4	* 2483.500	20.05	30.32	50.37	-3.63	54.00	116	195	Average
5	2484.040	19.85	30.32	50.17	-3.83	54.00	116	195	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

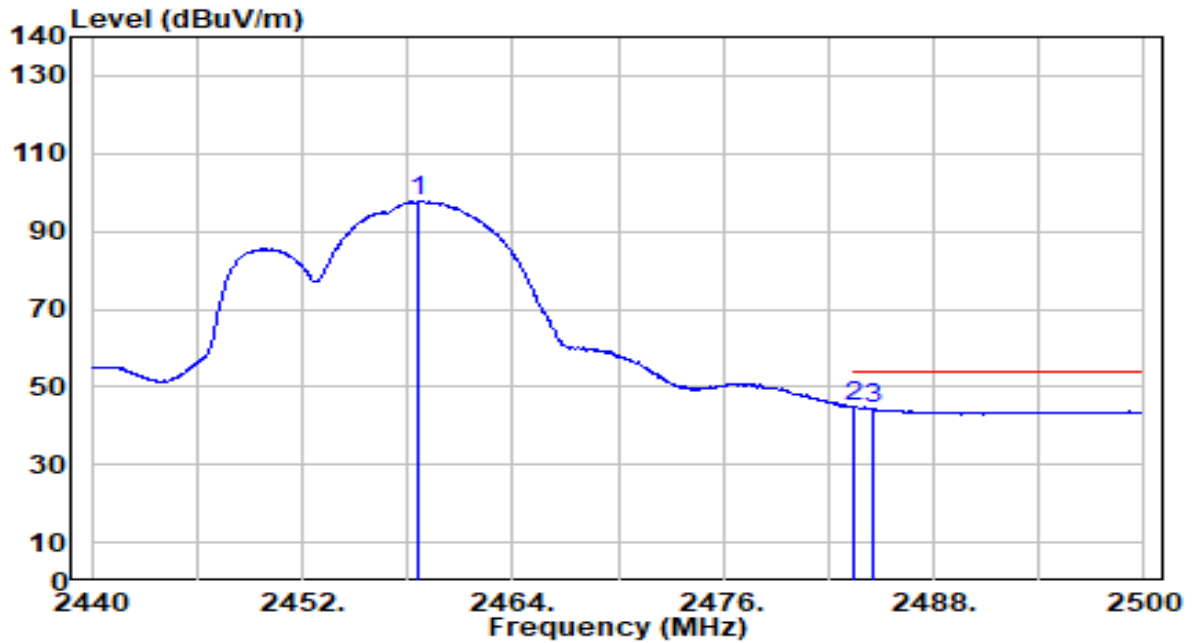


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.240	78.03	30.28	108.31	N/A	N/A	100	324	Peak
2	2483.500	26.68	30.32	57.00	-17.00	74.00	100	324	Peak
3	* 2485.300	27.78	30.32	58.10	-15.90	74.00	100	324	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

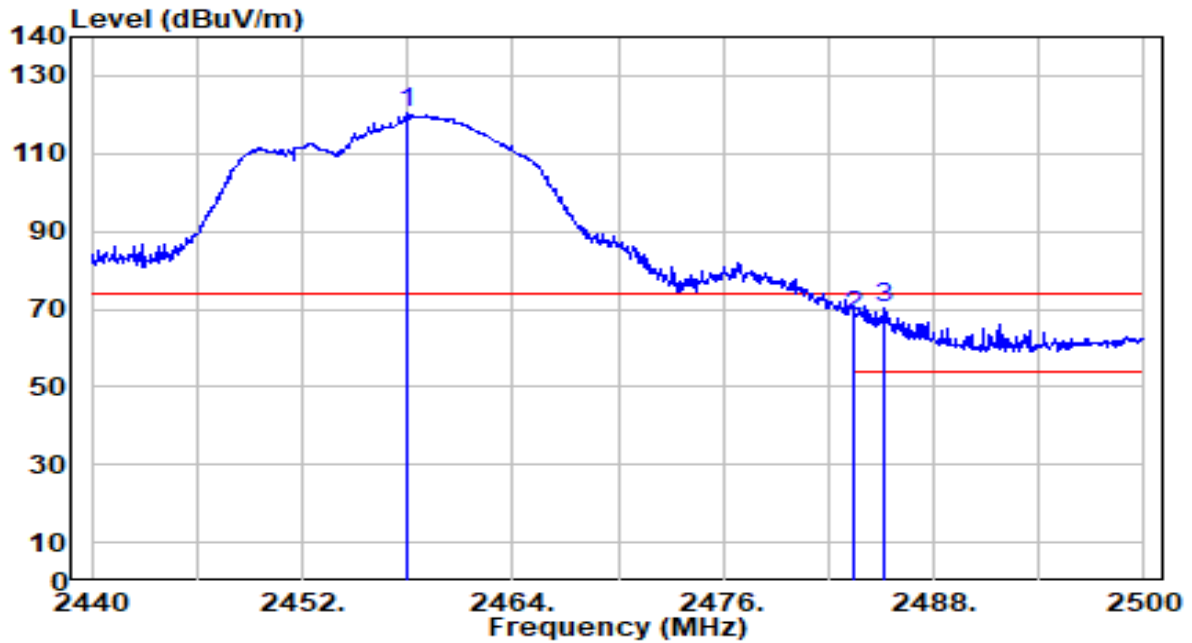


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.660	67.59	30.29	97.88	N/A	N/A	100	324	Average
2	* 2483.500	14.78	30.32	45.10	-8.90	54.00	100	324	Average
3	2484.520	13.90	30.32	44.22	-9.78	54.00	100	324	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

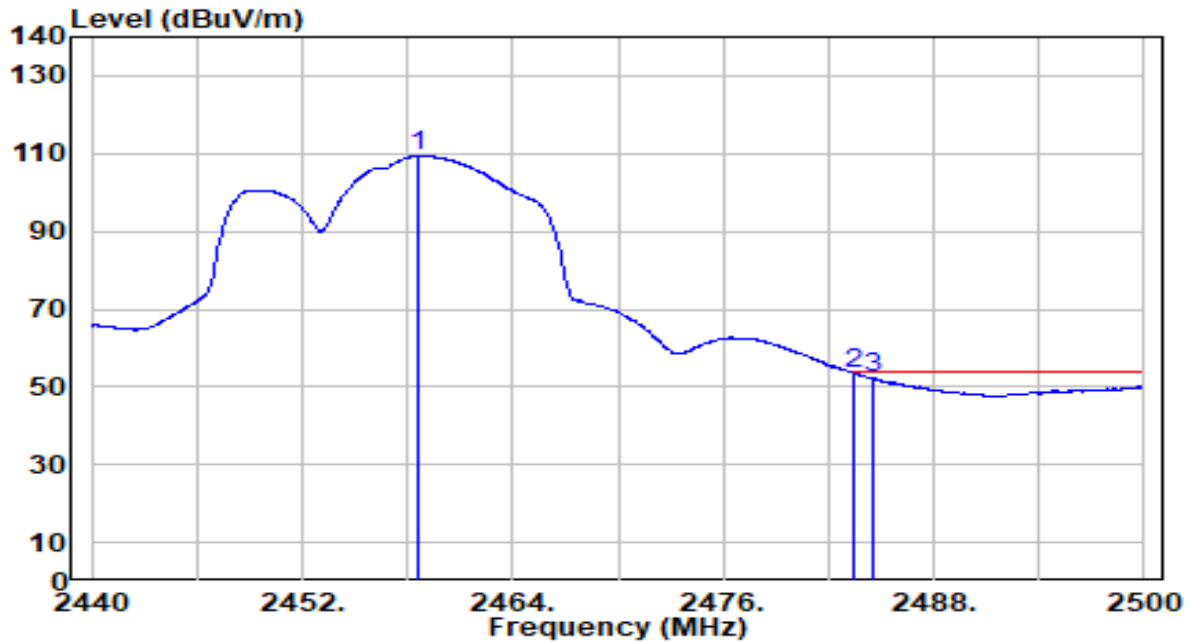


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2457.940	89.91	30.28	120.20	N/A	N/A	169	215	Peak
2	2483.500	37.90	30.32	68.22	-5.78	74.00	169	215	Peak
3	* 2485.240	39.72	30.32	70.04	-3.96	74.00	169	215	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1+2	Test Voltage	AC 120V/60Hz

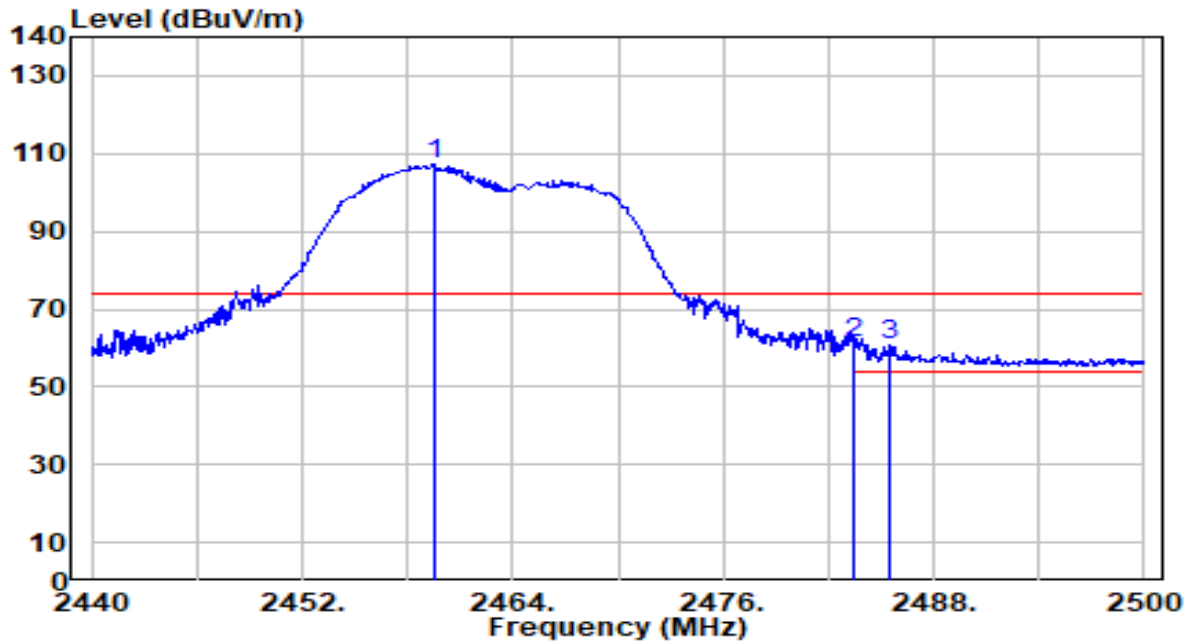


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.600	79.19	30.29	109.47	N/A	N/A	169	215	Average
2	* 2483.500	22.95	30.32	53.27	-0.23	54.00	169	215	Average
3	2484.520	21.78	30.32	52.10	-1.90	54.00	169	215	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

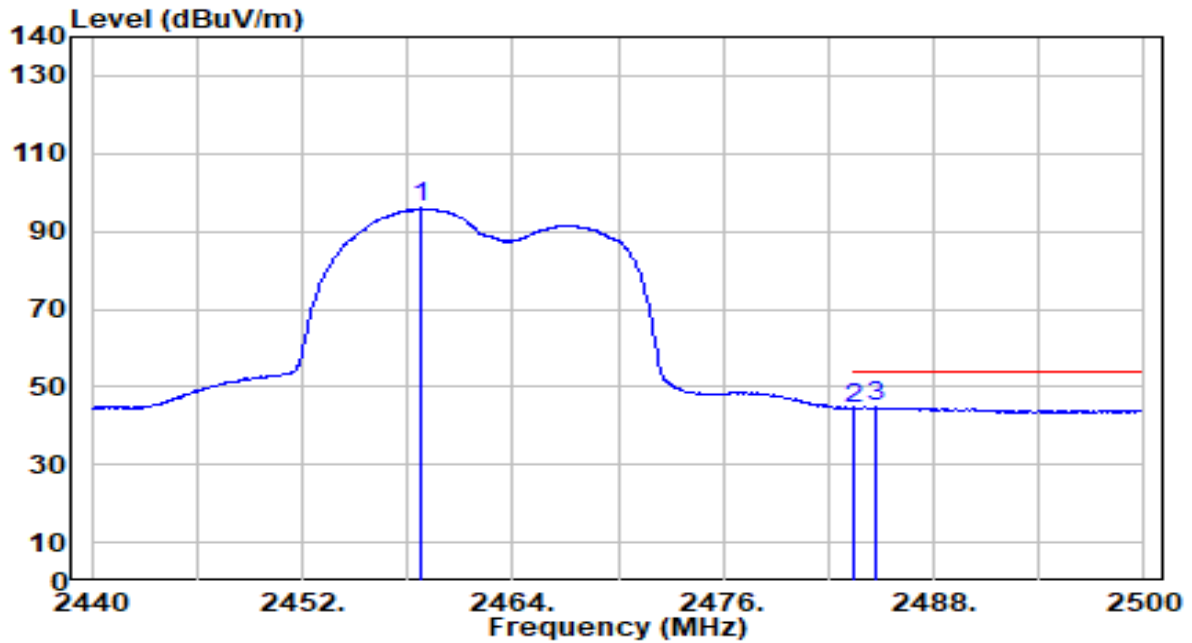


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2459.500	77.07	30.29	107.35	N/A	N/A	162	236	Peak
2	* 2483.500	30.96	30.32	61.27	-12.73	74.00	162	236	Peak
3	2485.420	30.32	30.32	60.64	-13.36	74.00	162	236	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

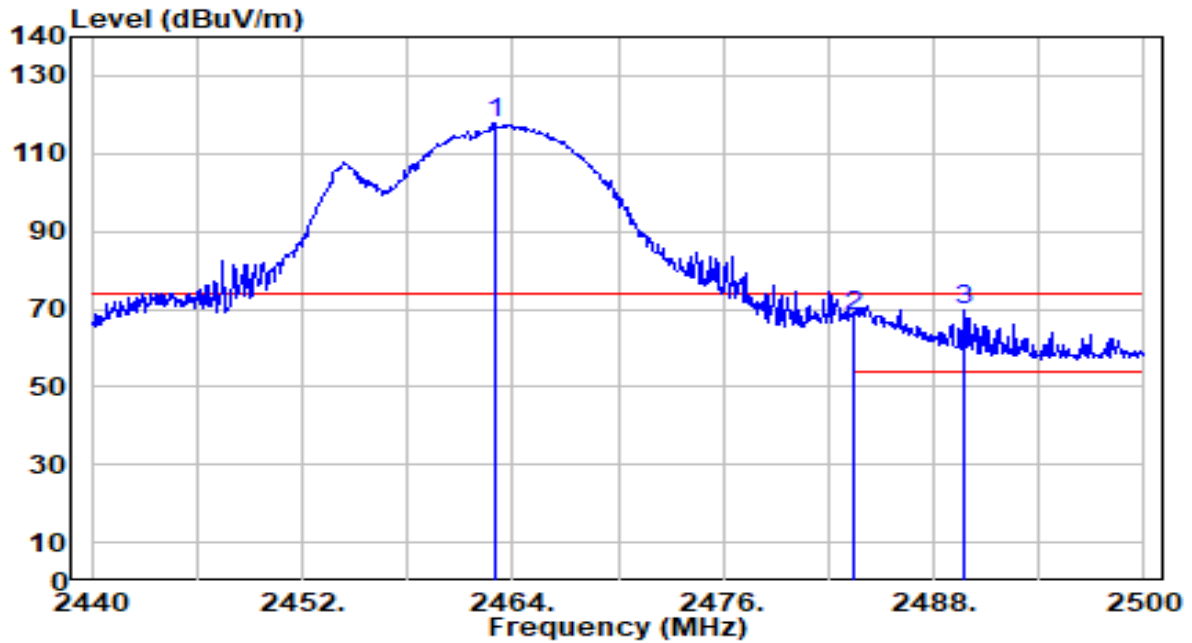


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2458.840	65.64	30.29	95.92	N/A	N/A	162	236	Average
2	2483.500	14.30	30.32	44.62	-9.38	54.00	162	236	Average
3	* 2484.700	14.41	30.32	44.73	-9.27	54.00	162	236	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

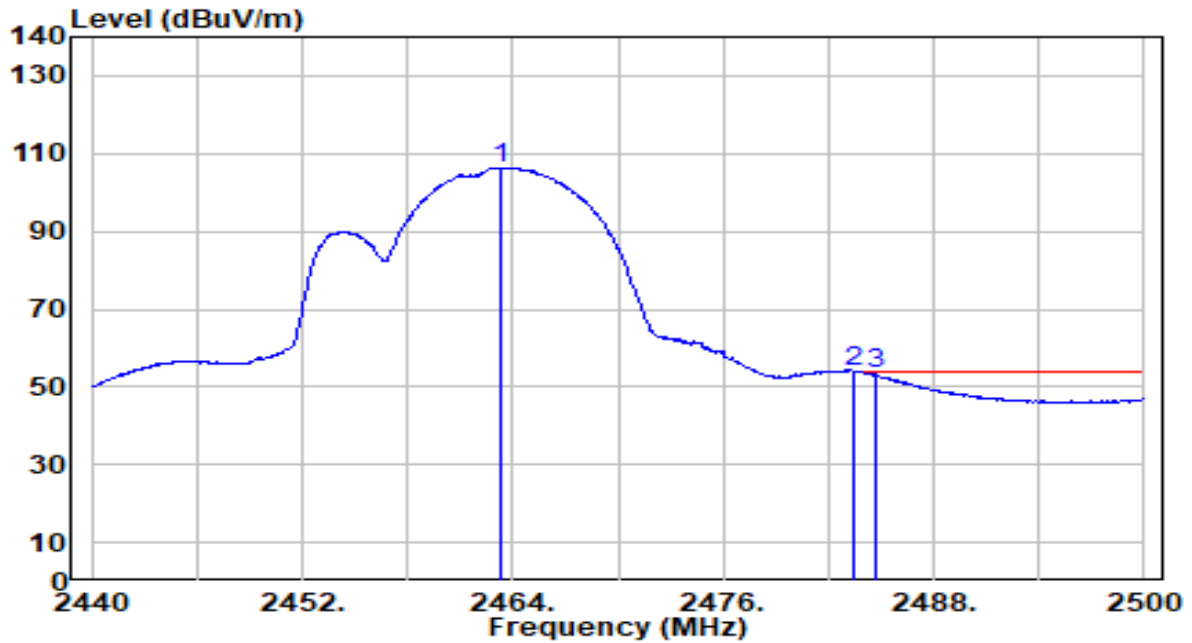


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2462.980	87.32	30.29	117.61	N/A	N/A	164	2	Peak
2	2483.500	37.92	30.32	68.24	-5.76	74.00	164	2	Peak
3	* 2489.800	39.60	30.33	69.92	-4.08	74.00	164	2	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2	Test Voltage	AC 120V/60Hz

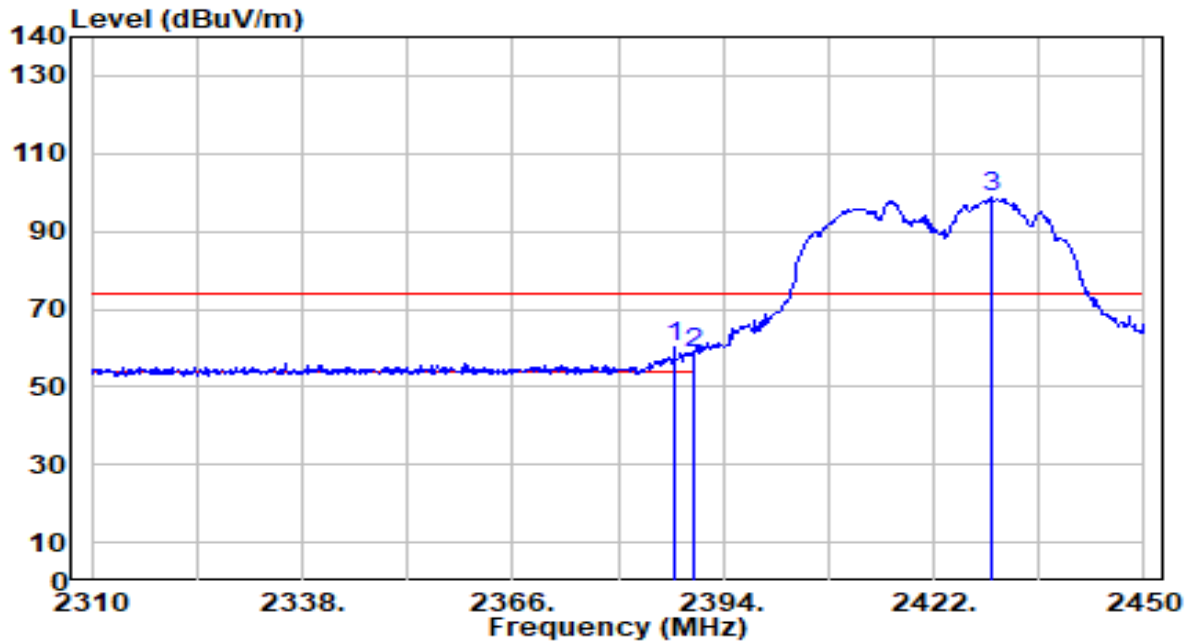


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.280	76.11	30.29	106.41	N/A	N/A	164	2	Average
2	* 2483.500	23.51	30.32	53.83	-0.17	54.00	164	2	Average
3	2484.640	23.04	30.32	53.36	-0.64	54.00	164	2	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

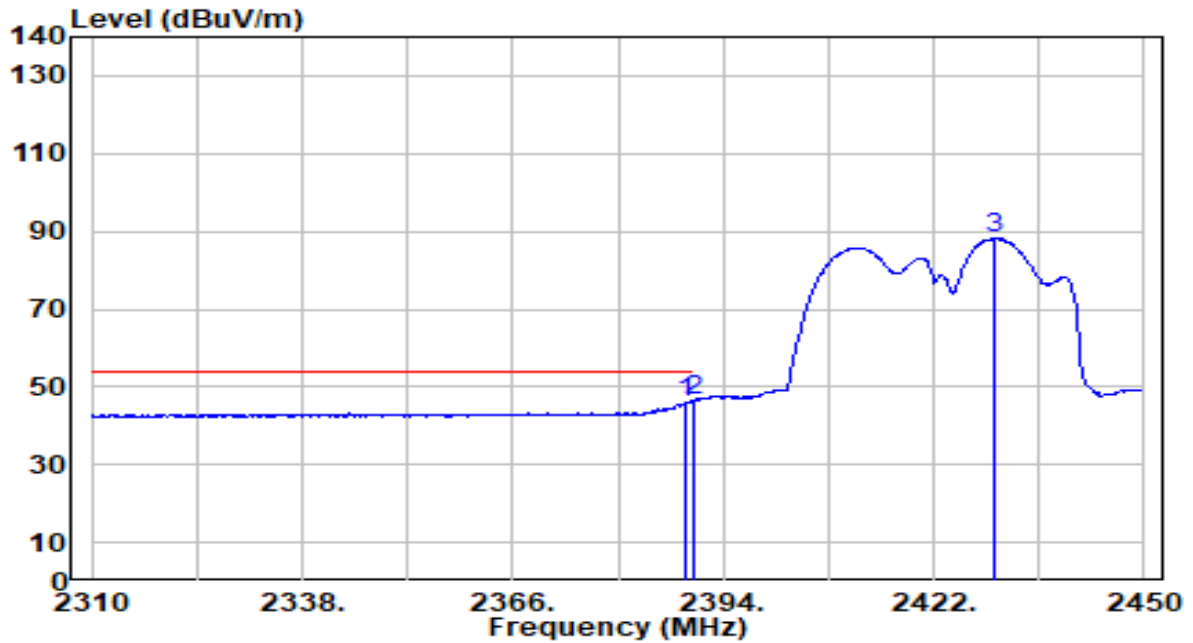


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2387.560	30.30	30.17	60.48	-13.52	74.00	100	222	Peak
2		2390.000	28.28	30.18	58.46	-15.54	74.00	100	222	Peak
3		2429.840	68.74	30.25	98.99	N/A	N/A	100	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

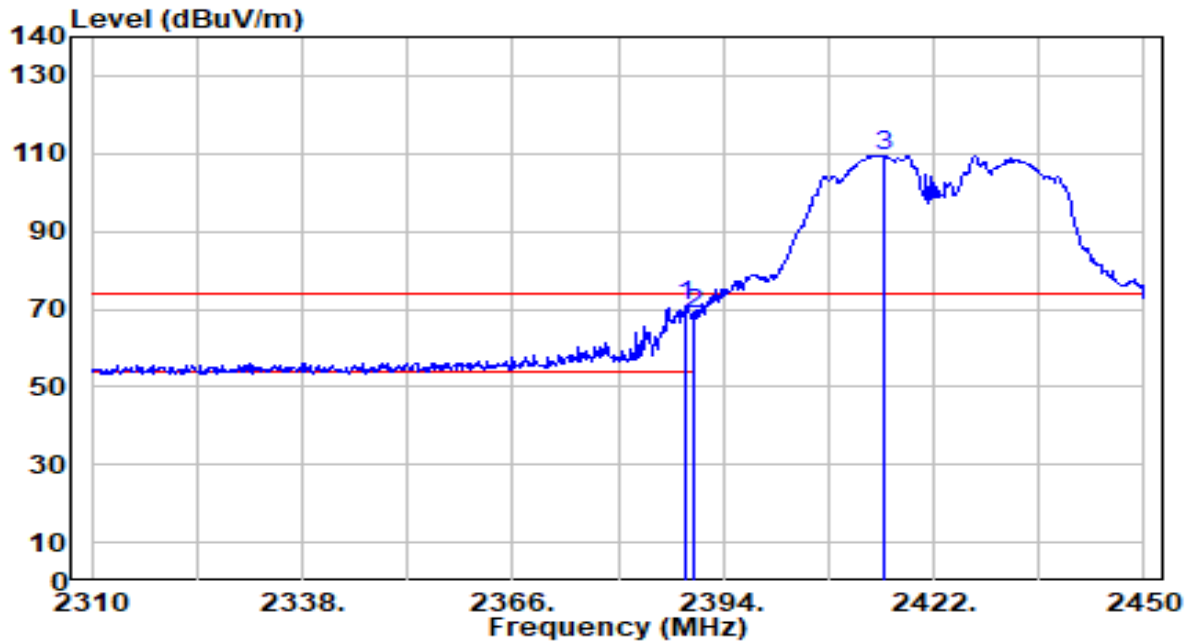


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.820	15.52	30.18	45.70	-8.30	54.00	100	222	Average
2	* 2390.000	16.10	30.18	46.28	-7.72	54.00	100	222	Average
3	2430.120	58.04	30.25	88.29	N/A	N/A	100	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

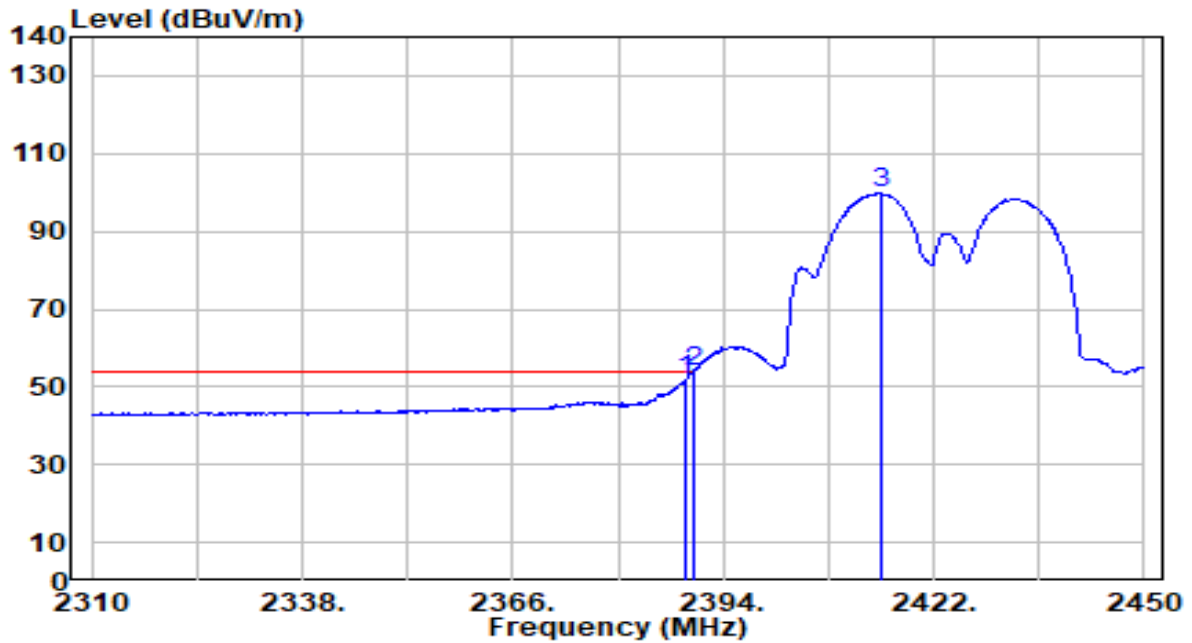


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.960	40.84	30.18	71.02	-2.98	74.00	144	171	Peak
2		2390.000	38.39	30.18	68.57	-5.43	74.00	144	171	Peak
3		2415.280	79.27	30.23	109.50	N/A	N/A	144	171	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2	Test Voltage	AC 120V/60Hz

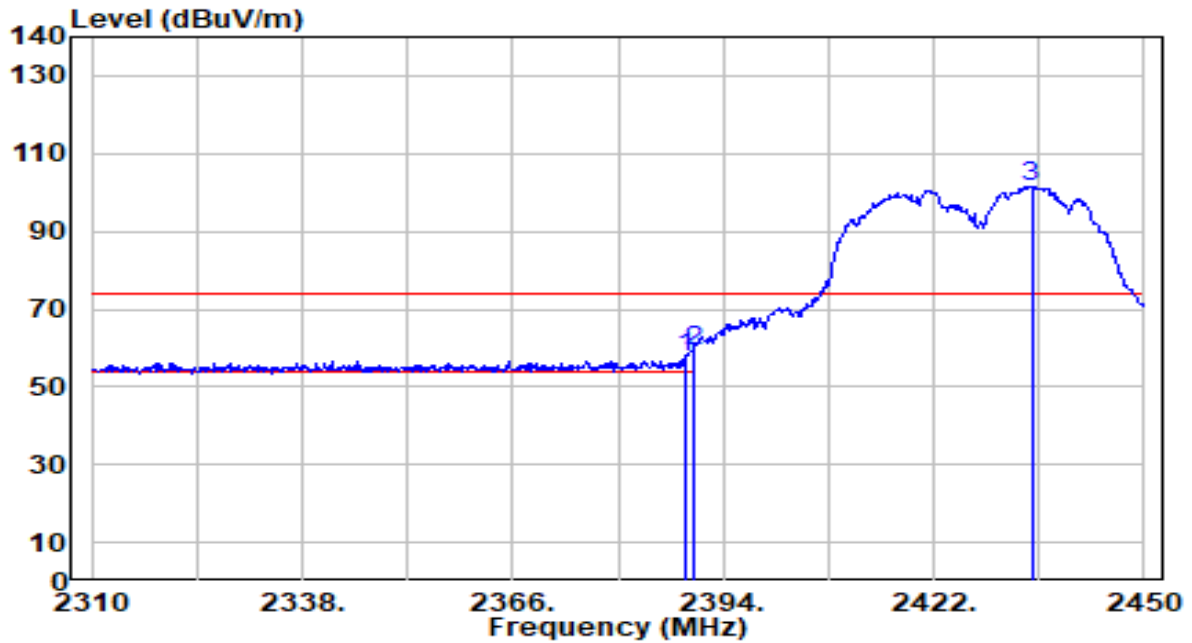


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.960	21.38	30.18	51.55	-2.45	54.00	144	171	Average
2	* 2390.000	23.63	30.18	53.81	-0.19	54.00	144	171	Average
3	2415.000	69.66	30.23	99.89	N/A	N/A	144	171	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 4_ANT 0+1+2	Test Voltage	AC 120V/60Hz

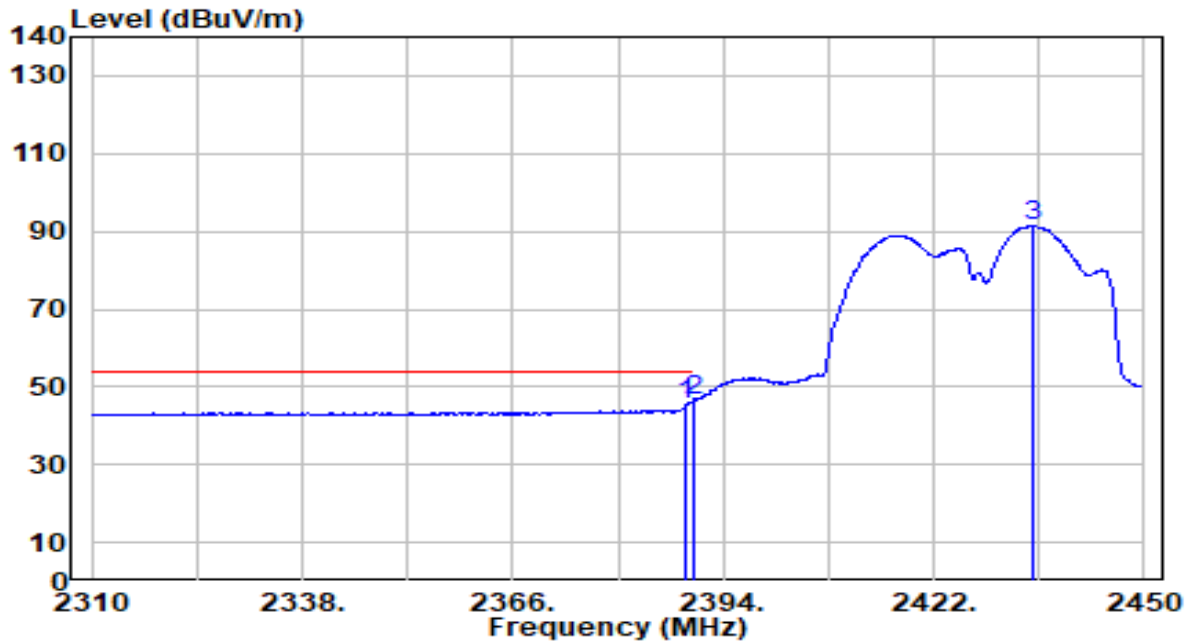


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.960	27.46	30.18	57.64	-16.36	74.00	106	222	Peak
2	* 2390.000	29.04	30.18	59.22	-14.78	74.00	106	222	Peak
3	2435.020	71.24	30.25	101.49	N/A	N/A	106	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 4_ANT 0+1+2	Test Voltage	AC 120V/60Hz

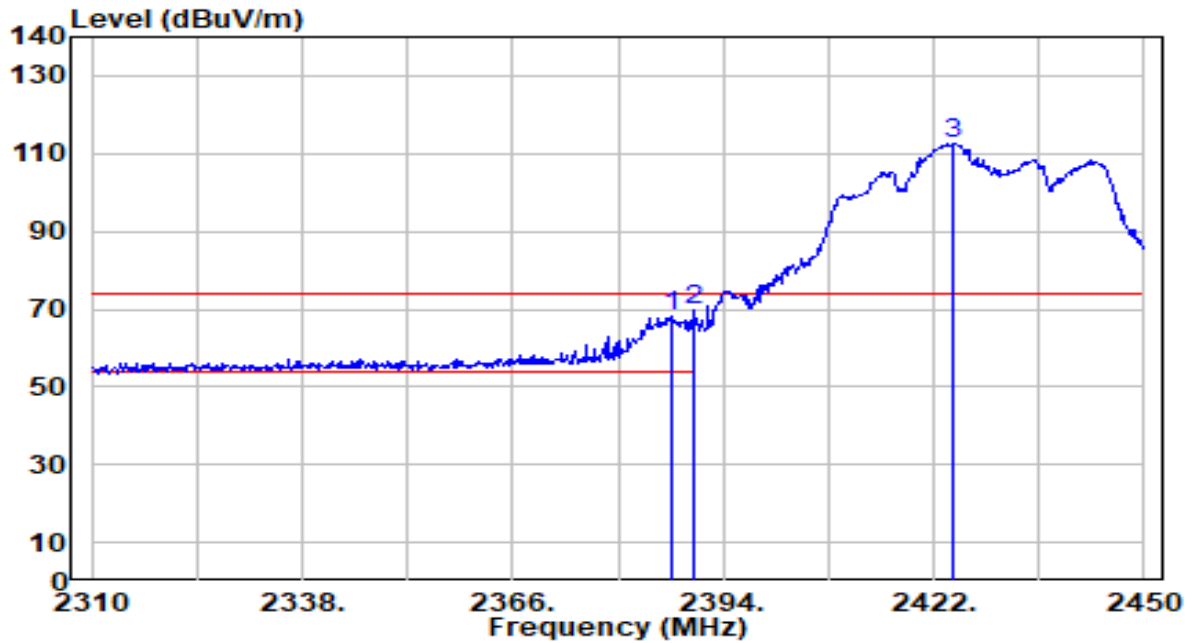


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.960	15.09	30.18	45.27	-8.73	54.00	106	222	Average
2	* 2390.000	16.26	30.18	46.44	-7.56	54.00	106	222	Average
3	2435.300	61.19	30.25	91.45	N/A	N/A	106	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 4_ANT 0+1+2	Test Voltage	AC 120V/60Hz

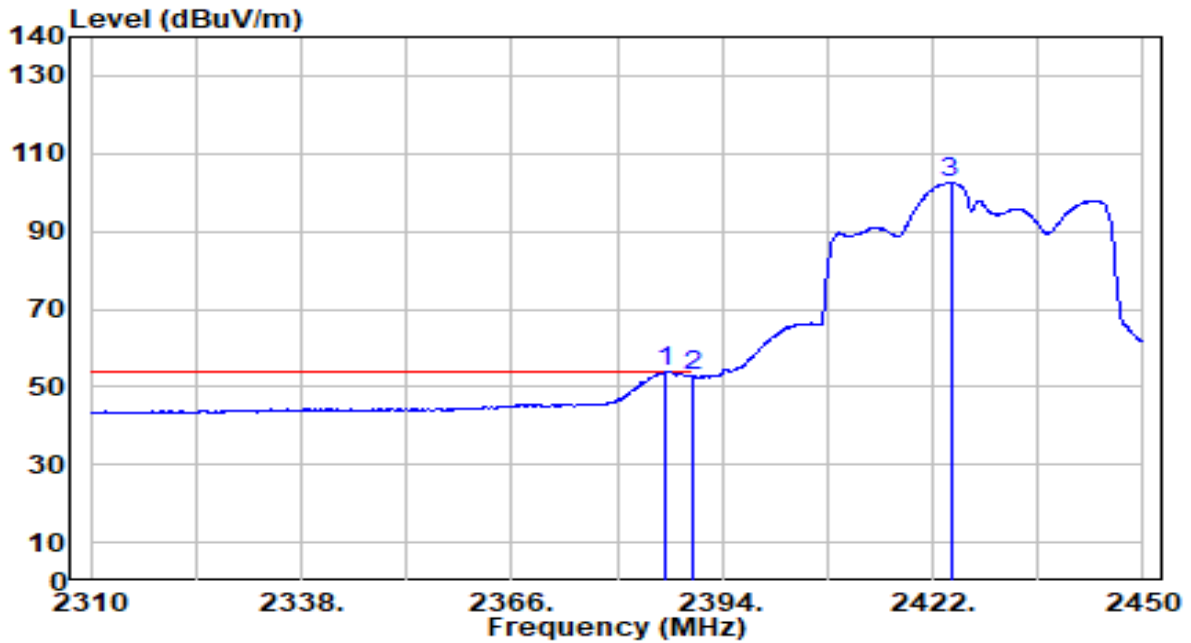


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.280	38.14	30.17	68.32	-5.68	74.00	145	194	Peak
2	* 2390.000	39.44	30.18	69.62	-4.38	74.00	145	194	Peak
3	2424.660	82.14	30.24	112.38	N/A	N/A	145	194	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 4_ANT 0+1+2	Test Voltage	AC 120V/60Hz

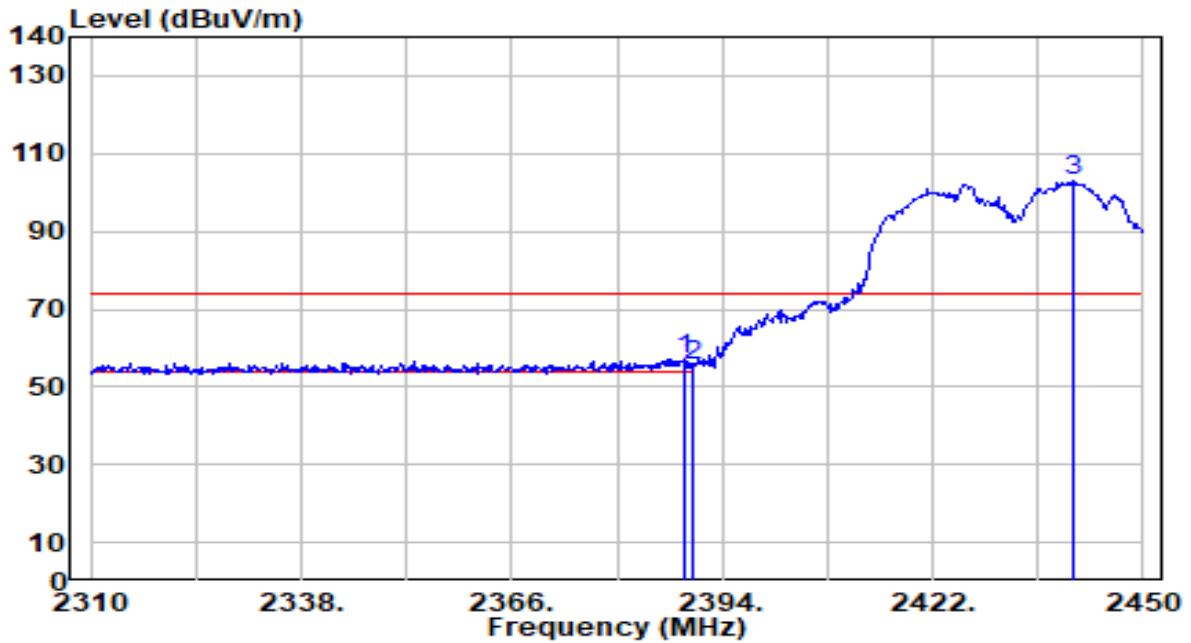


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2386.300	23.65	30.17	53.82	-0.18	54.00	145	194	Average
2		2390.000	22.42	30.18	52.60	-1.40	54.00	145	194	Average
3		2424.380	72.30	30.24	102.54	N/A	N/A	145	194	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 5_ANT 0+1+2	Test Voltage	AC 120V/60Hz

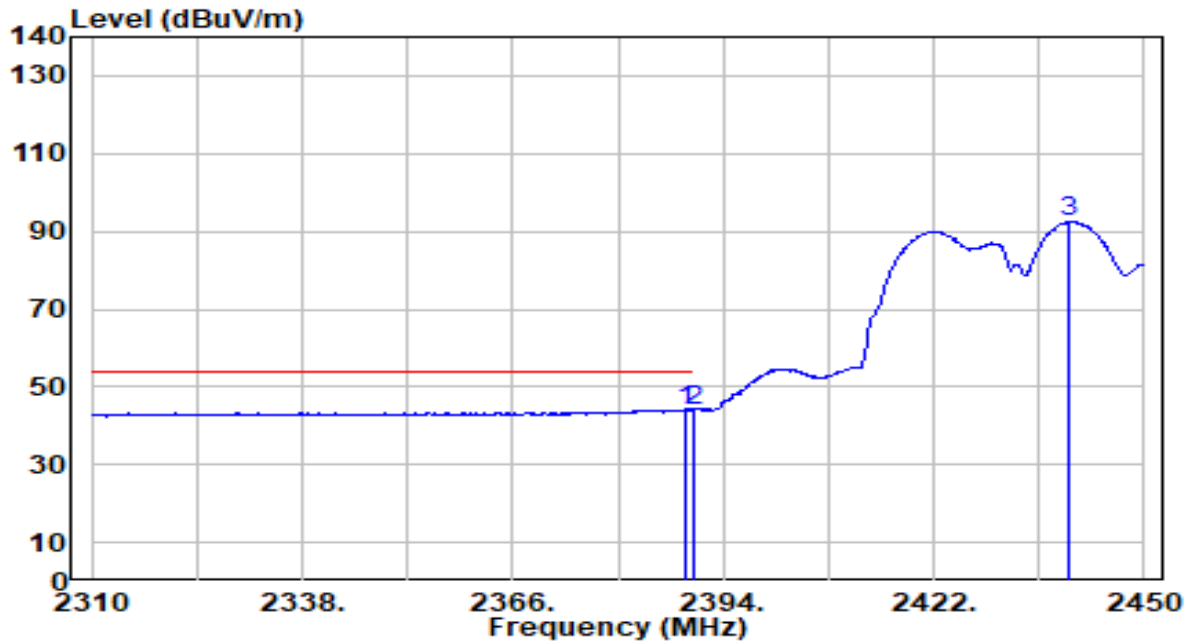


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.820	26.75	30.18	56.93	-17.07	74.00	106	222	Peak
2		2390.000	25.39	30.18	55.57	-18.43	74.00	106	222	Peak
3		2440.760	72.53	30.26	102.79	N/A	N/A	106	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 5_ANT 0+1+2	Test Voltage	AC 120V/60Hz

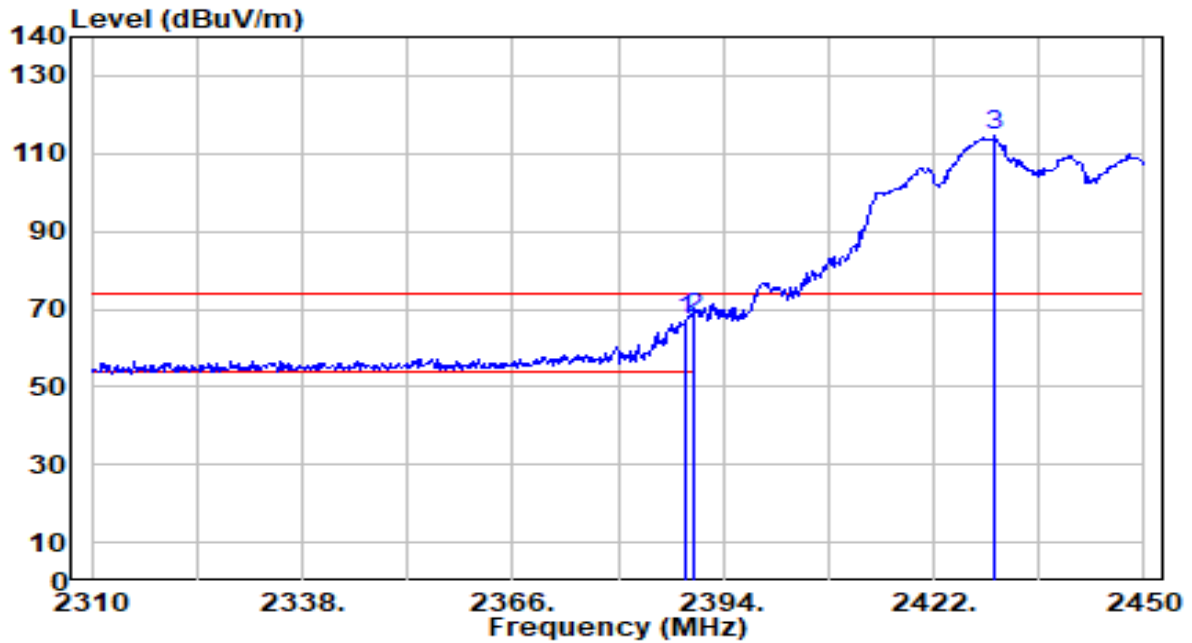


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2388.960	13.88	30.18	44.06	-9.94	54.00	106	222	Average
2		2390.000	13.82	30.18	44.00	-10.00	54.00	106	222	Average
3		2440.060	62.21	30.26	92.47	N/A	N/A	106	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 5_ANT 0+1+2	Test Voltage	AC 120V/60Hz

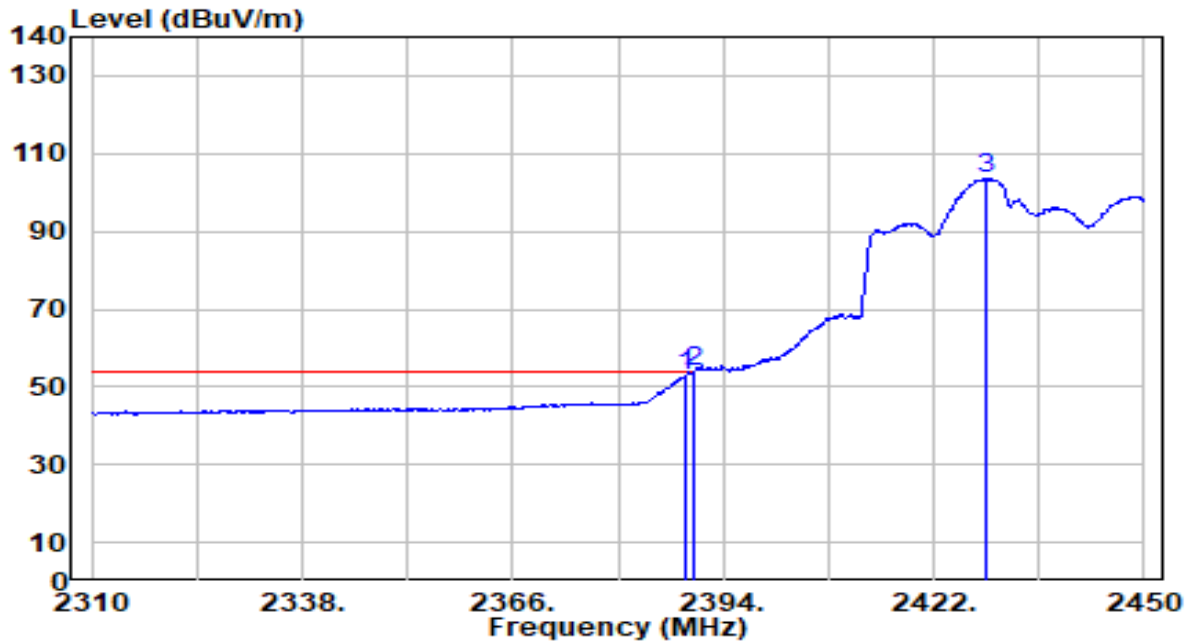


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.960	36.71	30.18	66.89	-7.11	74.00	145	194	Peak
2	* 2390.000	37.52	30.18	67.70	-6.30	74.00	145	194	Peak
3	2430.120	84.15	30.25	114.39	N/A	N/A	145	194	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 5_ANT 0+1+2	Test Voltage	AC 120V/60Hz

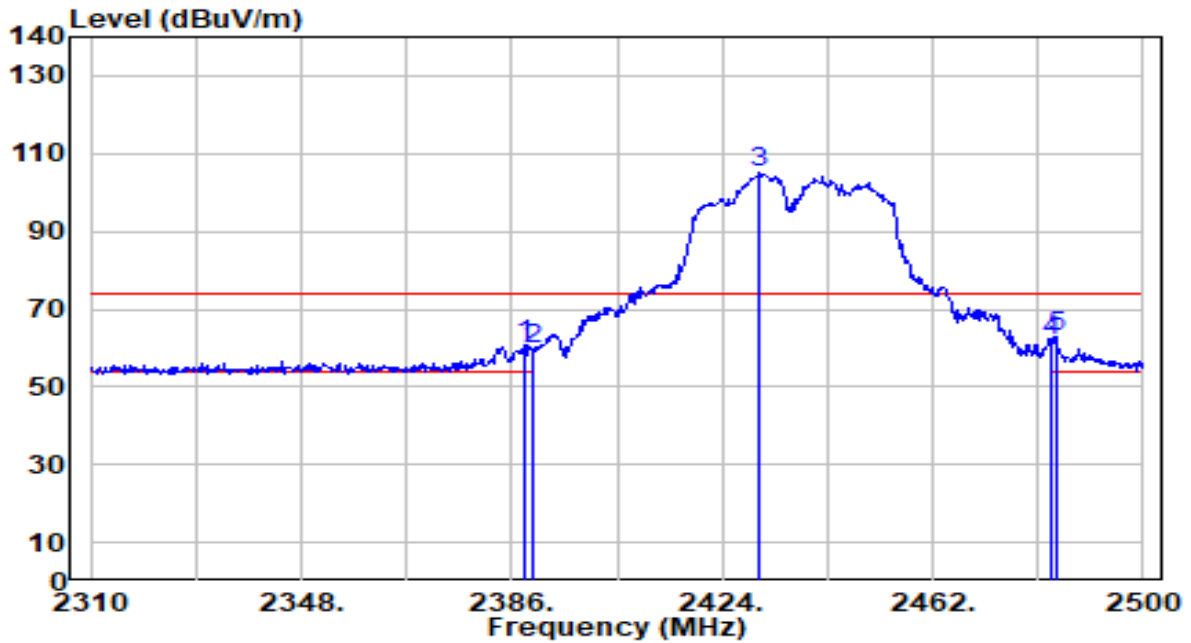


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.960	22.59	30.18	52.77	-1.23	54.00	145	194	Average
2	* 2390.000	23.65	30.18	53.83	-0.17	54.00	145	194	Average
3	2429.000	73.29	30.25	103.53	N/A	N/A	145	194	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

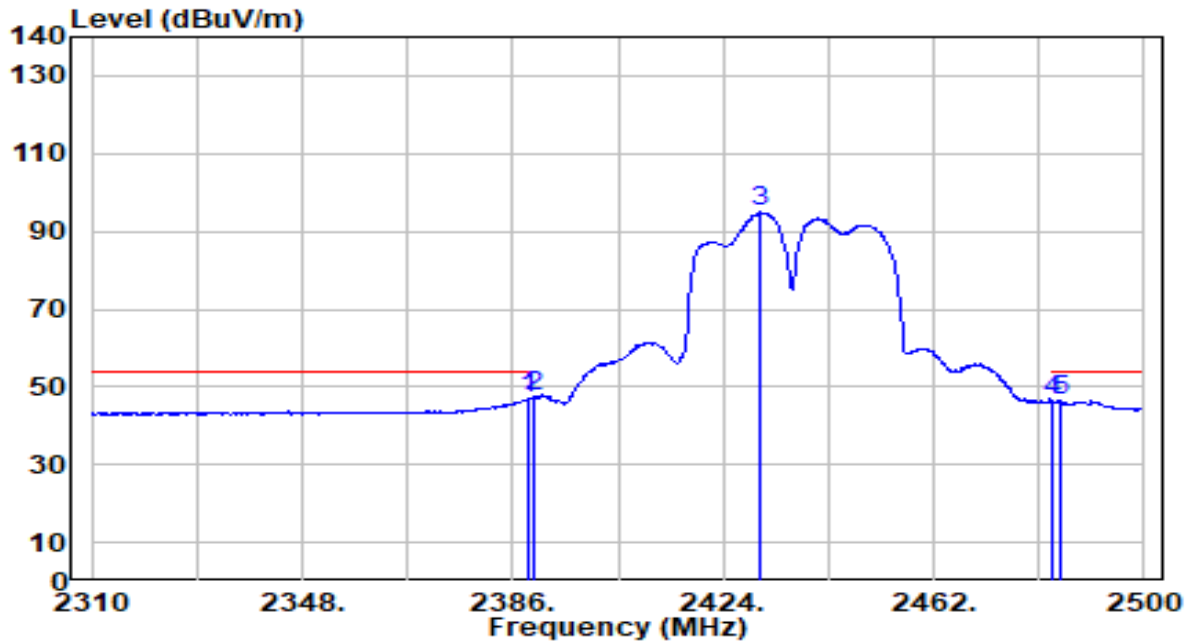


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.280	30.79	30.17	60.97	-13.03	74.00	100	222	Peak
2	2390.000	29.77	30.18	59.95	-14.05	74.00	100	222	Peak
3	2430.650	74.71	30.25	104.96	N/A	N/A	100	222	Peak
4	2483.500	31.36	30.32	61.68	-12.32	74.00	100	222	Peak
5	* 2484.230	32.35	30.32	62.67	-11.33	74.00	100	222	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

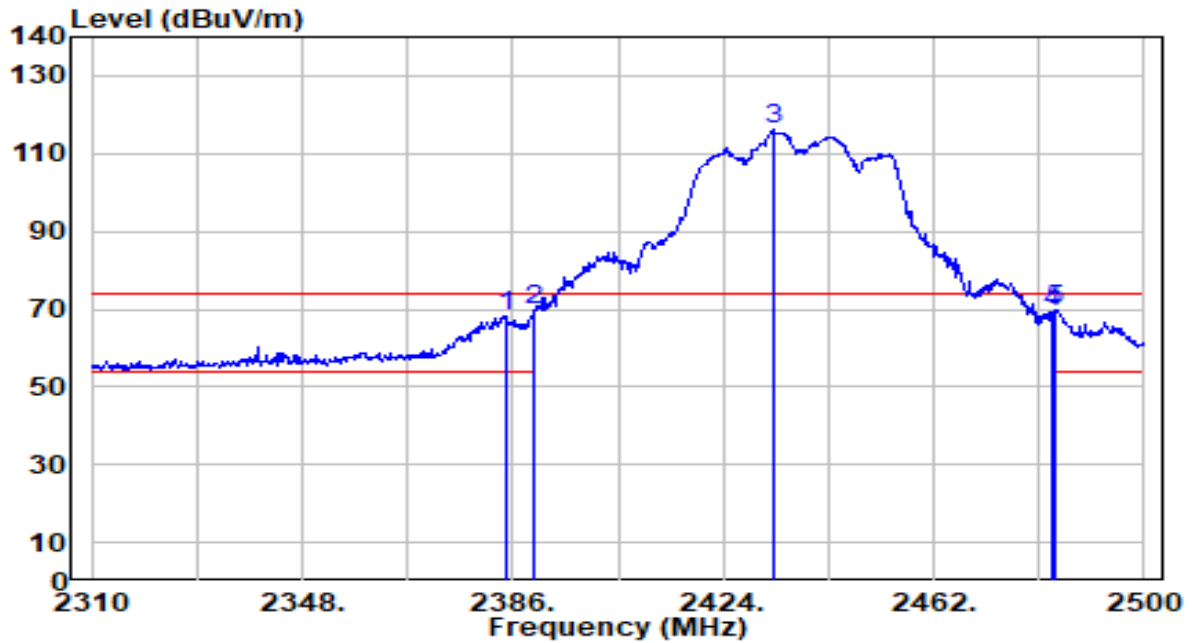


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.850	16.85	30.18	47.03	-6.97	54.00	100	222	Average
2	* 2390.000	17.36	30.18	47.54	-6.46	54.00	100	222	Average
3	2430.840	64.65	30.25	94.90	N/A	N/A	100	222	Average
4	2483.500	16.18	30.32	46.49	-7.51	54.00	100	222	Average
5	2484.800	16.08	30.32	46.40	-7.60	54.00	100	222	Average

Note:

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

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

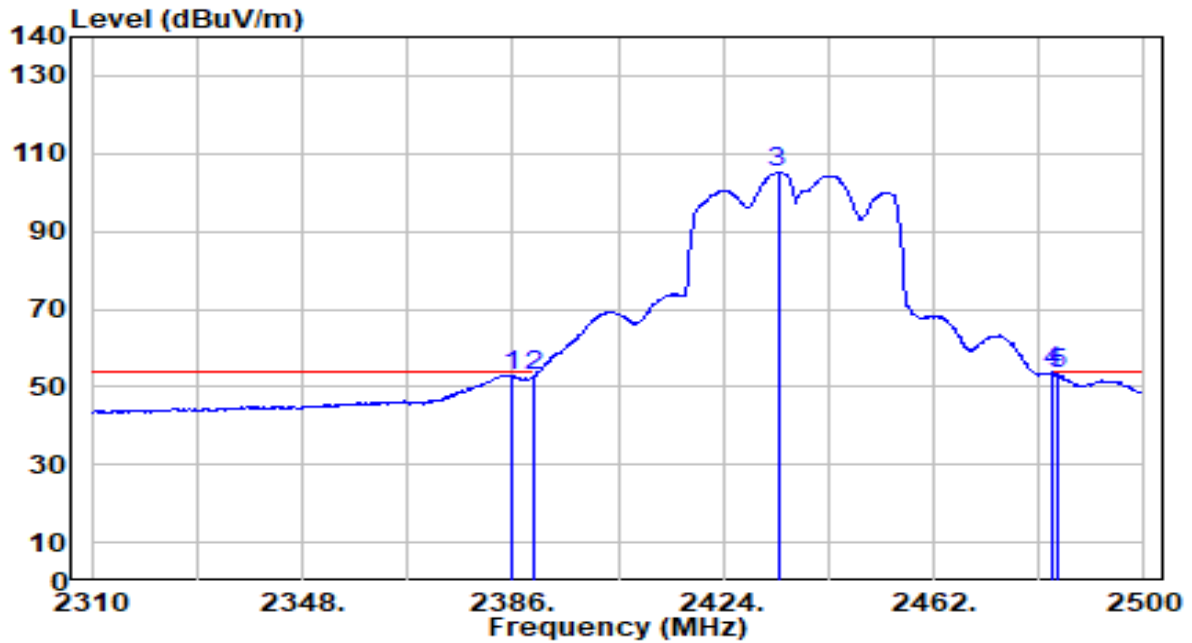


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2384.670	37.86	30.16	68.02	-5.98	74.00	144	171	Peak
2	2390.000	39.48	30.18	69.66	-4.34	74.00	144	171	Peak
3	2433.120	85.76	30.25	116.01	N/A	N/A	144	171	Peak
4	2483.500	39.04	30.32	69.36	-4.64	74.00	144	171	Peak
5	* 2484.040	39.43	30.32	69.75	-4.25	74.00	144	171	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

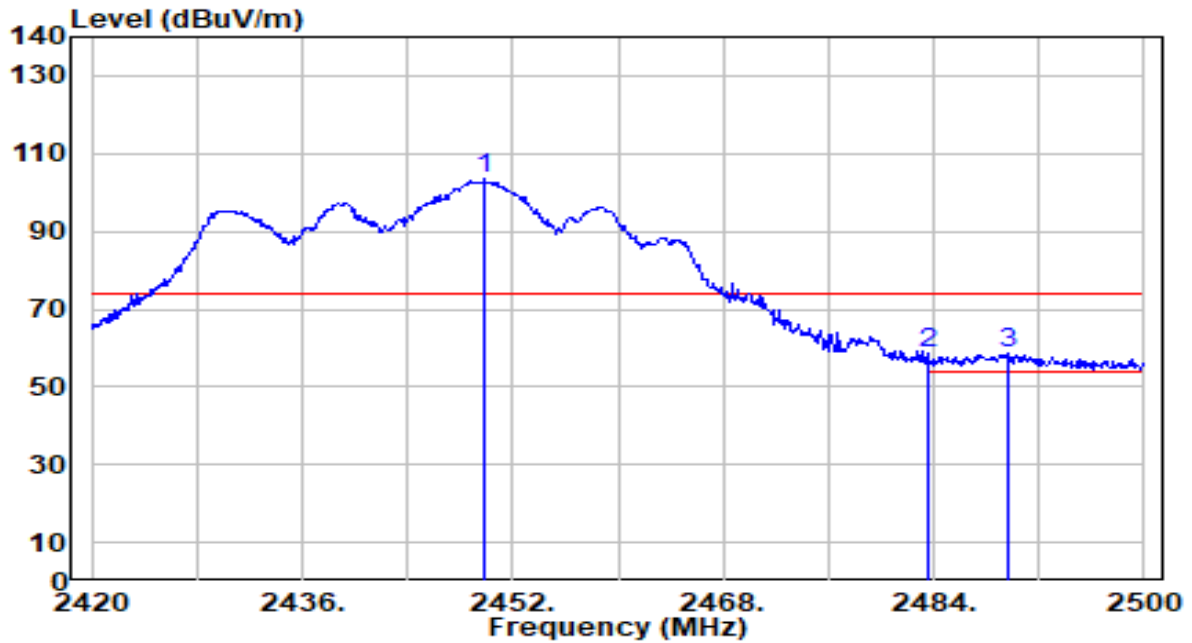


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2385.620	22.92	30.17	53.09	-0.91	54.00	144	171	Average
2	2390.000	22.54	30.18	52.72	-1.28	54.00	144	171	Average
3	2433.880	75.14	30.25	105.39	N/A	N/A	144	171	Average
4	* 2483.500	23.39	30.32	53.71	-0.29	54.00	144	171	Average
5	2484.610	22.85	30.32	53.17	-0.83	54.00	144	171	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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 8_ANT 0+1+2	Test Voltage	AC 120V/60Hz

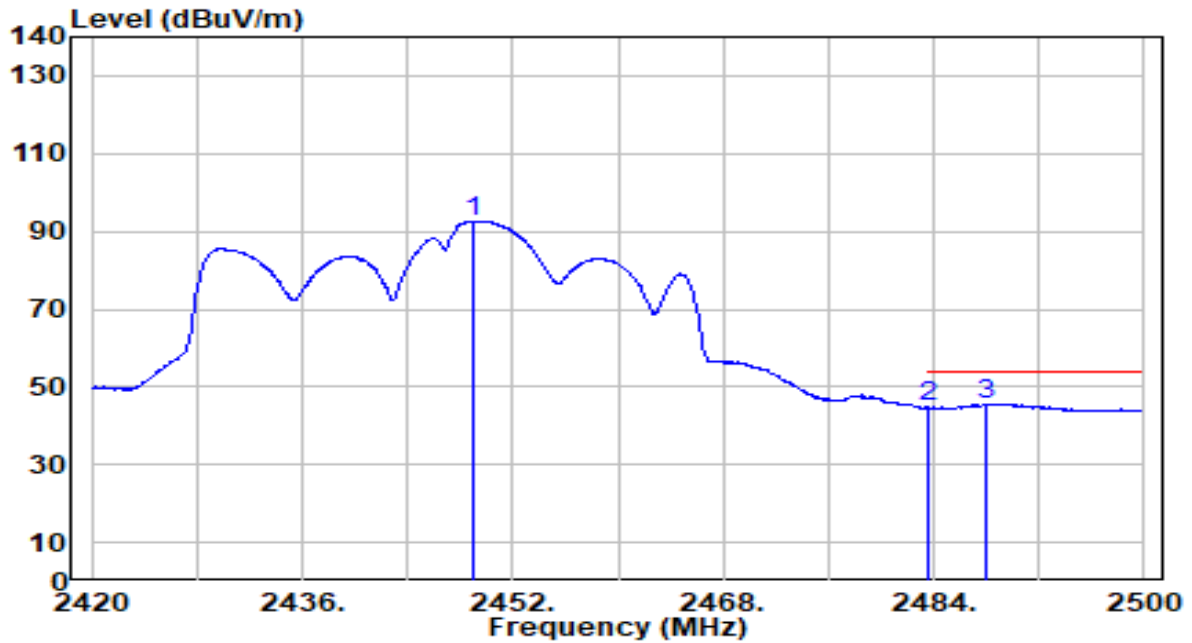


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2449.840	73.09	30.27	103.37	N/A	N/A	100	325	Peak
2	2483.500	28.10	30.32	58.42	-15.58	74.00	100	325	Peak
3	* 2489.680	28.21	30.33	58.54	-15.46	74.00	100	325	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 8_ANT 0+1+2	Test Voltage	AC 120V/60Hz

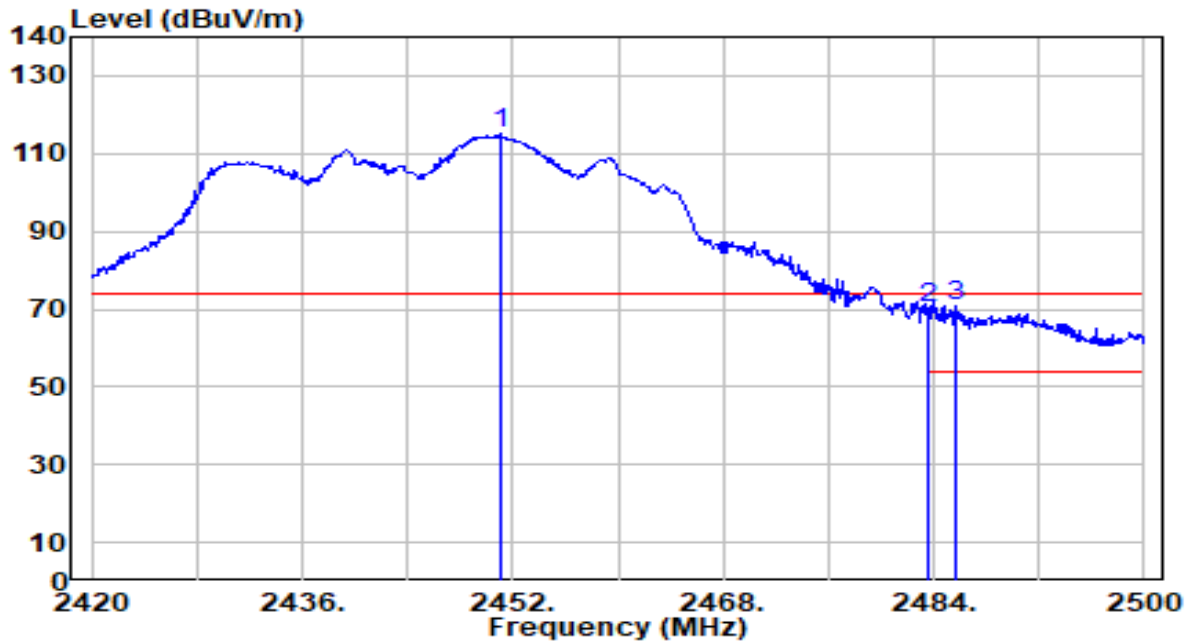


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2448.960	62.43	30.27	92.70	N/A	N/A	100	325	Average
2	2483.500	14.36	30.32	44.68	-9.32	54.00	100	325	Average
3	* 2488.000	15.23	30.32	45.55	-8.45	54.00	100	325	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 8_ANT 0+1+2	Test Voltage	AC 120V/60Hz

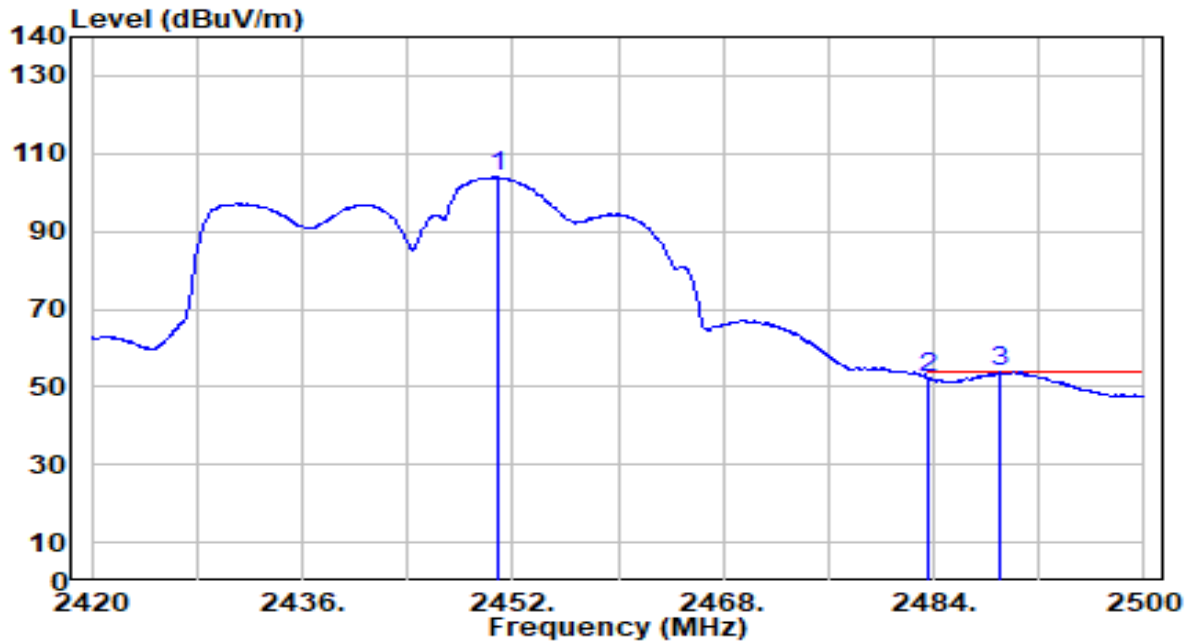


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2451.040	84.68	30.28	114.95	N/A	N/A	200	25	Peak
2	2483.500	39.74	30.32	70.06	-3.94	74.00	200	25	Peak
3	* 2485.600	40.70	30.32	71.02	-2.98	74.00	200	25	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 8_ANT 0+1+2	Test Voltage	AC 120V/60Hz

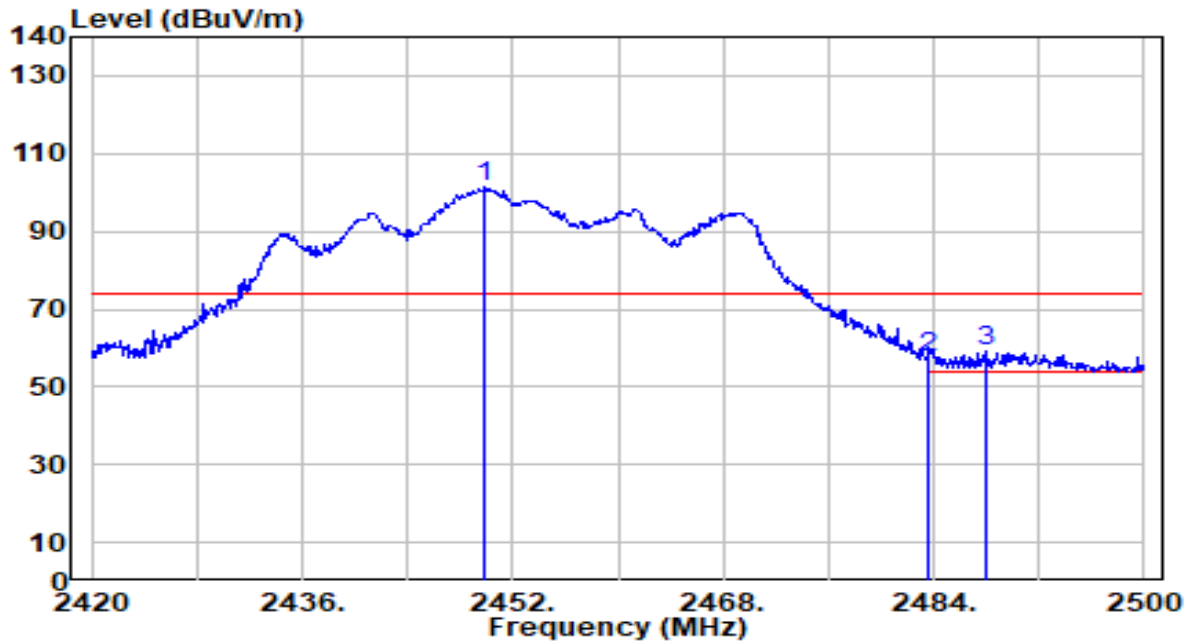


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.800	73.90	30.28	104.17	N/A	N/A	200	25	Average
2	2483.500	21.90	30.32	52.22	-1.78	54.00	200	25	Average
3	* 2489.120	23.52	30.33	53.85	-0.15	54.00	200	25	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	Test Voltage	AC 120V/60Hz

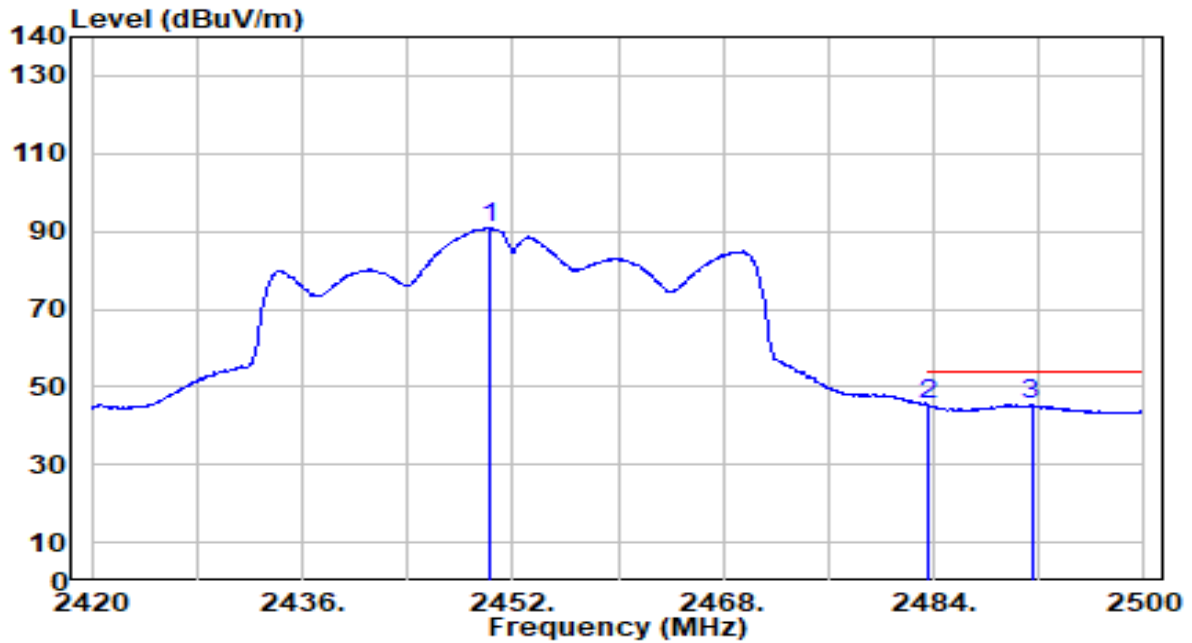


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2449.920	70.99	30.27	101.27	N/A	N/A	112	222	Peak
2	2483.500	27.05	30.32	57.37	-16.63	74.00	112	222	Peak
3	* 2487.920	29.03	30.32	59.35	-14.65	74.00	112	222	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	Test Voltage	AC 120V/60Hz

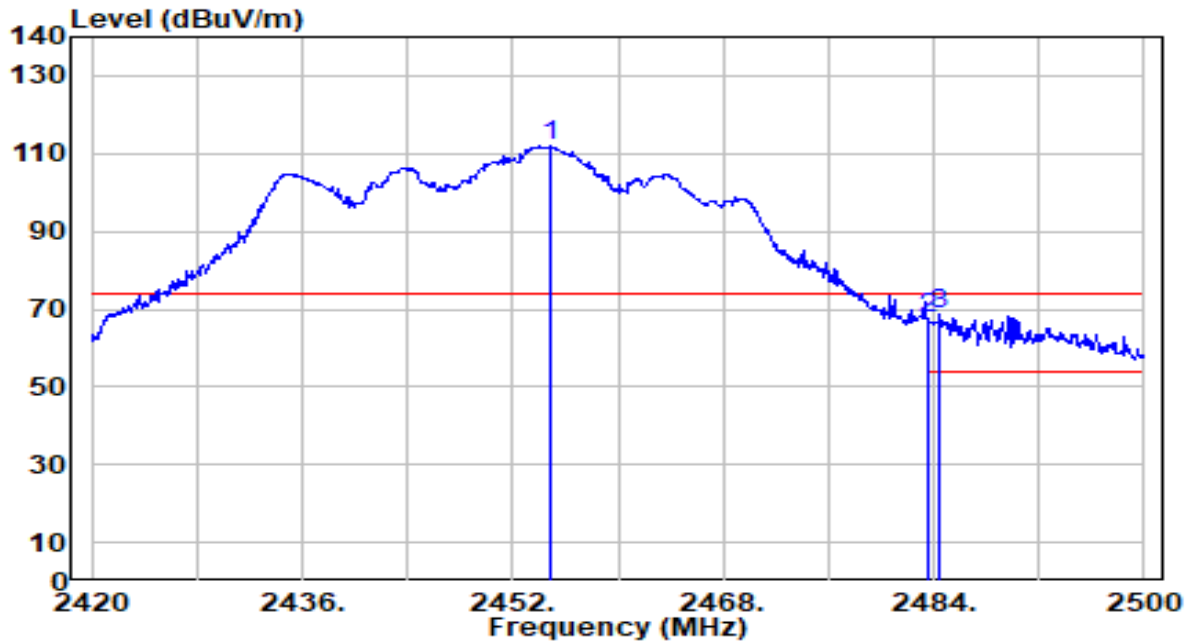


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.160	60.47	30.27	90.74	N/A	N/A	112	222	Average
2	* 2483.500	15.26	30.32	45.58	-8.42	54.00	112	222	Average
3	2491.440	15.06	30.33	45.38	-8.62	54.00	112	222	Average

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	Test Voltage	AC 120V/60Hz

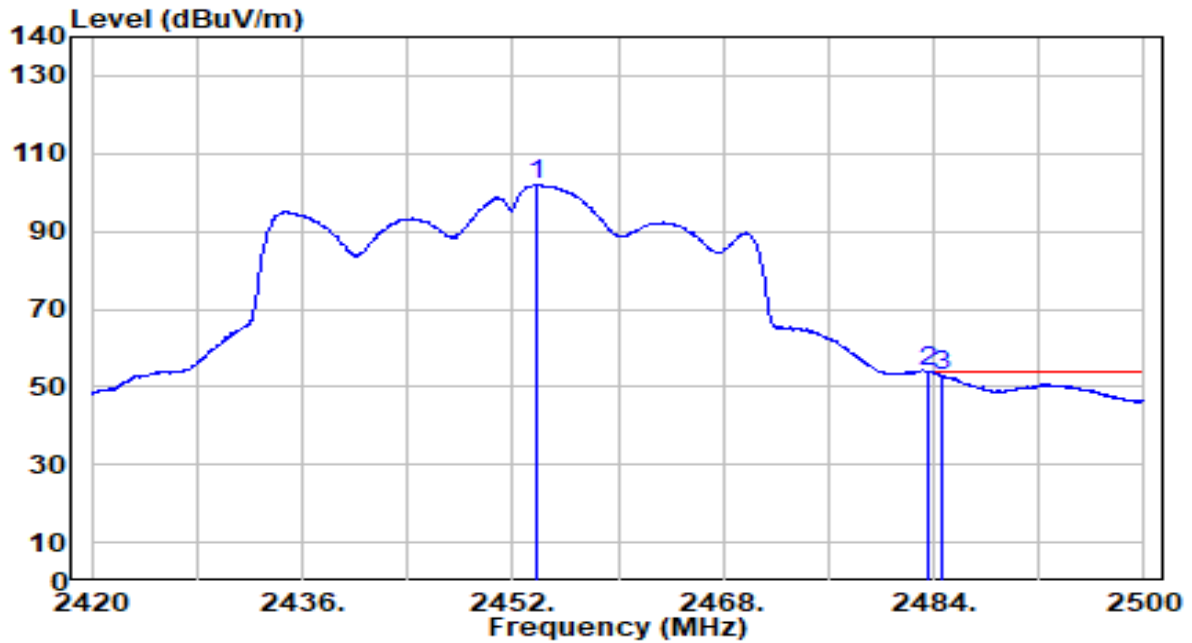


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2454.960	81.57	30.28	111.85	N/A	N/A	200	167	Peak
2	2483.500	37.42	30.32	67.74	-6.26	74.00	200	167	Peak
3	* 2484.480	38.15	30.32	68.47	-5.53	74.00	200	167	Peak

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	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2	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	2453.760	71.72	30.28	102.00	N/A	N/A	200	167	Average
2	* 2483.500	23.54	30.32	53.86	-0.14	54.00	200	167	Average
3	2484.640	22.68	30.32	53.00	-1.00	54.00	200	167	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

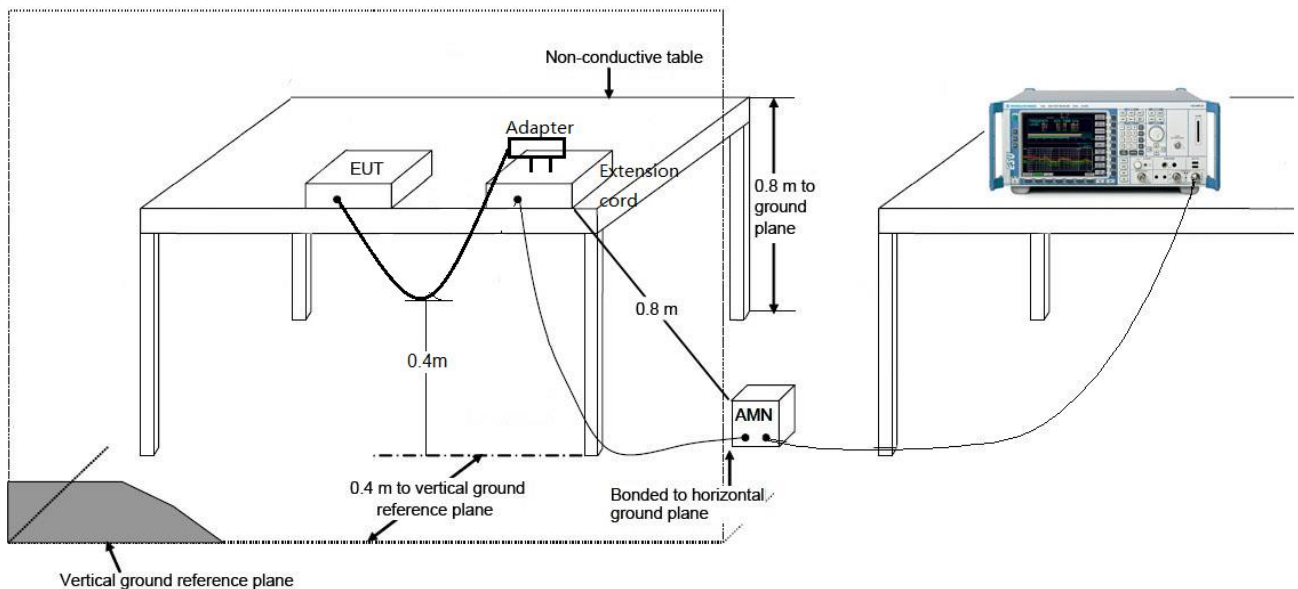
7.8.1. Test Limit

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.

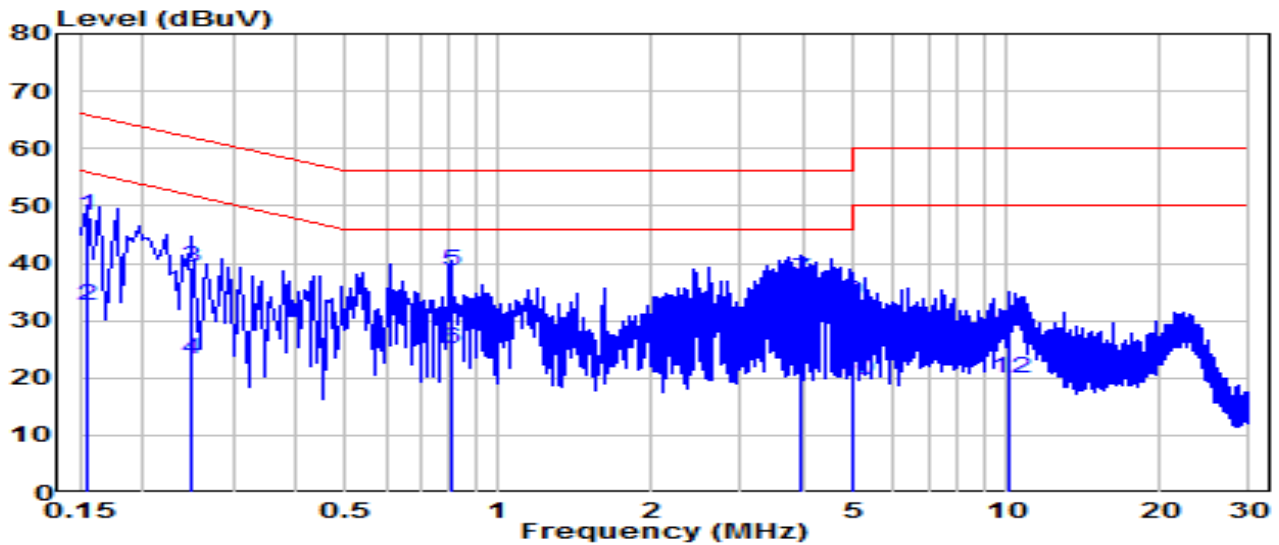
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

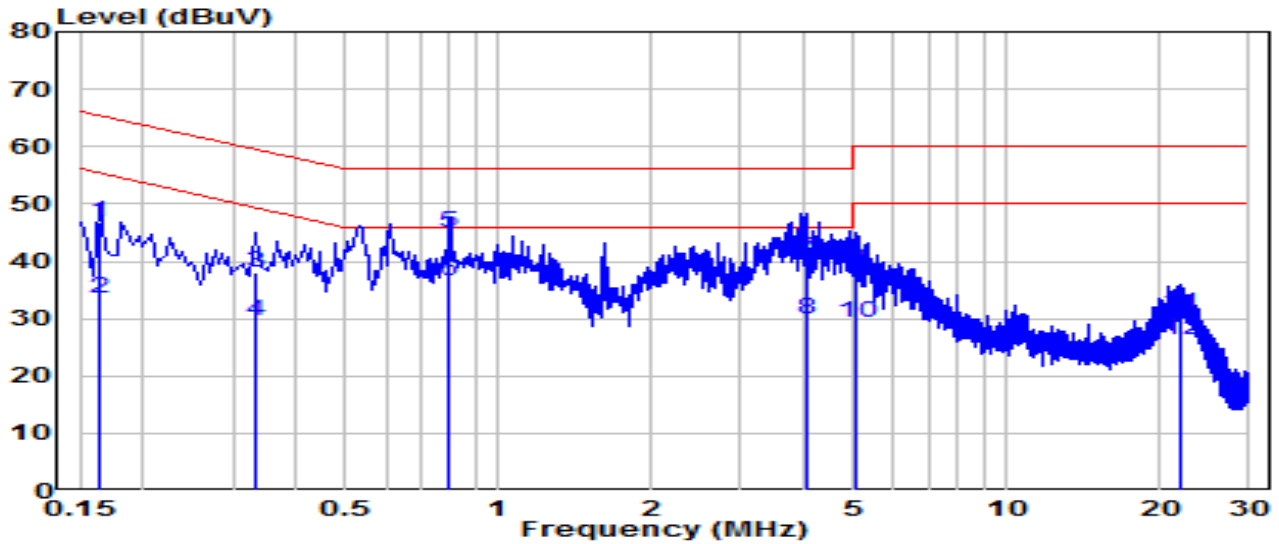


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV)	Margin (dB)	Limit (dBUV)	Remark (QP/PK/AV)
1	* 0.154	38.72	9.62	48.34	-17.42	65.75	QP
2	* 0.154	23.11	9.62	32.73	-23.03	55.75	Average
3	0.249	29.56	9.63	39.18	-22.61	61.79	QP
4	0.249	13.54	9.63	23.17	-28.62	51.79	Average
5	0.807	28.84	9.66	38.50	-17.50	56.00	QP
6	0.807	15.40	9.66	25.06	-20.94	46.00	Average
7	3.912	27.41	9.73	37.14	-18.86	56.00	QP
8	3.912	11.89	9.73	21.61	-24.39	46.00	Average
9	5.010	23.45	9.75	33.19	-26.81	60.00	QP
10	5.010	9.92	9.75	19.66	-30.34	50.00	Average
11	10.067	17.73	9.86	27.59	-32.41	60.00	QP
12	10.067	10.03	9.86	19.89	-30.11	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	Router	Date of Test	2023-09-25
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 120V/60Hz

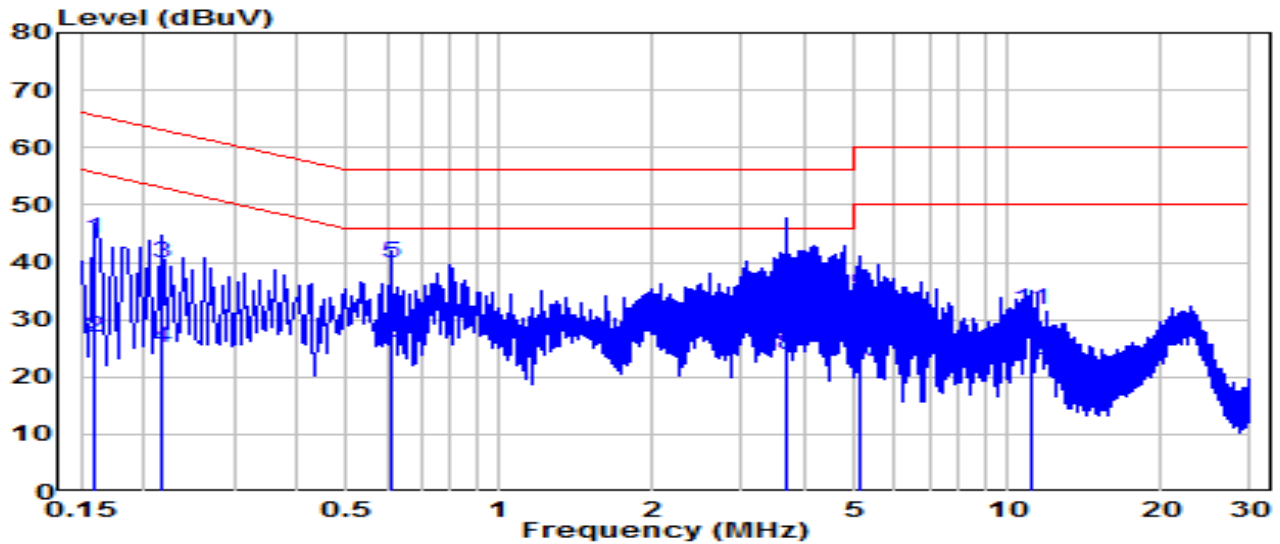


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	37.09	9.62	46.71	-18.58	65.28	QP
2	0.163	23.93	9.62	33.55	-21.73	55.28	Average
3	0.334	28.53	9.63	38.16	-21.18	59.34	QP
4	0.334	19.99	9.63	29.62	-19.72	49.34	Average
5	* 0.802	35.39	9.66	45.05	-10.95	56.00	QP
6	* 0.802	26.79	9.66	36.45	-9.55	46.00	Average
7	4.029	30.74	9.73	40.47	-15.53	56.00	QP
8	4.029	20.04	9.73	29.78	-16.22	46.00	Average
9	5.028	28.91	9.75	38.66	-21.34	60.00	QP
10	5.028	19.46	9.75	29.20	-20.80	50.00	Average
11	21.950	20.77	10.01	30.77	-29.23	60.00	QP
12	21.950	16.13	10.01	26.14	-23.86	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	Router	Date of Test	2023-09-25
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2	Test Voltage	AC 240V/60Hz

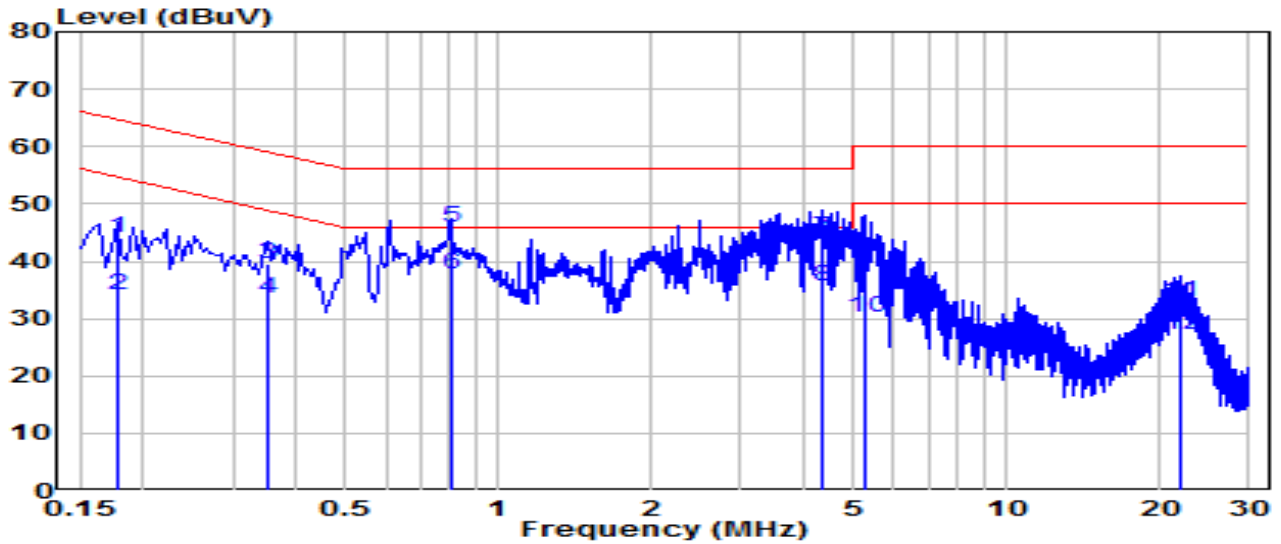


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV)	Margin (dB)	Limit (dBUV)	Remark (QP/PK/AV)
1	0.159	34.58	9.62	44.20	-21.31	65.52	QP
2	0.159	17.38	9.62	27.00	-28.52	55.52	Average
3	0.217	30.24	9.62	39.86	-23.05	62.91	QP
4	0.217	15.32	9.62	24.95	-27.97	52.91	Average
5	* 0.609	30.35	9.65	40.00	-16.00	56.00	QP
6	* 0.609	16.42	9.65	26.07	-19.93	46.00	Average
7	3.682	26.95	9.72	36.68	-19.33	56.00	QP
8	3.682	14.18	9.72	23.90	-22.10	46.00	Average
9	5.149	24.56	9.75	34.31	-25.69	60.00	QP
10	5.149	12.98	9.75	22.73	-27.27	50.00	Average
11	11.075	21.83	9.87	31.70	-28.30	60.00	QP
12	11.075	13.11	9.87	22.97	-27.03	50.00	Average

Note:

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

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+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	0.177	34.36	9.62	43.98	-20.65	64.63	QP
2	0.177	24.40	9.62	34.02	-20.60	54.63	Average
3	0.352	30.06	9.63	39.69	-19.21	58.90	QP
4	0.352	23.73	9.63	33.36	-15.54	48.90	Average
5 *	0.807	36.33	9.66	45.98	-10.02	56.00	QP
6 *	0.807	27.97	9.66	37.63	-8.37	46.00	Average
7	4.357	34.22	9.74	43.95	-12.05	56.00	QP
8	4.357	25.74	9.74	35.47	-10.53	46.00	Average
9	5.252	30.29	9.75	40.04	-19.96	60.00	QP
10	5.252	20.52	9.75	30.27	-19.73	50.00	Average
11	21.910	22.80	10.01	32.81	-27.19	60.00	QP
12	21.910	17.11	10.01	27.11	-22.89	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 “2309TW0119-UT” file.

Appendix B : External Photograph

Refer to “2309TW0119-UE” file.

Appendix C : Internal Photograph

Refer to “2309TW0119-UI” file.

————— The End —————