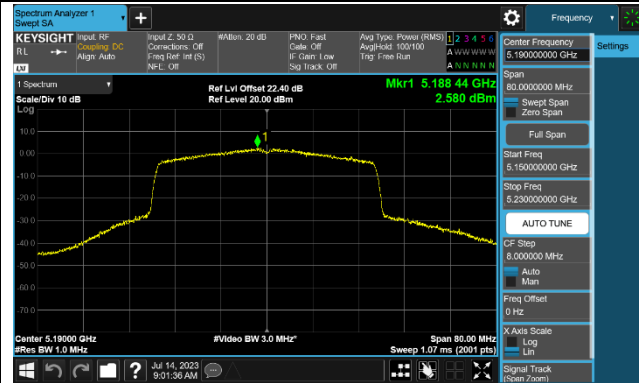
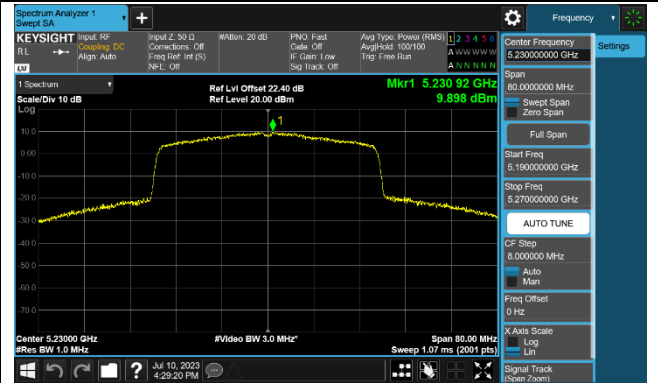


## 802.11ax-HE40 Power Spectral Density - Ant 2

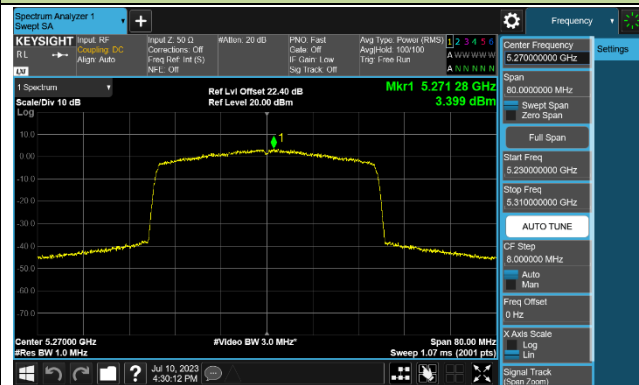
### Channel 38 (5190MHz)



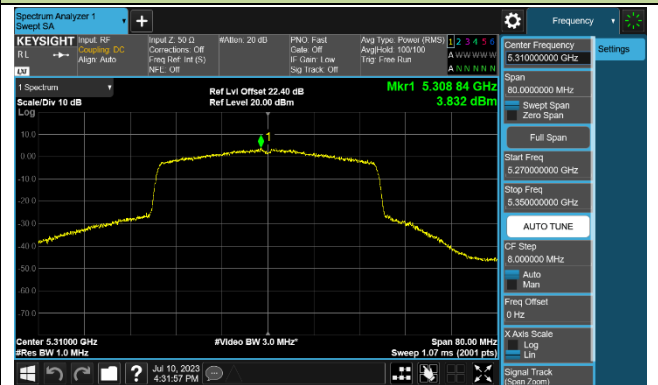
### Channel 46 (5230MHz)



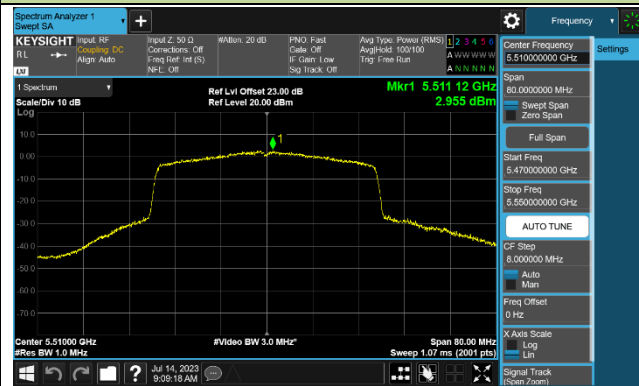
### Channel 54 (5270MHz)



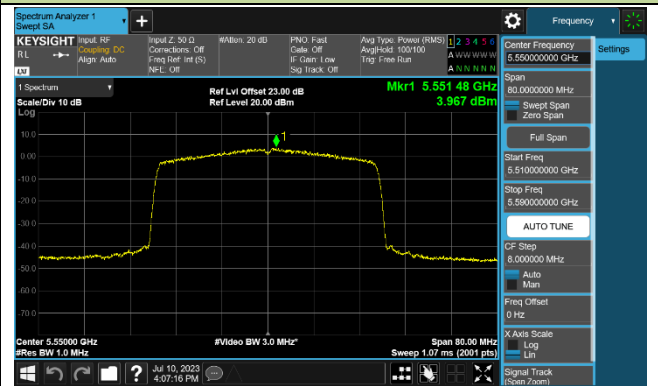
### Channel 62 (5310MHz)



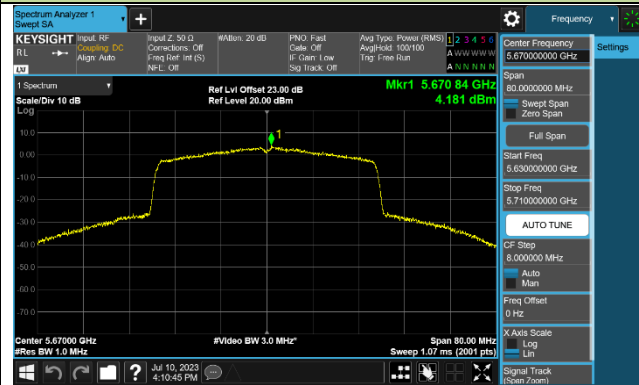
### Channel 102 (5510MHz)



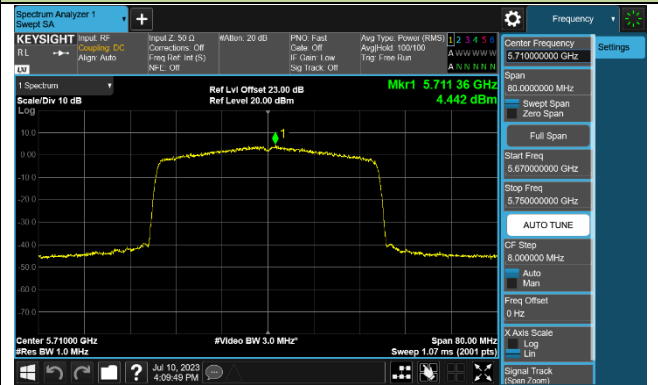
### Channel 110 (5550MHz)

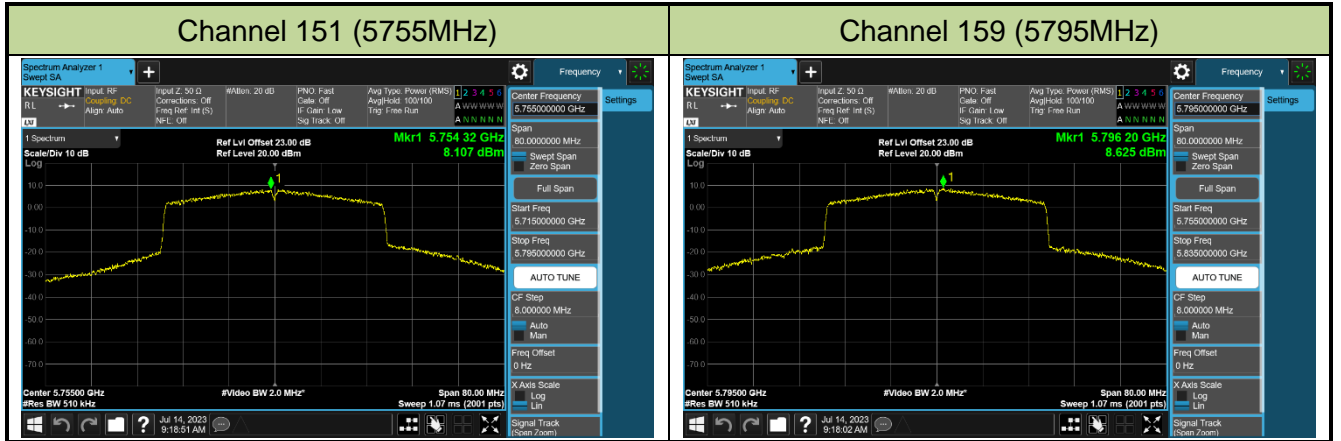


### Channel 134 (5670MHz)



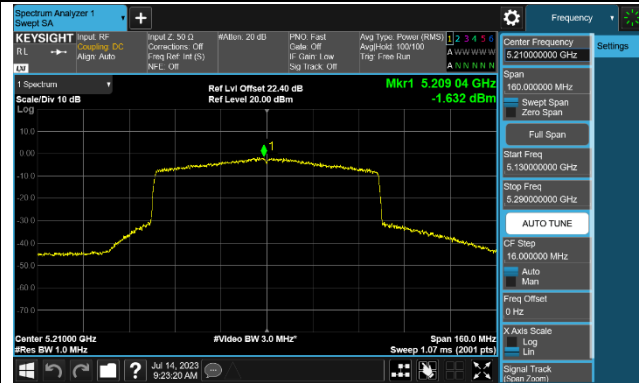
### Channel 142 (5710MHz)



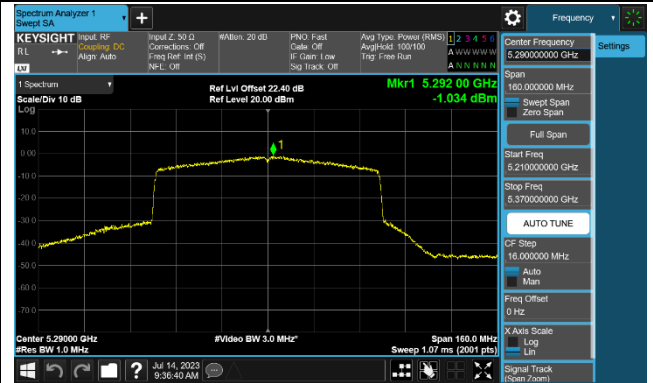


### 802.11ax-HE80 Power Spectral Density - Ant 2

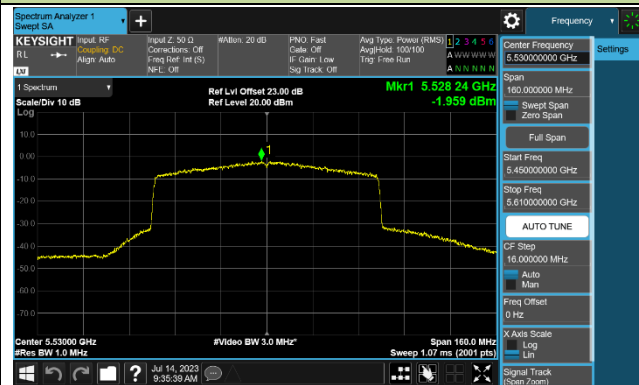
Channel 42 (5210MHz)



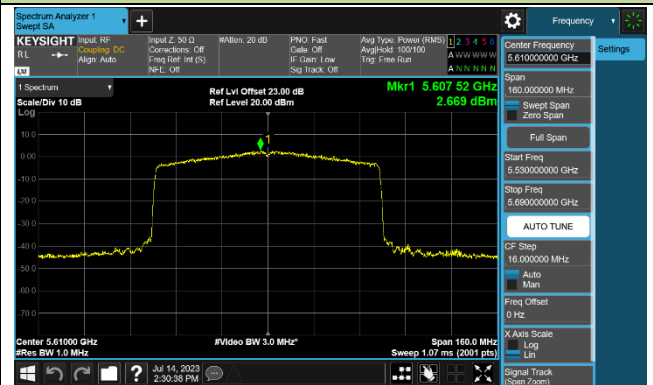
Channel 58 (5290MHz)



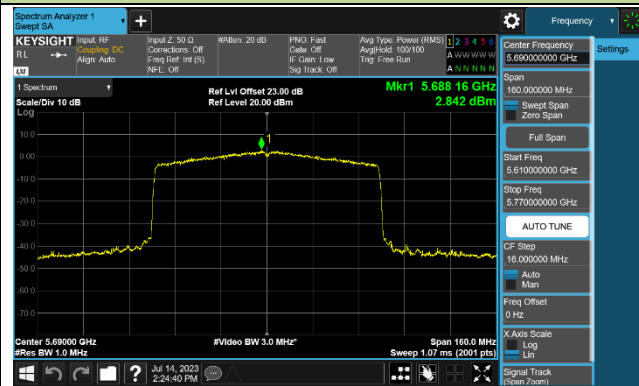
Channel 106 (5530MHz)



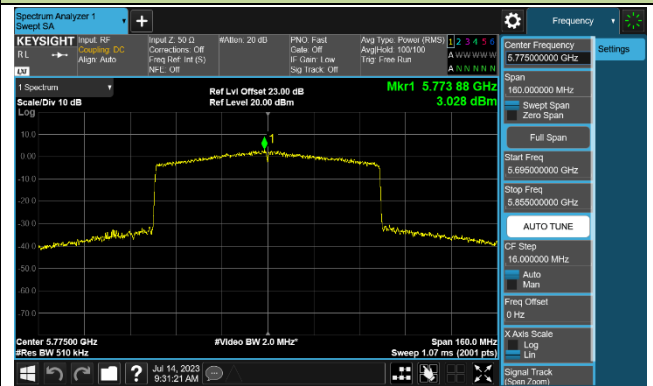
Channel 122 (5610MHz)



Channel 138 (5690MHz)

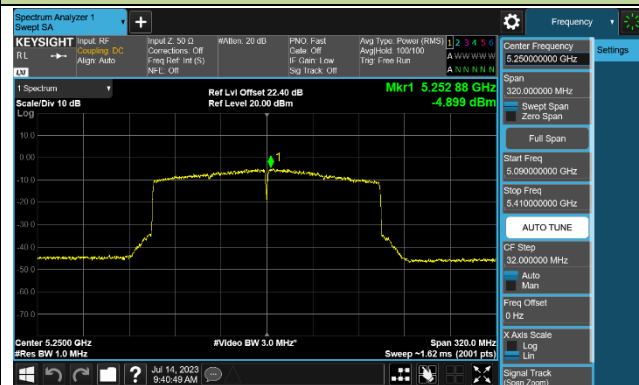


Channel 155 (5775MHz)

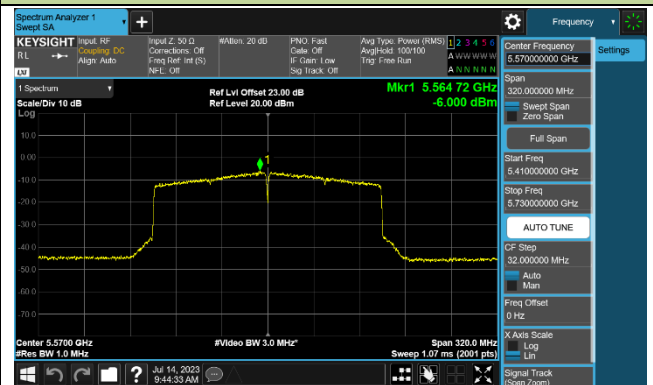


### 802.11ax-HE160 Power Spectral Density - Ant 2

Channel 50 (5250MHz)



Channel 114 (5570MHz)



## 7.7. Frequency Stability Measurement

### 7.7.1. Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

### 7.7.2. Test Setting

#### **Frequency Stability Under Temperature Variations:**

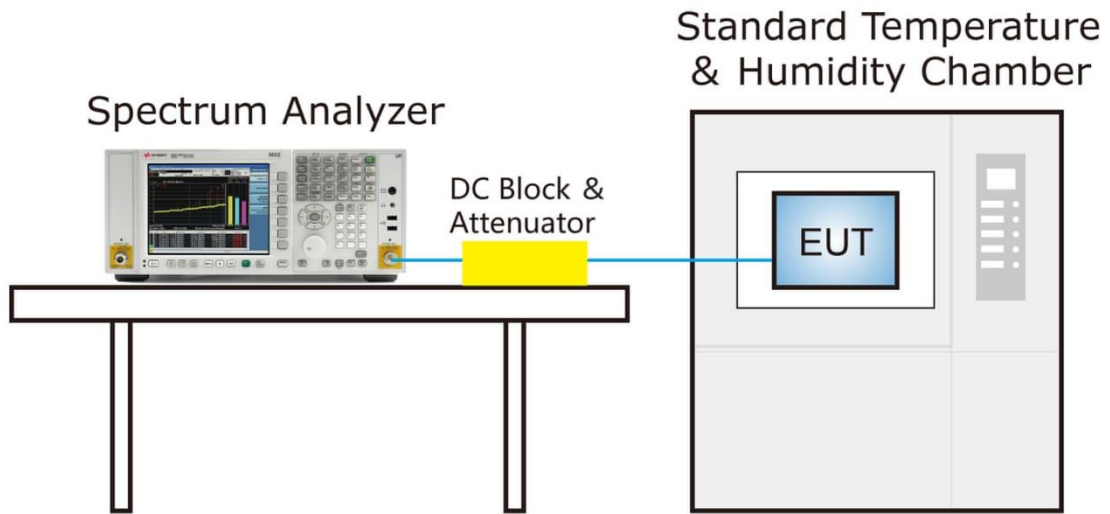
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

#### **Frequency Stability Under Voltage Variations:**

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ( $\pm 15\%$ ) and endpoint, record the maximum frequency change.

### 7.7.3. Test Setup



### 7.7.4. Test Result

Grantee ensure that the product meets e-CFR Title 47 section 15.407(g) and KDB 789033 D02v02r01 frequency stability such that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

## 7.8. Radiated Spurious Emission Measurement

### 7.8.1. 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

### 7.8.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

### 7.8.3. 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
>1000 MHz	1 MHz

**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**

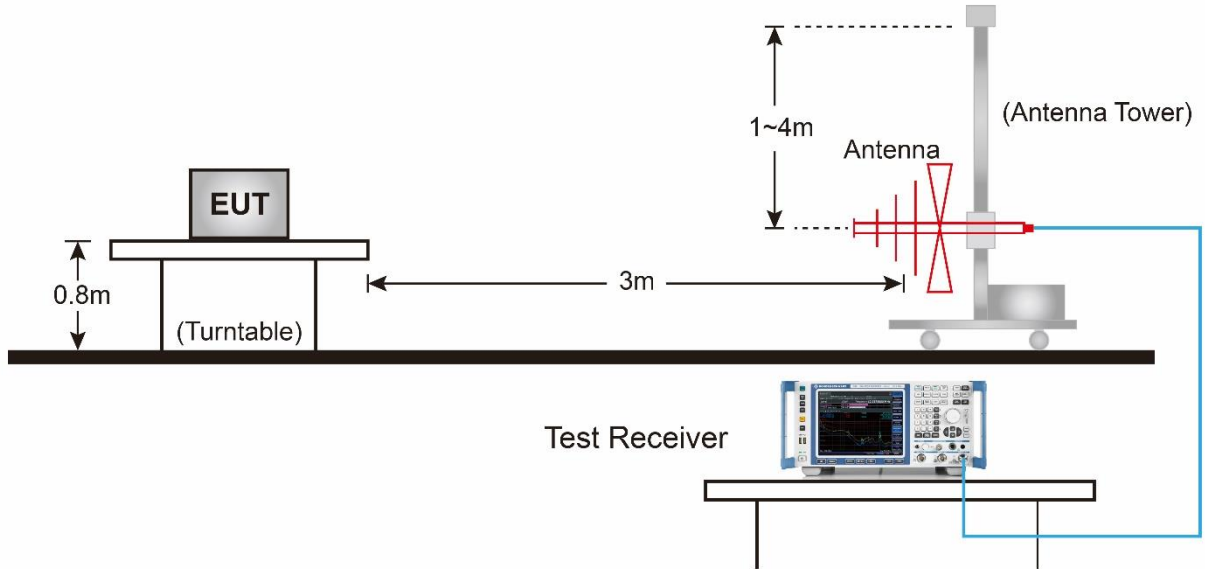
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method VB)**

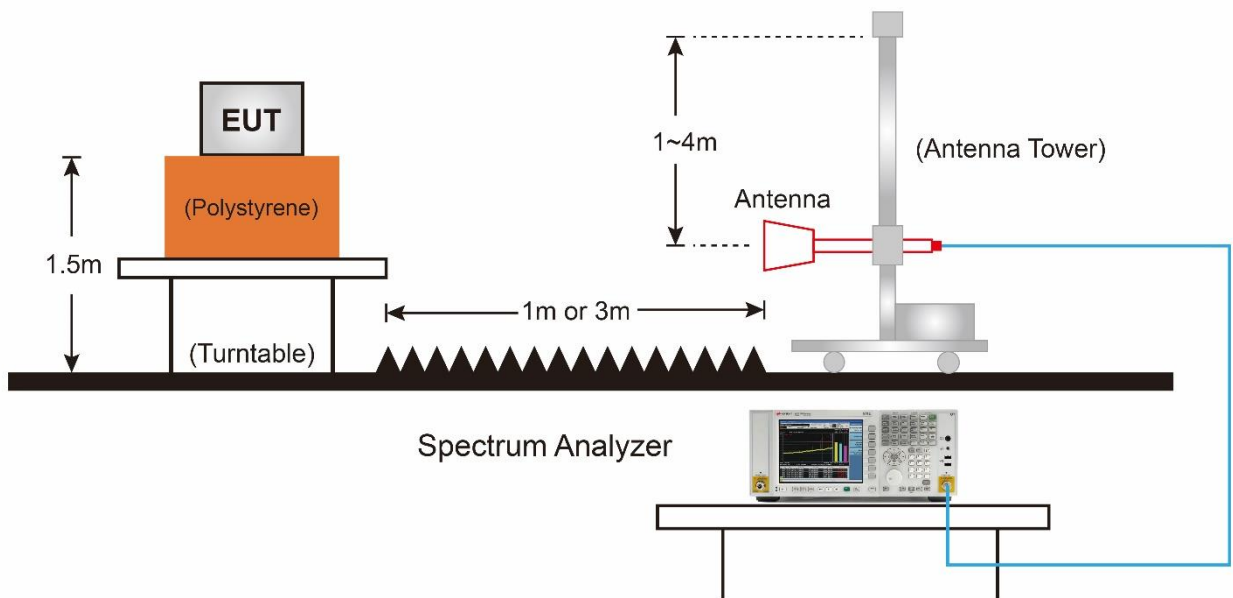
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set VBW = 10 Hz.  
If the EUT duty cycle is  $< 98\%$ , set VBW  $\geq 1/T$ . T is the minimum transmission duration.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

### 7.8.4. Test Setup

Below 1GHz Test Setup:



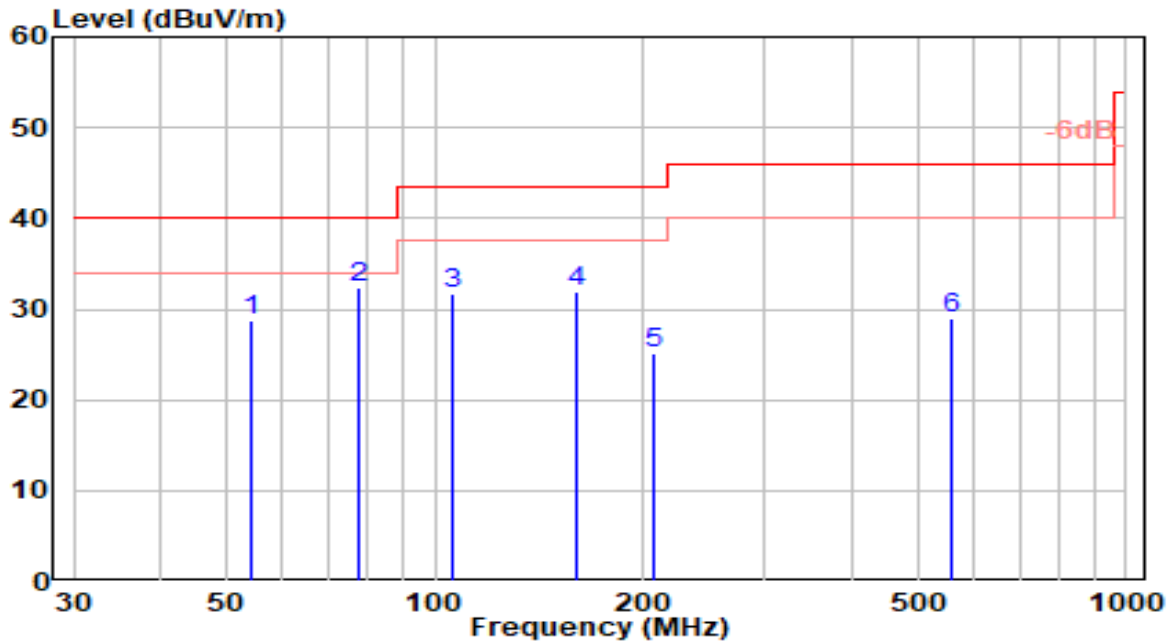
Above 1GHz Test Setup:





### 7.8.5. Test Result

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-21
Factor	VULB 9162	Temp. / Humidity	21°C / 61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

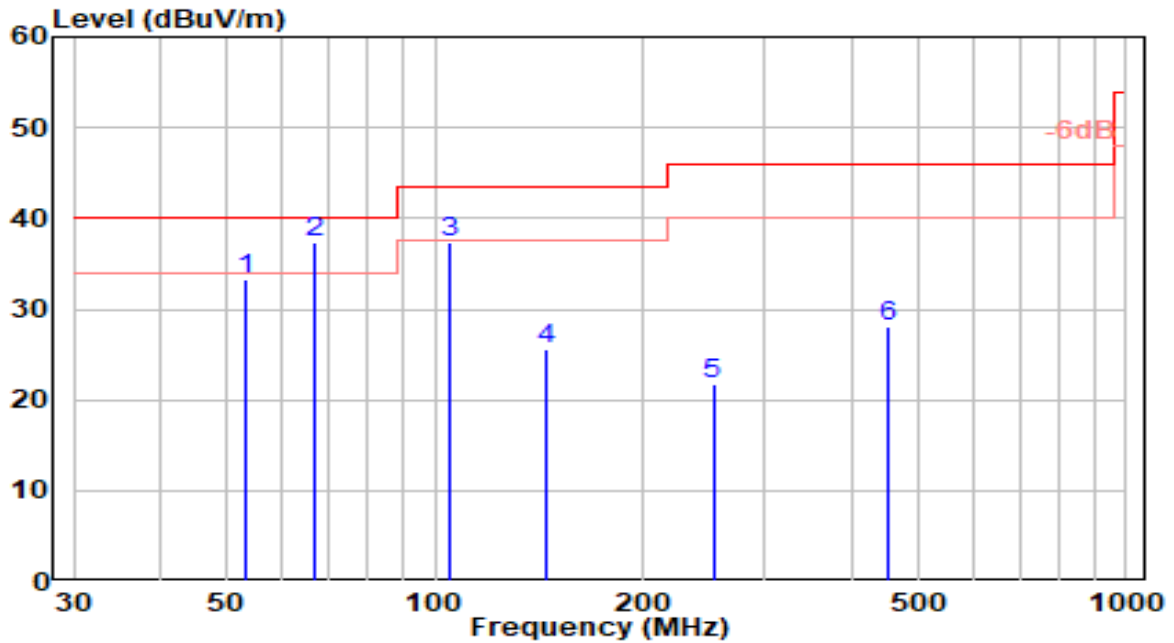


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	54.360	8.32	20.42	28.75	-11.25	40.00	200	60	QP
2	* 77.410	17.97	14.40	32.36	-7.64	40.00	150	303	QP
3	106.340	13.02	18.59	31.61	-11.89	43.50	200	317	QP
4	160.920	16.19	15.82	32.01	-11.49	43.50	100	292	QP
5	207.080	7.02	18.11	25.13	-18.37	43.50	200	118	QP
6	560.520	2.78	26.20	28.98	-17.02	46.00	150	39	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 AX3000 Gigabit VPN Router	Date of Test	2023-07-21
Factor	VULB 9162	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

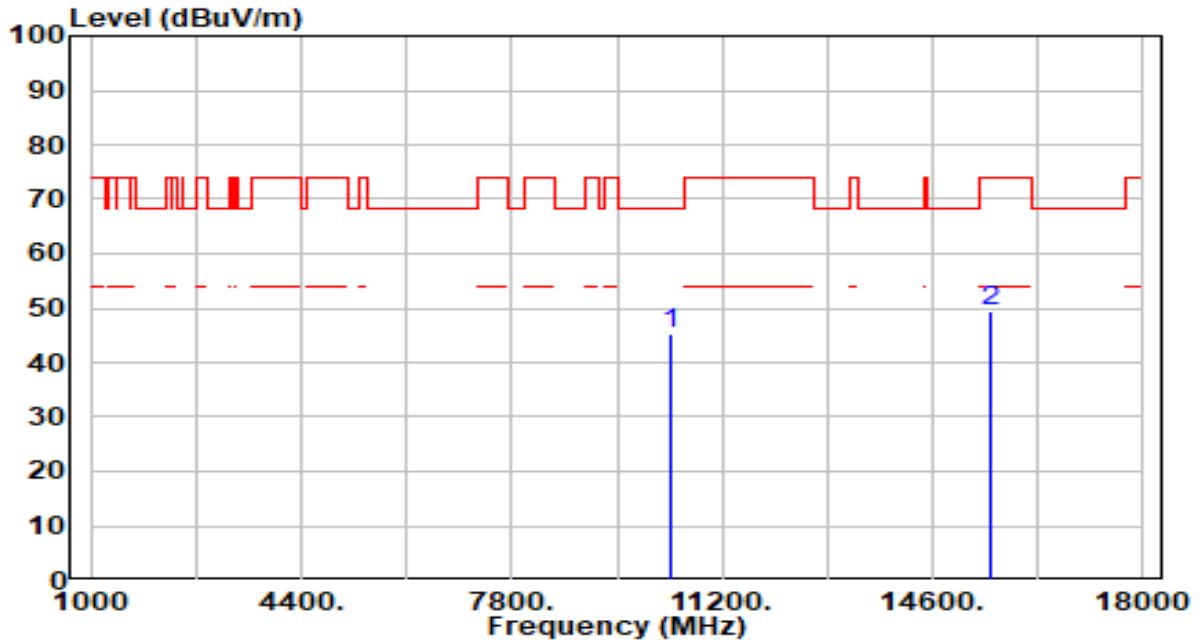


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	53.030	12.75	20.63	33.38	-6.62	40.00	100	100	QP
2	* 66.780	20.28	17.14	37.42	-2.58	40.00	150	100	QP
3	104.820	18.69	18.64	37.33	-6.17	43.50	200	28	QP
4	145.410	10.49	15.12	25.61	-17.89	43.50	200	77	QP
5	252.490	1.44	20.26	21.71	-24.29	46.00	200	14	QP
6	450.610	4.08	23.95	28.03	-17.97	46.00	100	3	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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

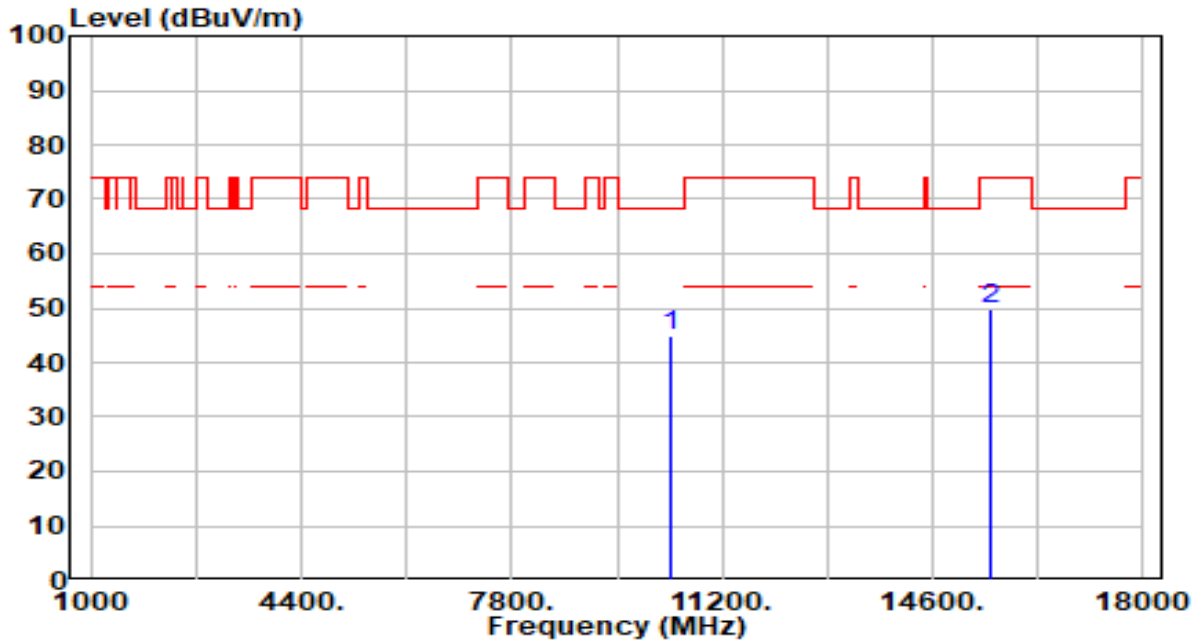


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	10360.000	42.44	2.81	45.25	-22.95	68.20	100	221	Peak
2		15540.000	44.98	4.52	49.50	-24.50	74.00	300	38	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

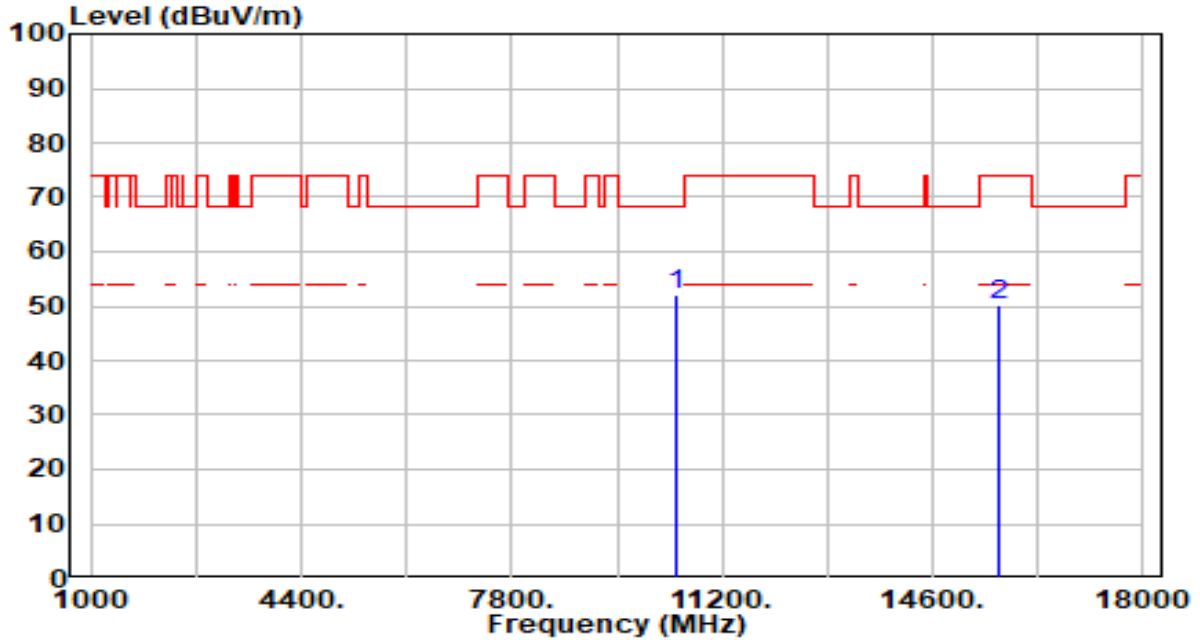


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	42.21	2.81	45.02	-23.18	68.20	100	357	Peak
2		45.11	4.52	49.64	-24.36	74.00	100	78	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

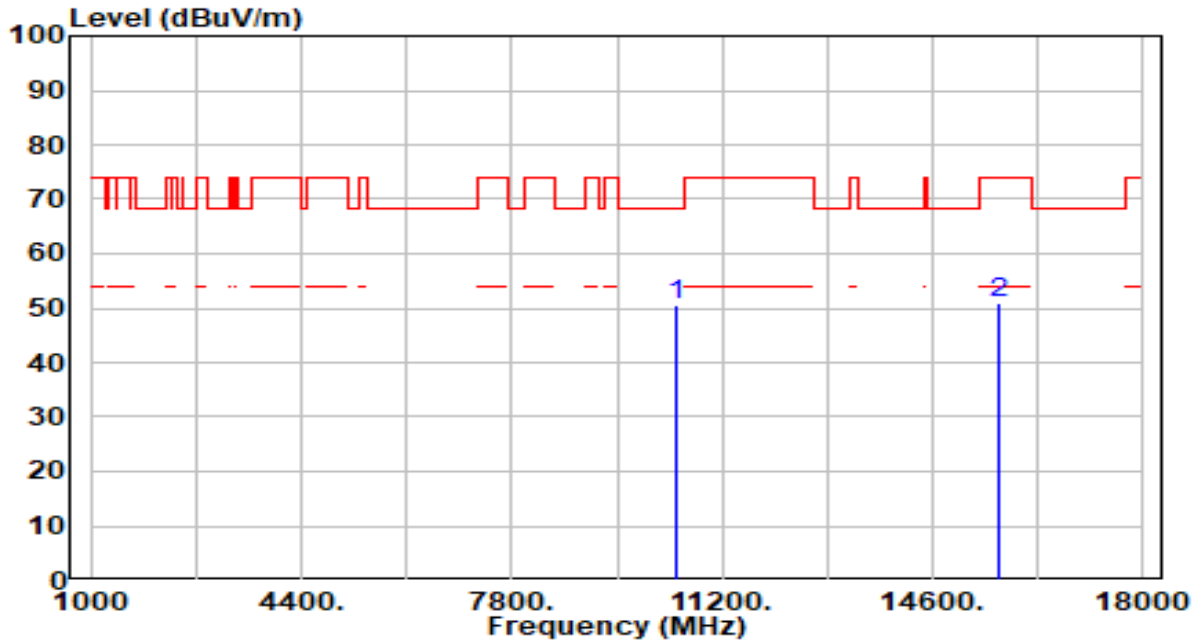


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10440.000	49.53	2.72	52.25	-15.95	68.20	100	276	Peak
2	15660.000	45.57	4.67	50.25	-23.75	74.00	100	208	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

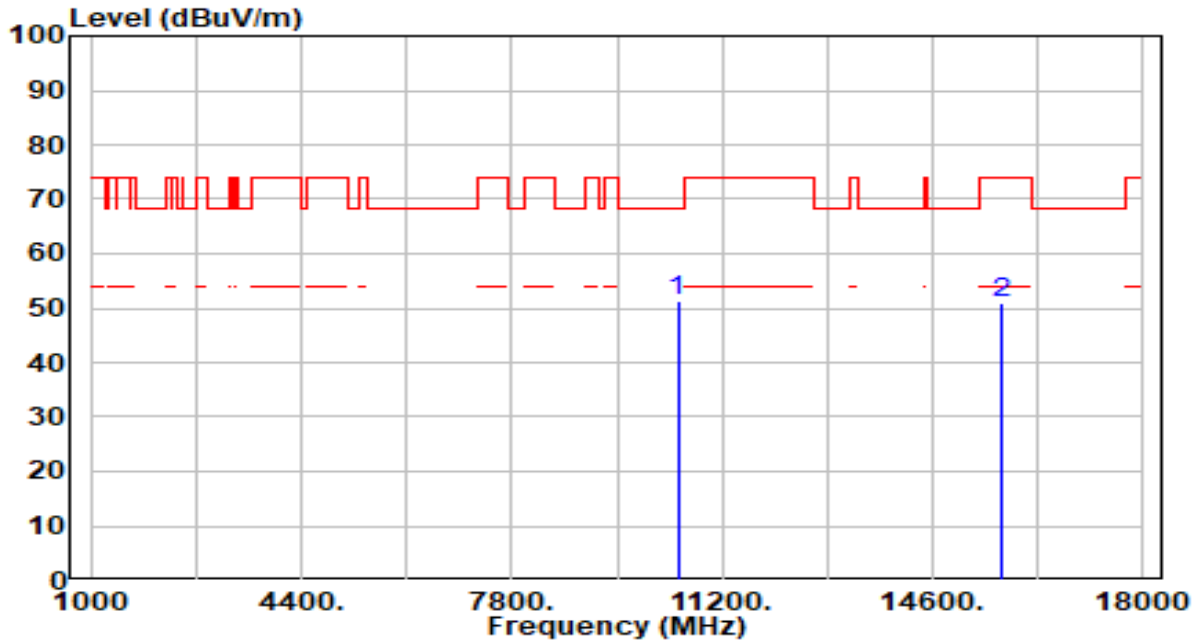


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	47.72	2.72	50.44	-17.76	68.20	250	0	Peak
2		46.21	4.67	50.88	-23.12	74.00	200	11	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz

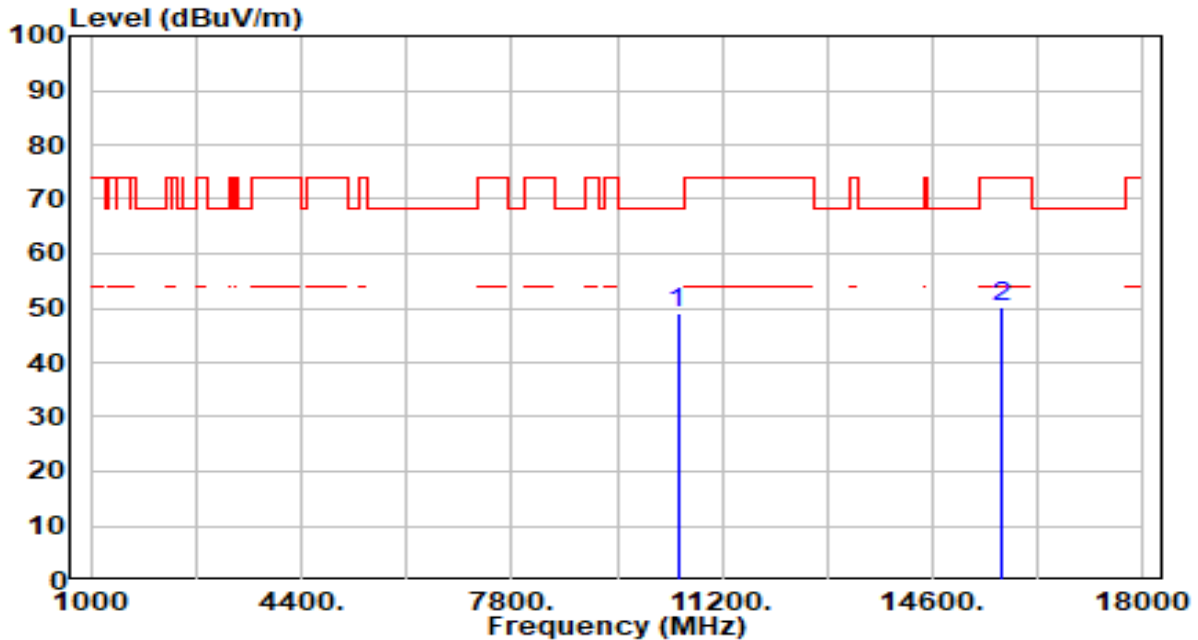


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	10480.000	48.46	2.68	51.14	-17.06	68.20	100	134	Peak
2		15720.000	45.99	4.84	50.83	-23.17	74.00	100	193	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz



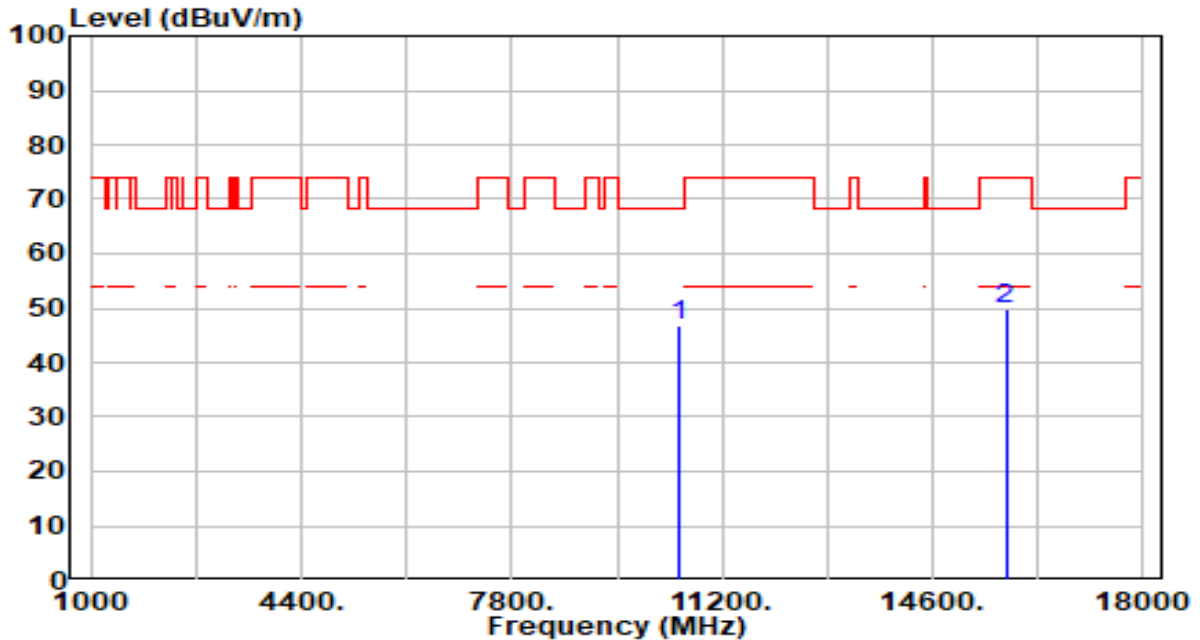
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10480.000	46.23	2.68	48.91	-19.29	68.20	100	360	Peak
2	15720.000	45.34	4.84	50.18	-23.82	74.00	100	28	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

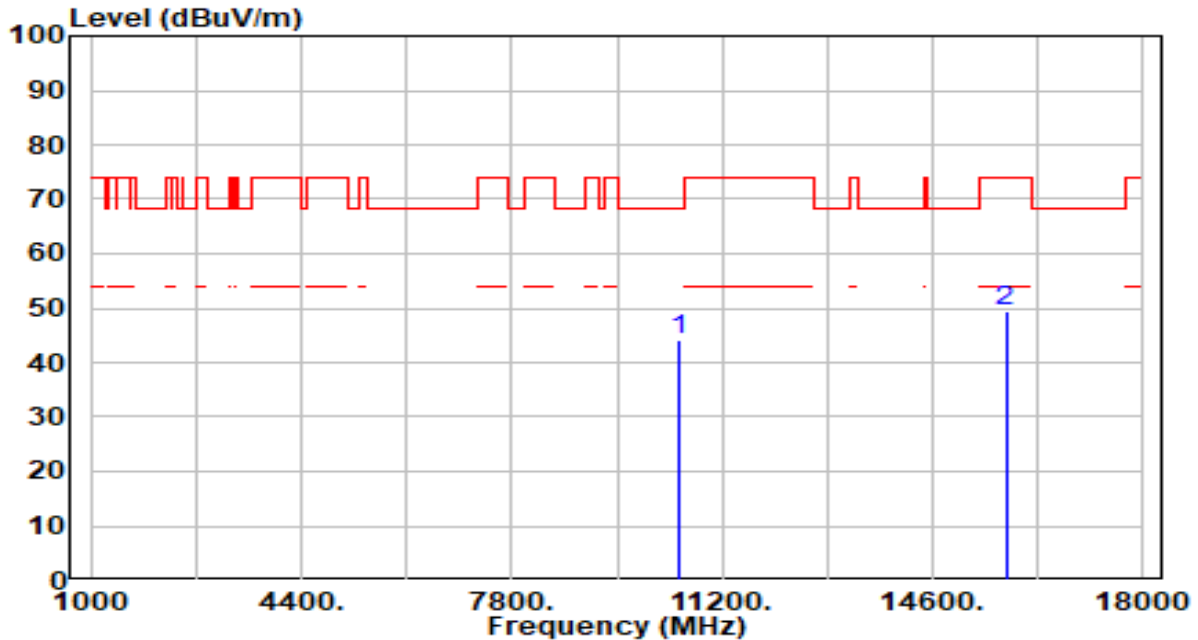


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	44.02	2.64	46.66	-21.54	68.20	100	242	Peak
2		44.80	5.00	49.80	-24.20	74.00	100	238	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

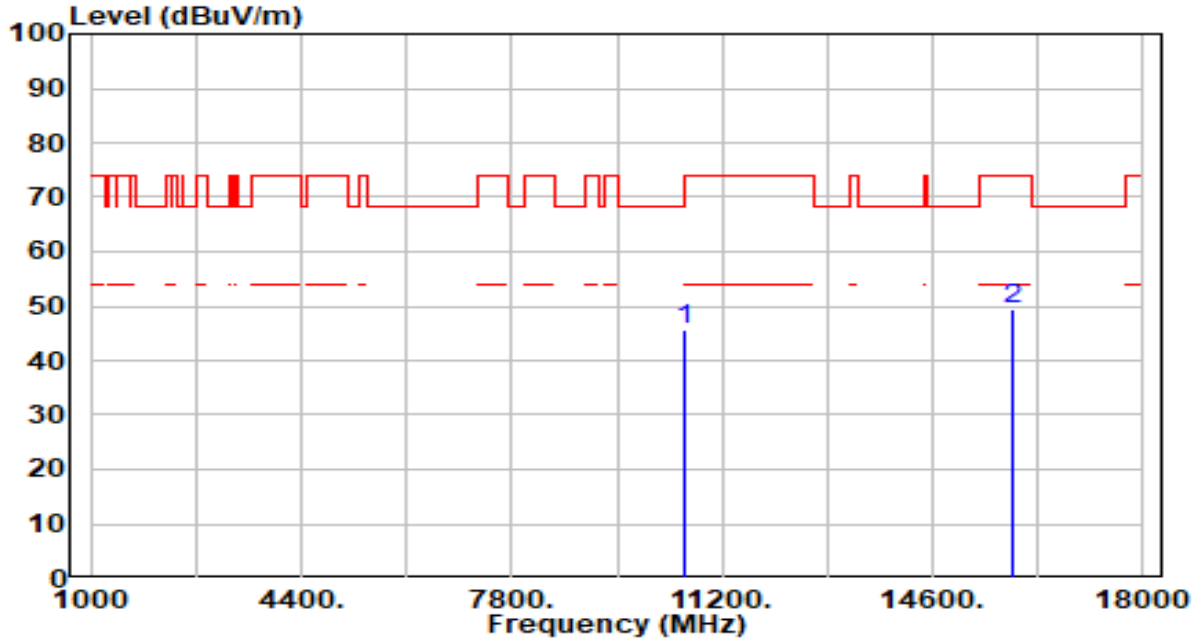


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	41.61	2.64	44.25	-23.95	68.20	100	100	Peak
2		44.52	5.00	49.52	-24.48	74.00	100	100	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

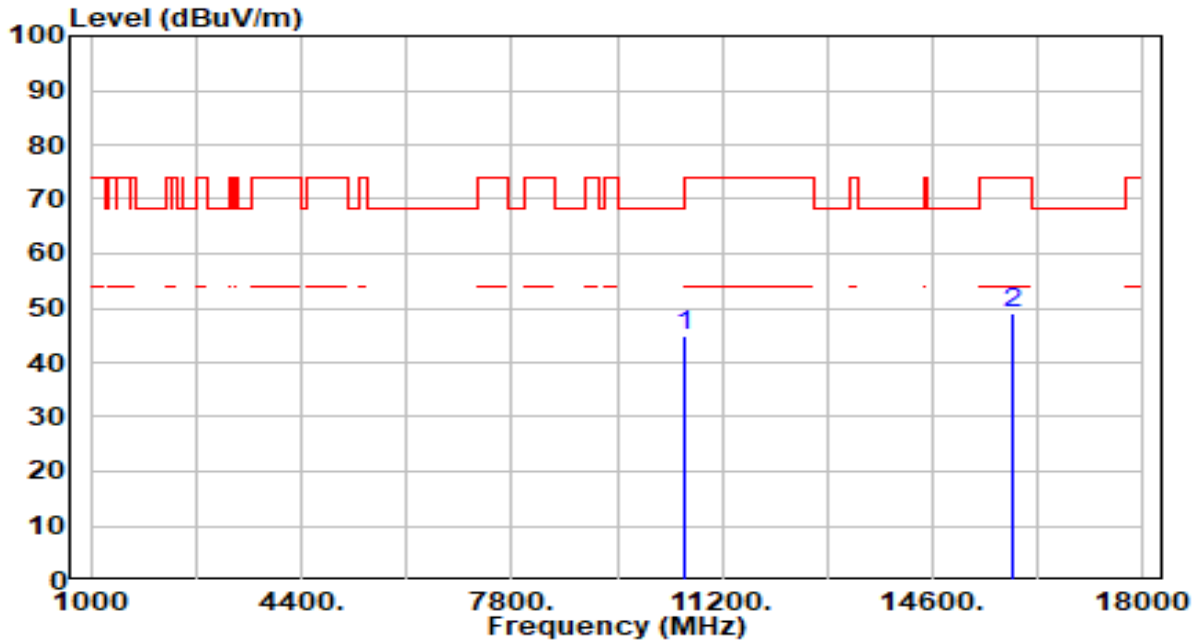


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	42.95	2.60	45.56	-22.64	68.20	100	46	Peak
2	15900.000	44.33	5.13	49.46	-24.54	74.00	100	202	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

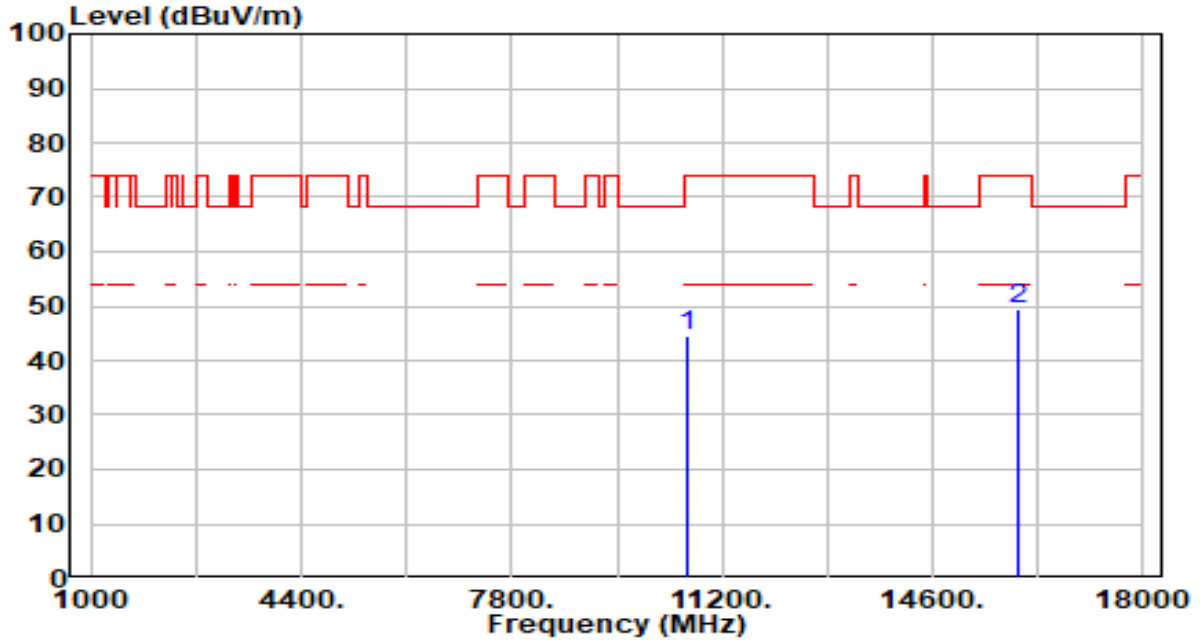


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	42.44	2.60	45.05	-23.15	68.20	100	94	Peak
2	15900.000	44.04	5.13	49.16	-24.84	74.00	100	273	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

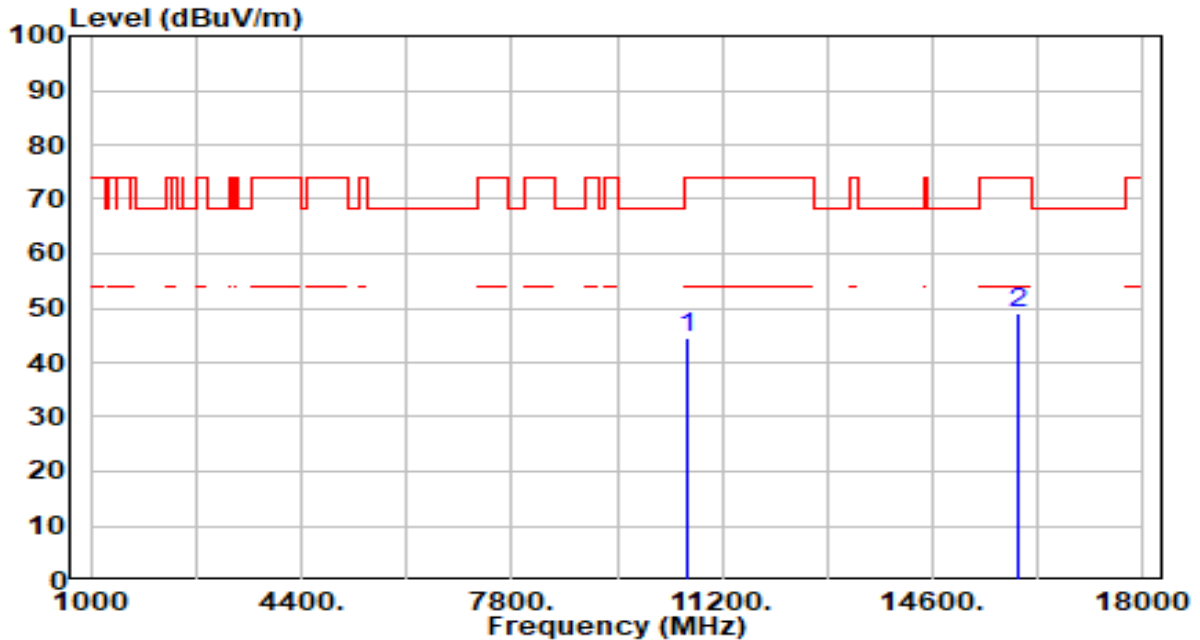


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	41.75	2.62	44.38	-29.62	74.00	100	233	Peak
2	* 15960.000	44.19	5.17	49.36	-24.64	74.00	100	206	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

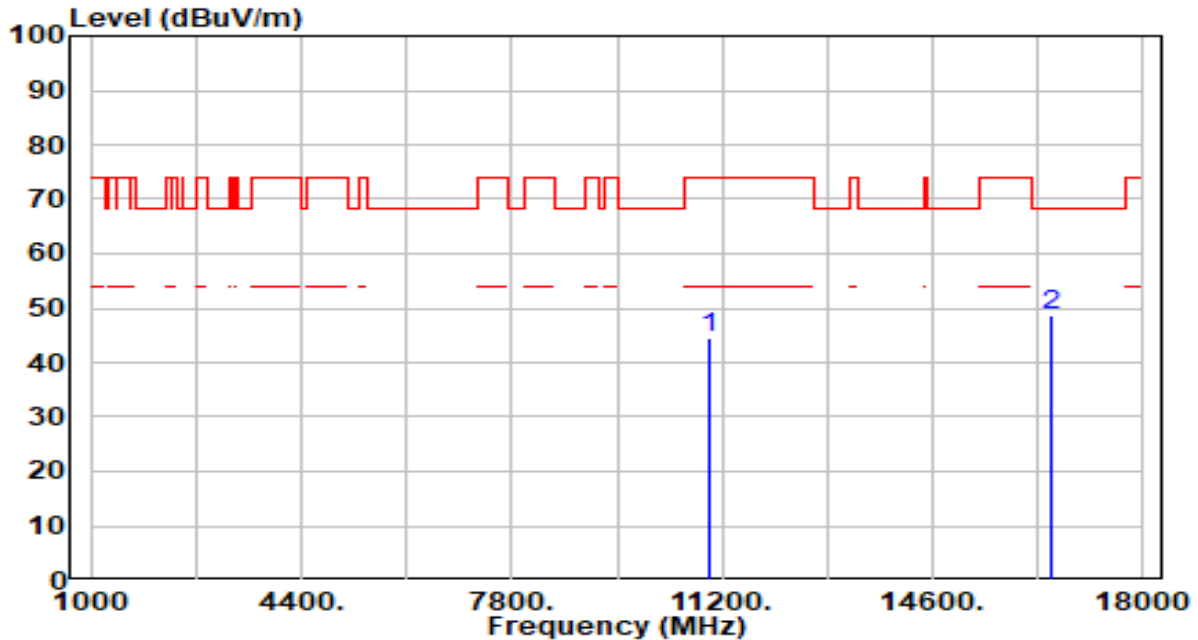


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	41.82	2.62	44.45	-29.55	74.00	100	357	Peak
2	* 15960.000	43.83	5.17	49.00	-25.00	74.00	100	301	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

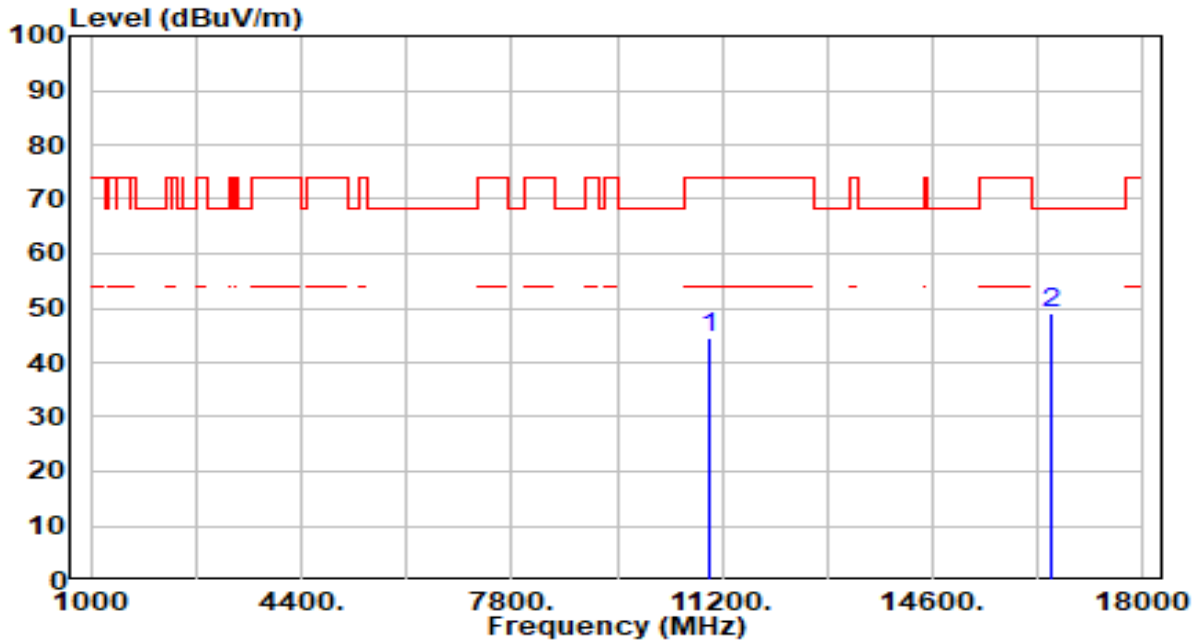


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	42.03	2.60	44.63	-29.37	74.00	100	185	Peak
2	* 16500.000	44.04	4.63	48.67	-19.53	68.20	100	170	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz



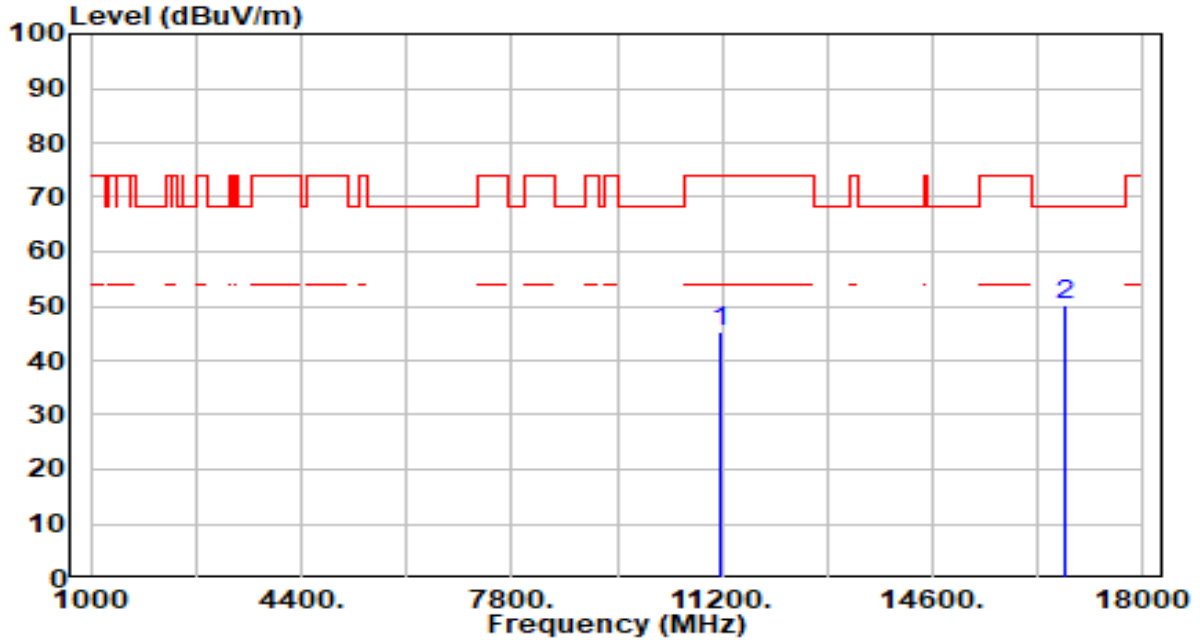
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	42.08	2.60	44.68	-29.32	74.00	100	360	Peak
2	* 16500.000	44.58	4.63	49.21	-18.99	68.20	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB).
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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

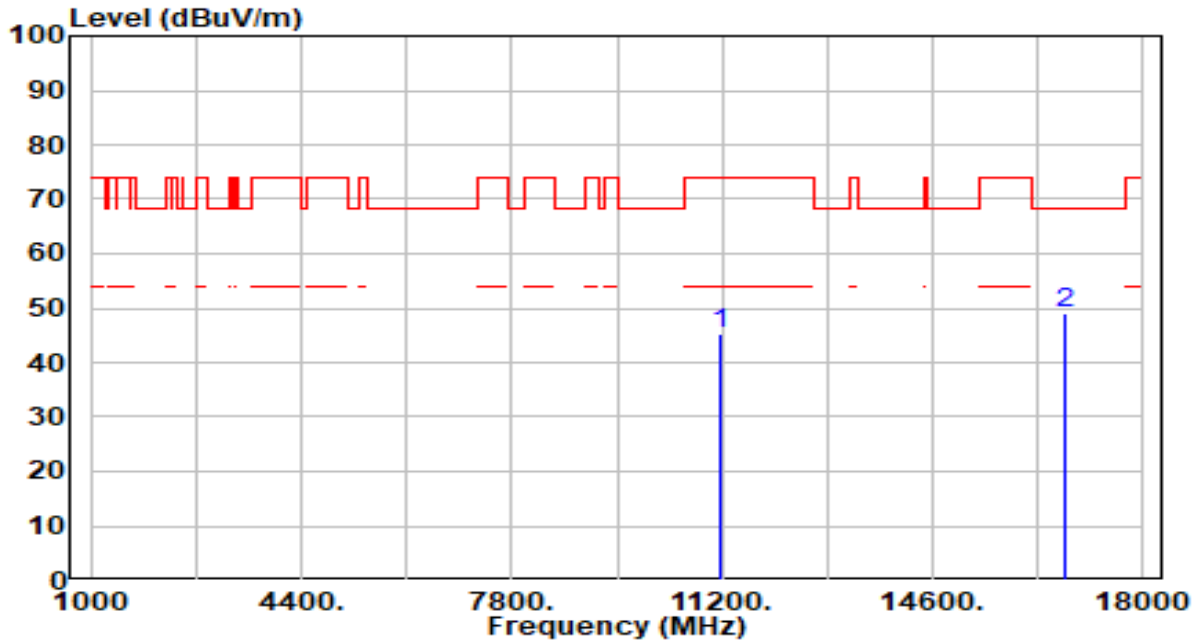


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.29	3.07	45.36	-28.64	74.00	100	126	Peak
2	* 16740.000	45.51	4.66	50.17	-18.03	68.20	100	278	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

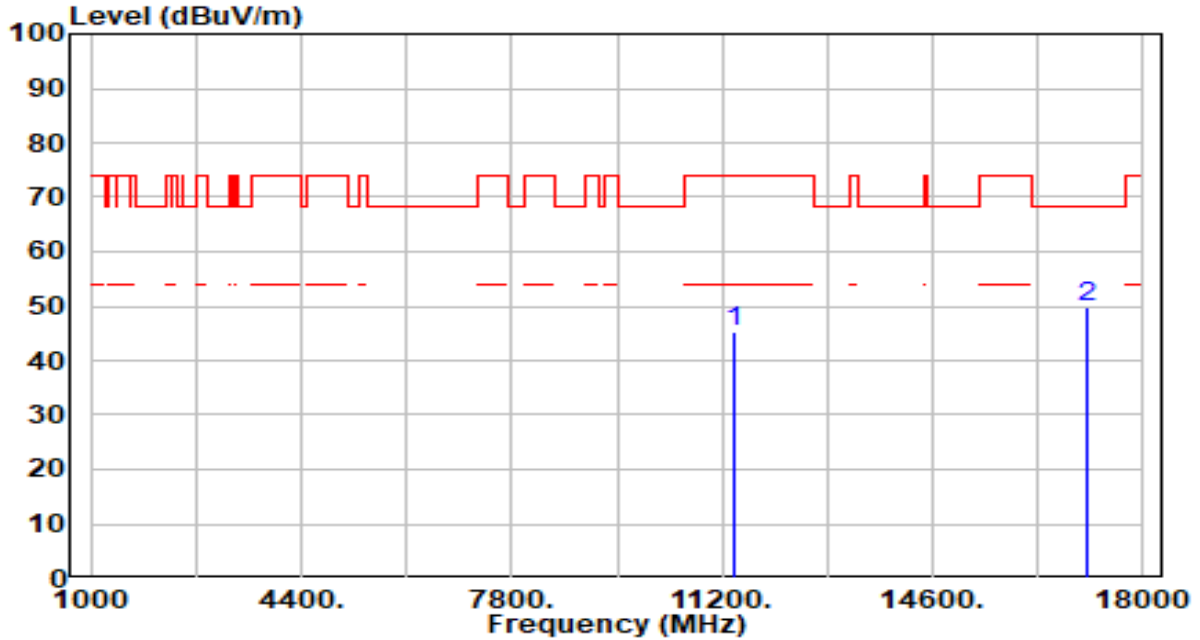


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.27	3.07	45.34	-28.66	74.00	100	262	Peak
2	* 16740.000	44.26	4.66	48.92	-19.28	68.20	100	195	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

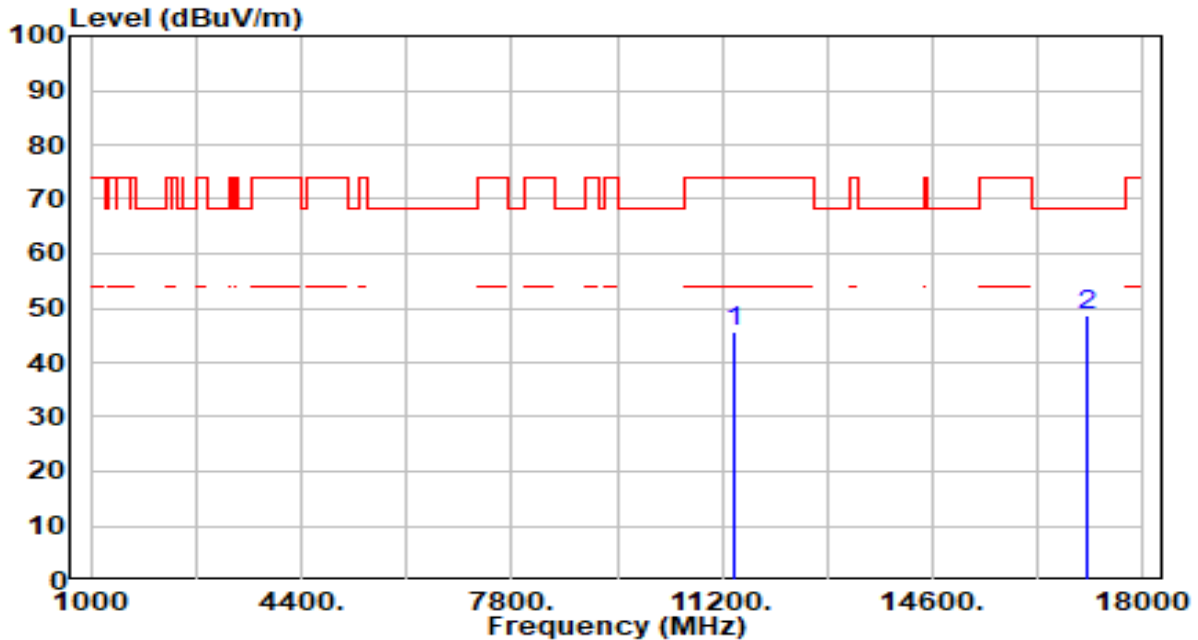


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	41.86	3.48	45.34	-28.66	74.00	100	206	Peak
2	* 17100.000	45.06	4.79	49.86	-18.34	68.20	100	174	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

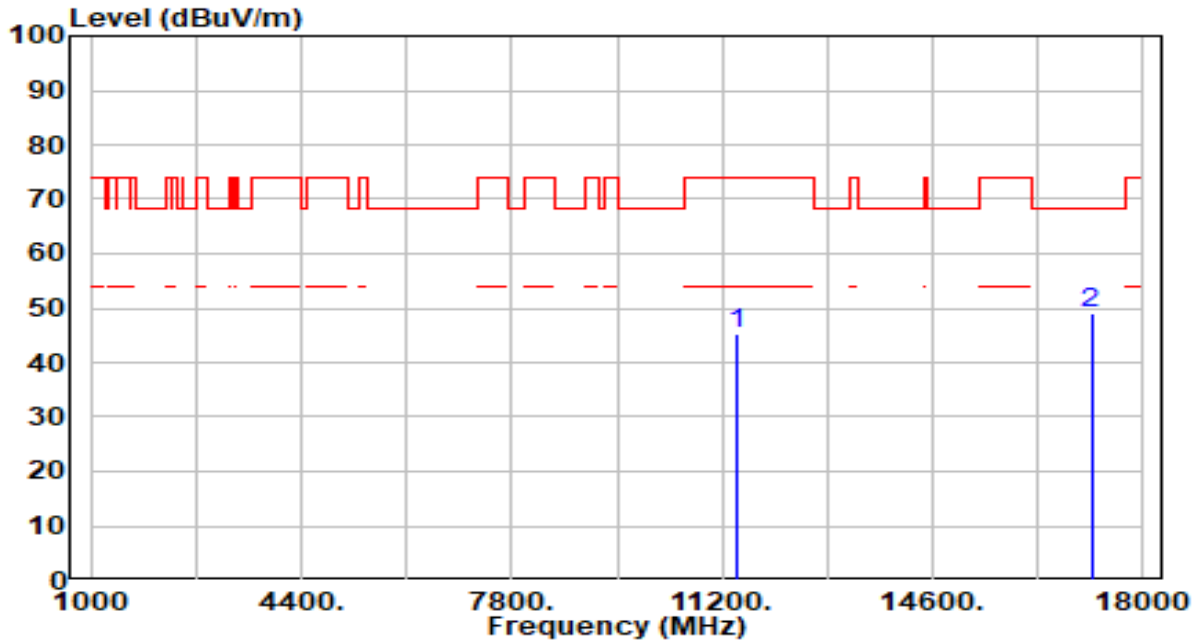


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	42.21	3.48	45.69	-28.31	74.00	100	360	Peak
2	* 17100.000	43.89	4.79	48.69	-19.51	68.20	100	68	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz

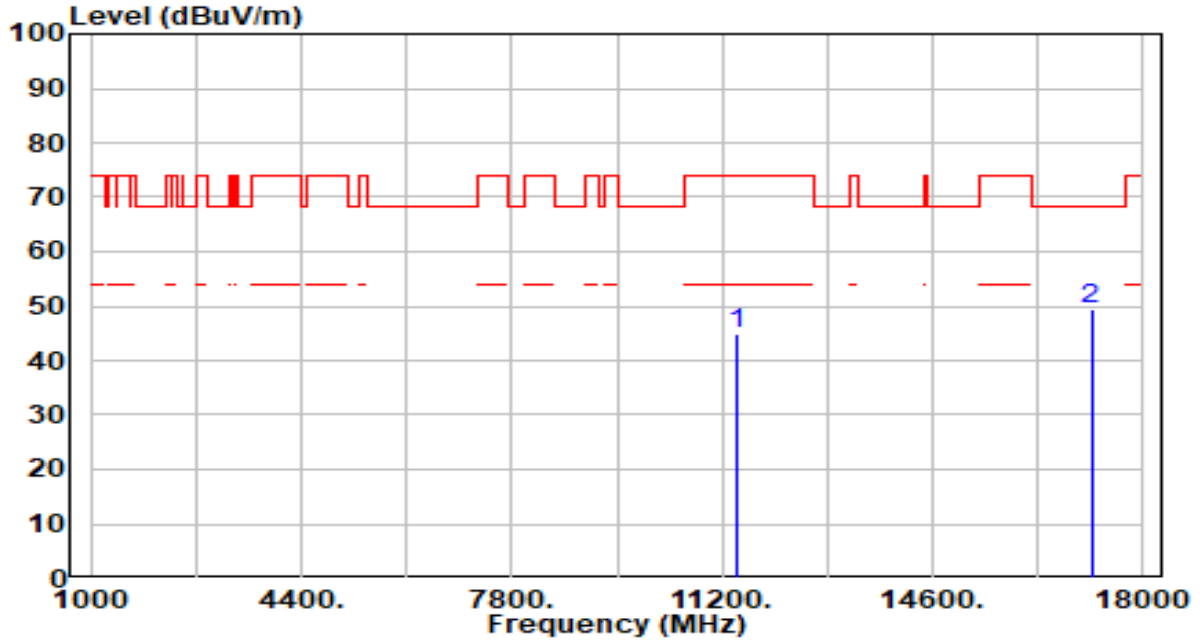


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	41.89	3.52	45.40	-28.60	74.00	100	118	Peak
2	* 17160.000	44.56	4.66	49.22	-18.98	68.20	100	42	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz

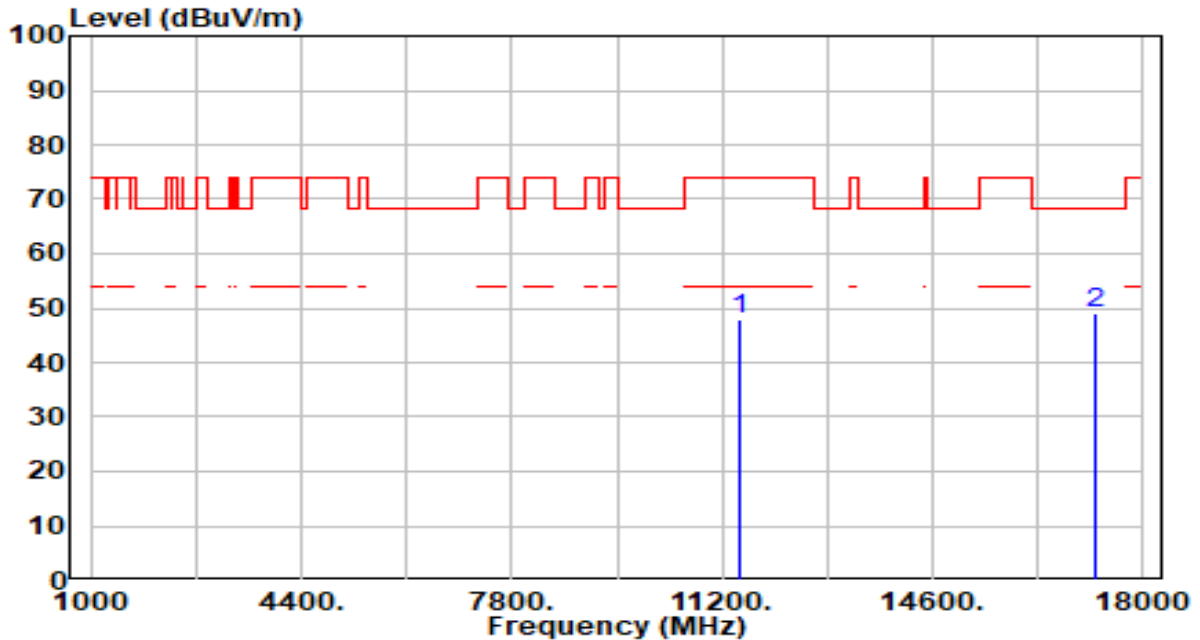


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	41.37	3.52	44.89	-29.11	74.00	100	295	Peak
2	* 17160.000	44.80	4.66	49.45	-18.75	68.20	100	105	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

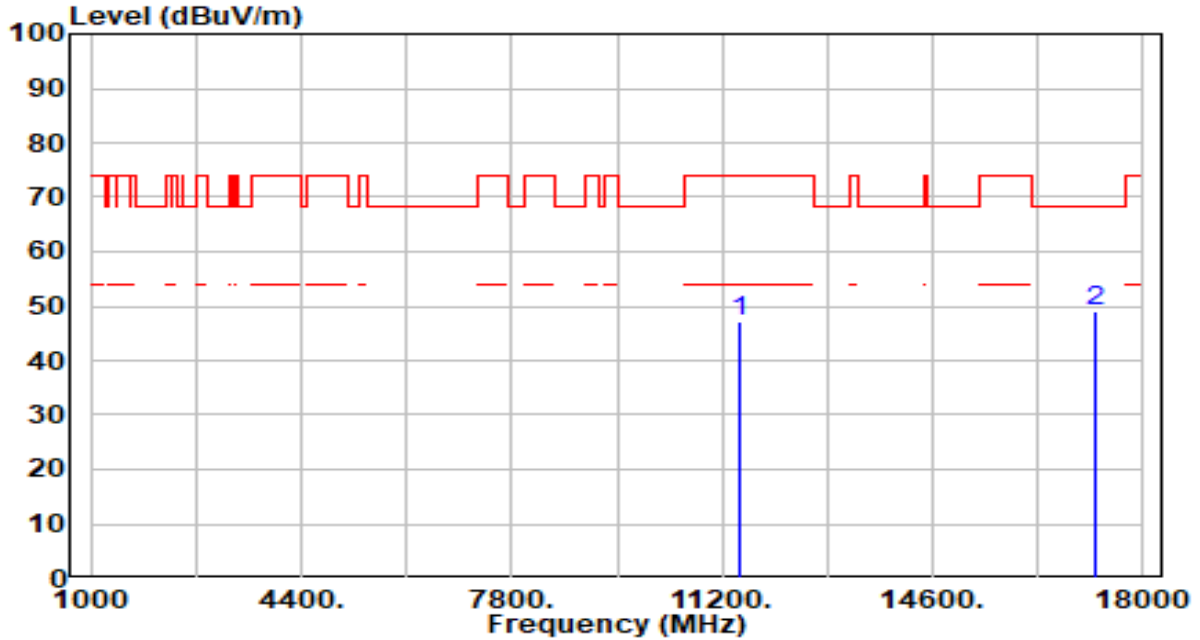


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	44.21	3.57	47.78	-26.22	74.00	100	311	Peak
2	* 17235.000	44.62	4.45	49.07	-19.13	68.20	100	46	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz



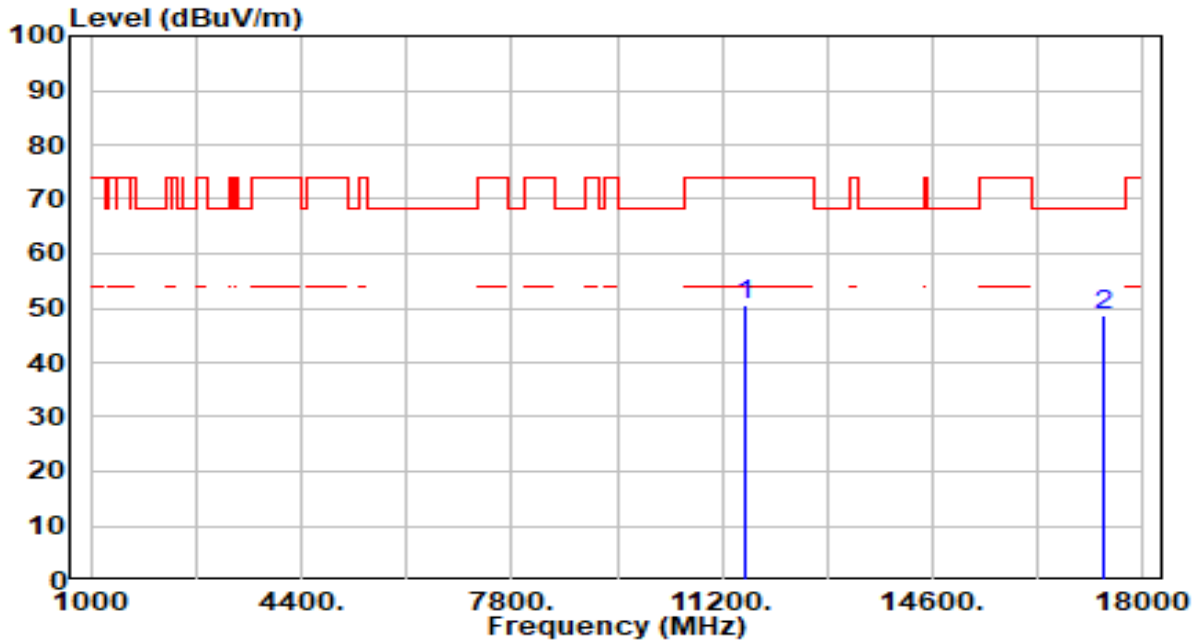
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	43.64	3.57	47.21	-26.79	74.00	100	215	Peak
2	* 17235.000	44.68	4.45	49.13	-19.07	68.20	100	40	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

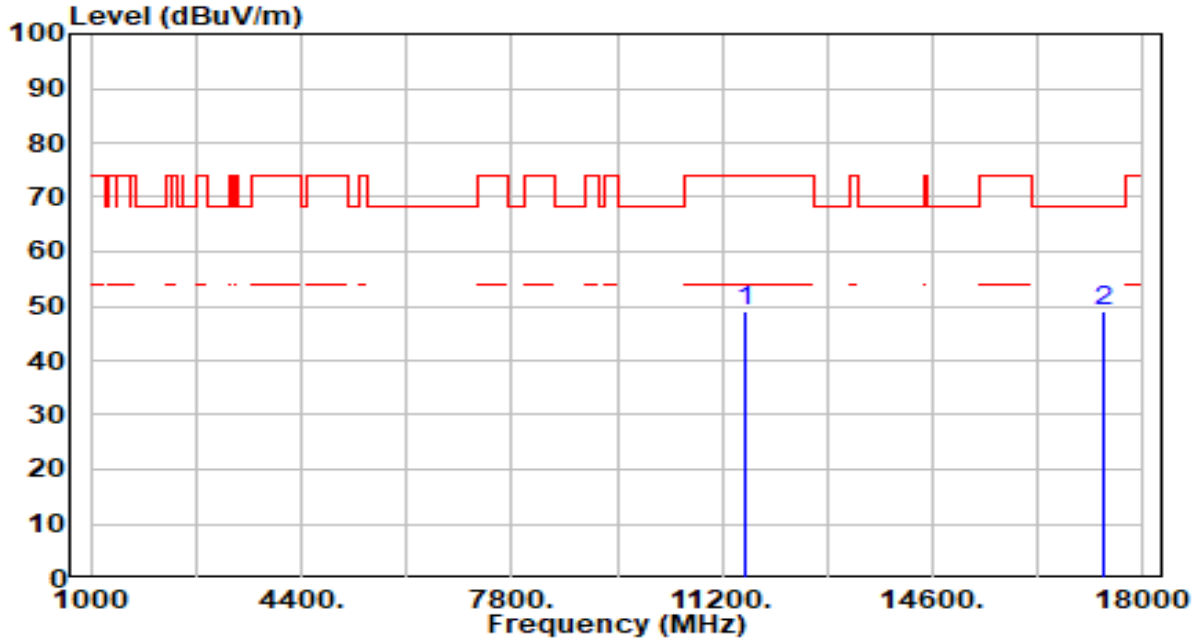


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	46.90	3.65	50.55	-23.45	74.00	100	280	Peak
2	* 17355.000	44.77	4.06	48.83	-19.37	68.20	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

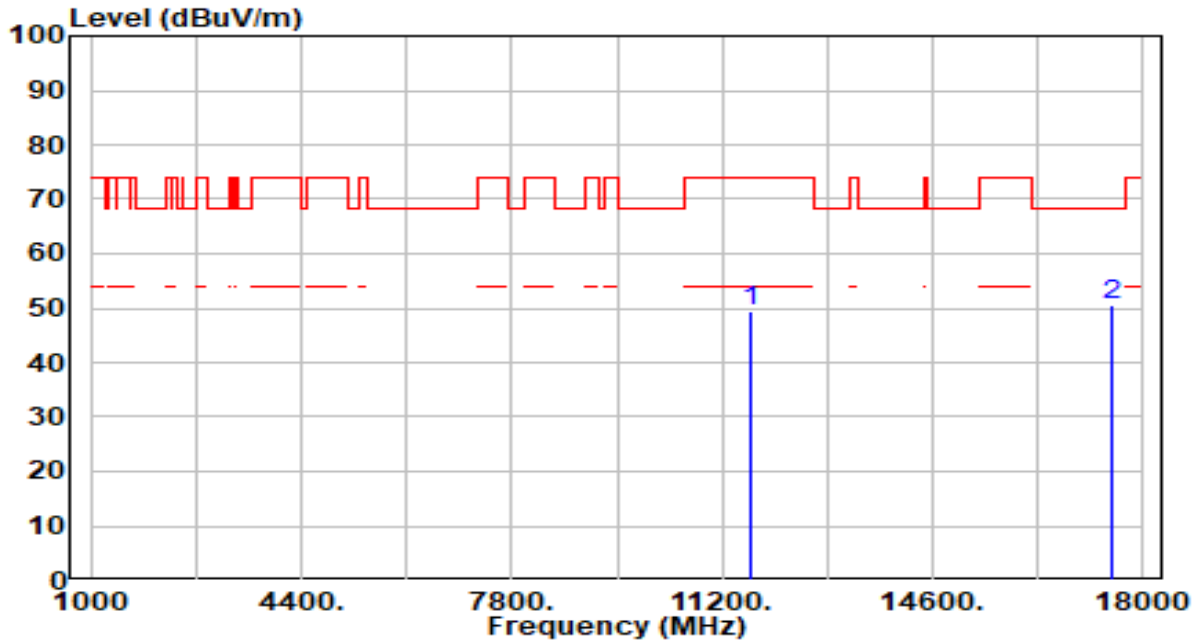


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	45.39	3.65	49.04	-24.96	74.00	100	226	Peak
2	* 17355.000	44.84	4.06	48.90	-19.30	68.20	100	345	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

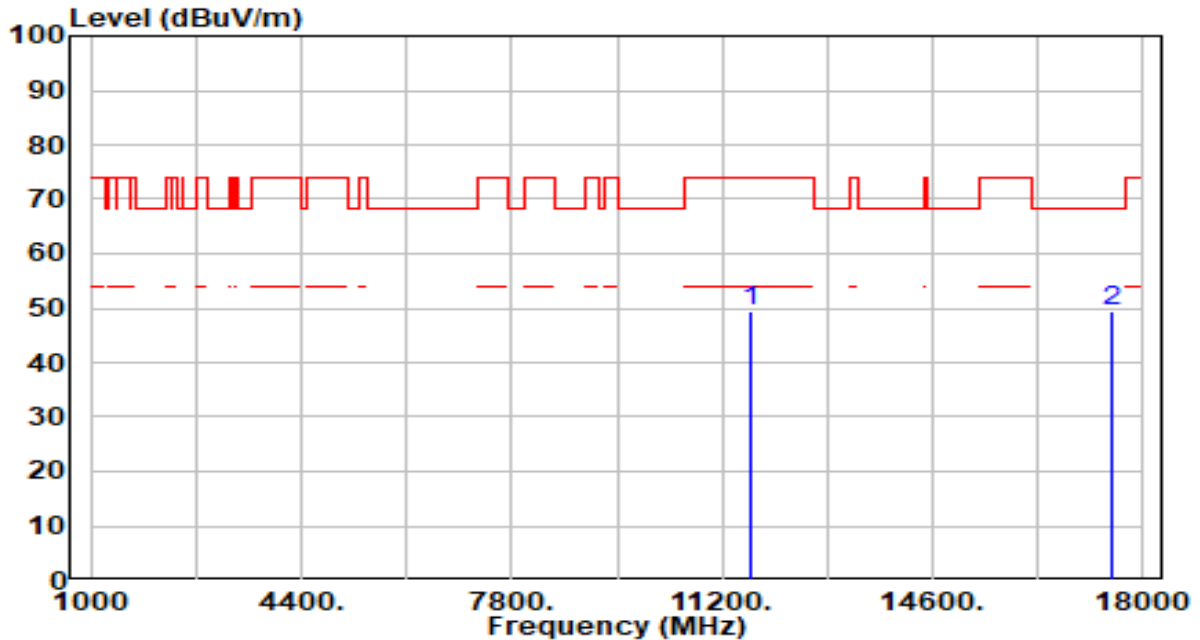


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	45.65	3.66	49.31	-24.69	74.00	100	98	Peak
2	* 17475.000	46.83	3.89	50.72	-17.48	68.20	100	198	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

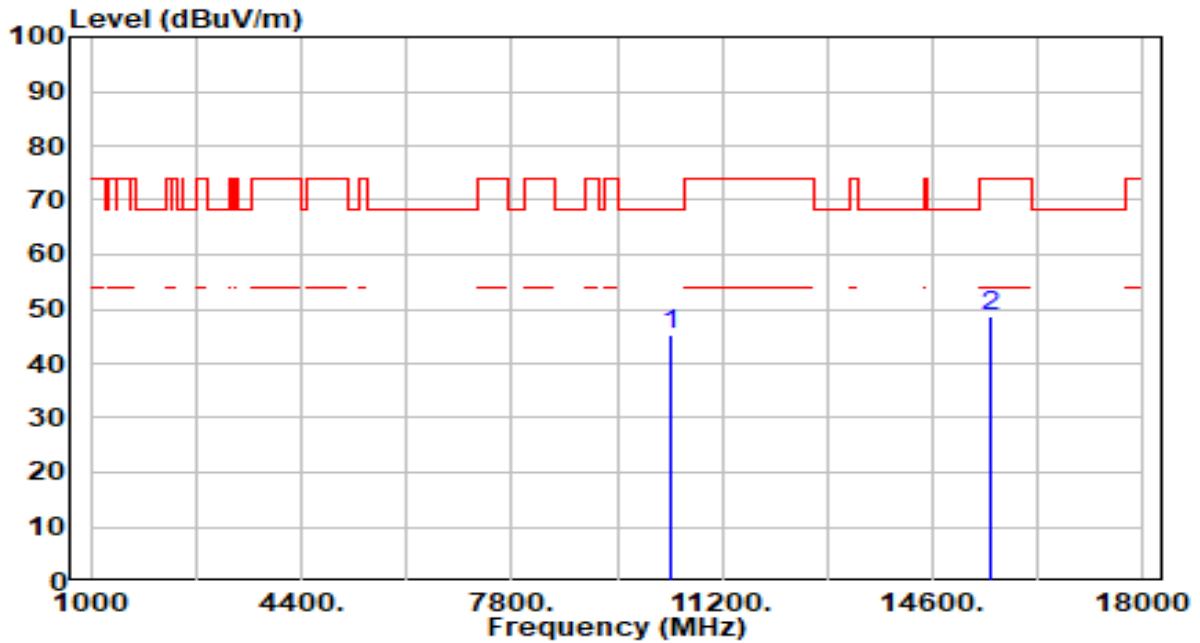


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	45.92	3.66	49.59	-24.41	74.00	100	163	Peak
2	* 17475.000	45.49	3.89	49.39	-18.81	68.20	100	103	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

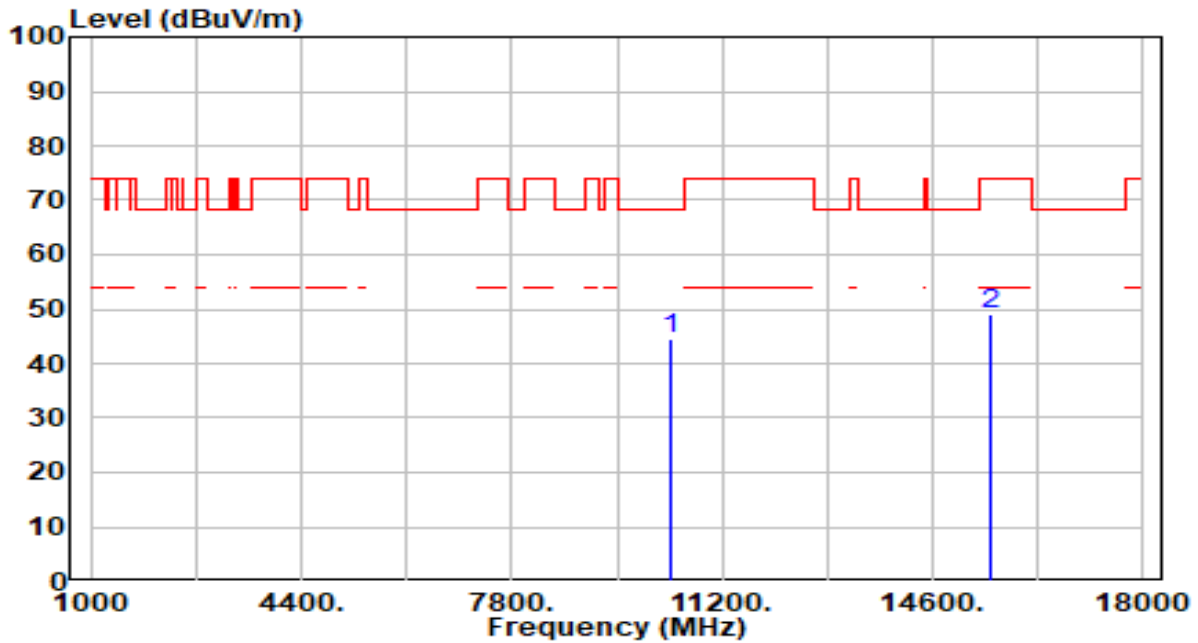


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10360.000	42.29	2.81	45.10	-23.10	68.20	100	0	Peak
2	15540.000	44.26	4.52	48.79	-25.21	74.00	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

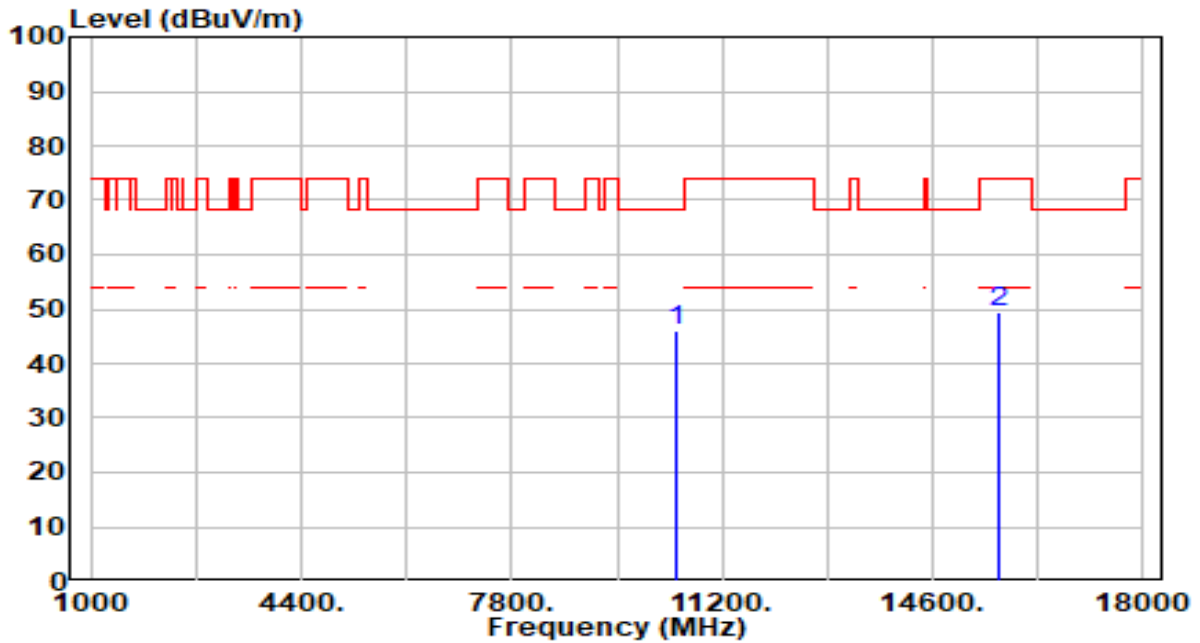


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10360.000	41.86	2.81	44.67	-23.53	68.20	100	199	Peak
2	15540.000	44.59	4.52	49.11	-24.89	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

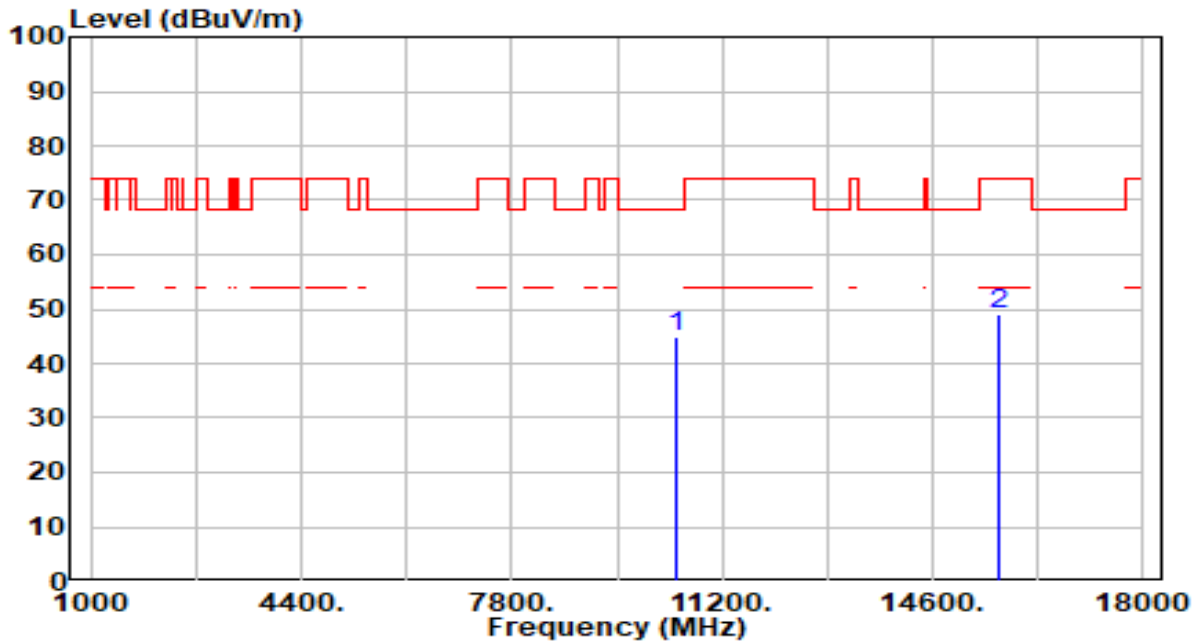


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10440.000	43.19	2.72	45.91	-22.29	68.20	100	238	Peak
2	15660.000	44.84	4.67	49.51	-24.49	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz



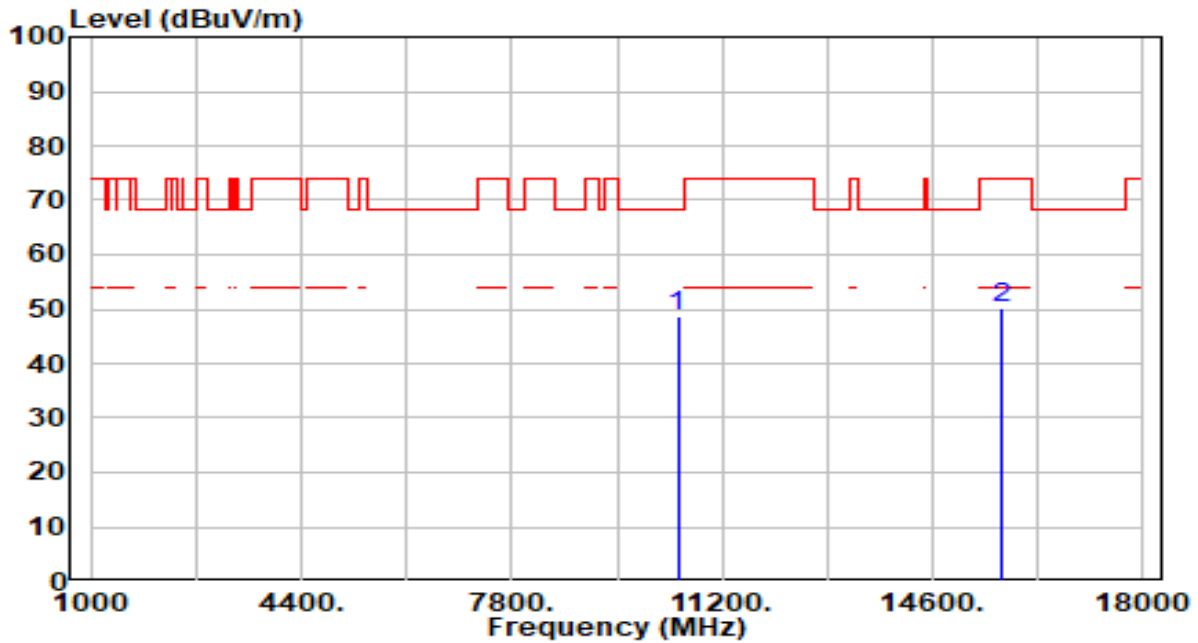
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10440.000	42.08	2.72	44.80	-23.40	68.20	100	224	Peak
2	15660.000	44.49	4.67	49.16	-24.84	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz

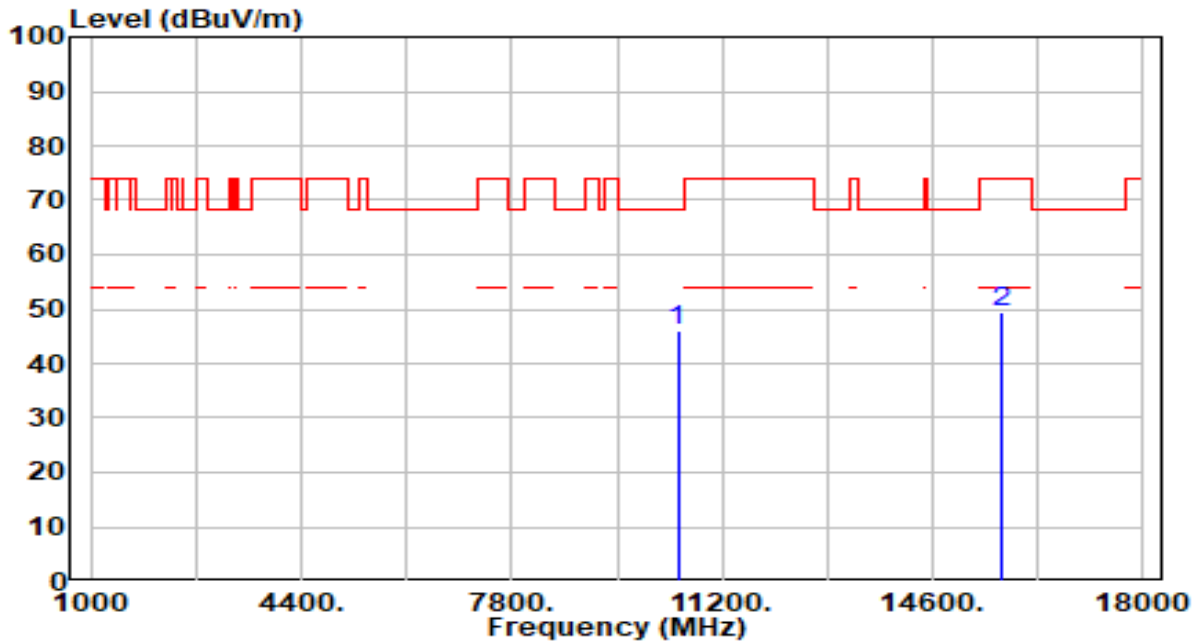


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10480.000	46.00	2.68	48.68	-19.52	68.20	100	132	Peak
2	15720.000	45.20	4.84	50.03	-23.97	74.00	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz

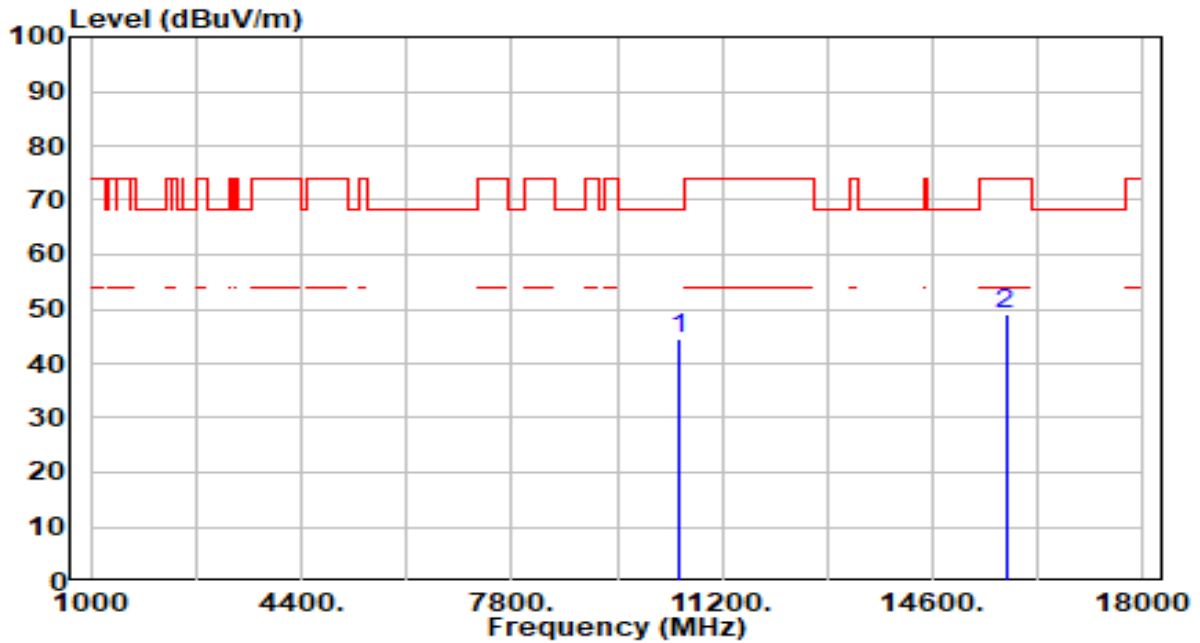


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10480.000	43.24	2.68	45.92	-22.28	68.20	100	267	Peak
2	15720.000	44.64	4.84	49.48	-24.52	74.00	100	278	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

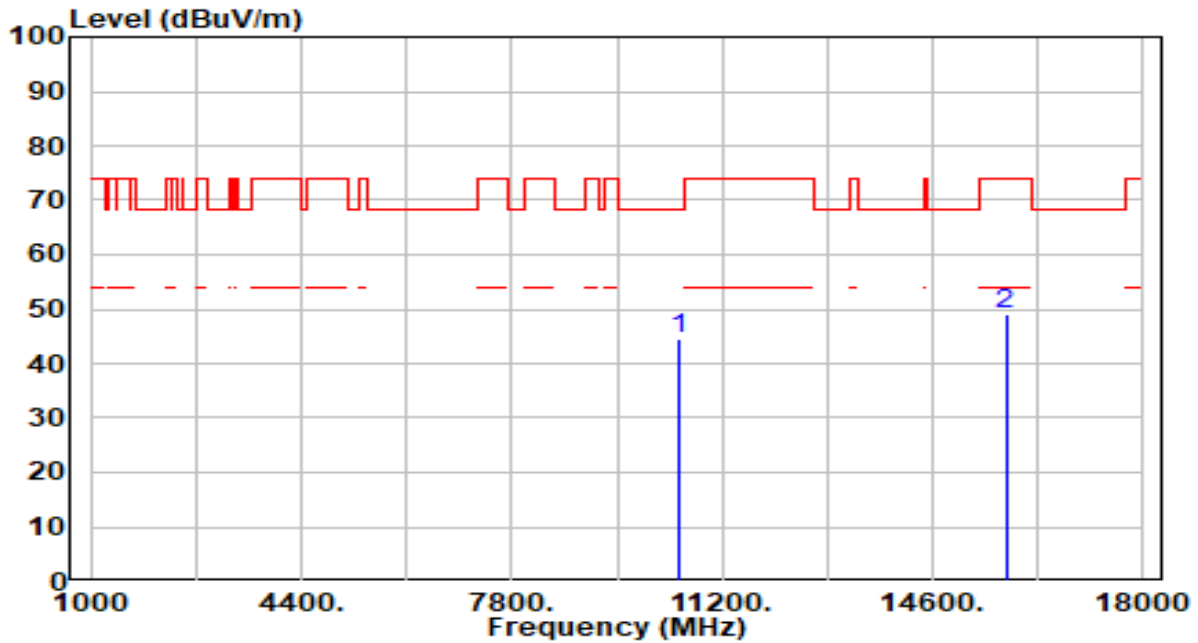


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10520.000	41.91	2.64	44.55	-23.65	68.20	100	22	Peak
2	15780.000	43.95	5.00	48.95	-25.05	74.00	100	342	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

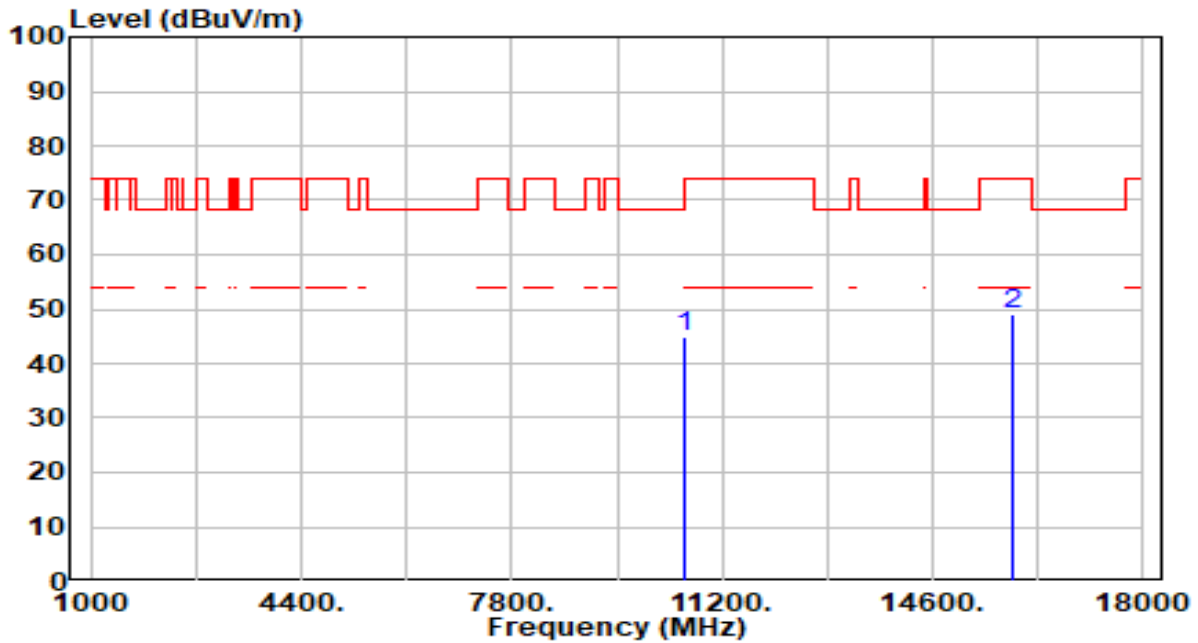


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10520.000	42.03	2.64	44.67	-23.53	68.20	100	63	Peak
2	15780.000	44.12	5.00	49.12	-24.88	74.00	100	23	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

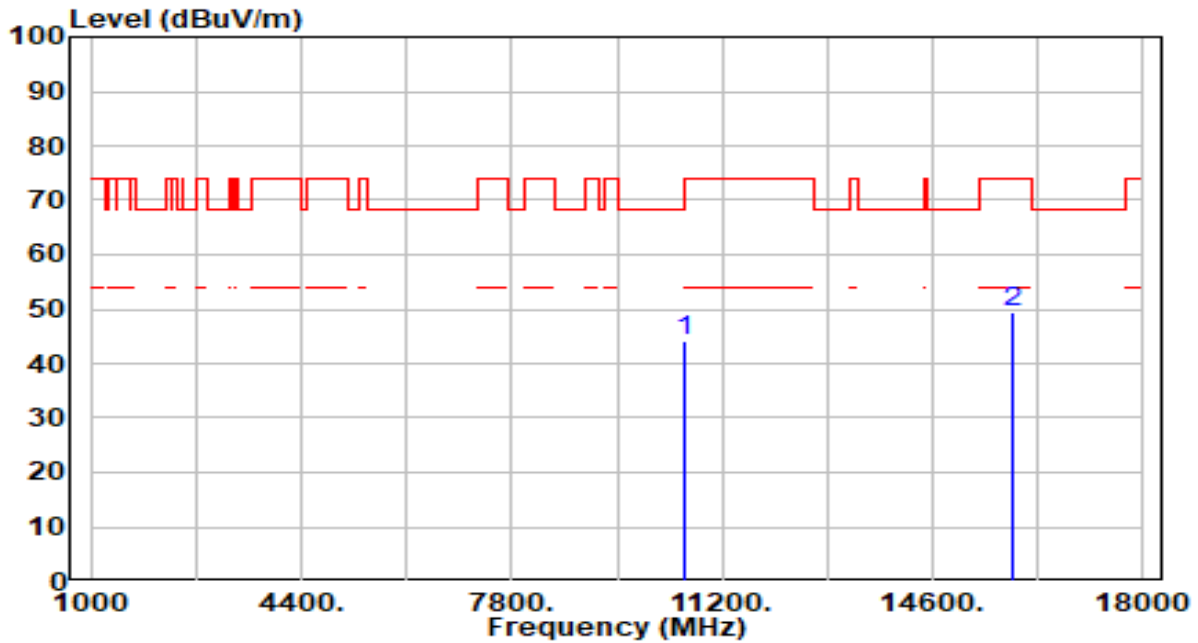


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	42.40	2.60	45.00	-23.20	68.20	100	85	Peak
2	15900.000	44.06	5.13	49.19	-24.81	74.00	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

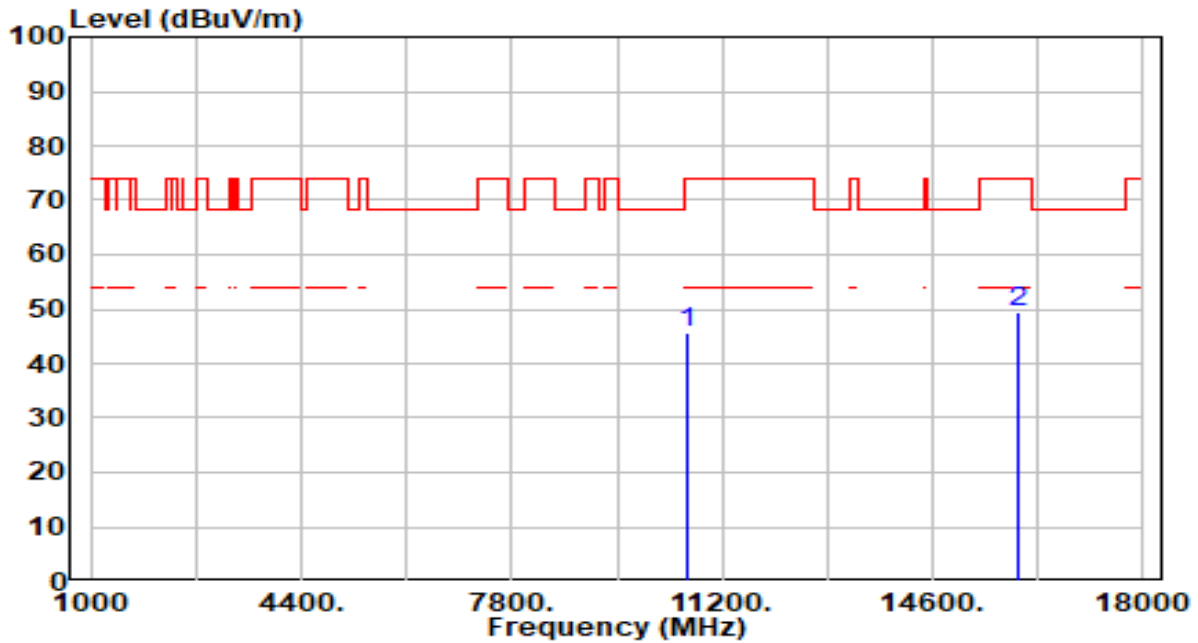


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	41.37	2.60	43.97	-24.23	68.20	100	39	Peak
2	15900.000	44.45	5.13	49.57	-24.43	74.00	100	200	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

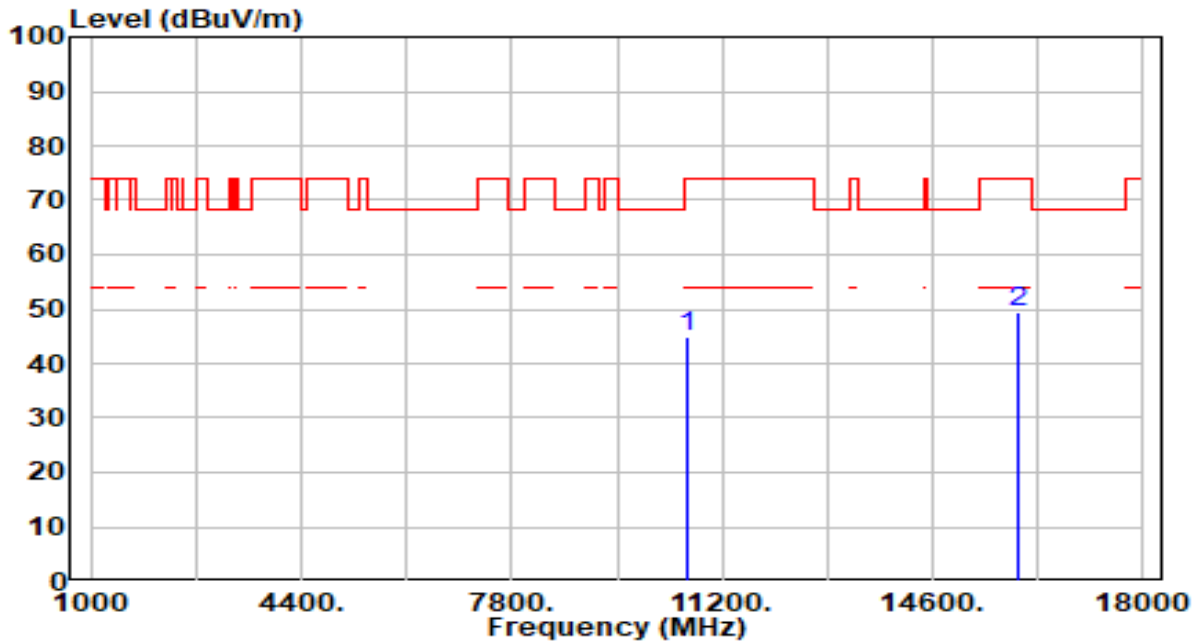


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	43.04	2.62	45.67	-28.33	74.00	100	106	Peak
2	* 15960.000	44.31	5.17	49.49	-24.51	74.00	100	192	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz



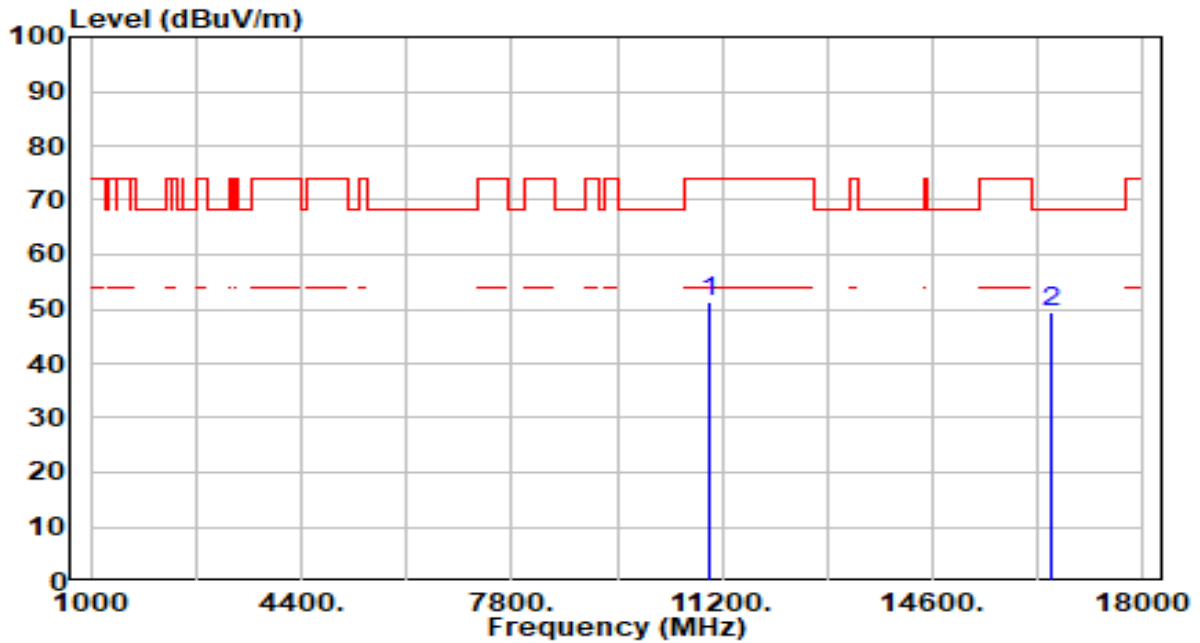
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	42.20	2.62	44.82	-29.18	74.00	100	82	Peak
2	* 15960.000	44.13	5.17	49.30	-24.70	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

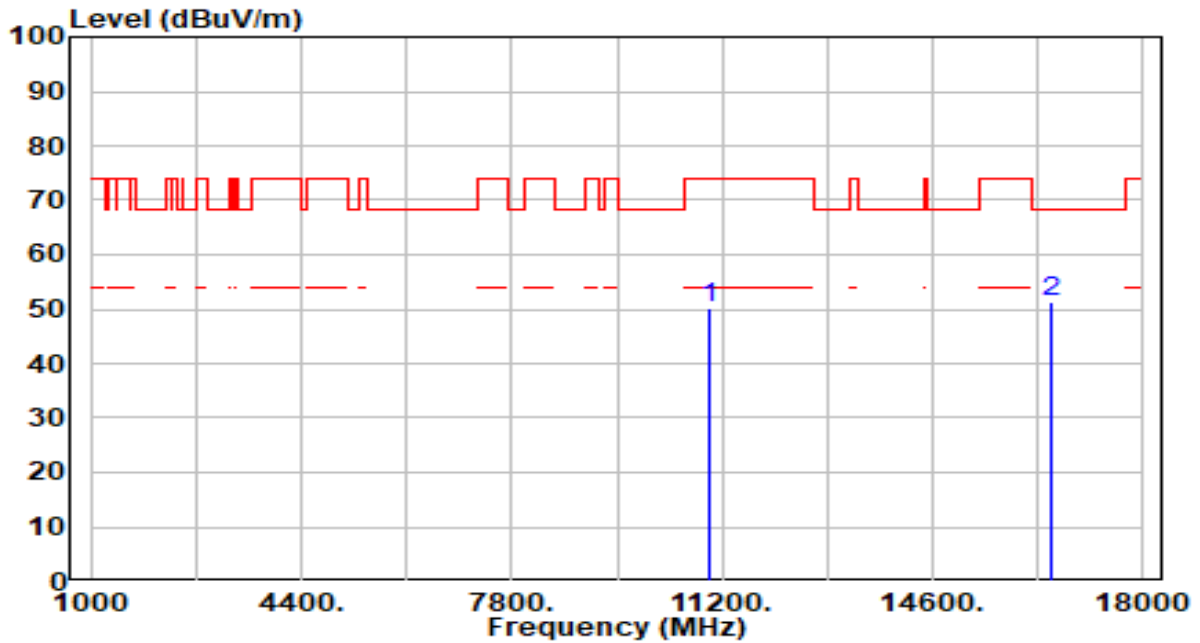


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	48.60	2.60	51.20	-22.80	74.00	100	250	Peak
2	* 16500.000	44.64	4.63	49.27	-18.93	68.20	100	148	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

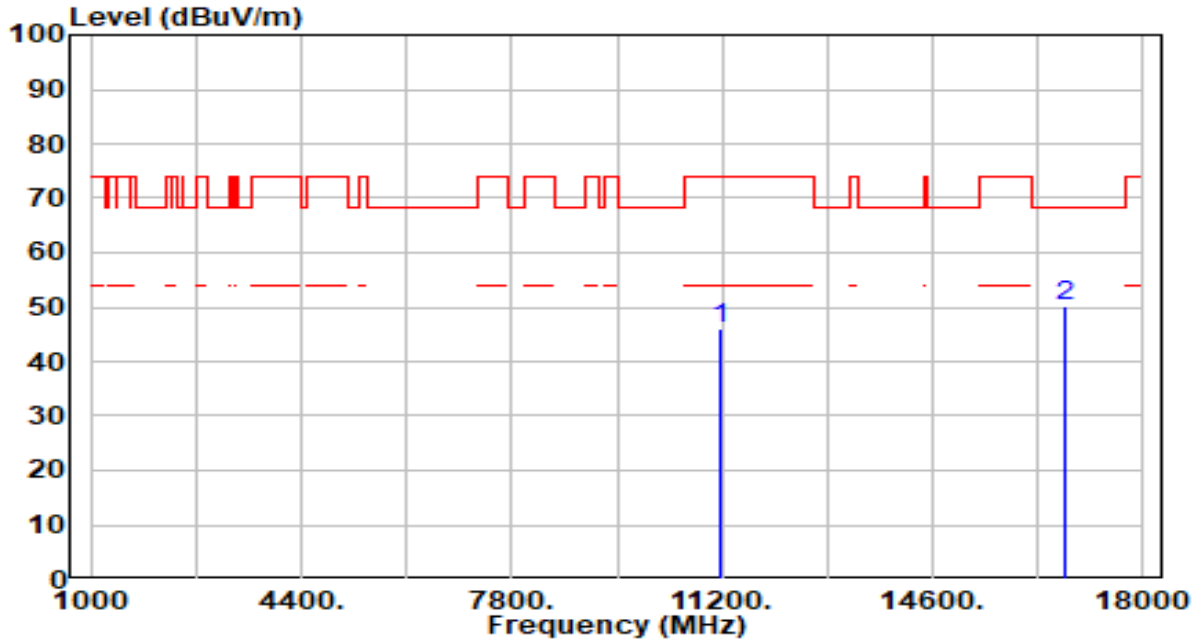


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	47.74	2.60	50.34	-23.66	74.00	100	360	Peak
2	* 16500.000	46.71	4.63	51.34	-16.86	68.20	100	102	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

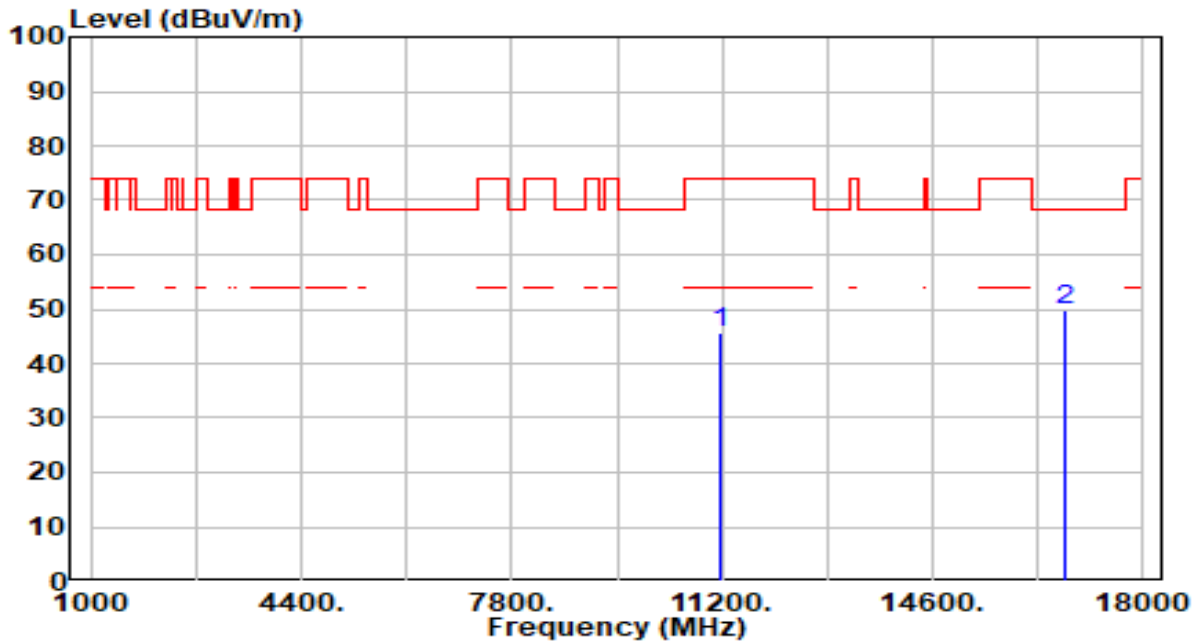


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.86	3.07	45.94	-28.06	74.00	100	258	Peak
2	* 16740.000	45.64	4.66	50.30	-17.90	68.20	100	65	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

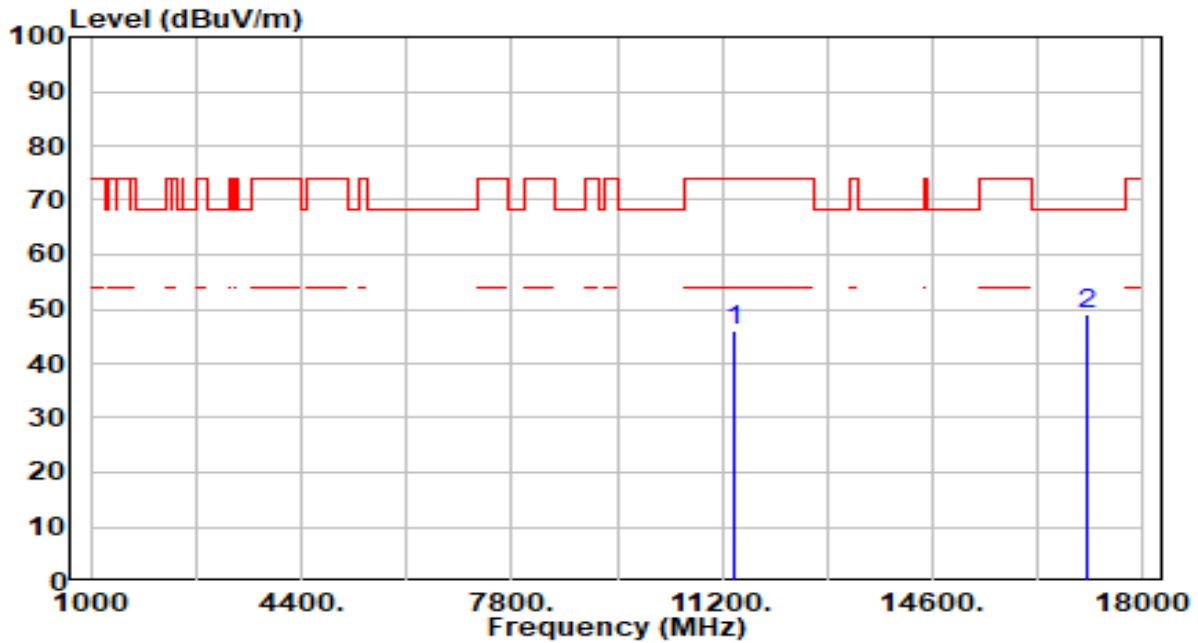


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.43	3.07	45.50	-28.50	74.00	100	14	Peak
2	* 16740.000	45.02	4.66	49.68	-18.52	68.20	100	326	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

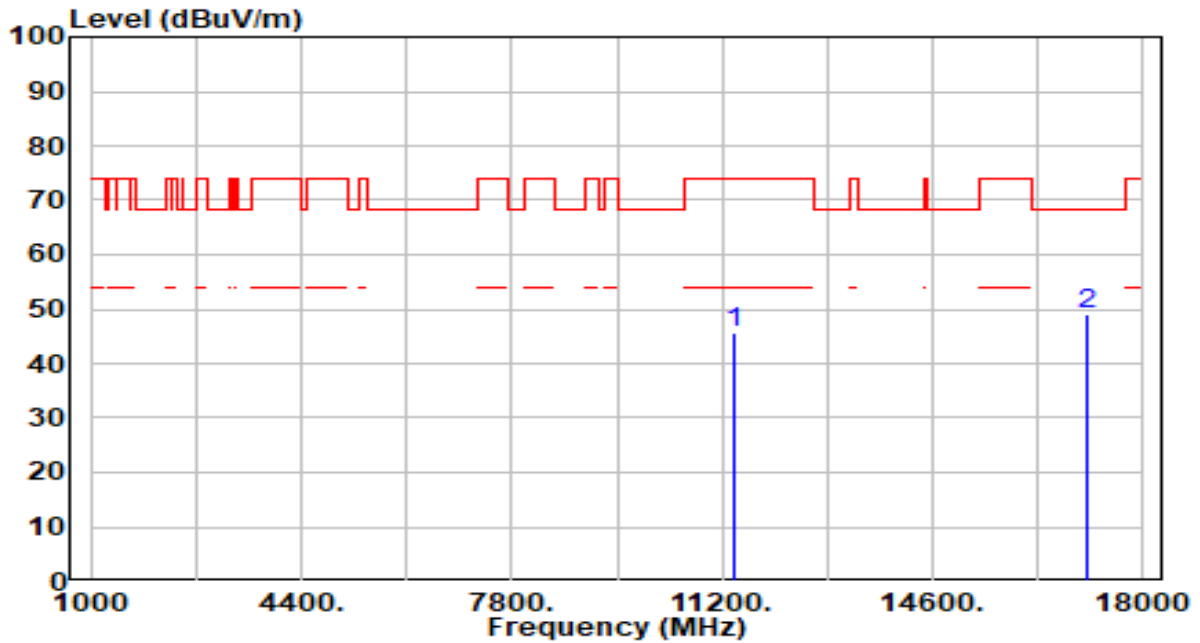


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	42.46	3.48	45.94	-28.06	74.00	100	337	Peak
2	* 17100.000	44.09	4.79	48.88	-19.32	68.20	100	41	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

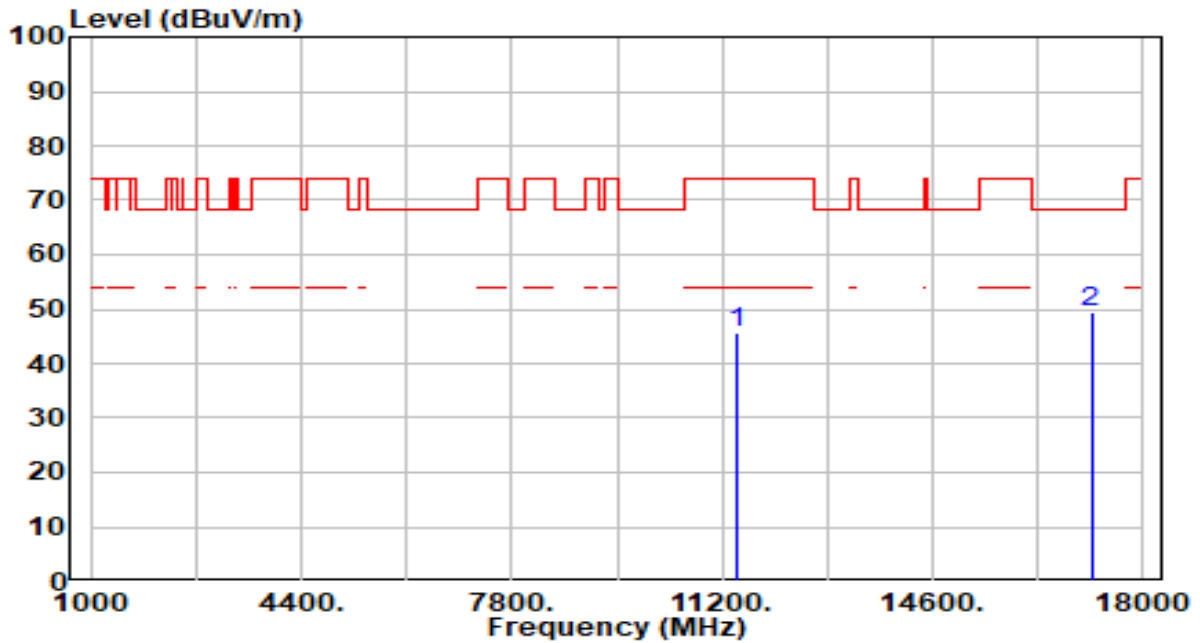


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	42.21	3.48	45.69	-28.31	74.00	100	33	Peak
2	* 17100.000	44.09	4.79	48.88	-19.32	68.20	100	116	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz

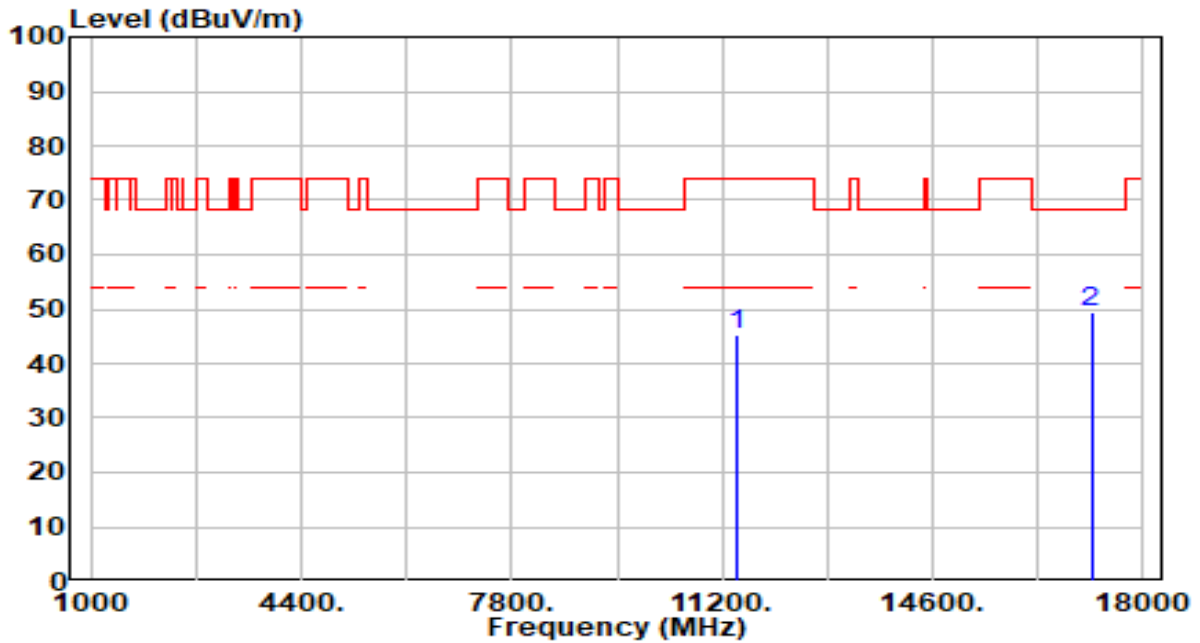


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	42.15	3.52	45.67	-28.33	74.00	100	85	Peak
2	* 17160.000	44.72	4.66	49.37	-18.83	68.20	100	286	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz



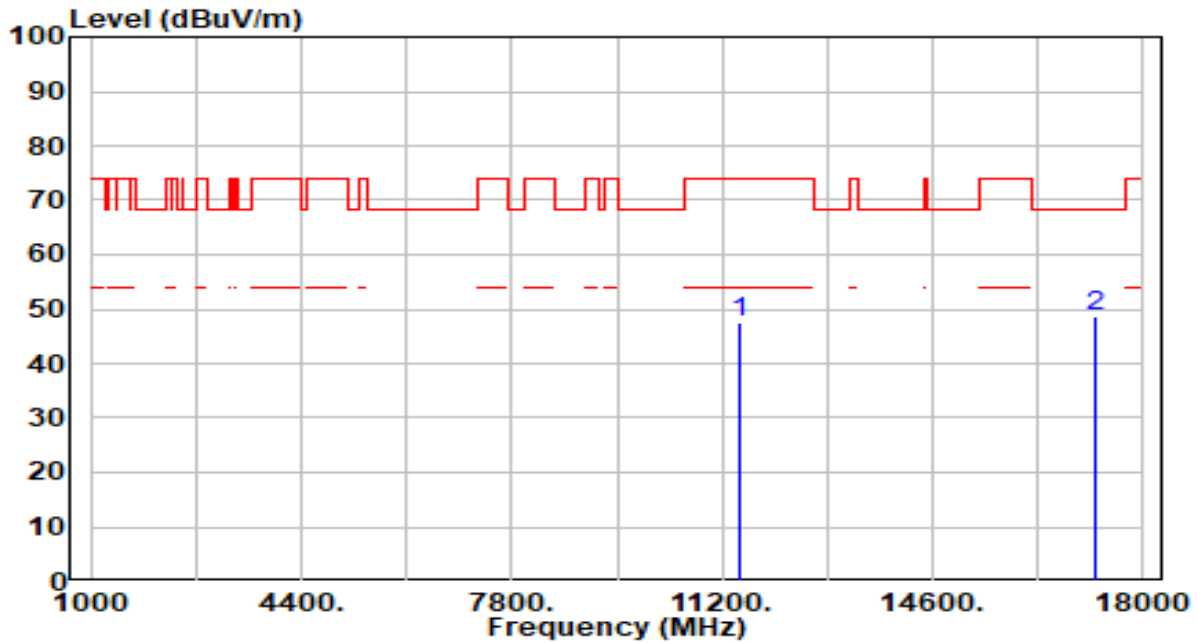
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	41.81	3.52	45.33	-28.67	74.00	100	112	Peak
2	* 17160.000	44.64	4.66	49.29	-18.91	68.20	100	9	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

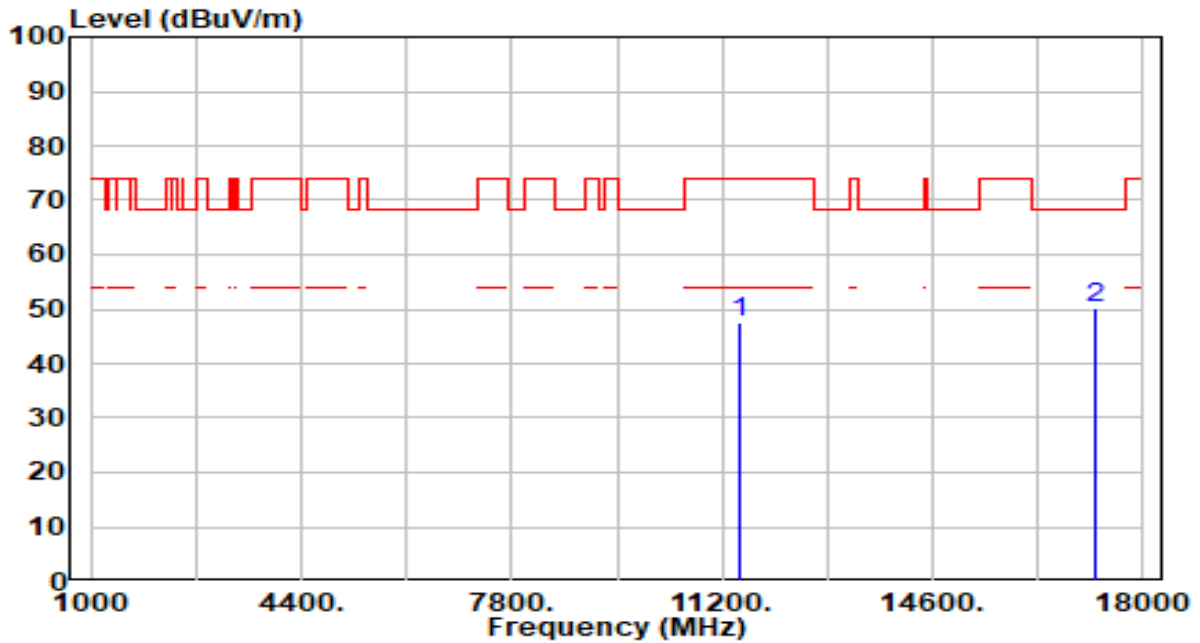


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	43.94	3.57	47.50	-26.50	74.00	100	228	Peak
2	* 17235.000	44.19	4.45	48.64	-19.56	68.20	100	133	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

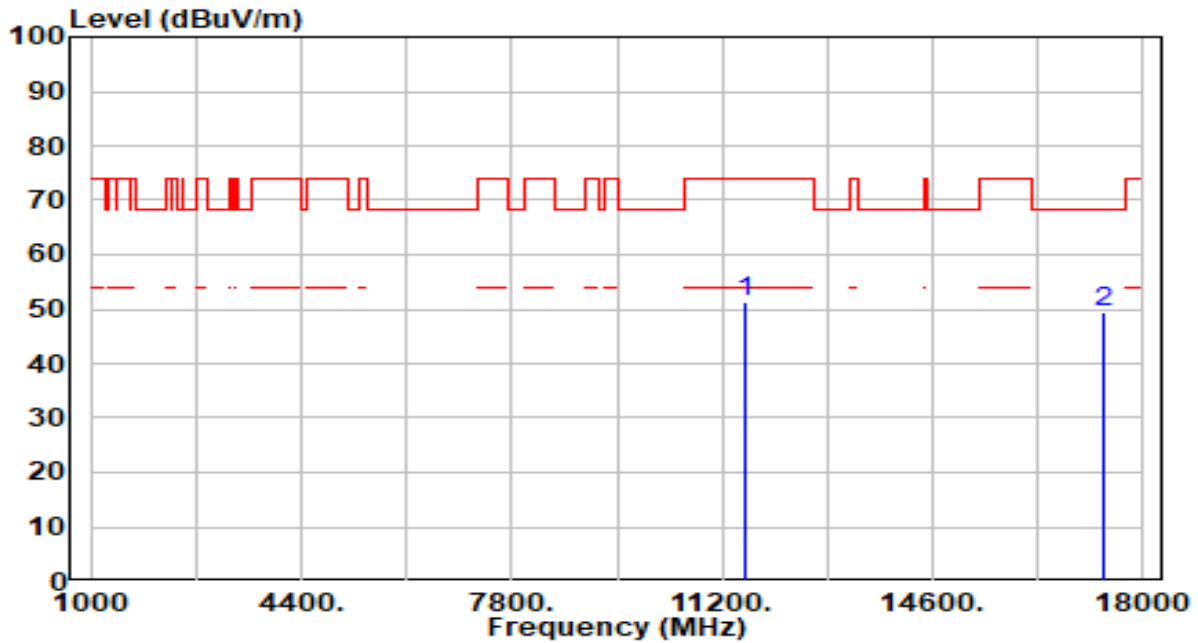


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	43.96	3.57	47.52	-26.48	74.00	100	52	Peak
2	* 17235.000	45.84	4.45	50.29	-17.91	68.20	100	59	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

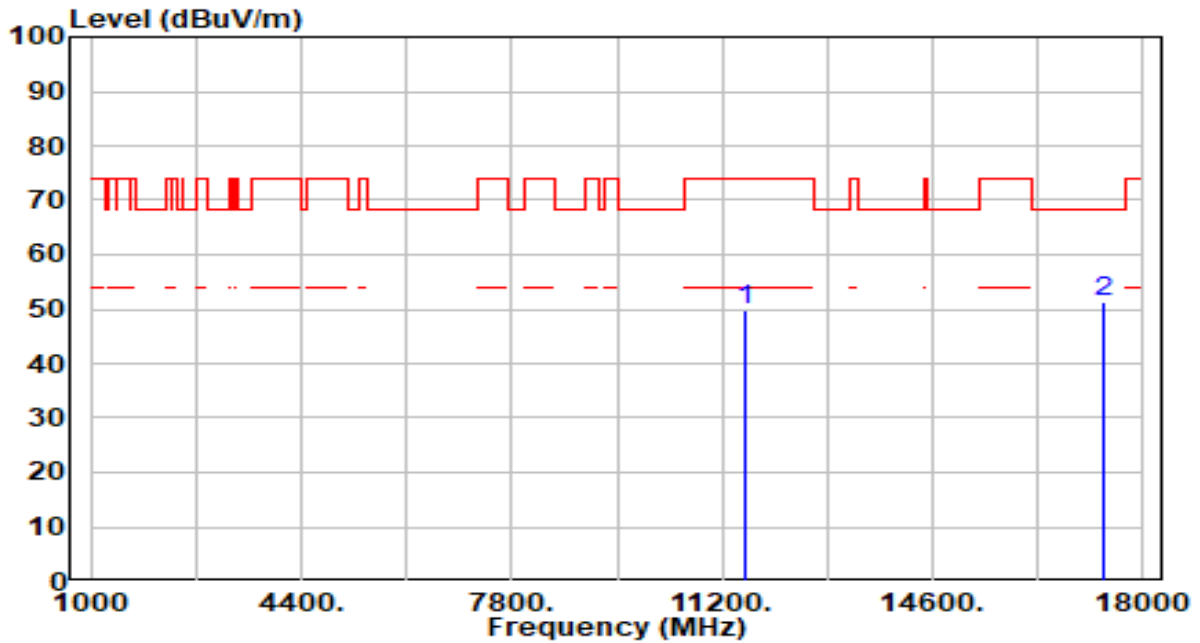


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	47.55	3.65	51.20	-22.80	74.00	100	328	Peak
2	* 17355.000	45.23	4.06	49.29	-18.91	68.20	100	265	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

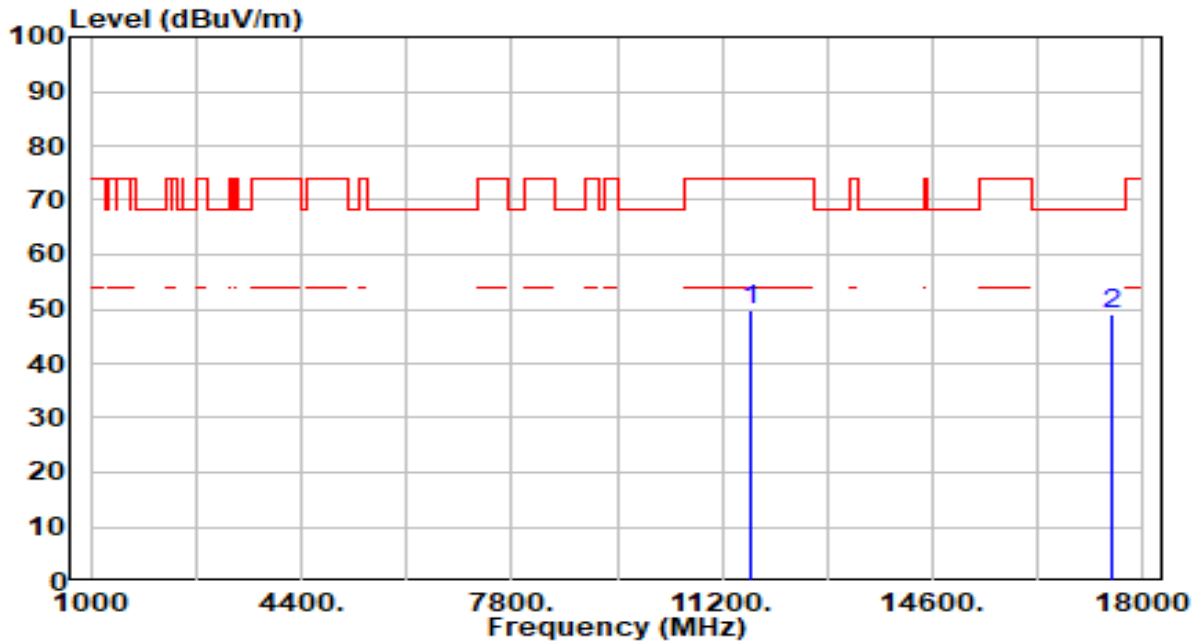


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	46.01	3.65	49.66	-24.34	74.00	100	55	Peak
2	* 17355.000	47.34	4.06	51.40	-16.80	68.20	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

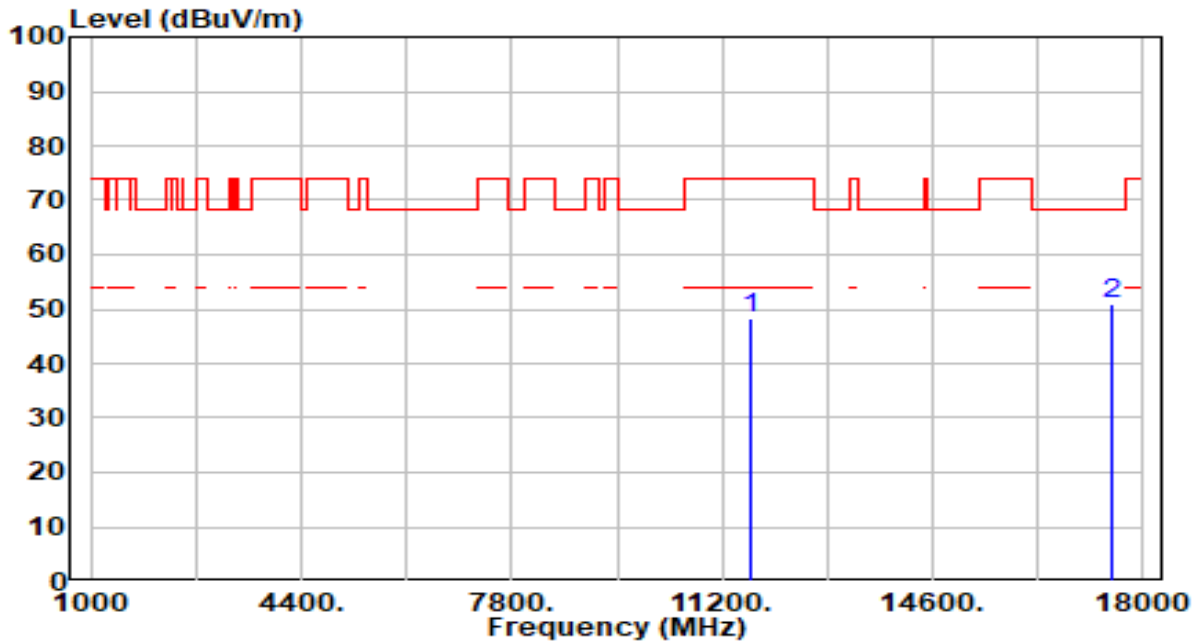


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	46.13	3.66	49.79	-24.21	74.00	100	273	Peak
2	* 17475.000	45.34	3.89	49.23	-18.97	68.20	100	253	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

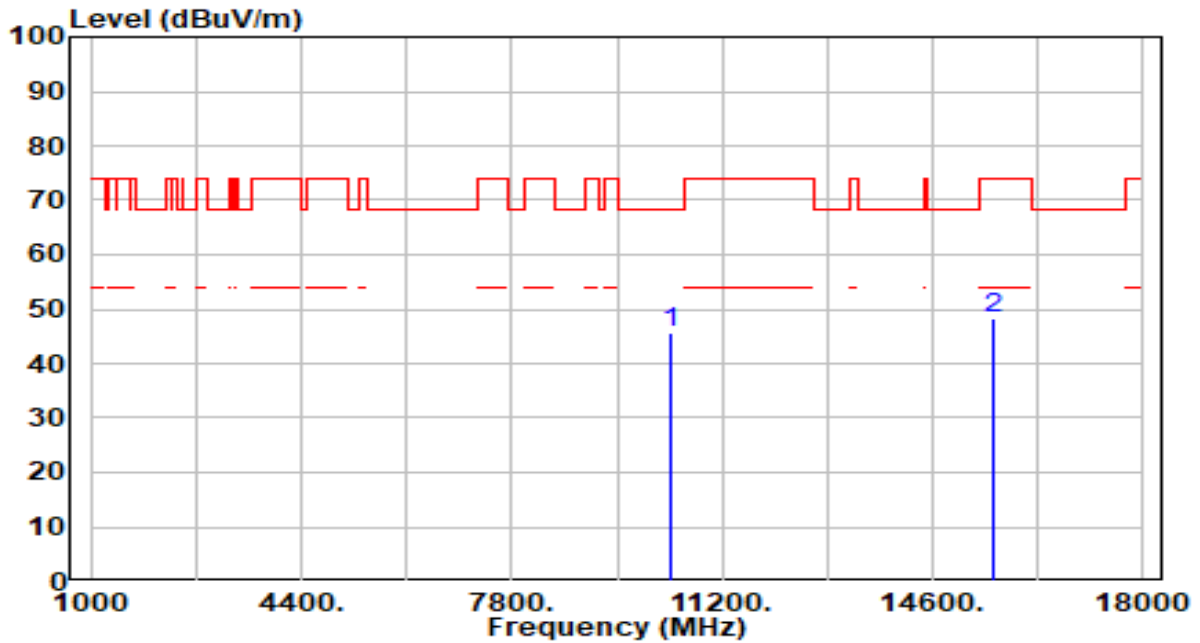


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	44.82	3.66	48.49	-25.51	74.00	100	27	Peak
2	* 17475.000	47.12	3.89	51.01	-17.19	68.20	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

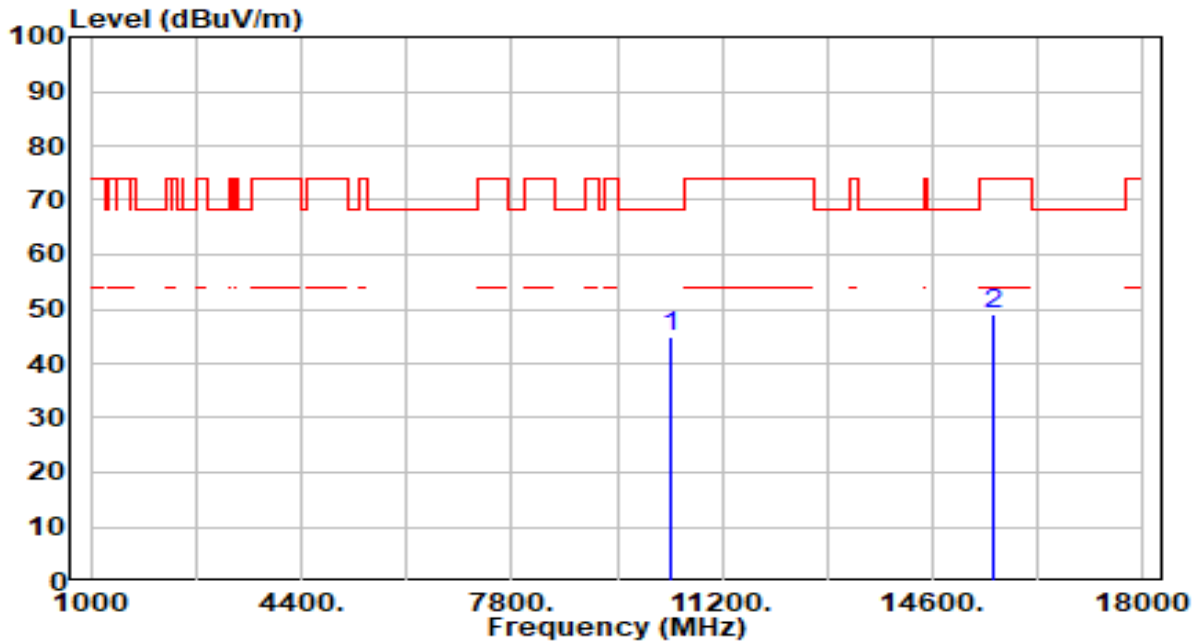


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	42.85	2.79	45.63	-22.57	68.20	100	196	Peak
2	15570.000	43.72	4.52	48.24	-25.76	74.00	100	82	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz



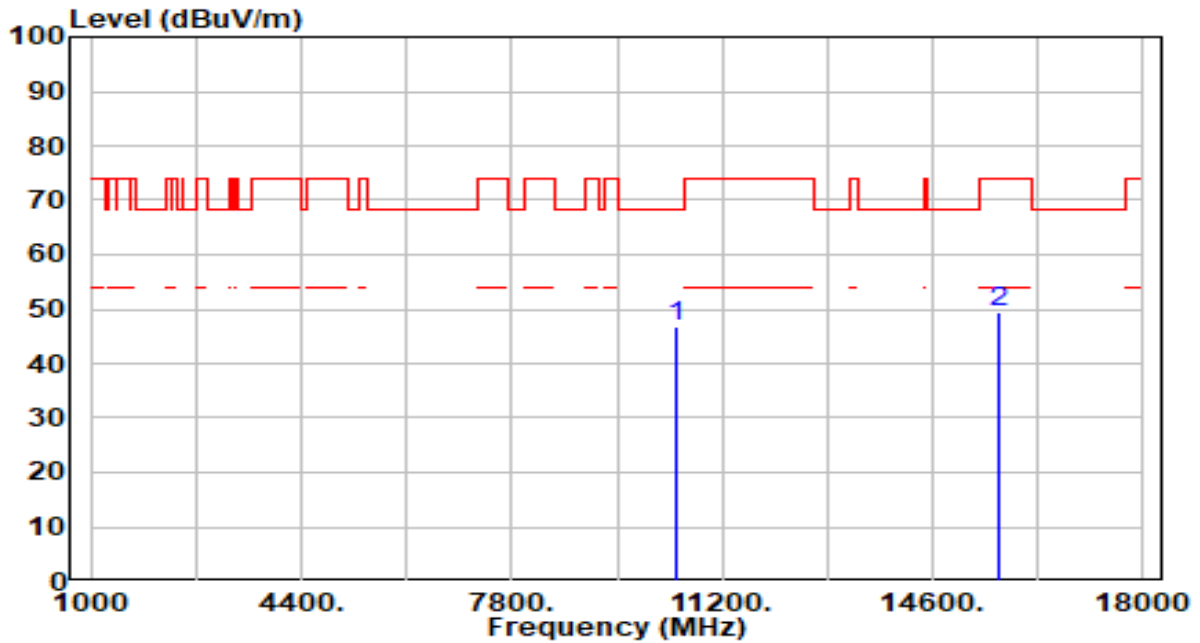
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	42.21	2.79	44.99	-23.21	68.20	100	254	Peak
2	15570.000	44.57	4.52	49.08	-24.92	74.00	100	140	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1+2	Test Voltage	AC 120V/60Hz

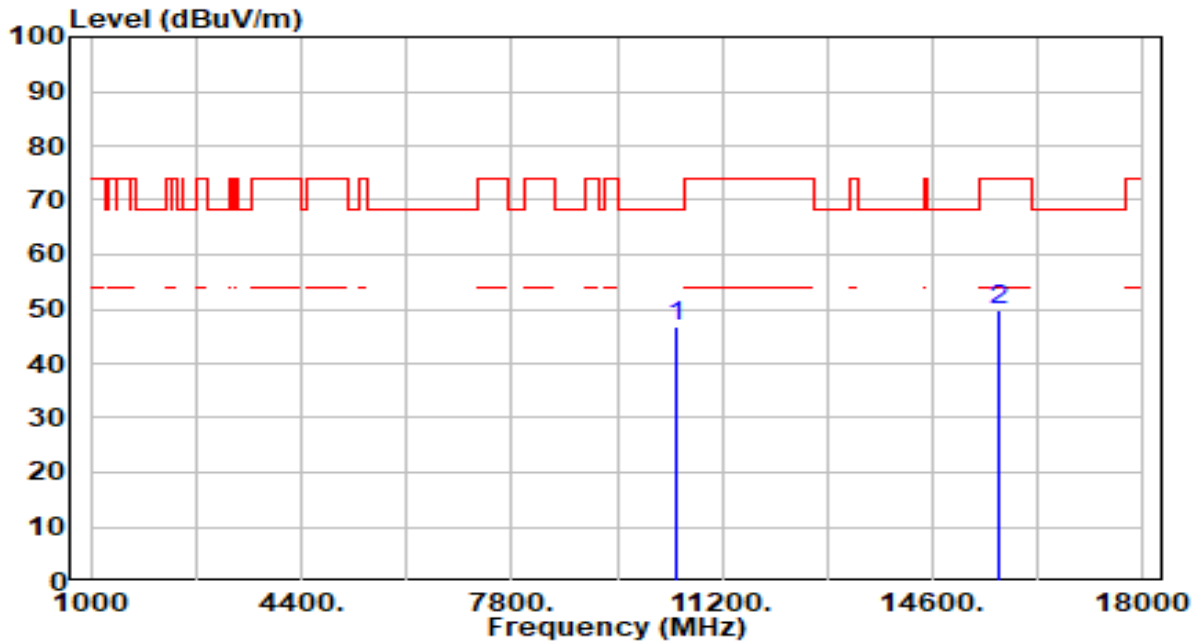


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10460.000	44.14	2.70	46.84	-21.36	68.20	100	138	Peak
2	15690.000	44.80	4.75	49.55	-24.45	74.00	100	1	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1+2	Test Voltage	AC 120V/60Hz

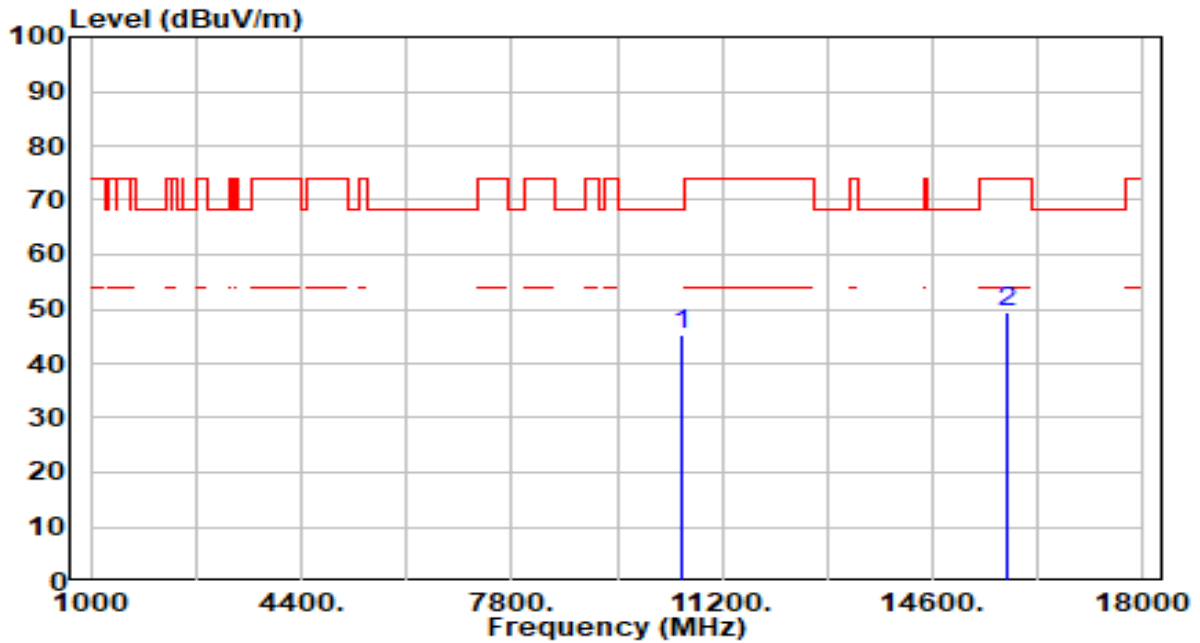


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10460.000	44.27	2.70	46.97	-21.23	68.20	100	360	Peak
2	15690.000	45.16	4.75	49.92	-24.08	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 54_ANT 0+1+2	Test Voltage	AC 120V/60Hz

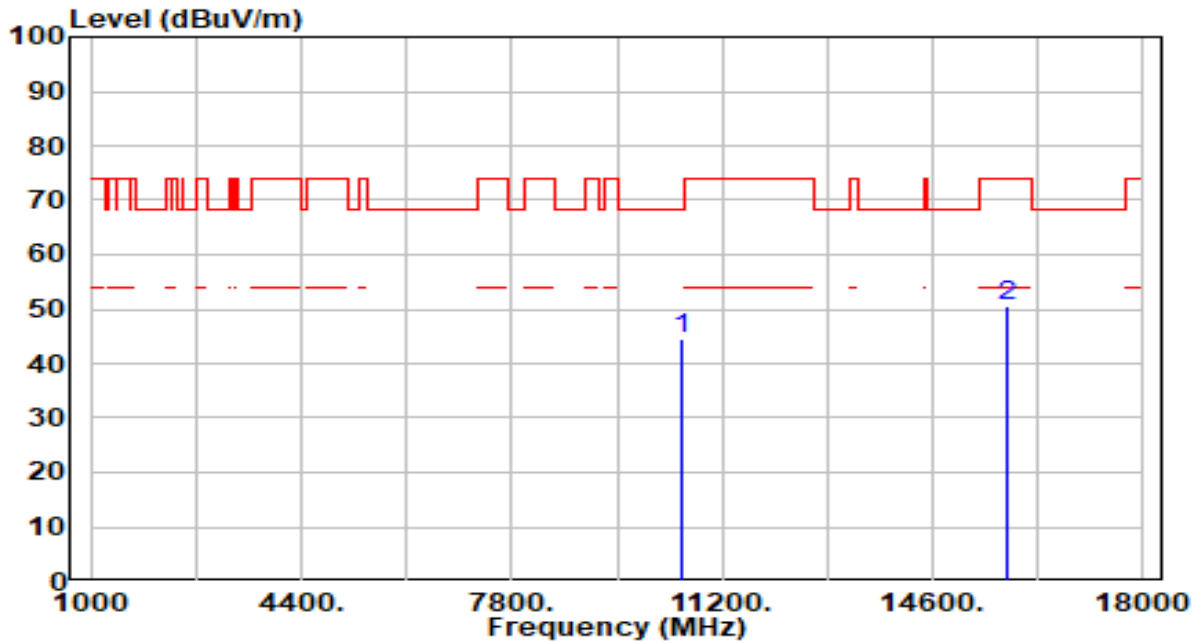


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10540.000	42.76	2.63	45.39	-22.81	68.20	100	224	Peak
2	15810.000	44.27	5.06	49.33	-24.67	74.00	100	343	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 54_ANT 0+1+2	Test Voltage	AC 120V/60Hz

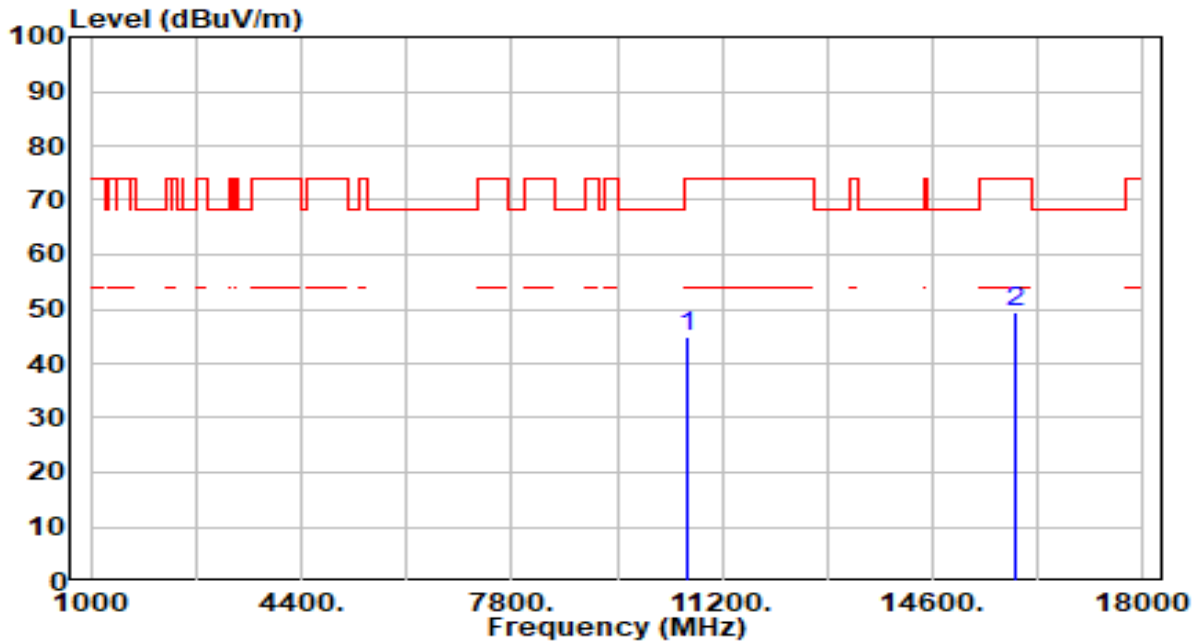


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10540.000	41.97	2.63	44.60	-23.60	68.20	100	243	Peak
2	* 15810.000	45.48	5.06	50.54	-23.46	74.00	100	46	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

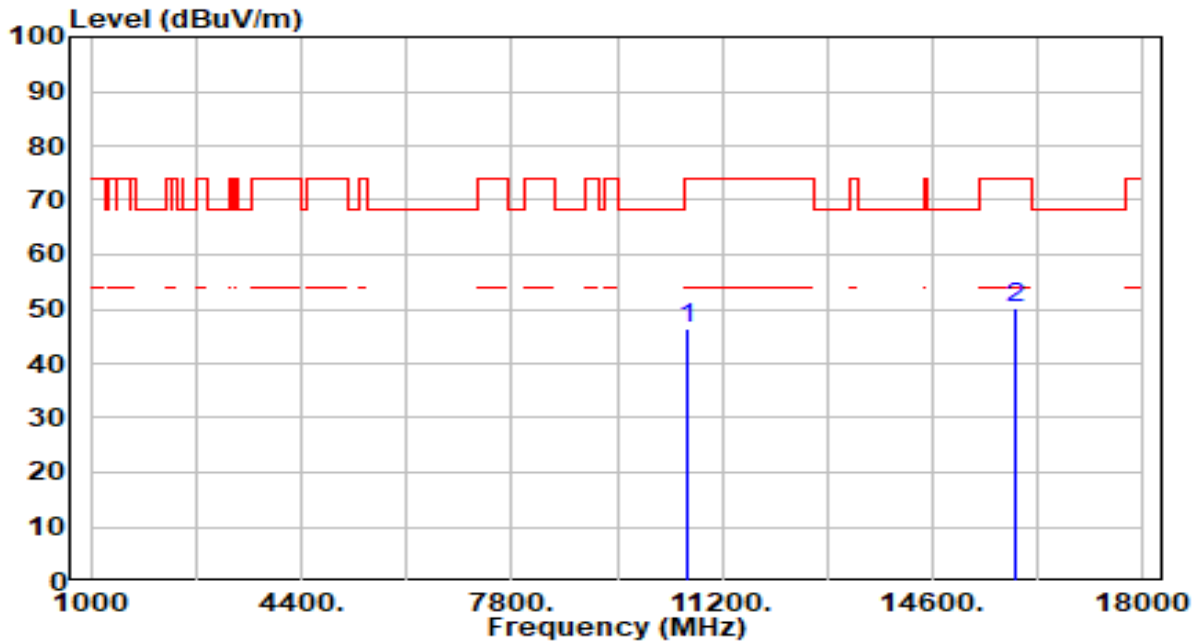


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10620.000	42.27	2.61	44.88	-29.12	74.00	100	153	Peak
2	* 15930.000	44.42	5.15	49.57	-24.43	74.00	100	244	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

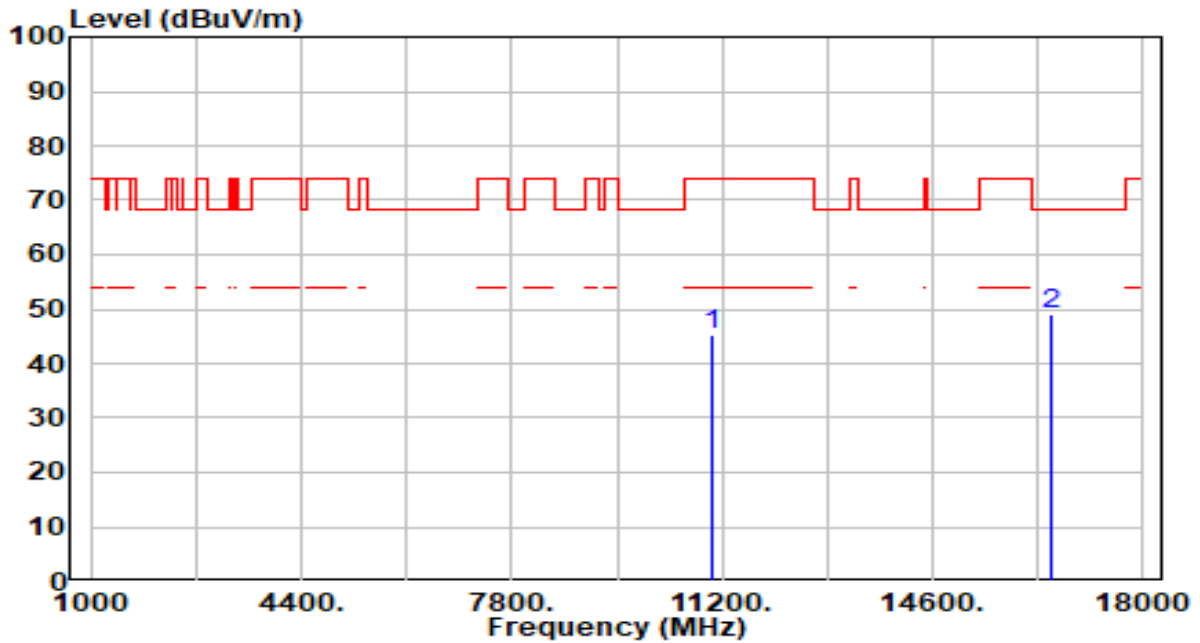


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10620.000	43.80	2.61	46.41	-27.59	74.00	100	337	Peak
2	* 15930.000	45.22	5.15	50.37	-23.63	74.00	100	282	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

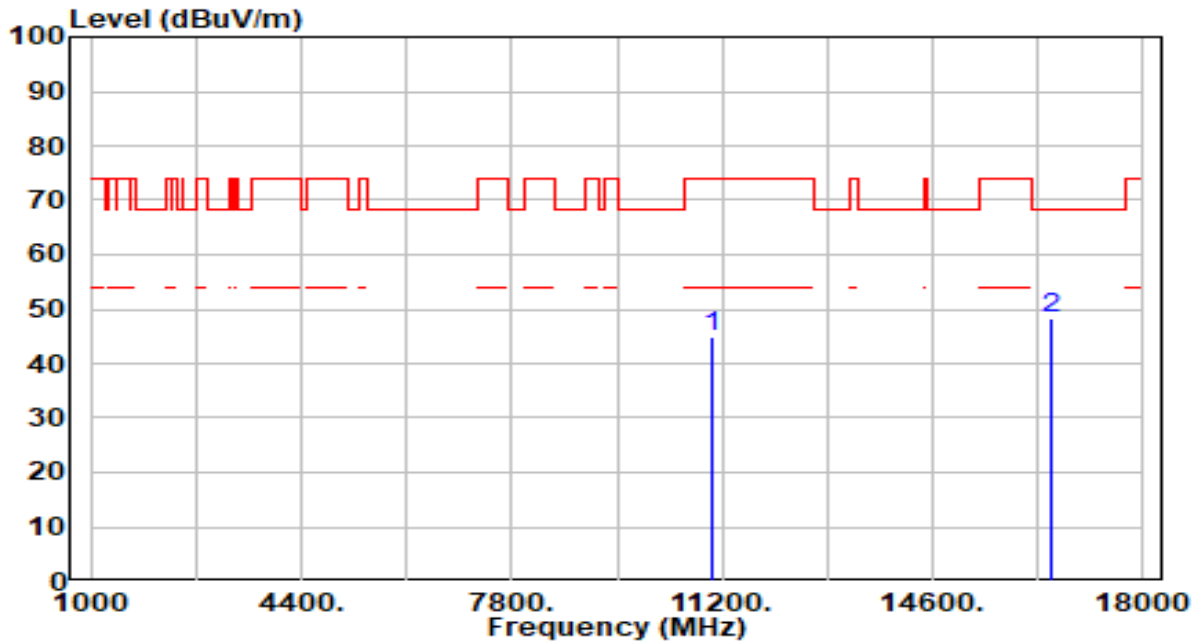


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	42.61	2.66	45.27	-28.73	74.00	100	236	Peak
2	* 16530.000	44.40	4.63	49.02	-19.18	68.20	100	82	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz



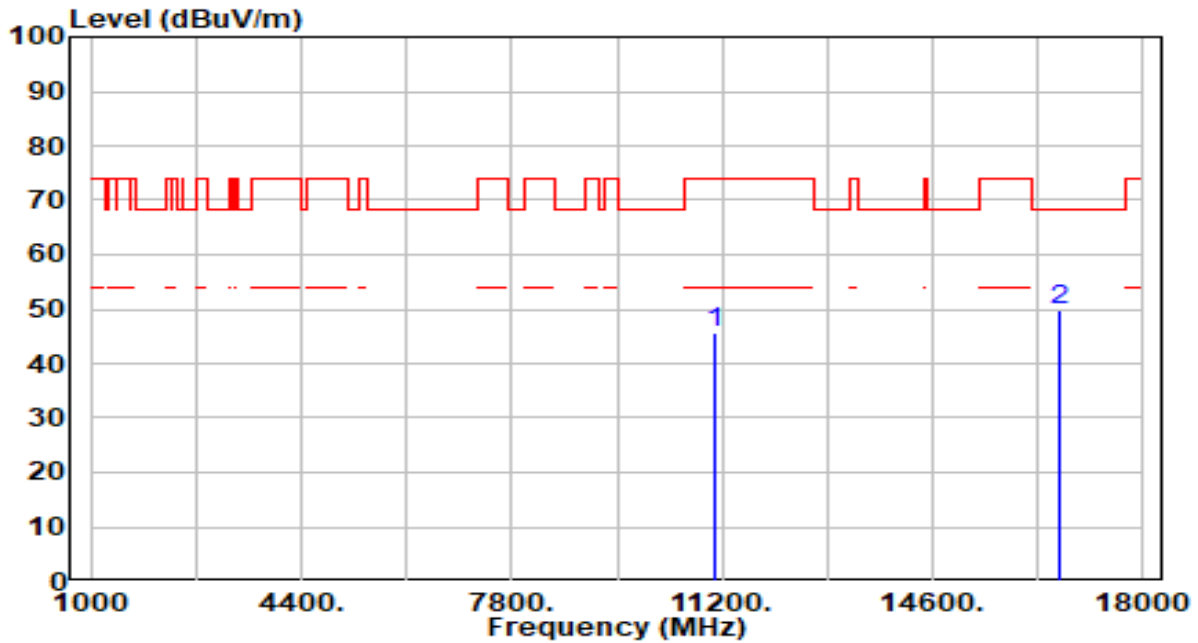
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	42.35	2.66	45.01	-28.99	74.00	100	3	Peak
2	* 16530.000	43.59	4.63	48.21	-19.99	68.20	100	194	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 110_ANT 0+1+2	Test Voltage	AC 120V/60Hz

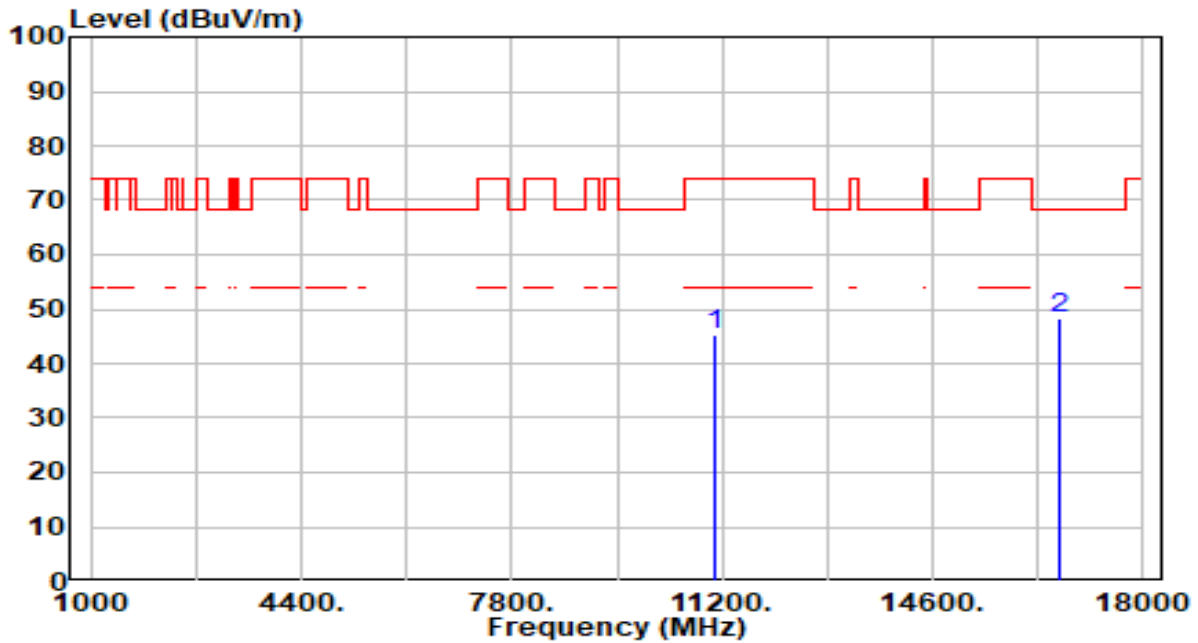


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	42.73	2.90	45.62	-28.38	74.00	100	234	Peak
2	* 16650.000	45.02	4.63	49.65	-18.55	68.20	100	238	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 110_ANT 0+1+2	Test Voltage	AC 120V/60Hz

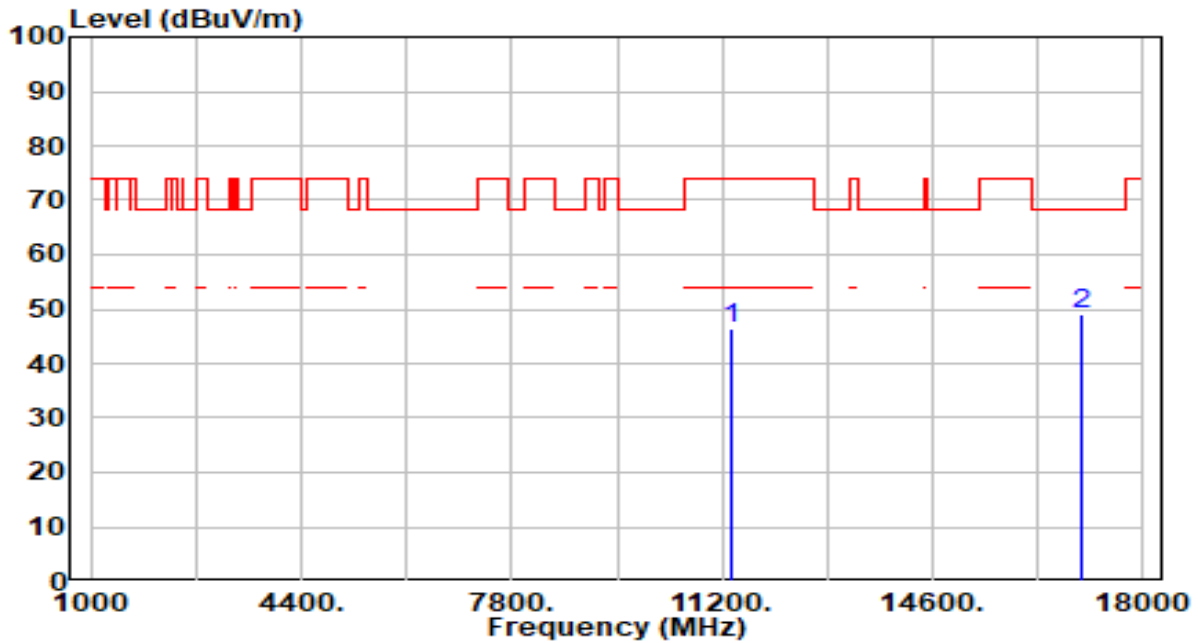


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	42.37	2.90	45.26	-28.74	74.00	100	90	Peak
2	* 16650.000	43.79	4.63	48.42	-19.78	68.20	100	318	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

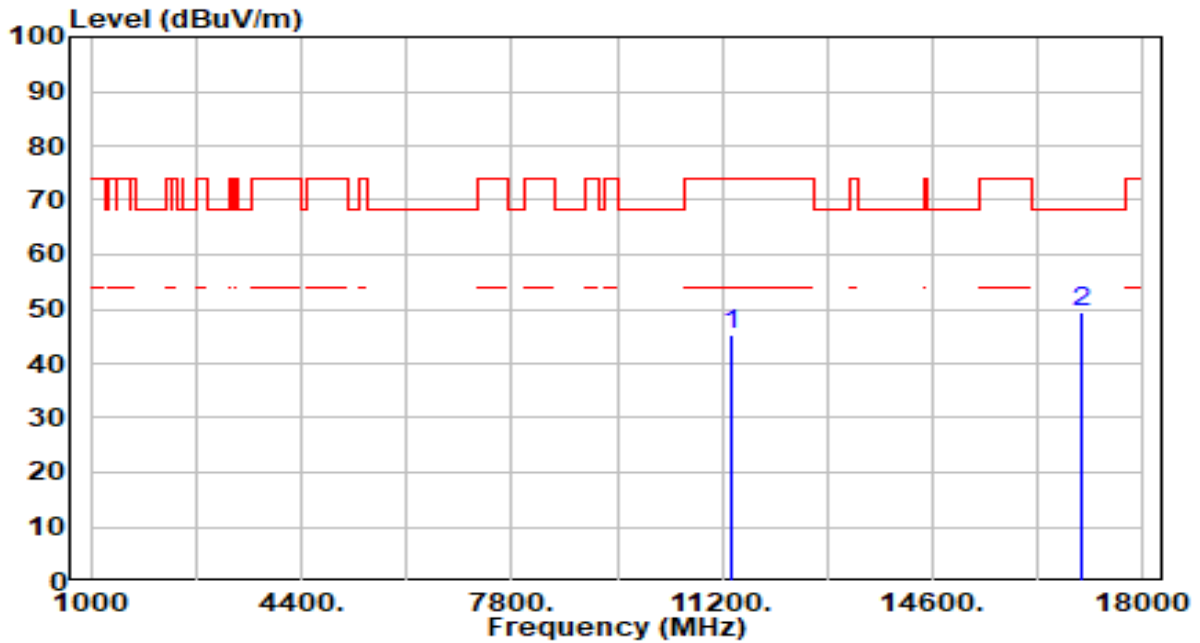


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	42.86	3.39	46.25	-27.75	74.00	100	6	Peak
2	* 17010.000	43.94	5.00	48.94	-19.26	68.20	100	187	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

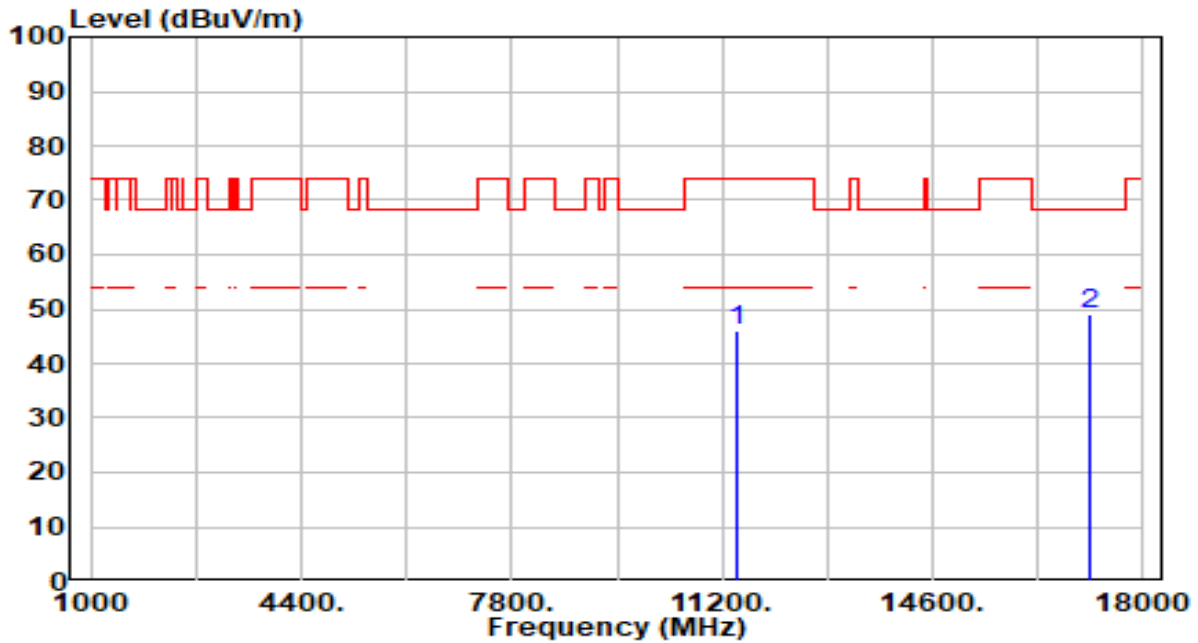


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	41.99	3.39	45.38	-28.62	74.00	100	310	Peak
2	* 17010.000	44.57	5.00	49.57	-18.63	68.20	100	110	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 142_ANT 0+1+2	Test Voltage	AC 120V/60Hz

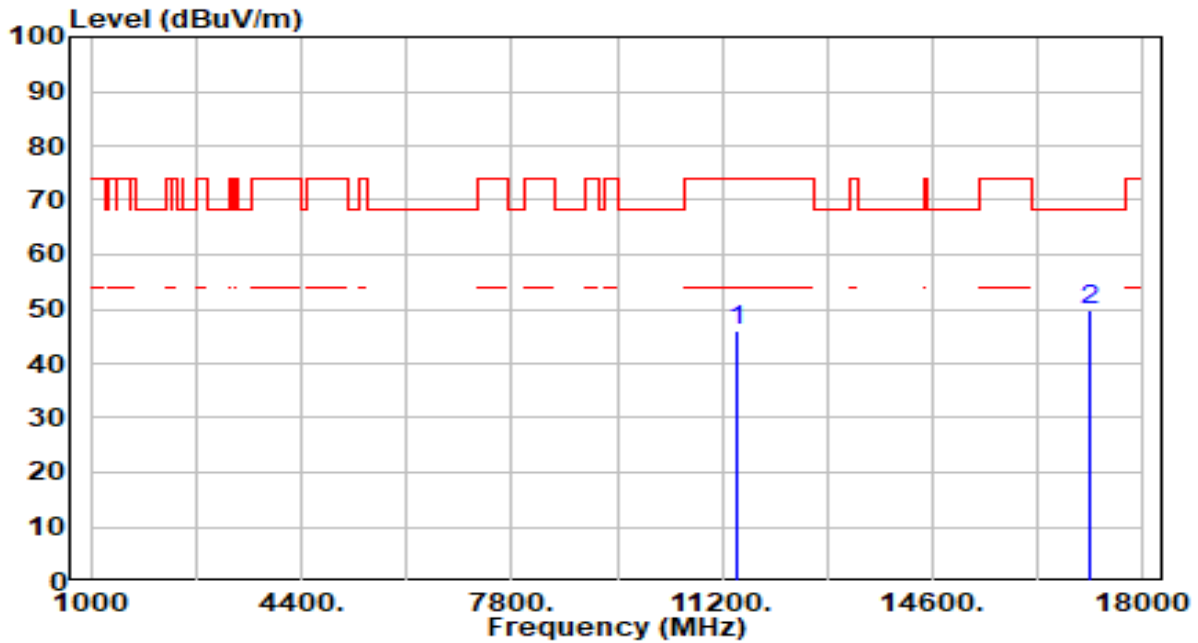


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	42.70	3.50	46.20	-27.80	74.00	100	157	Peak
2	* 17130.000	44.17	4.72	48.89	-19.31	68.20	100	208	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 142_ANT 0+1+2	Test Voltage	AC 120V/60Hz

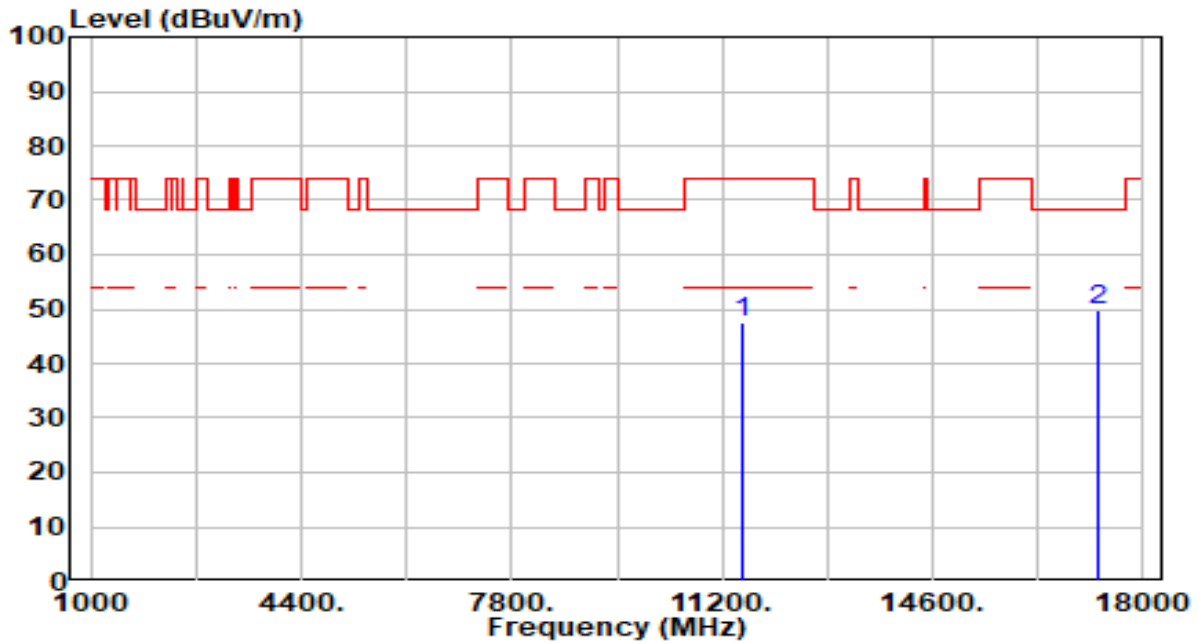


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	42.72	3.50	46.22	-27.78	74.00	100	222	Peak
2	* 17130.000	45.17	4.72	49.89	-18.31	68.20	100	154	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

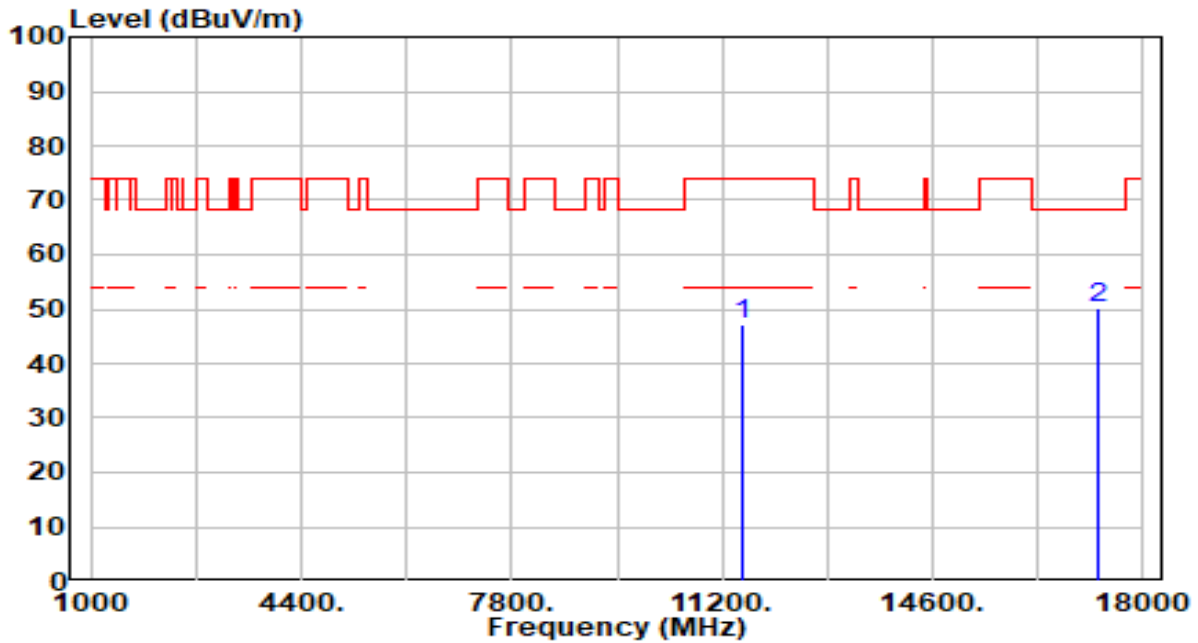


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	43.79	3.59	47.37	-26.63	74.00	100	54	Peak
2	* 17265.000	45.32	4.35	49.67	-18.53	68.20	100	133	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz



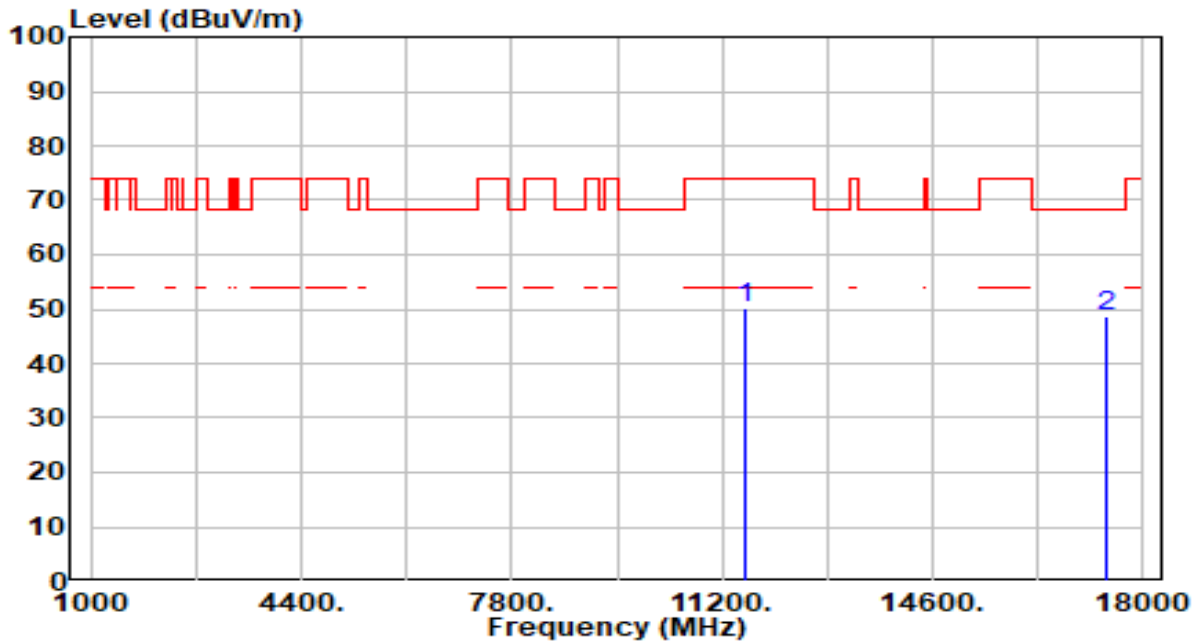
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	43.44	3.59	47.02	-26.98	74.00	100	215	Peak
2	* 17265.000	45.81	4.35	50.16	-18.04	68.20	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

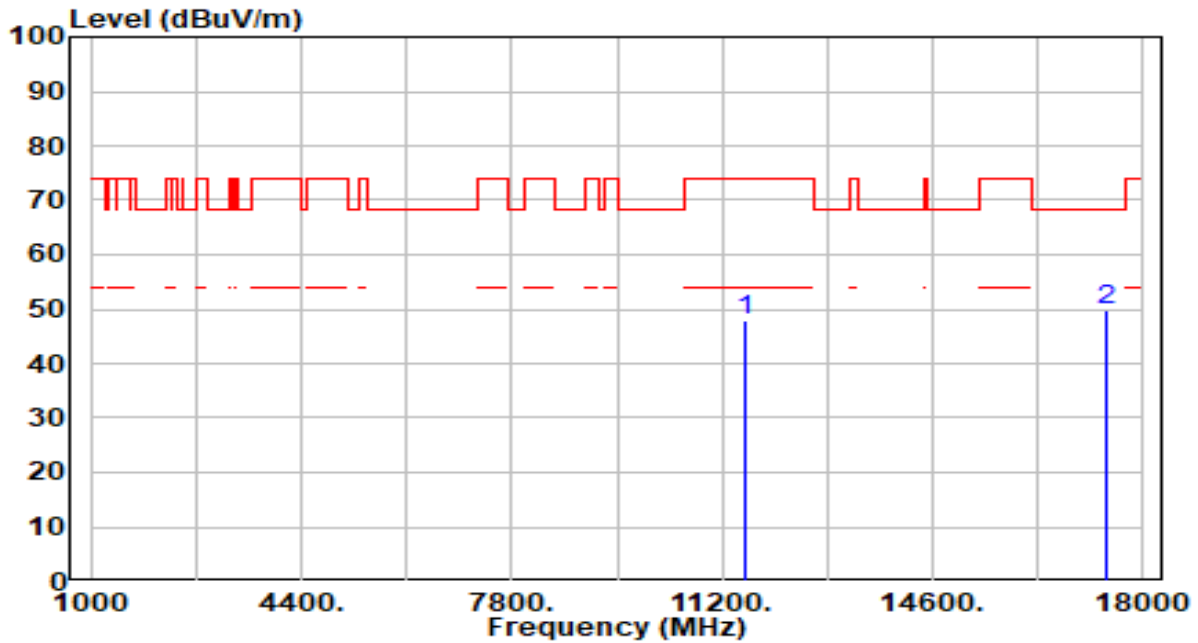


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11590.000	46.60	3.67	50.27	-23.73	74.00	100	311	Peak
2	* 17385.000	44.56	3.96	48.52	-19.68	68.20	100	196	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

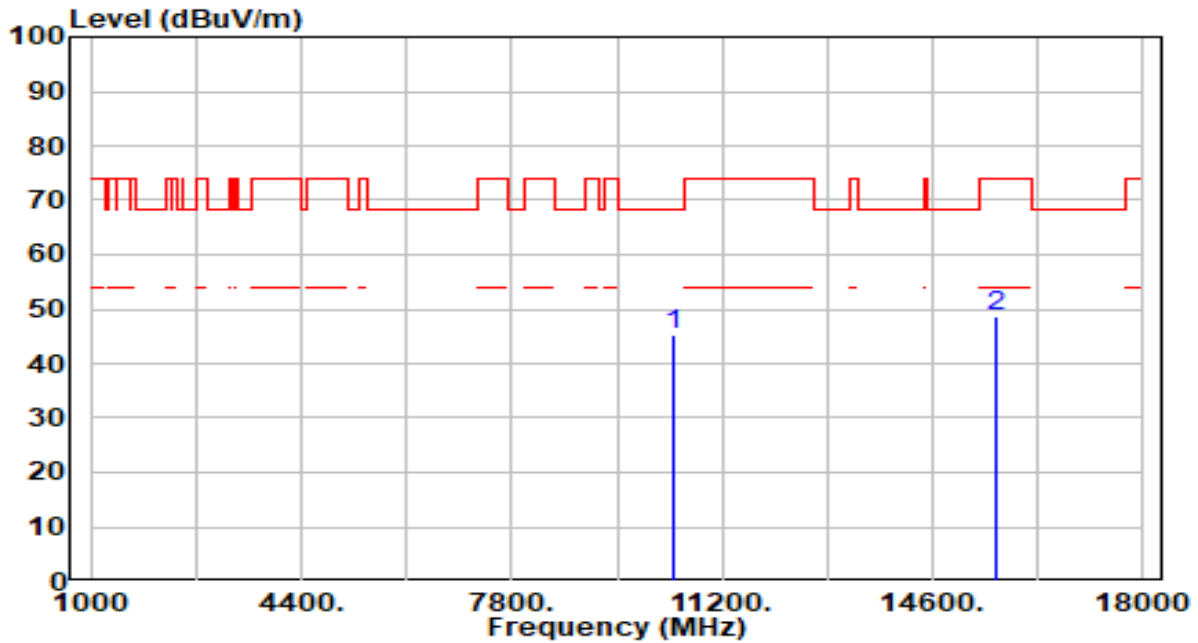


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11590.000	44.30	3.67	47.98	-26.02	74.00	100	204	Peak
2	* 17385.000	45.77	3.96	49.74	-18.46	68.20	100	342	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

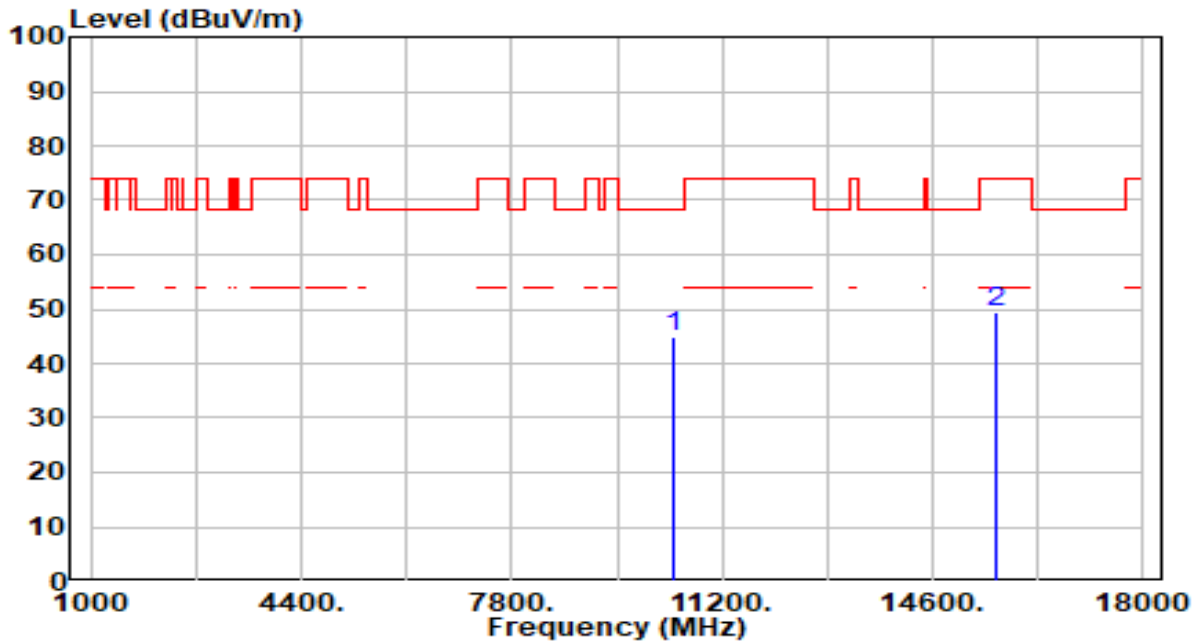


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	42.48	2.74	45.22	-22.98	68.20	100	247	Peak
2		43.94	4.59	48.53	-25.47	74.00	100	224	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

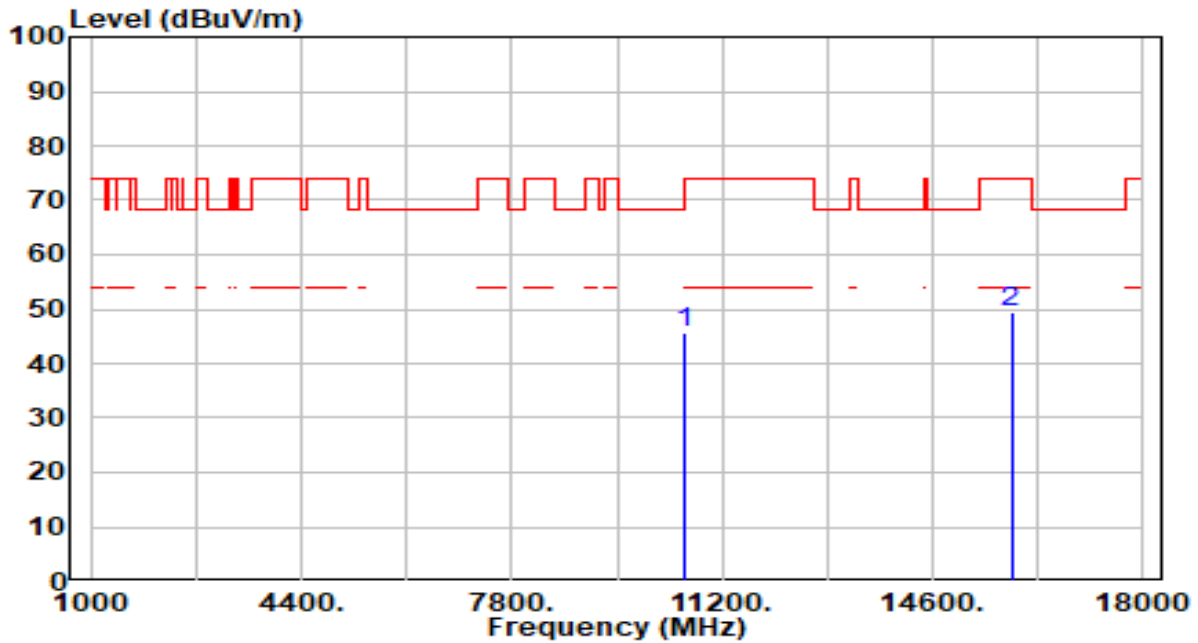


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10420.000	42.23	2.74	44.97	-23.23	68.20	100	282	Peak
2	15630.000	44.74	4.59	49.33	-24.67	74.00	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

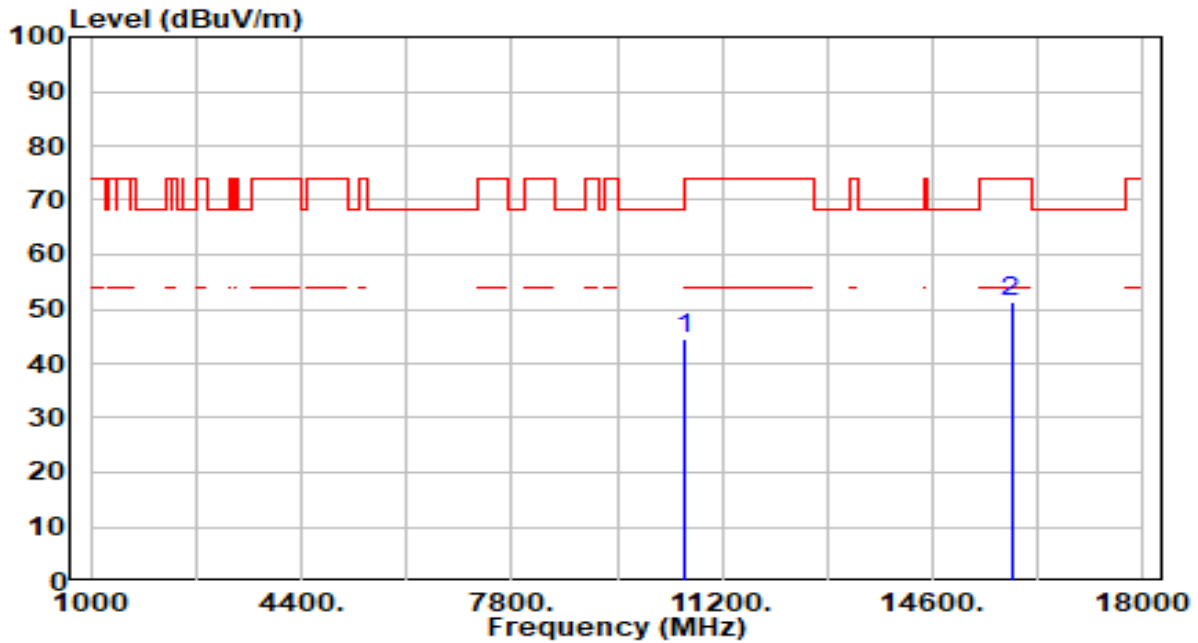


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10580.000	43.08	2.61	45.69	-22.51	68.20	100	94	Peak
2	15870.000	44.44	5.11	49.55	-24.45	74.00	100	62	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

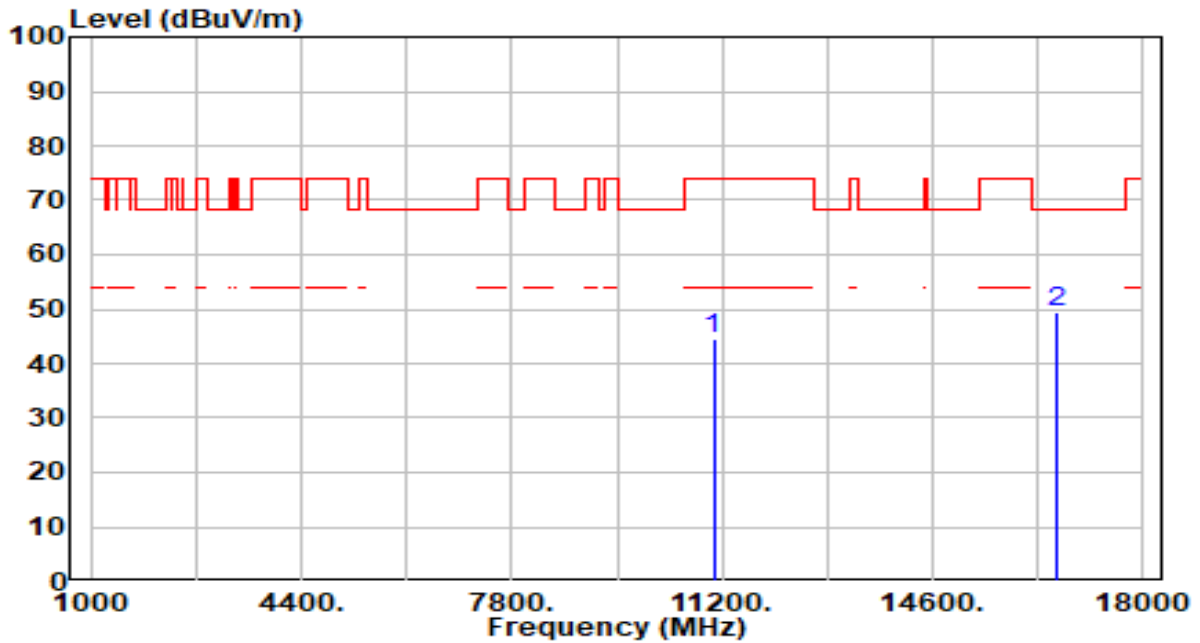


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10580.000	41.88	2.61	44.50	-23.70	68.20	100	84	Peak
2	* 15870.000	46.04	5.11	51.15	-22.85	74.00	100	318	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

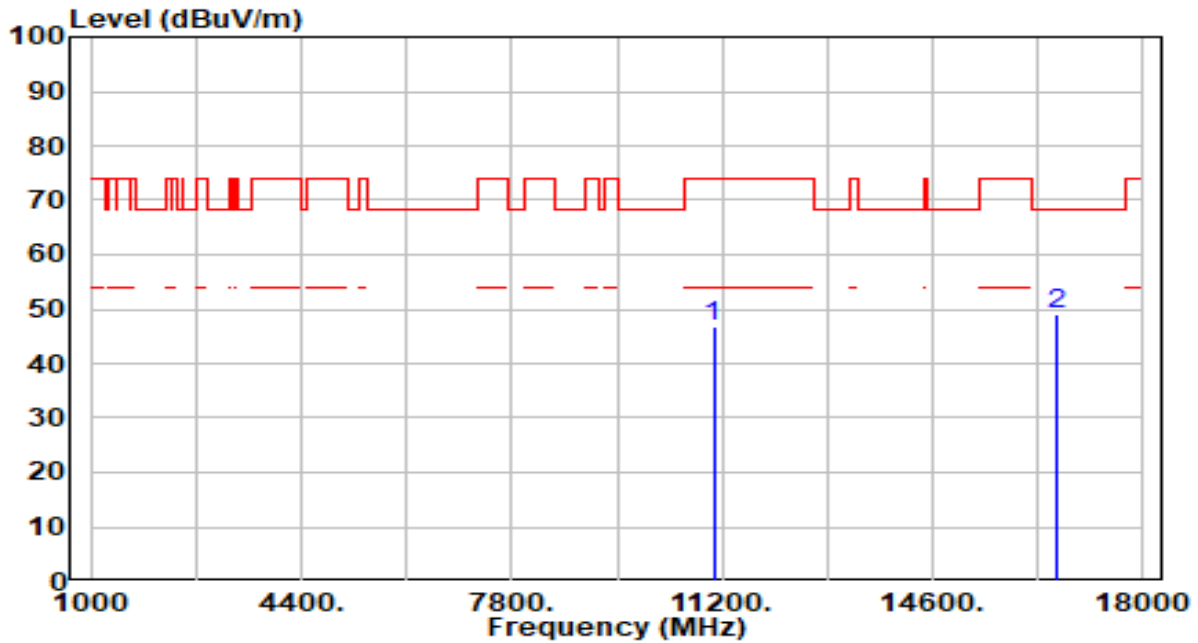


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	41.73	2.78	44.51	-29.49	74.00	100	356	Peak
2	* 16590.000	44.84	4.62	49.46	-18.74	68.20	100	139	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz



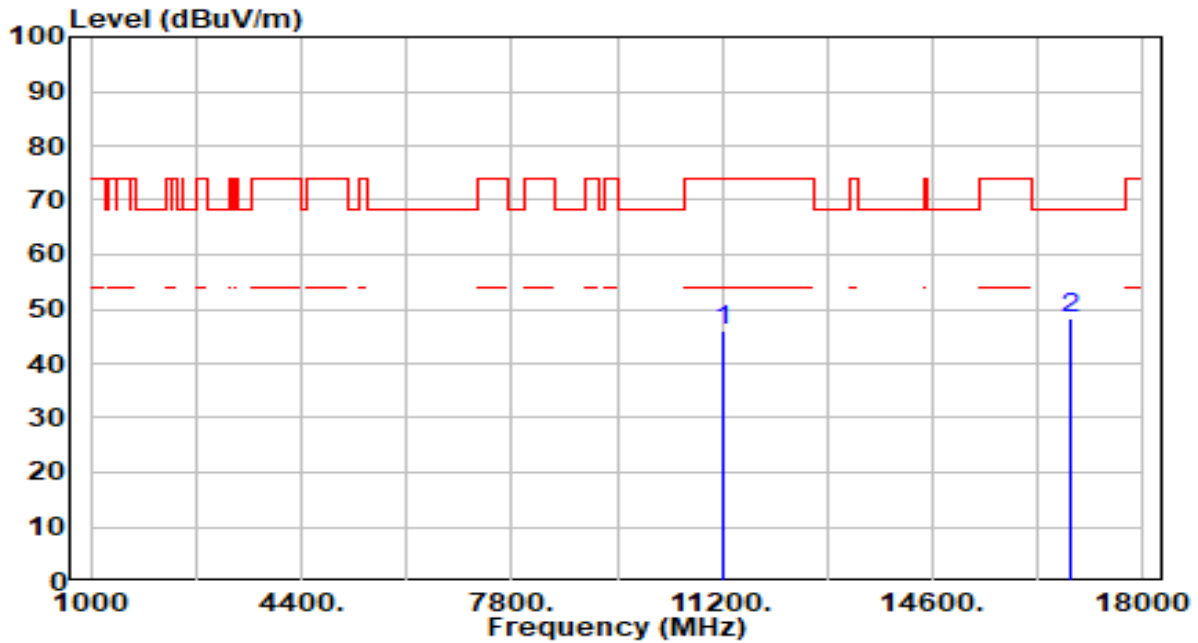
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	44.01	2.78	46.79	-27.21	74.00	100	207	Peak
2	* 16590.000	44.40	4.62	49.02	-19.18	68.20	100	160	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB).
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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 122_ANT 0+1+2	Test Voltage	AC 120V/60Hz

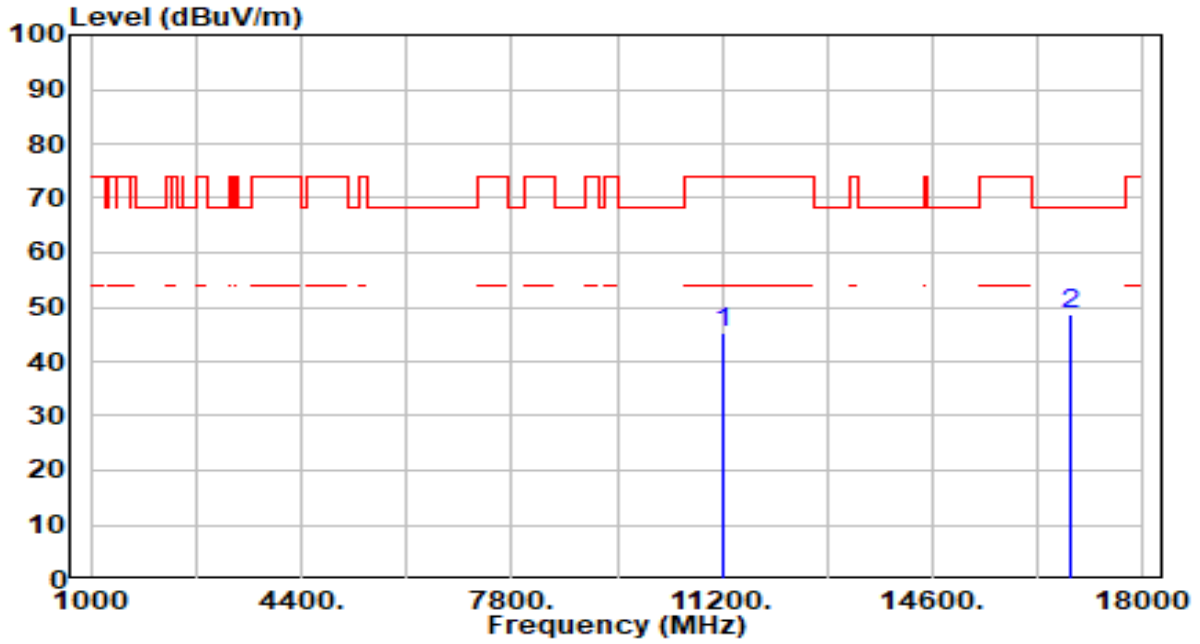


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	42.71	3.22	45.93	-28.07	74.00	100	110	Peak
2	* 16830.000	43.69	4.61	48.31	-19.89	68.20	100	338	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 122_ANT 0+1+2	Test Voltage	AC 120V/60Hz

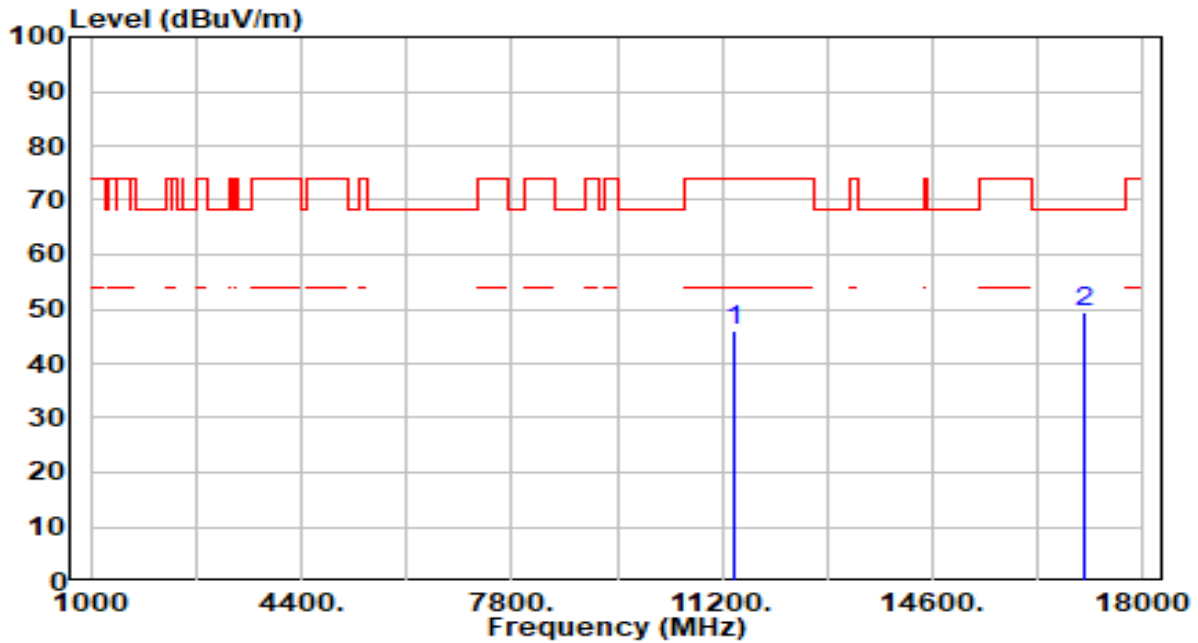


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	42.10	3.22	45.32	-28.68	74.00	100	360	Peak
2	* 16830.000	43.95	4.61	48.56	-19.64	68.20	100	329	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 138_ANT 0+1+2	Test Voltage	AC 120V/60Hz

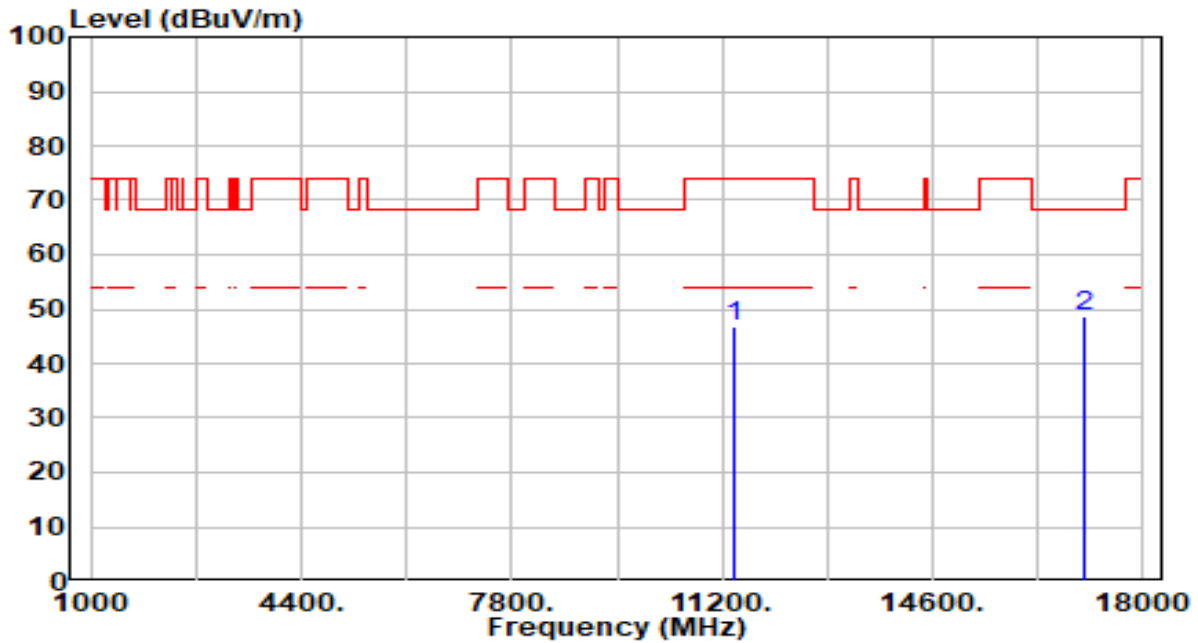


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	42.56	3.45	46.01	-27.99	74.00	100	11	Peak
2	* 17070.000	44.44	4.86	49.30	-18.90	68.20	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 138_ANT 0+1+2	Test Voltage	AC 120V/60Hz

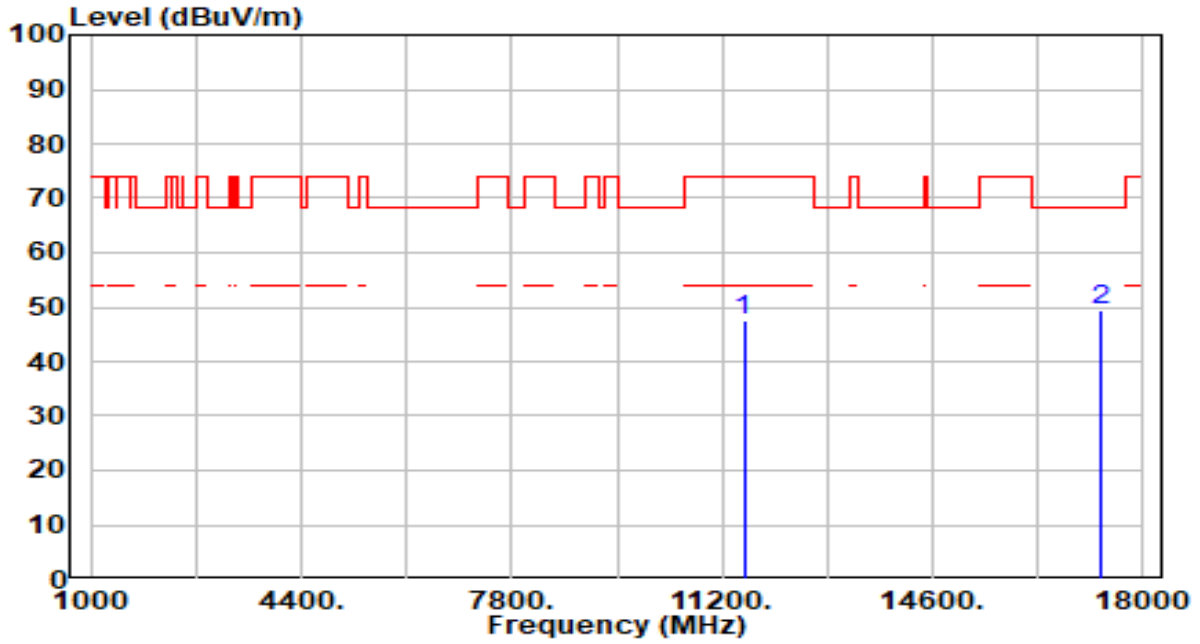


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	43.45	3.45	46.90	-27.10	74.00	100	310	Peak
2	* 17070.000	43.96	4.86	48.82	-19.38	68.20	100	50	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

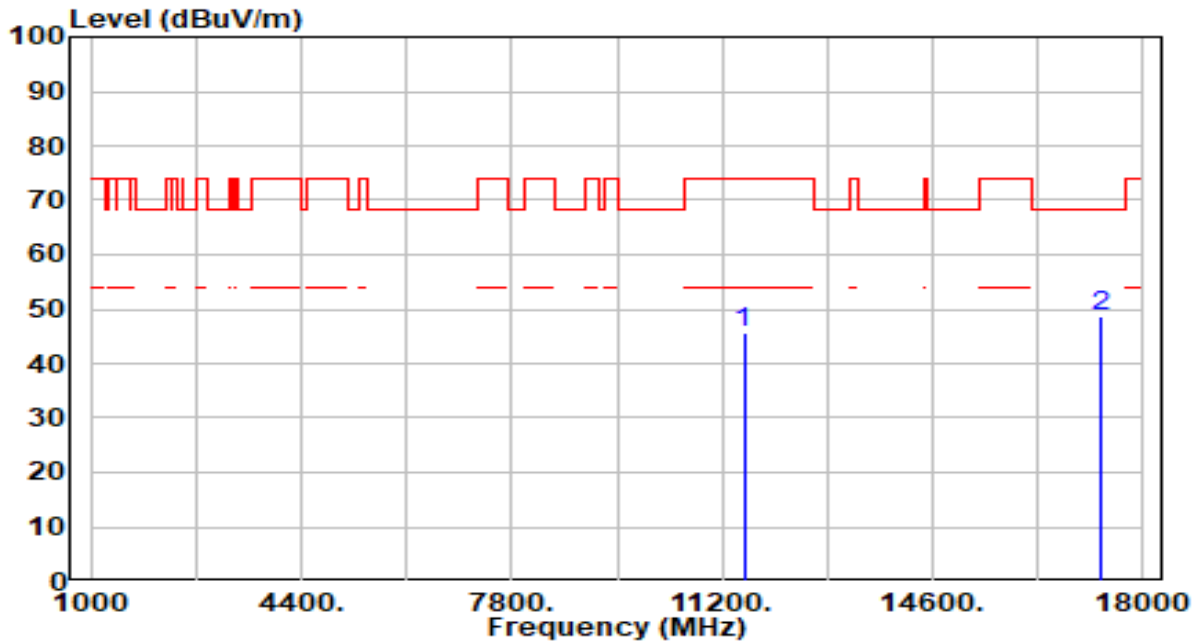


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	43.82	3.63	47.45	-26.55	74.00	100	0	Peak
2	* 17325.000	45.41	4.16	49.57	-18.63	68.20	100	291	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

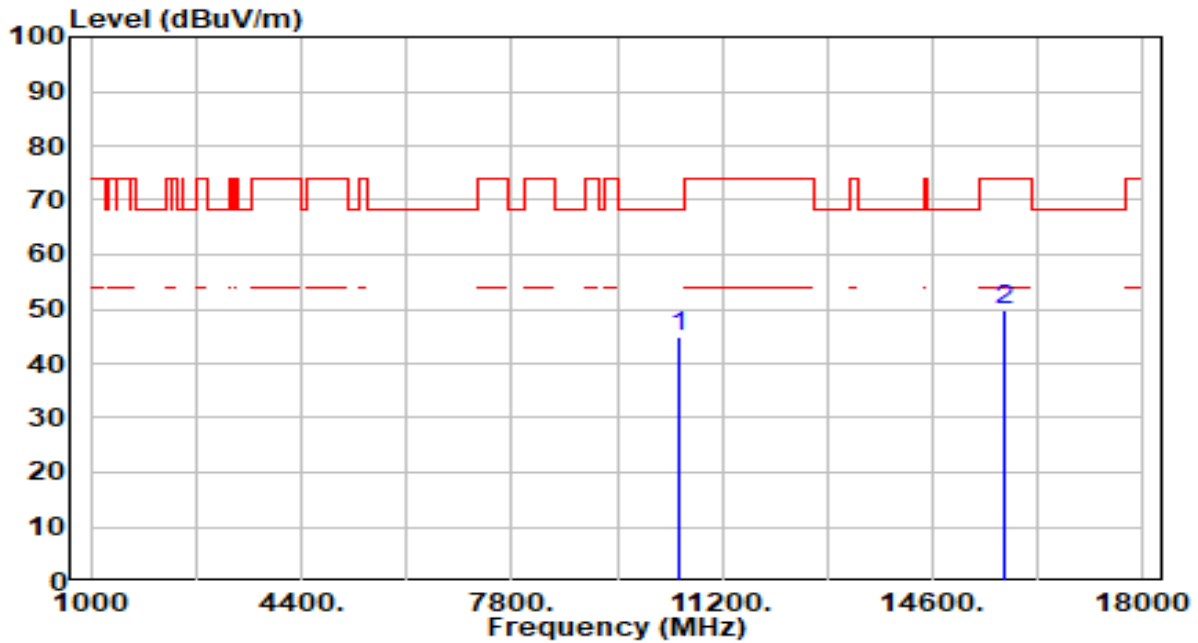


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	42.11	3.63	45.74	-28.26	74.00	100	200	Peak
2	* 17325.000	44.62	4.16	48.78	-19.42	68.20	100	157	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

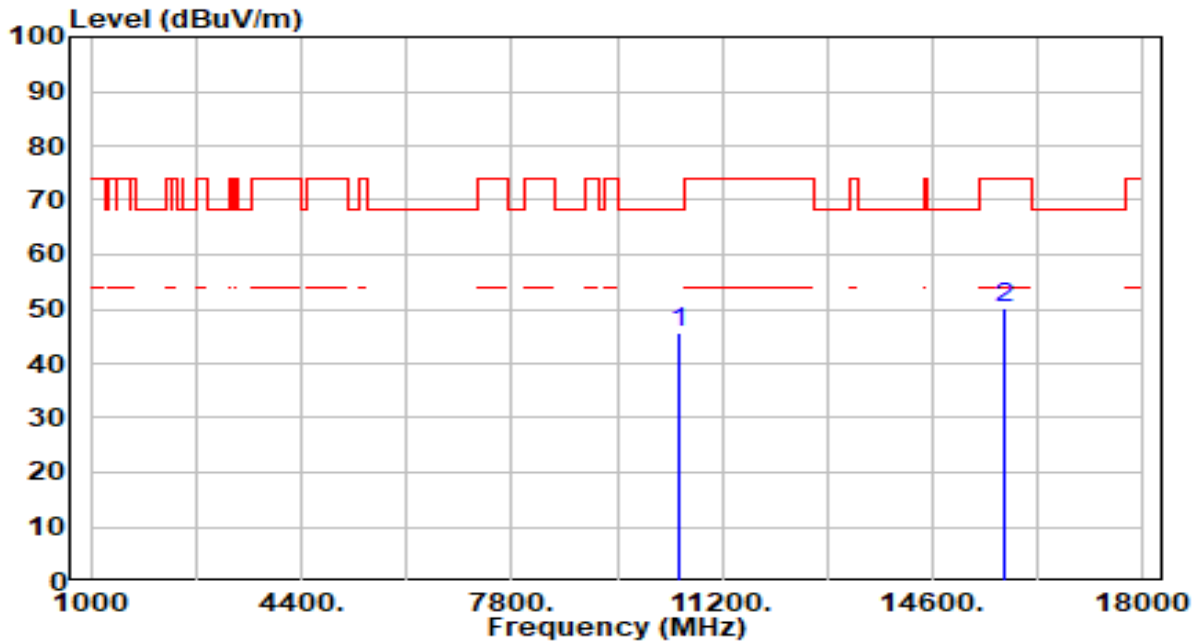


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10500.000	42.08	2.66	44.74	-23.46	68.20	100	73	Peak
2	15750.000	44.88	4.92	49.80	-24.20	74.00	100	271	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz



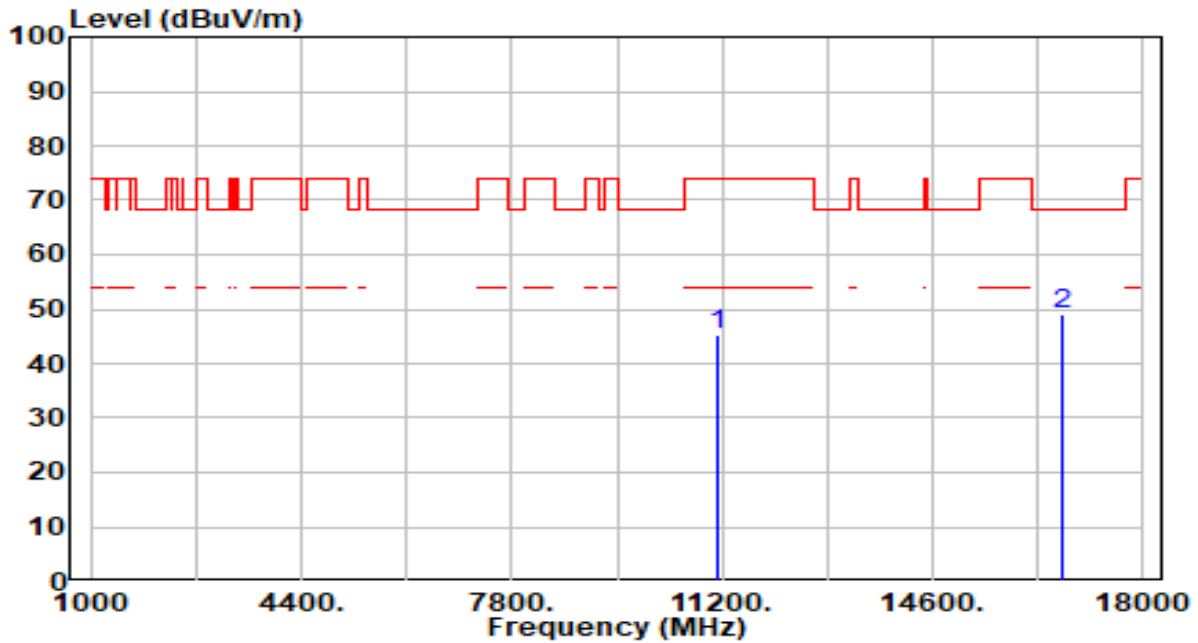
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10500.000	43.09	2.66	45.75	-22.45	68.20	100	198	Peak
2	15750.000	45.15	4.92	50.07	-23.93	74.00	100	147	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

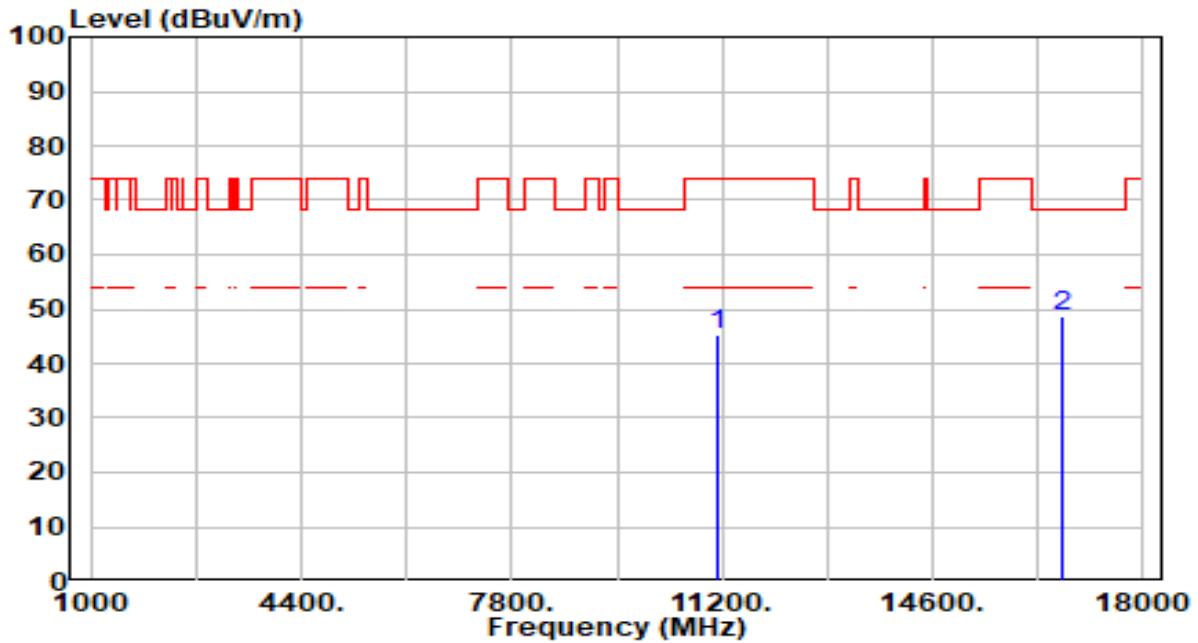


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11140.000	42.12	3.01	45.13	-28.87	74.00	100	0	Peak
2	* 16710.000	44.54	4.65	49.19	-19.01	68.20	100	109	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

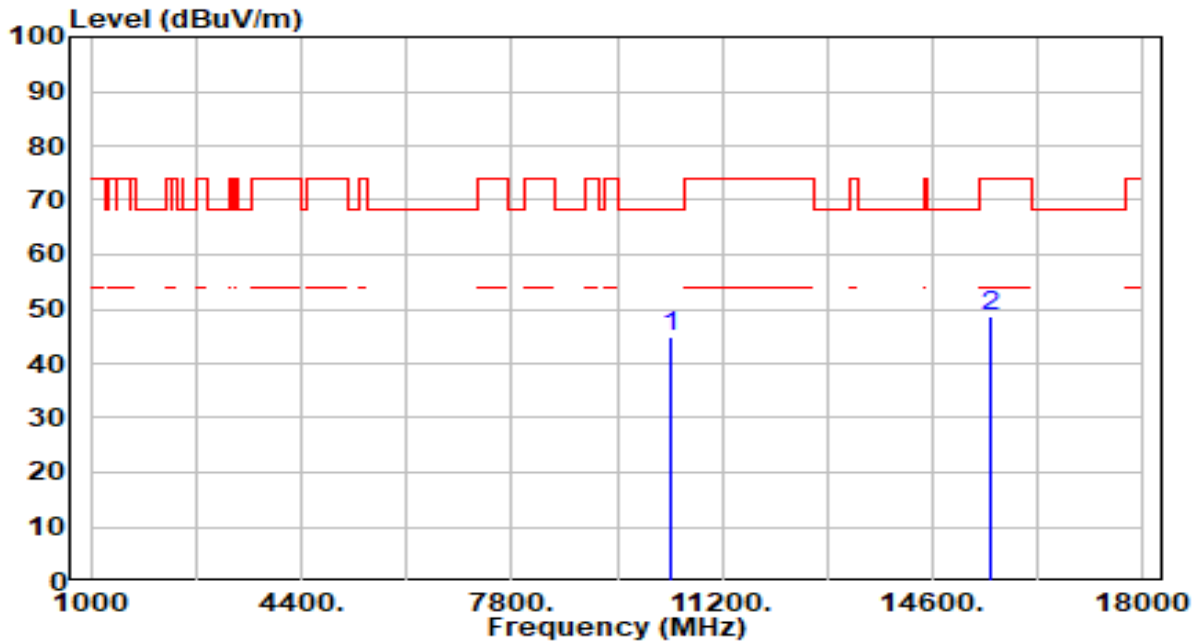


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11140.000	42.20	3.01	45.21	-28.79	74.00	100	132	Peak
2	* 16710.000	44.17	4.65	48.82	-19.38	68.20	100	357	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

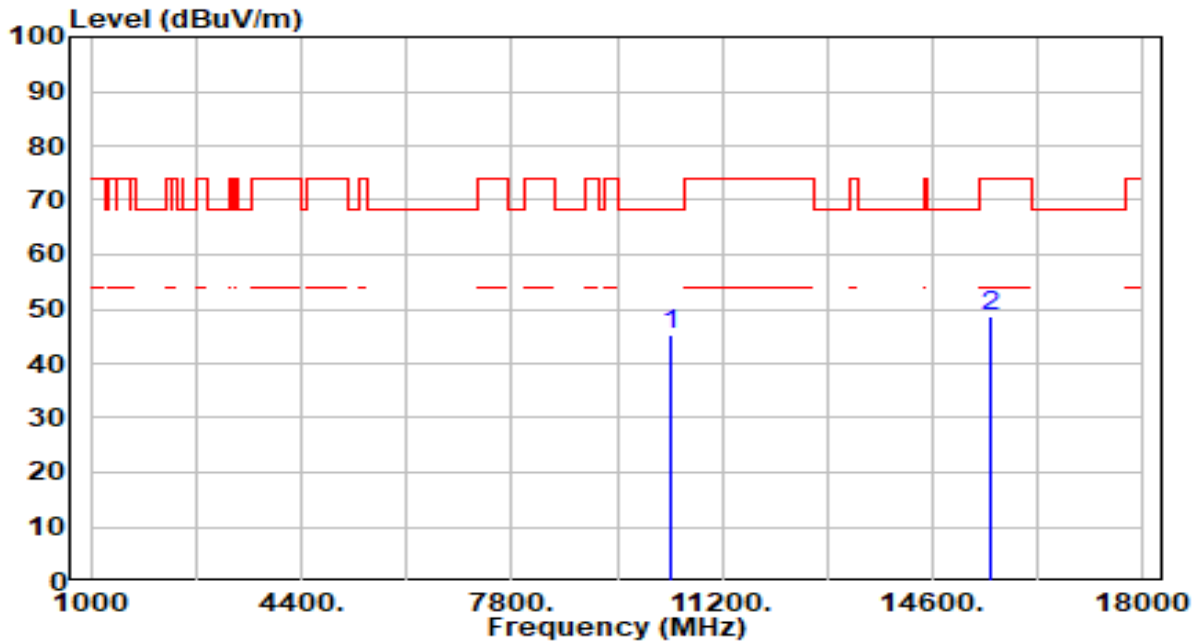


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10360.000	42.06	2.81	44.87	-23.33	68.20	100	47	Peak
2	15540.000	44.08	4.52	48.60	-25.40	74.00	100	232	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

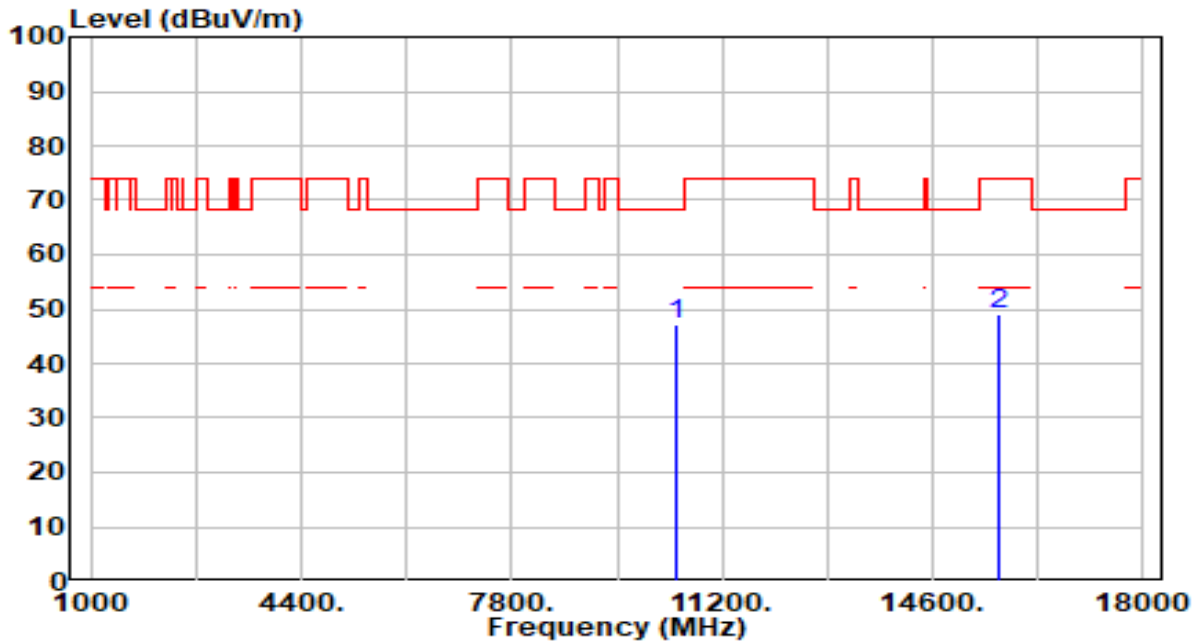


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10360.000	42.49	2.81	45.30	-22.90	68.20	100	27	Peak
2	15540.000	44.05	4.52	48.57	-25.43	74.00	100	269	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

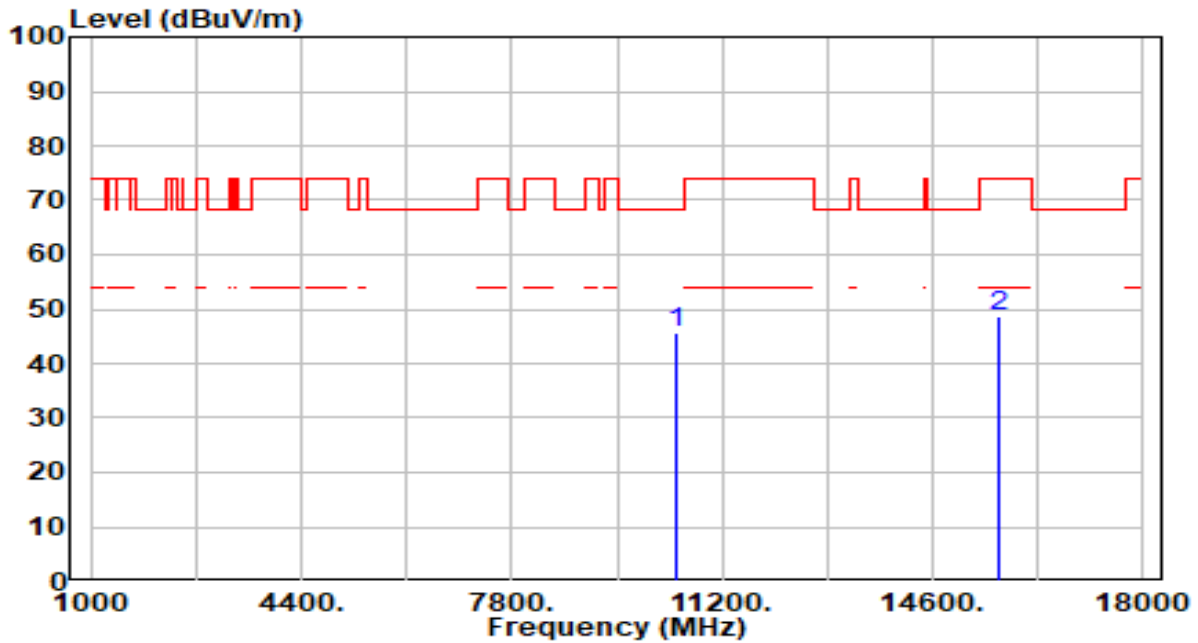


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10440.000	44.63	2.72	47.36	-20.84	68.20	100	126	Peak
2	15660.000	44.27	4.67	48.94	-25.06	74.00	100	70	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1+2	Test Voltage	AC 120V/60Hz

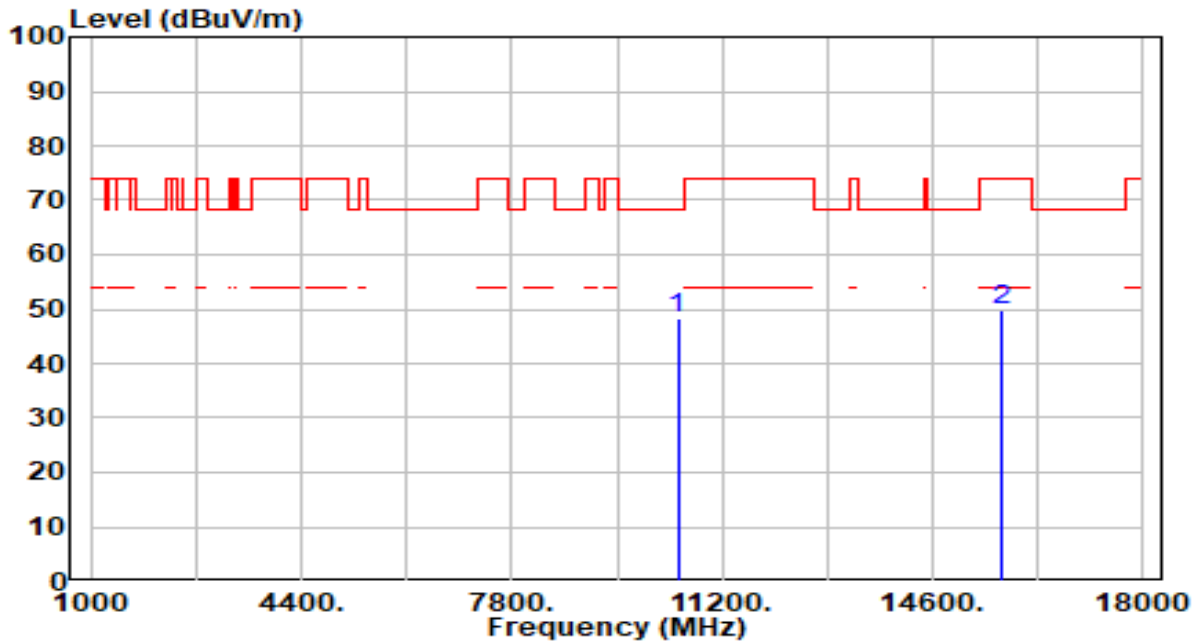


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10440.000	43.11	2.72	45.83	-22.37	68.20	100	95	Peak
2	15660.000	44.10	4.67	48.77	-25.23	74.00	100	246	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz

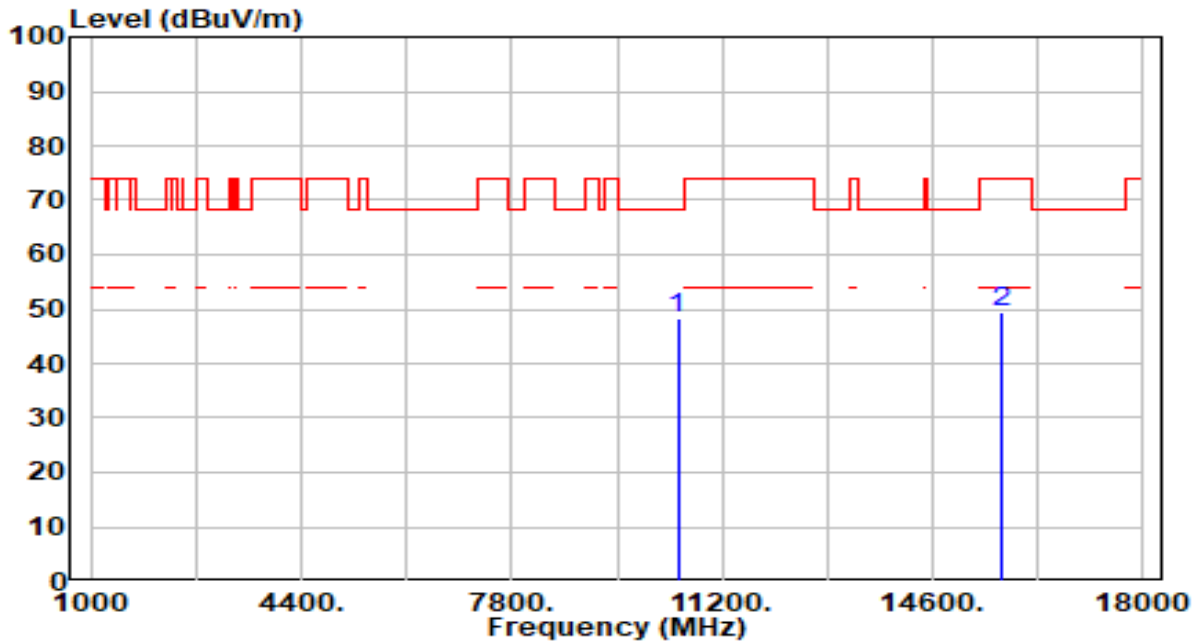


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10480.000	45.55	2.68	48.23	-19.97	68.20	100	298	Peak
2	15720.000	44.83	4.84	49.66	-24.34	74.00	100	262	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1+2	Test Voltage	AC 120V/60Hz



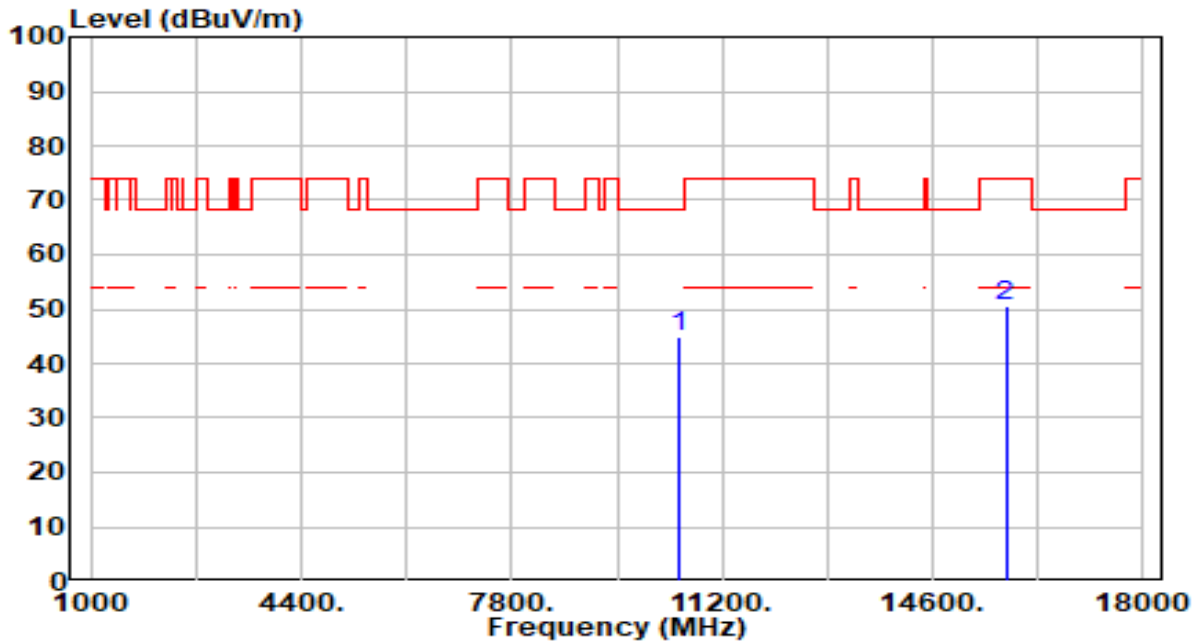
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10480.000	45.79	2.68	48.47	-19.73	68.20	100	353	Peak
2	15720.000	44.47	4.84	49.31	-24.69	74.00	100	86	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

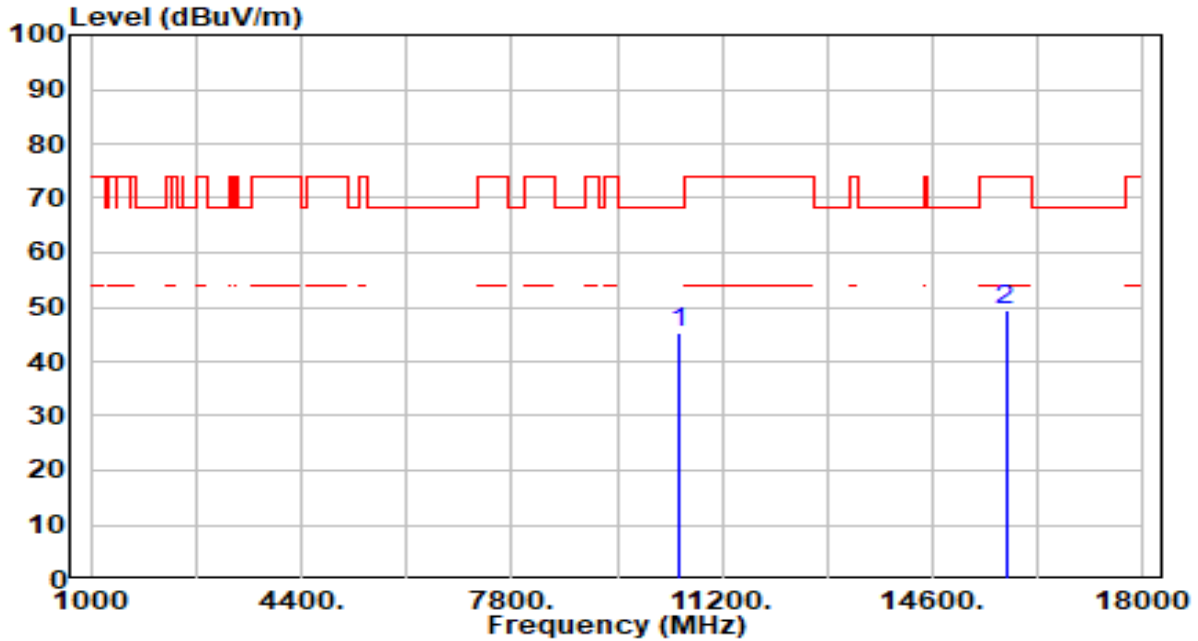


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10520.000	42.25	2.64	44.89	-23.31	68.20	100	284	Peak
2	* 15780.000	45.71	5.00	50.71	-23.29	74.00	100	10	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 52_ANT 0+1+2	Test Voltage	AC 120V/60Hz

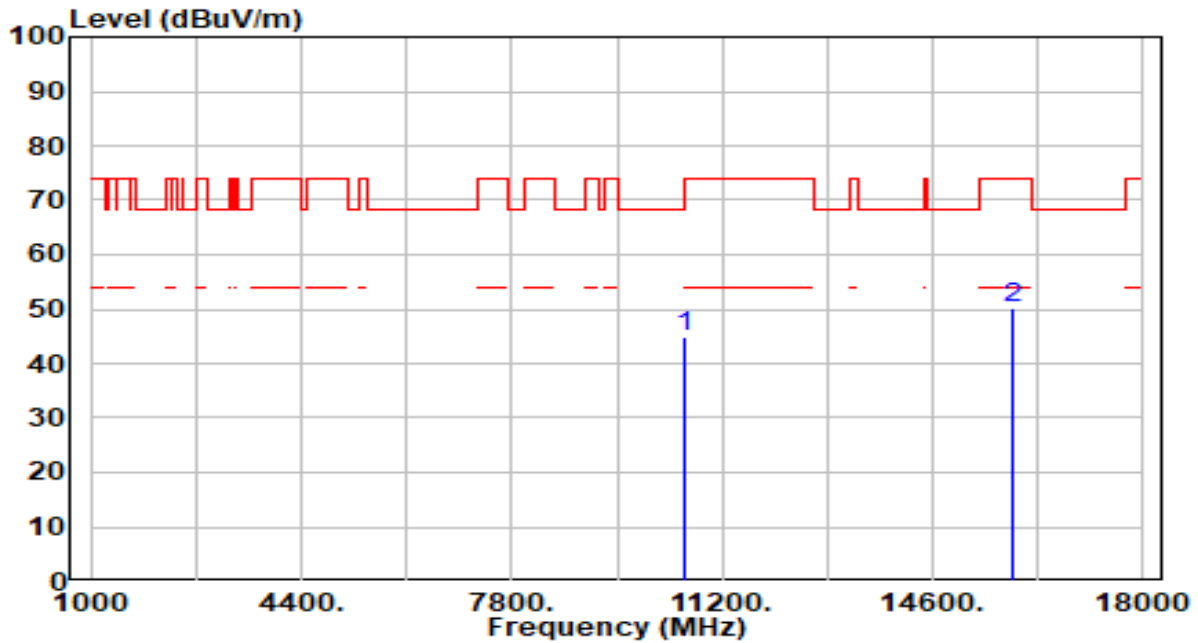


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10520.000	42.63	2.64	45.28	-22.92	68.20	100	42	Peak
2	15780.000	44.48	5.00	49.48	-24.52	74.00	100	10	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

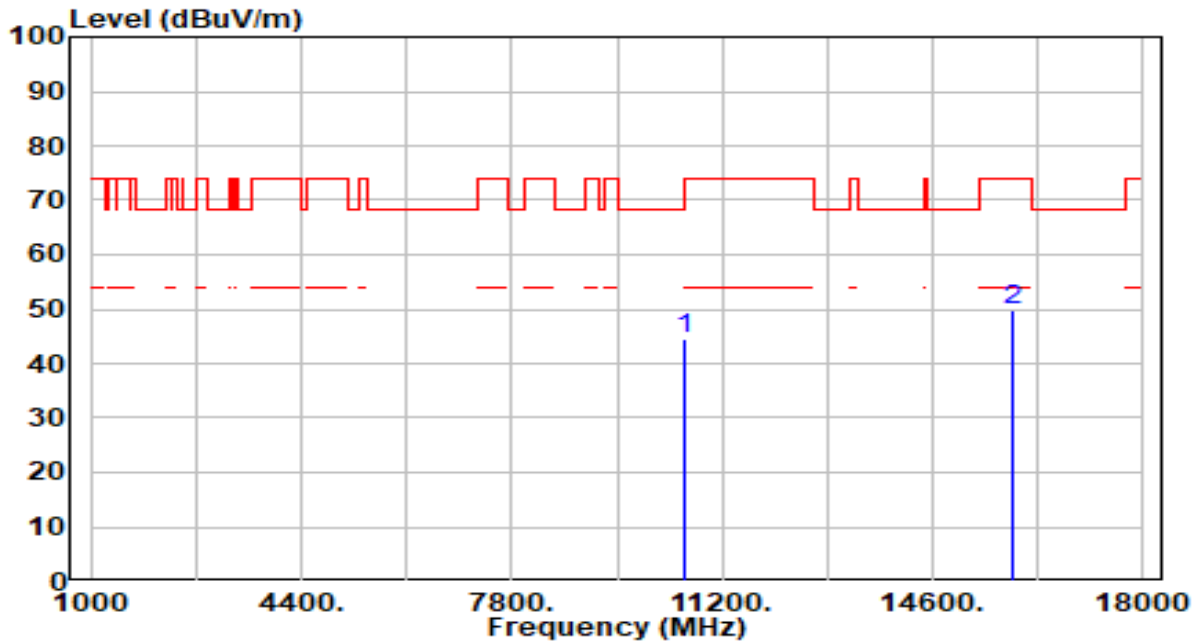


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	42.28	2.60	44.88	-23.32	68.20	100	266	Peak
2	15900.000	45.00	5.13	50.13	-23.87	74.00	100	282	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 60_ANT 0+1+2	Test Voltage	AC 120V/60Hz

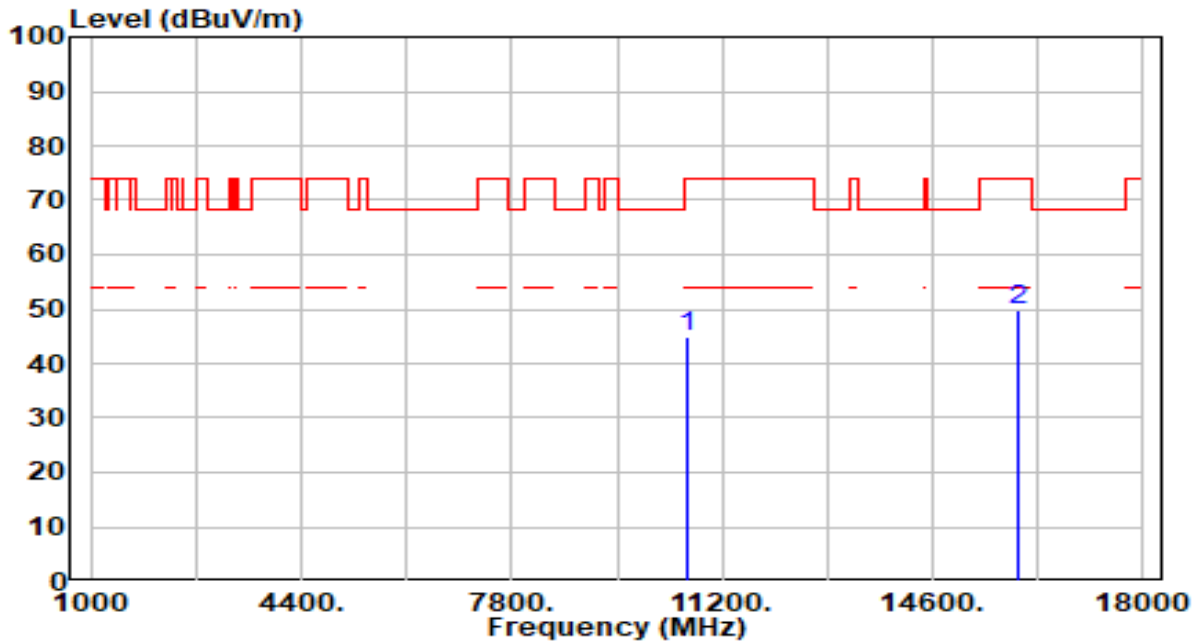


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10600.000	42.07	2.60	44.68	-23.52	68.20	100	0	Peak
2	15900.000	44.82	5.13	49.94	-24.06	74.00	100	88	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

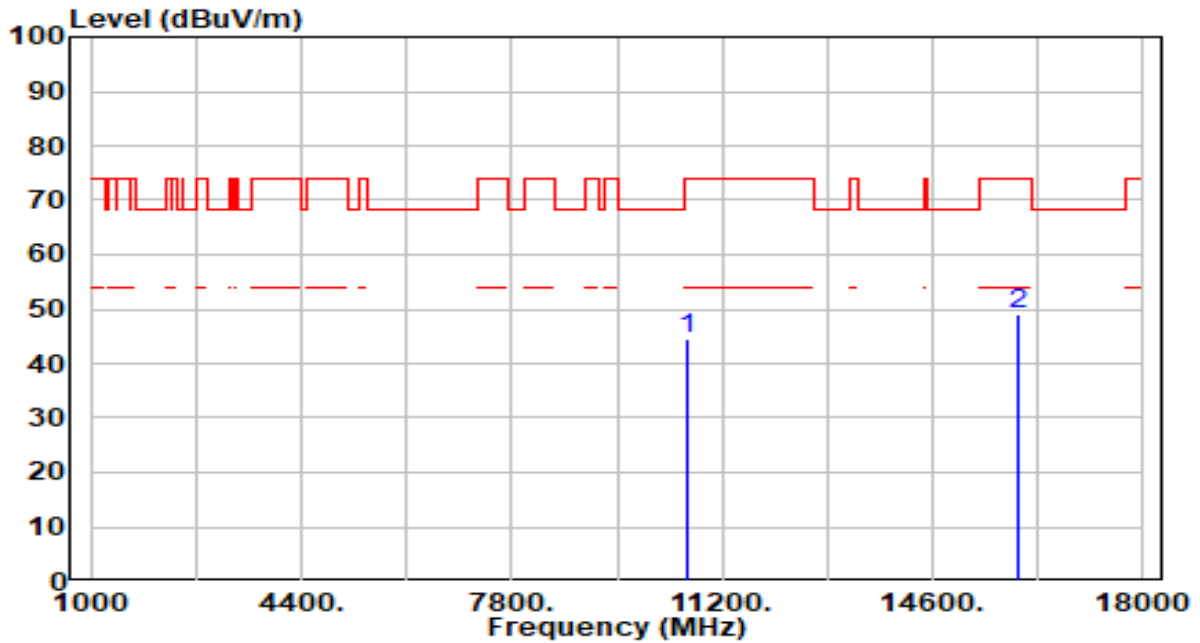


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	42.40	2.62	45.02	-28.98	74.00	100	0	Peak
2	* 15960.000	44.49	5.17	49.67	-24.33	74.00	100	6	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

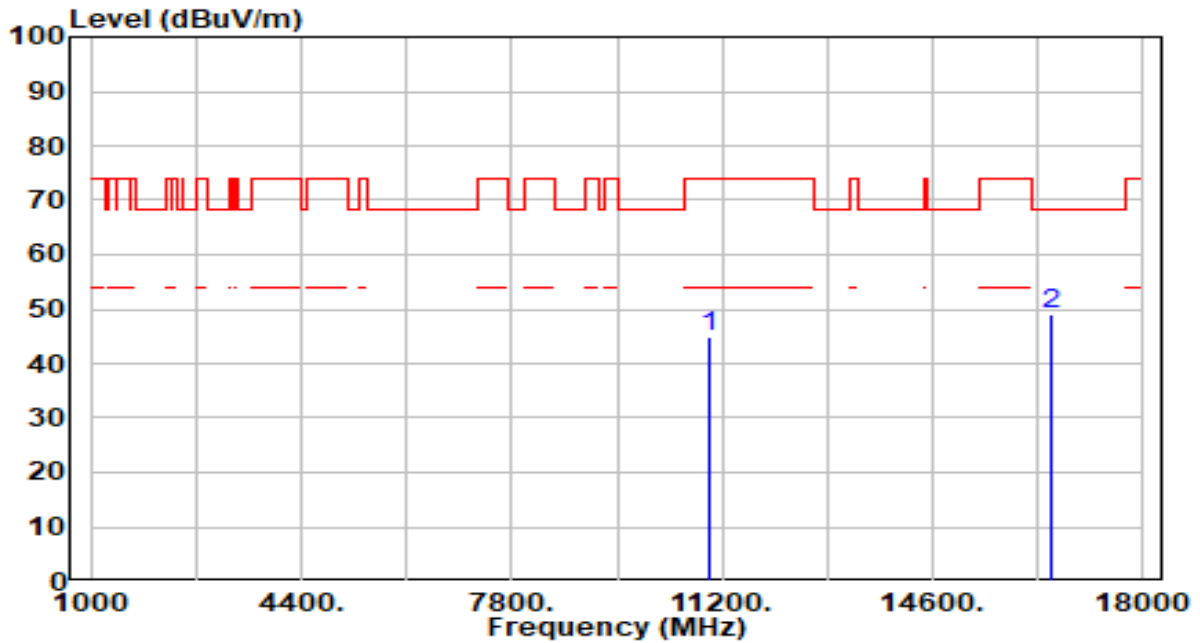


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10640.000	41.85	2.62	44.47	-29.53	74.00	100	148	Peak
2	* 15960.000	44.06	5.17	49.23	-24.77	74.00	100	116	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

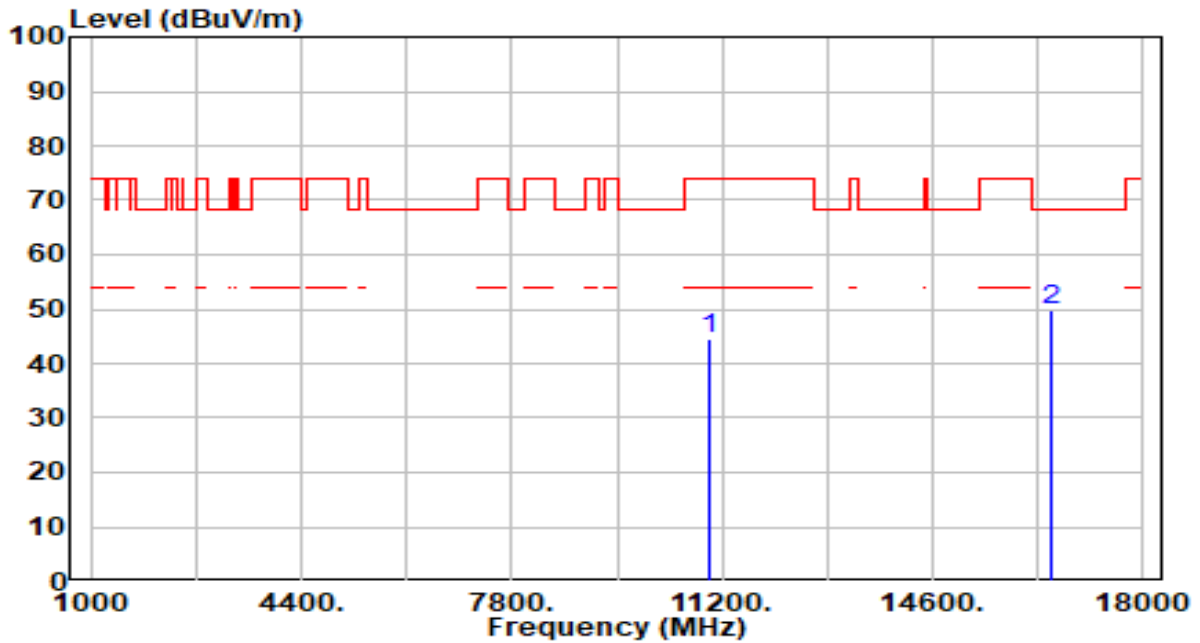


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	42.21	2.60	44.81	-29.19	74.00	100	228	Peak
2	* 16500.000	44.25	4.63	48.88	-19.32	68.20	100	319	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz



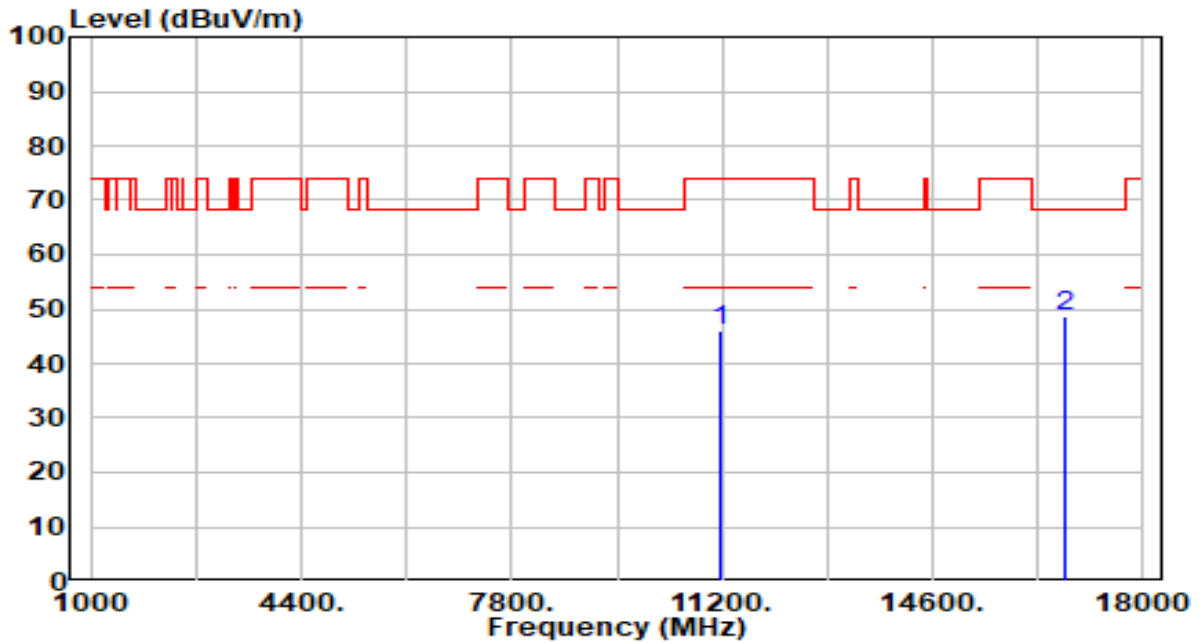
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	42.09	2.60	44.69	-29.31	74.00	100	306	Peak
2	* 16500.000	45.12	4.63	49.75	-18.45	68.20	100	5	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

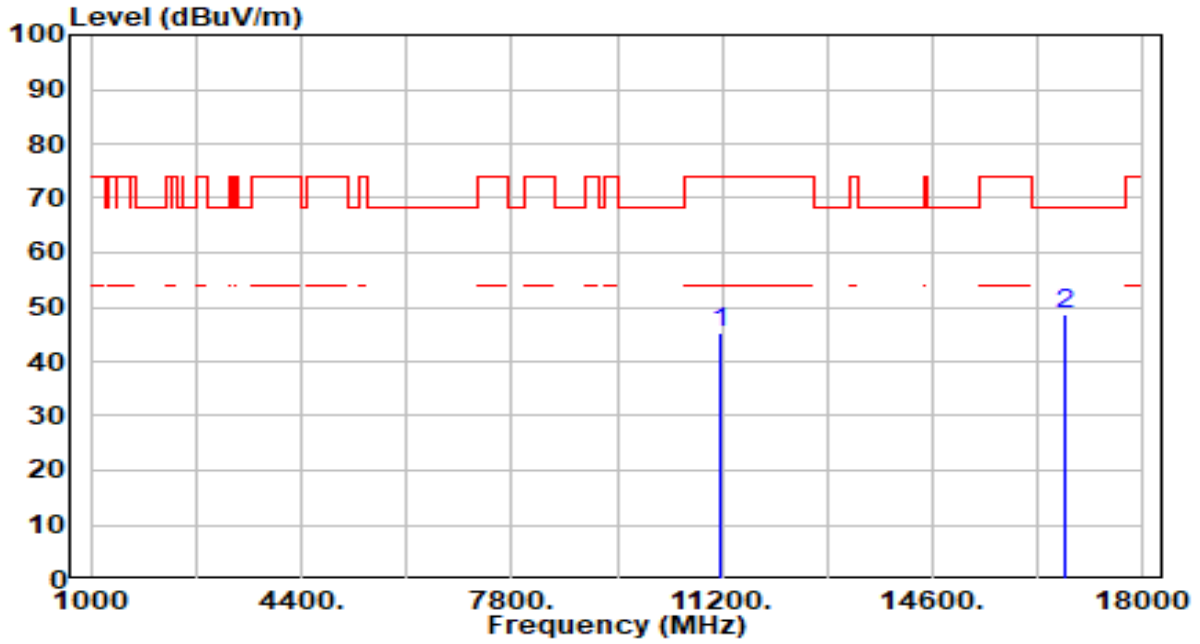


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.84	3.07	45.91	-28.09	74.00	100	10	Peak
2	* 16740.000	43.84	4.66	48.50	-19.70	68.20	100	176	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 116_ANT 0+1+2	Test Voltage	AC 120V/60Hz

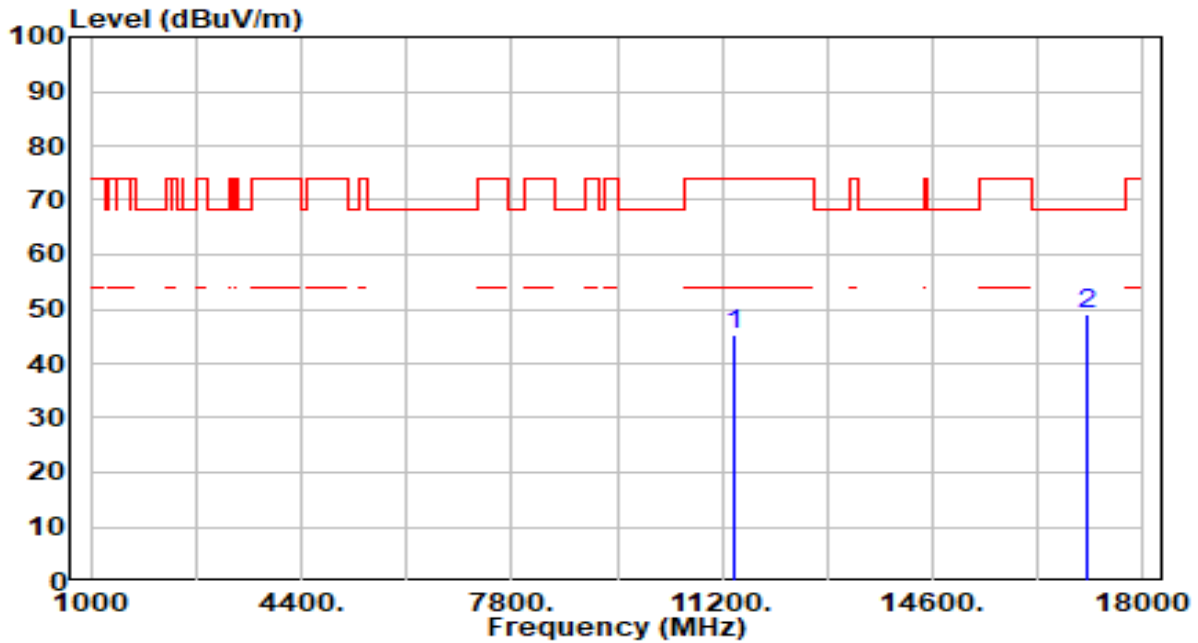


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	42.19	3.07	45.26	-28.74	74.00	100	254	Peak
2	* 16740.000	43.98	4.66	48.64	-19.56	68.20	100	349	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

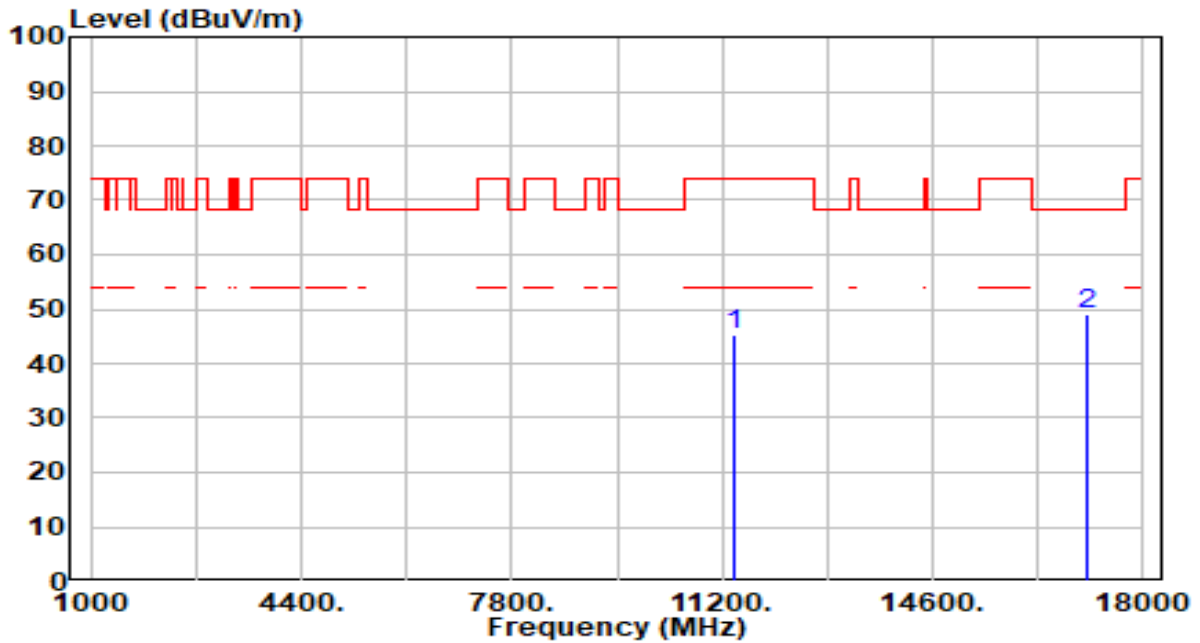


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	41.82	3.48	45.30	-28.70	74.00	100	14	Peak
2	* 17100.000	44.35	4.79	49.14	-19.06	68.20	100	229	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

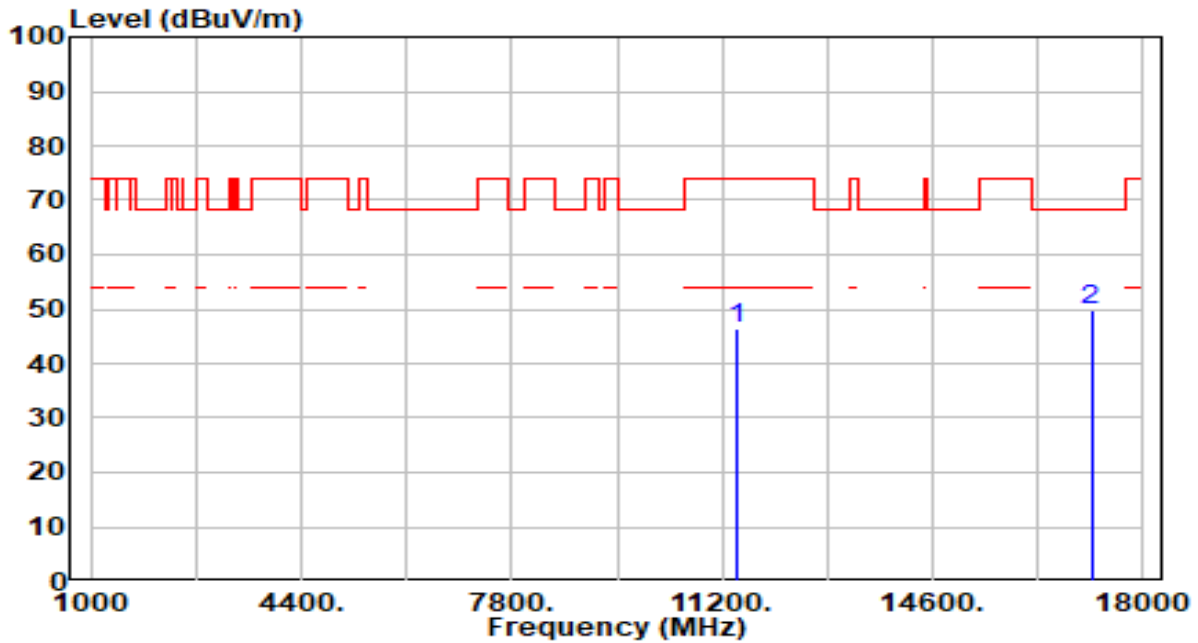


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	41.66	3.48	45.14	-28.86	74.00	100	160	Peak
2	* 17100.000	44.17	4.79	48.96	-19.24	68.20	100	144	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz

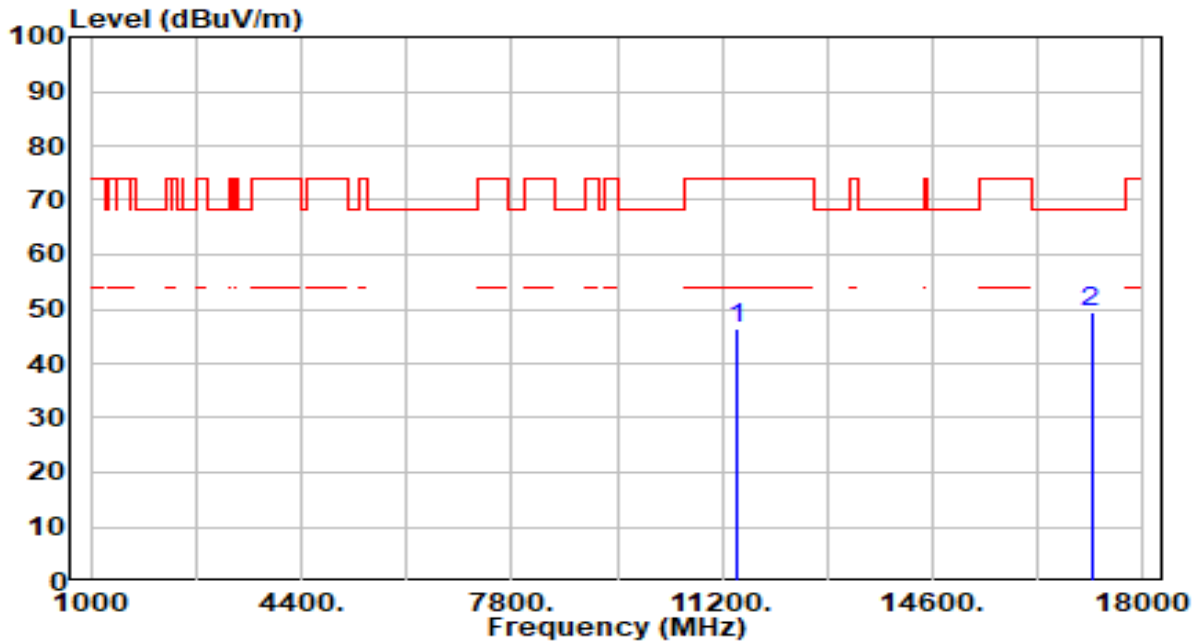


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	42.77	3.52	46.29	-27.71	74.00	100	0	Peak
2	* 17160.000	45.14	4.66	49.80	-18.40	68.20	100	169	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band3_CH 144_ANT 0+1+2	Test Voltage	AC 120V/60Hz

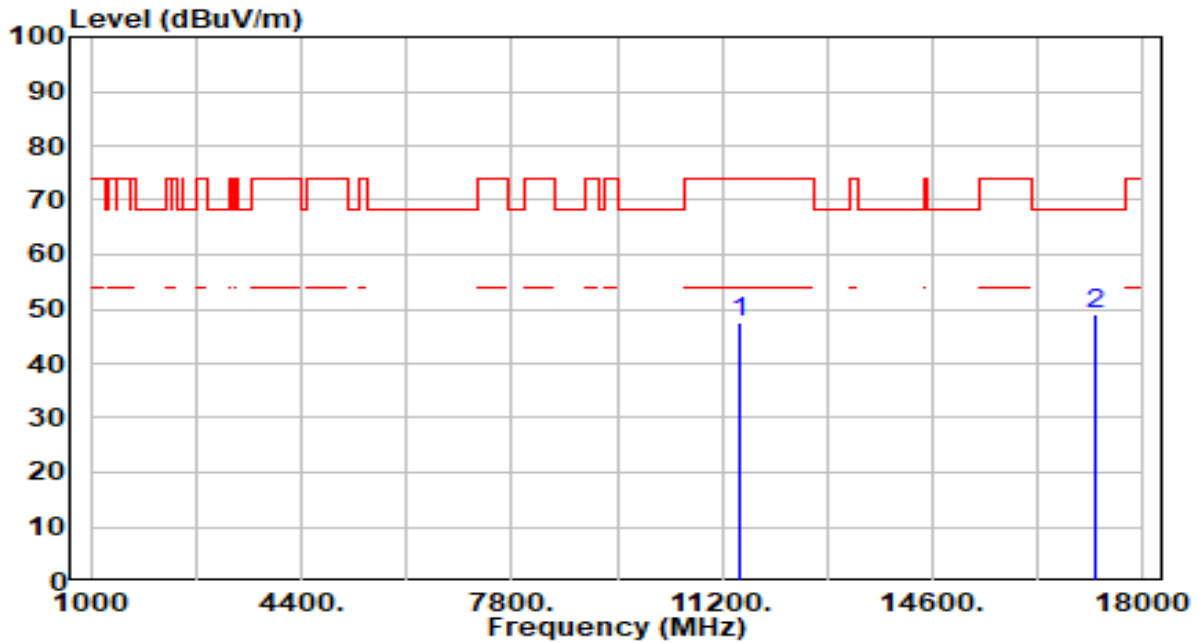


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	42.82	3.52	46.34	-27.66	74.00	100	212	Peak
2	* 17160.000	44.72	4.66	49.38	-18.82	68.20	100	113	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

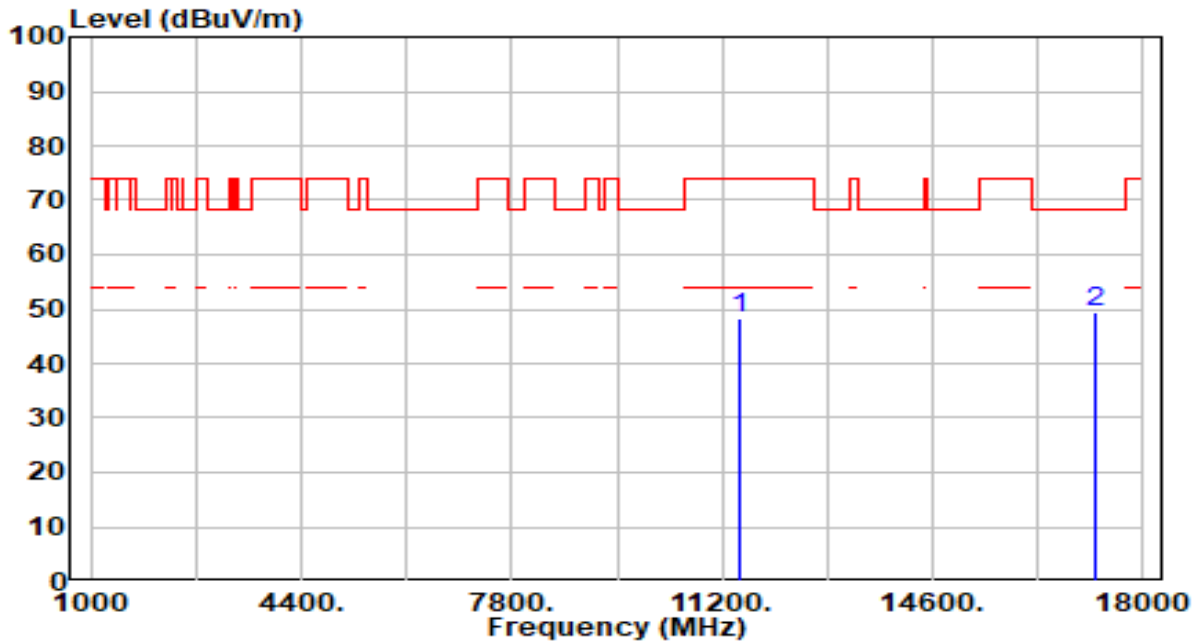


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	44.15	3.57	47.71	-26.29	74.00	100	256	Peak
2	* 17235.000	44.79	4.45	49.24	-18.96	68.20	100	11	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz



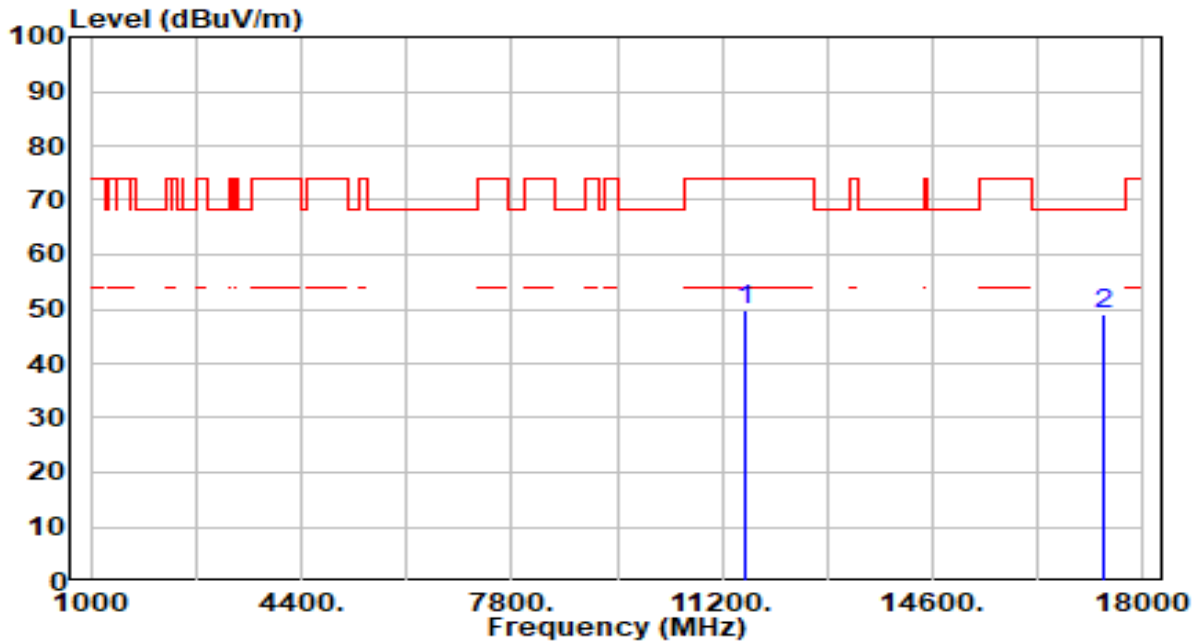
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	44.67	3.57	48.24	-25.76	74.00	100	37	Peak
2	* 17235.000	44.92	4.45	49.37	-18.83	68.20	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

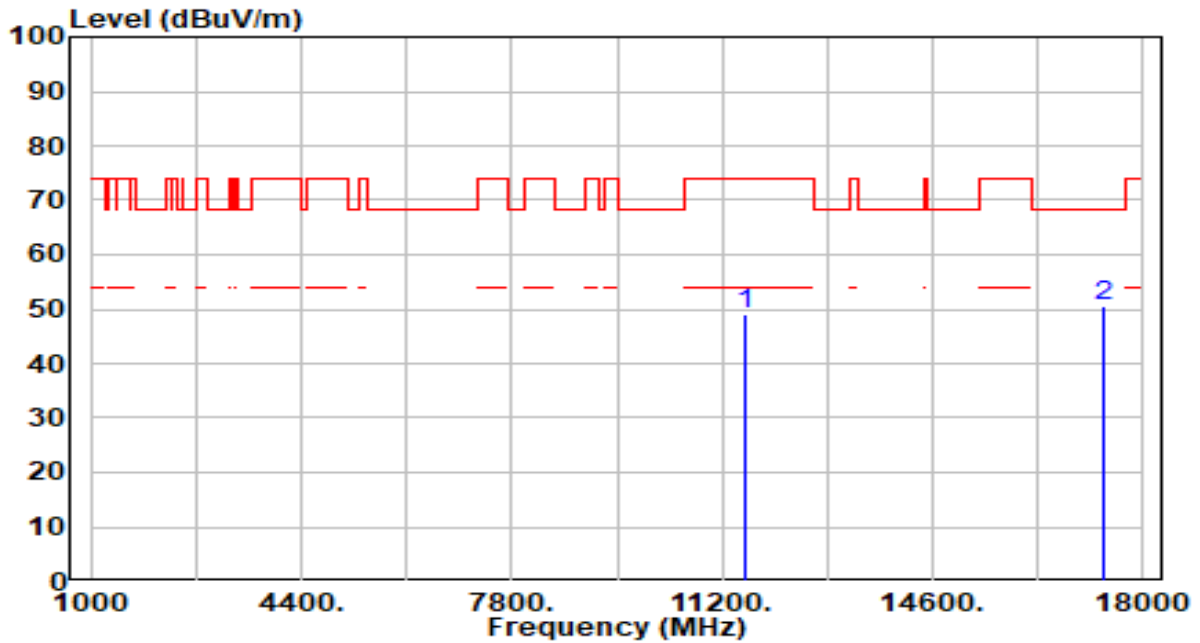


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	45.98	3.65	49.63	-24.37	74.00	100	278	Peak
2	* 17355.000	44.92	4.06	48.98	-19.22	68.20	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1+2	Test Voltage	AC 120V/60Hz

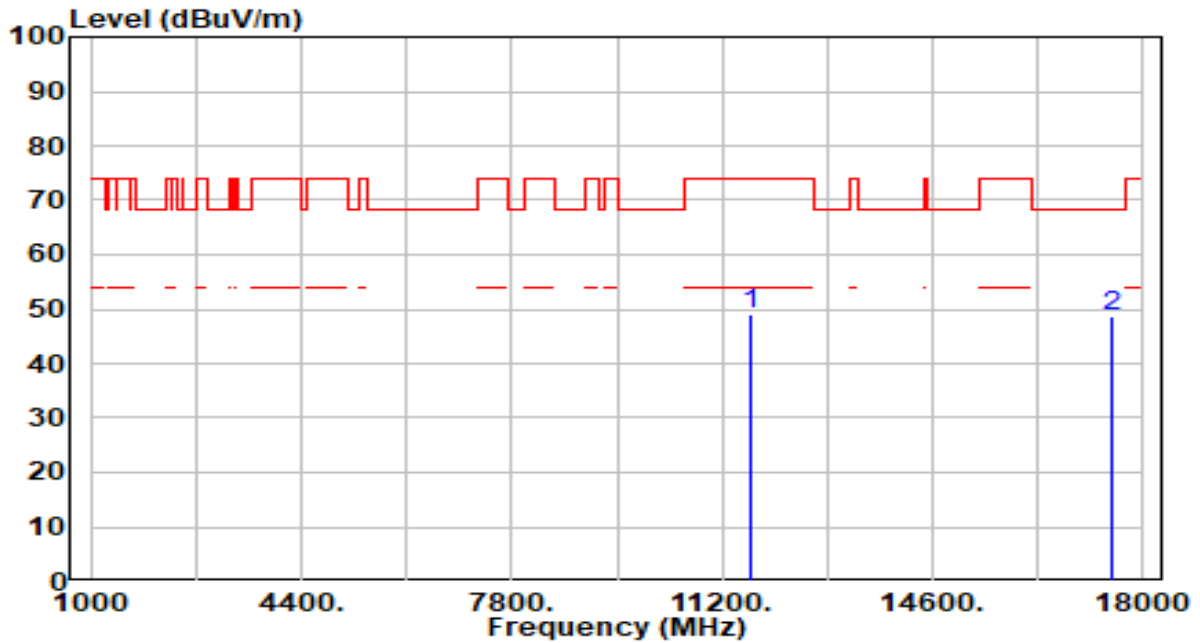


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	45.47	3.65	49.13	-24.87	74.00	100	53	Peak
2	* 17355.000	46.34	4.06	50.40	-17.80	68.20	100	61	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

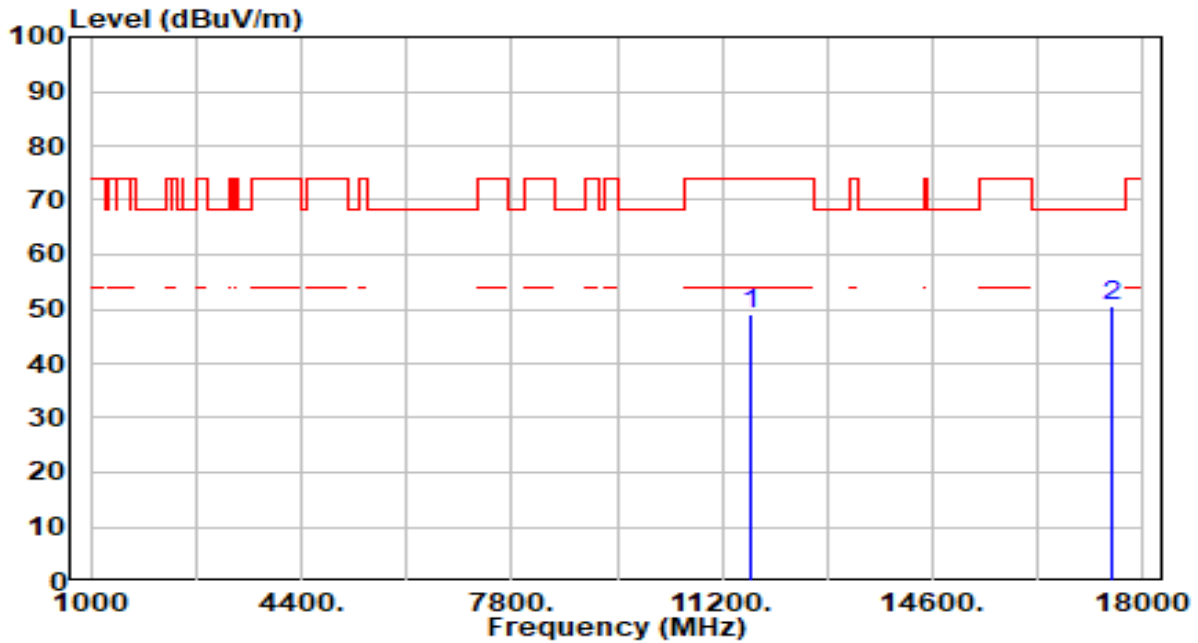


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	45.38	3.66	49.04	-24.96	74.00	100	258	Peak
2	* 17475.000	44.76	3.89	48.65	-19.55	68.20	100	203	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

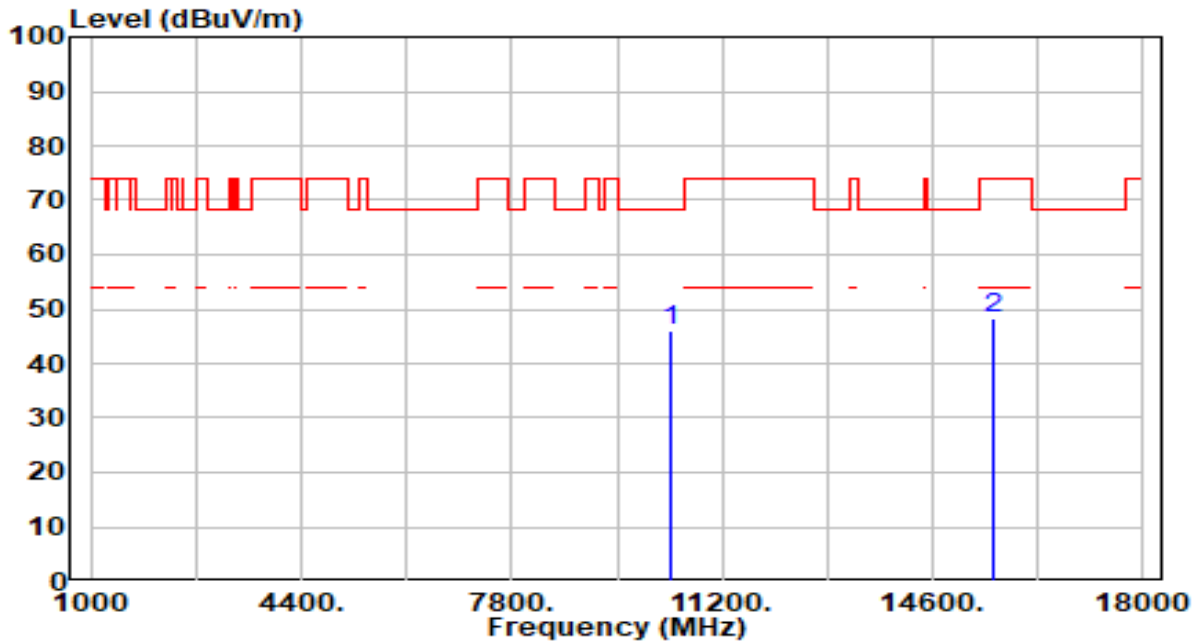


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11650.000	45.56	3.66	49.22	-24.78	74.00	100	57	Peak
2	* 17475.000	46.53	3.89	50.42	-17.78	68.20	100	267	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

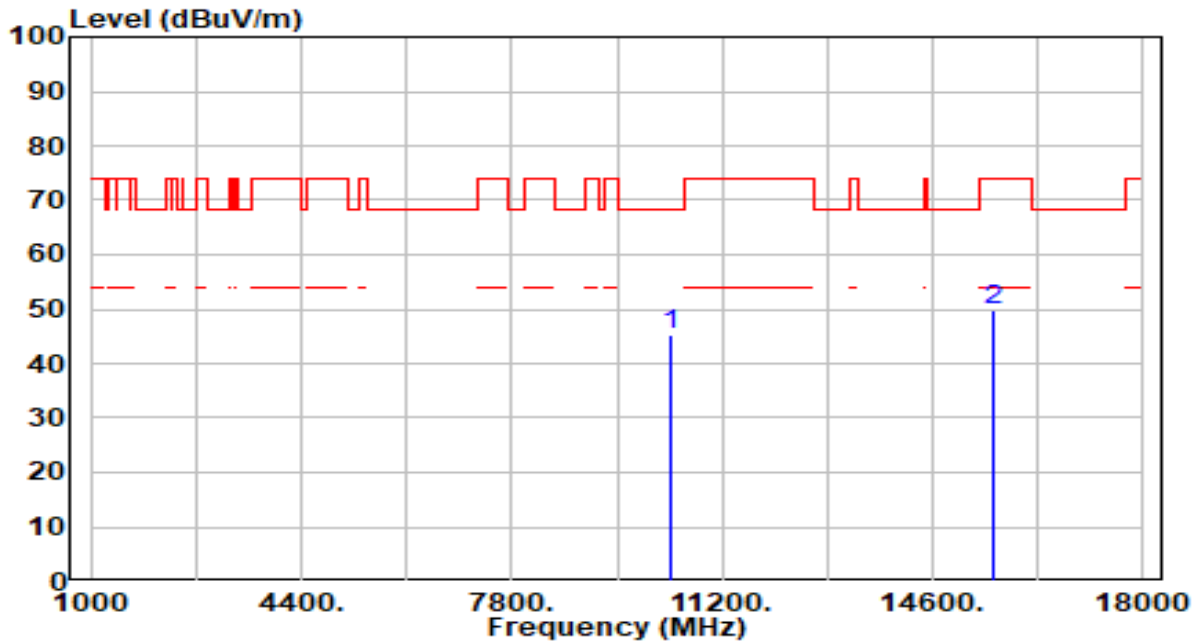


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	43.18	2.79	45.97	-22.23	68.20	100	294	Peak
2	15570.000	43.83	4.52	48.35	-25.65	74.00	100	255	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

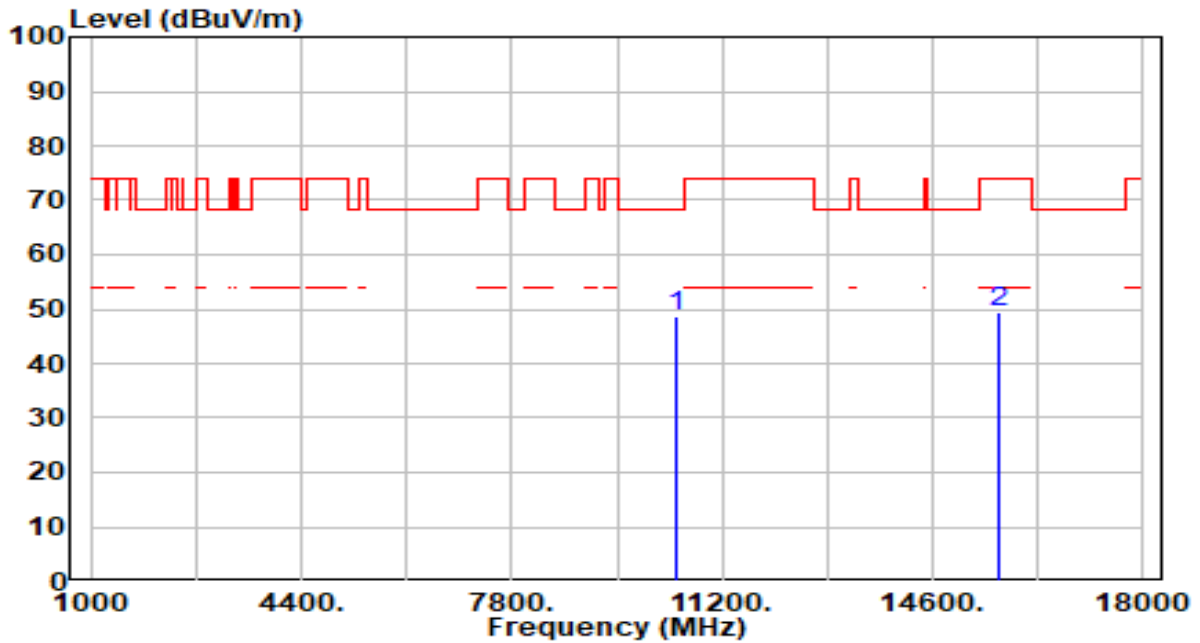


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	42.53	2.79	45.31	-22.89	68.20	100	161	Peak
2	15570.000	45.41	4.52	49.93	-24.07	74.00	100	30	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1+2	Test Voltage	AC 120V/60Hz

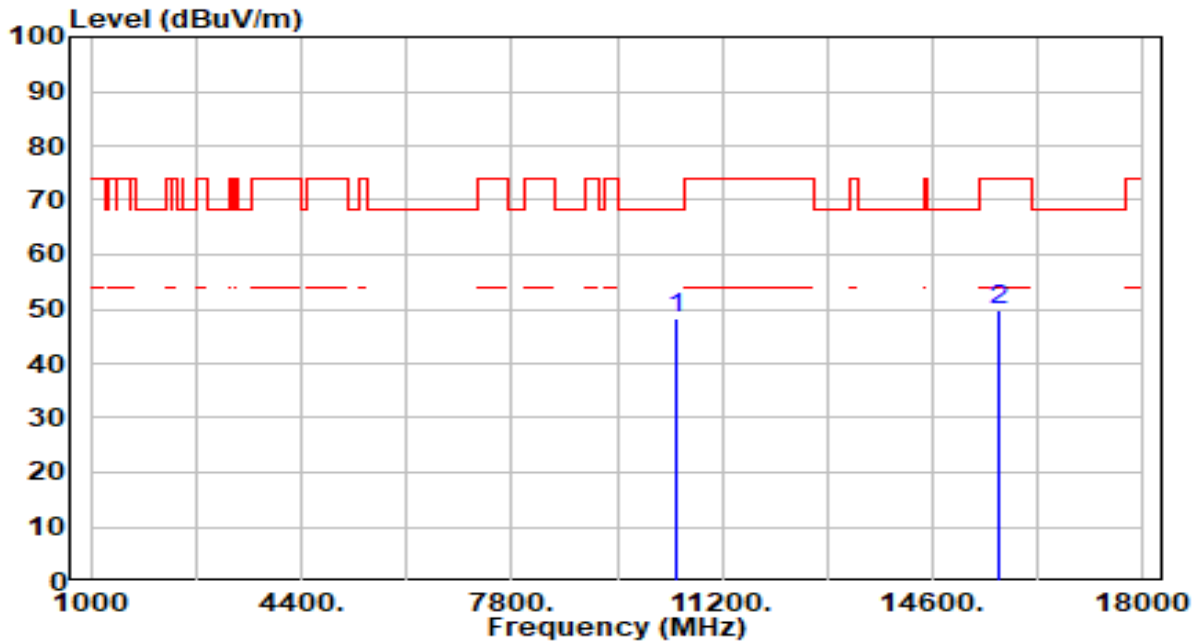


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	46.09	2.70	48.79	-19.41	68.20	100	134	Peak
2		44.54	4.75	49.29	-24.71	74.00	100	220	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1+2	Test Voltage	AC 120V/60Hz



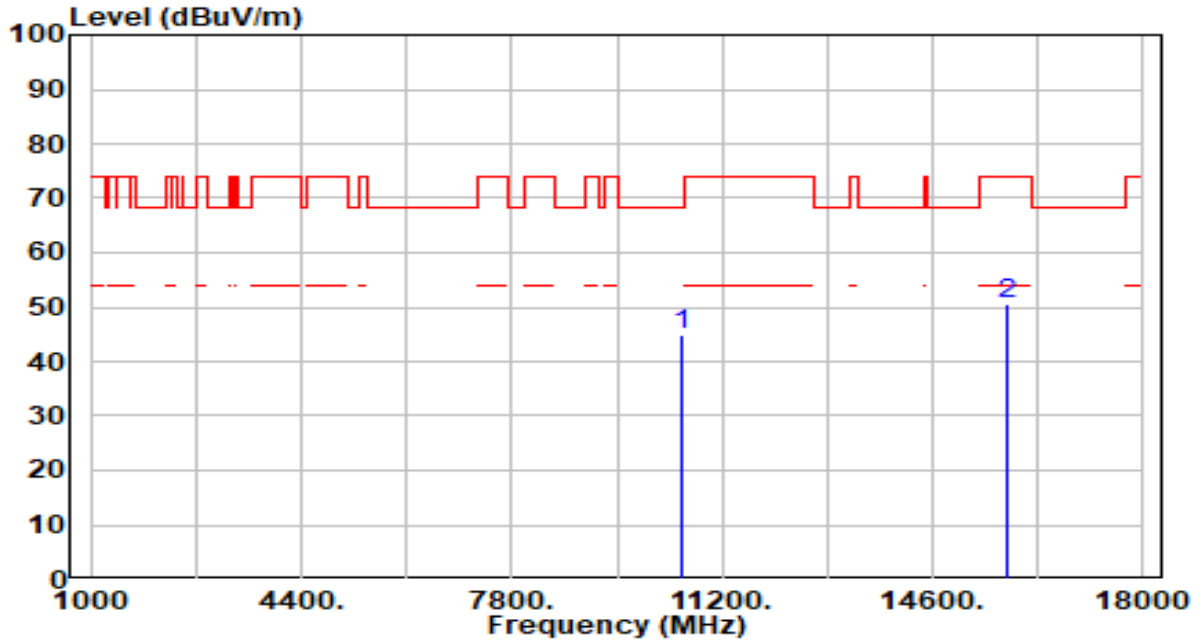
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10460.000	45.42	2.70	48.12	-20.08	68.20	100	1	Peak
2	15690.000	44.99	4.75	49.74	-24.26	74.00	100	234	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band2_CH 54_ANT 0+1+2	Test Voltage	AC 120V/60Hz

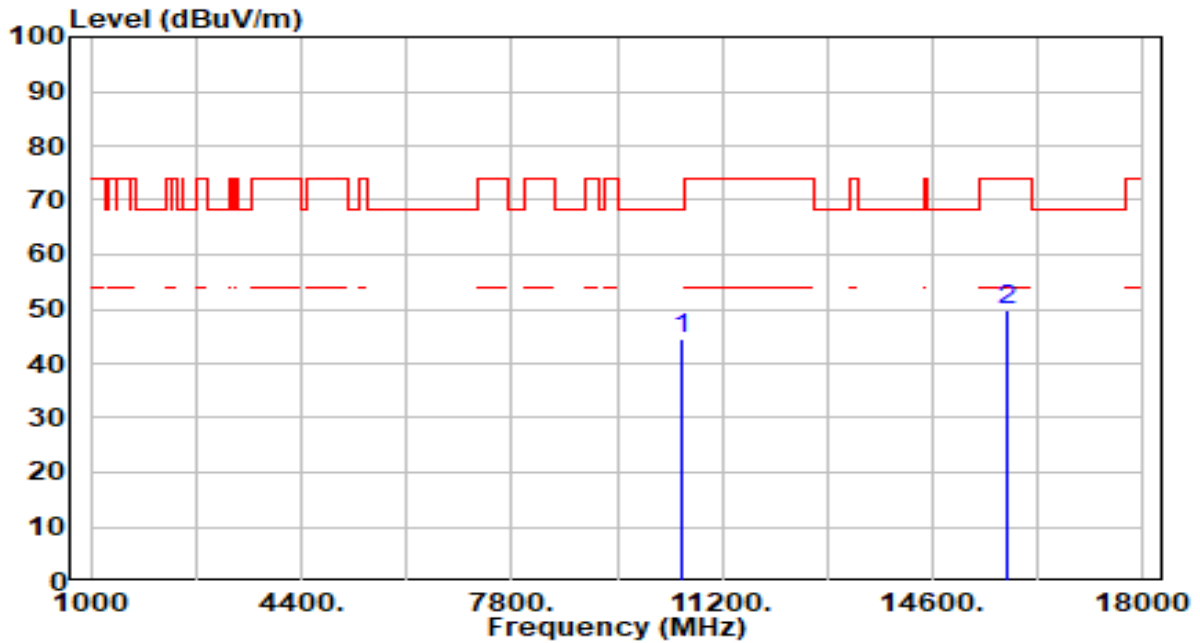


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10540.000	42.44	2.63	45.07	-23.13	68.20	100	0	Peak
2	15810.000	45.53	5.06	50.59	-23.41	74.00	100	38	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band2_CH 54_ANT 0+1+2	Test Voltage	AC 120V/60Hz

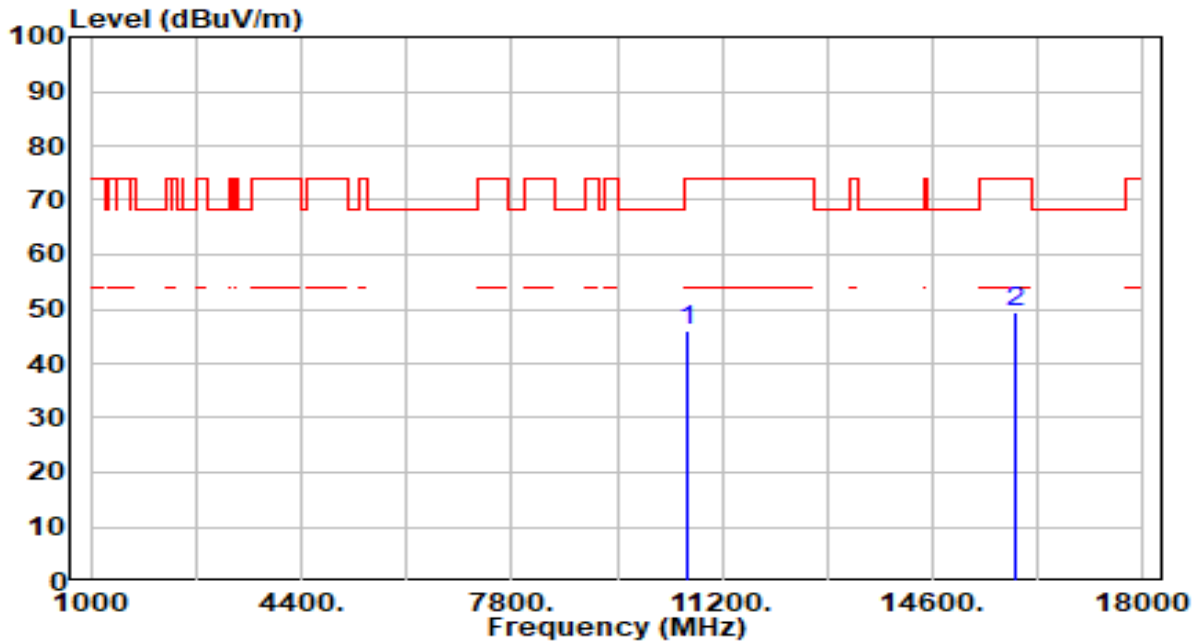


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10540.000	41.80	2.63	44.43	-23.77	68.20	100	330	Peak
2	15810.000	44.86	5.06	49.92	-24.08	74.00	100	16	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

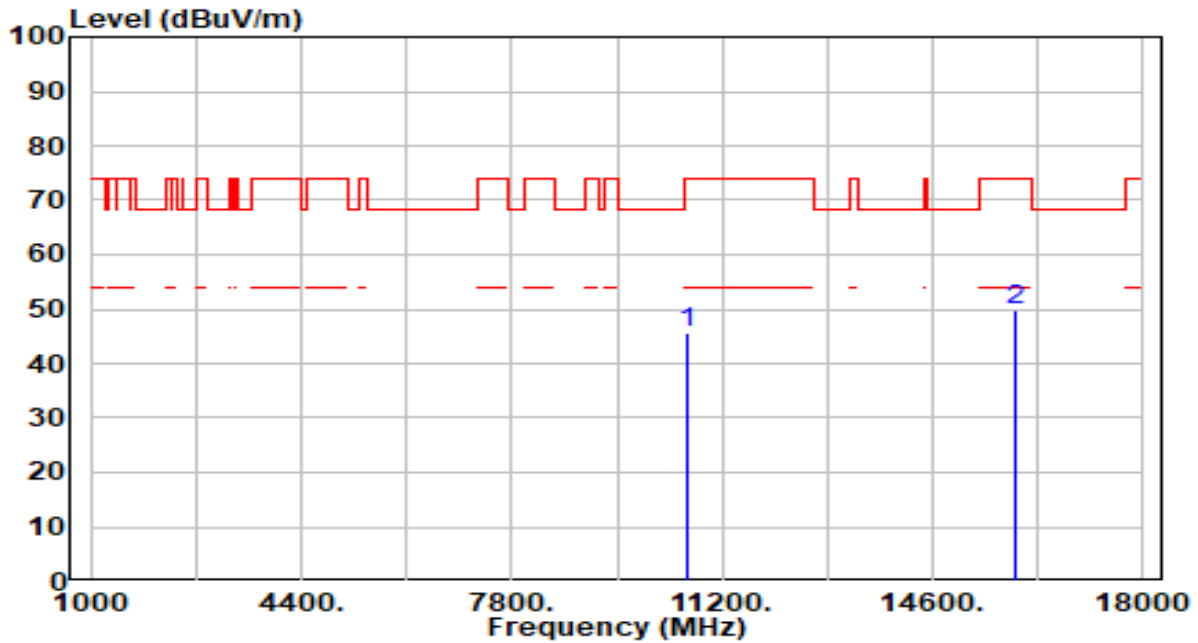


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10620.000	43.51	2.61	46.12	-27.88	74.00	100	208	Peak
2	* 15930.000	44.14	5.15	49.29	-24.71	74.00	100	326	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

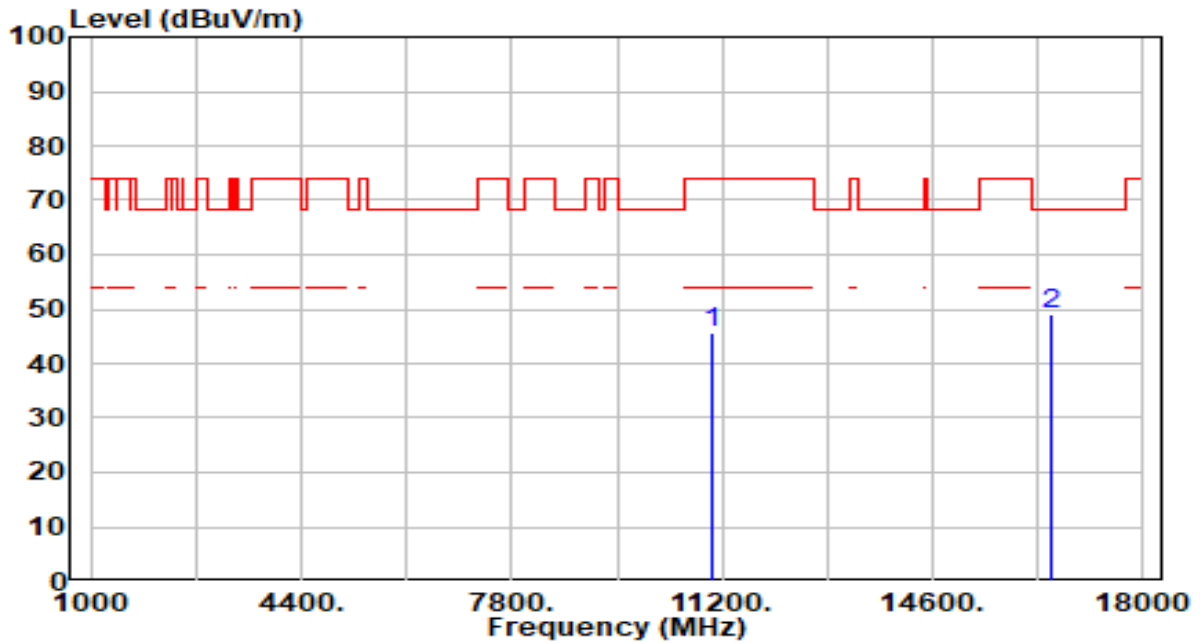


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10620.000	43.11	2.61	45.73	-28.27	74.00	100	6	Peak
2	* 15930.000	44.51	5.15	49.66	-24.34	74.00	100	41	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

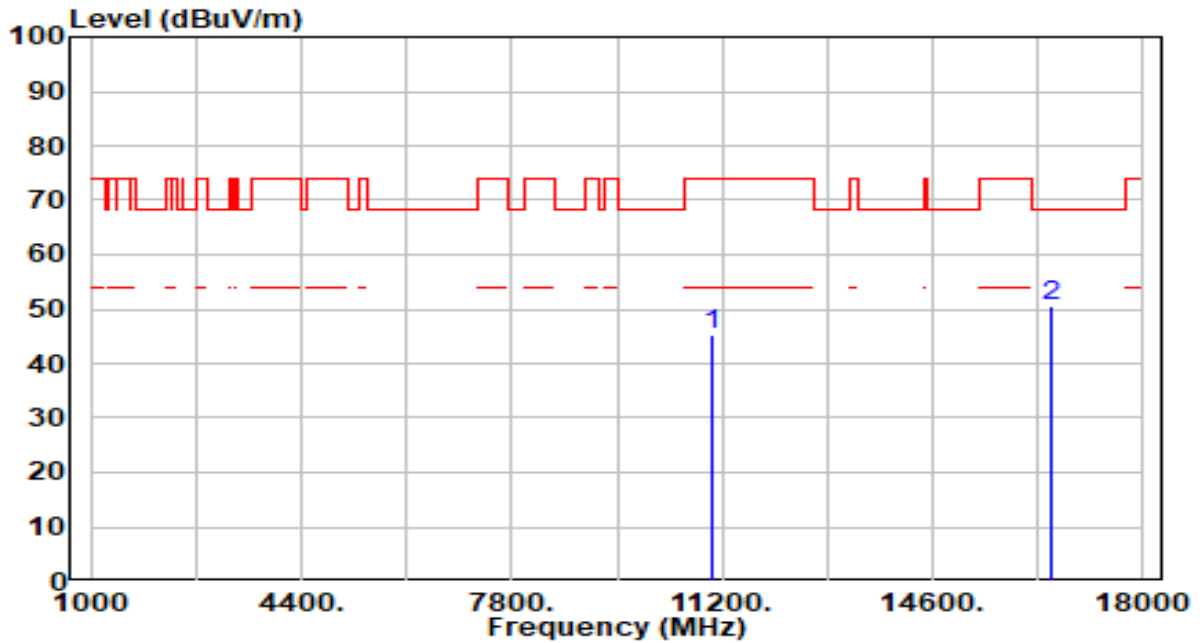


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	42.93	2.66	45.59	-28.41	74.00	100	10	Peak
2	* 16530.000	44.27	4.63	48.90	-19.30	68.20	100	356	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

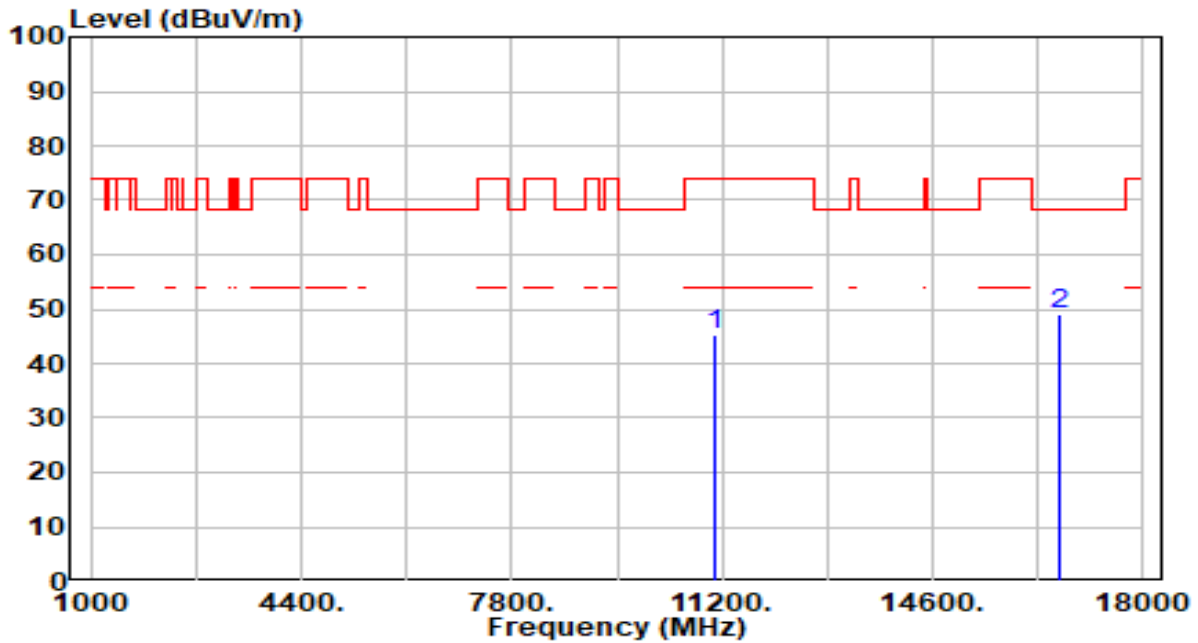


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	42.68	2.66	45.34	-28.66	74.00	100	349	Peak
2	* 16530.000	46.02	4.63	50.64	-17.56	68.20	100	198	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 110_ANT 0+1+2	Test Voltage	AC 120V/60Hz

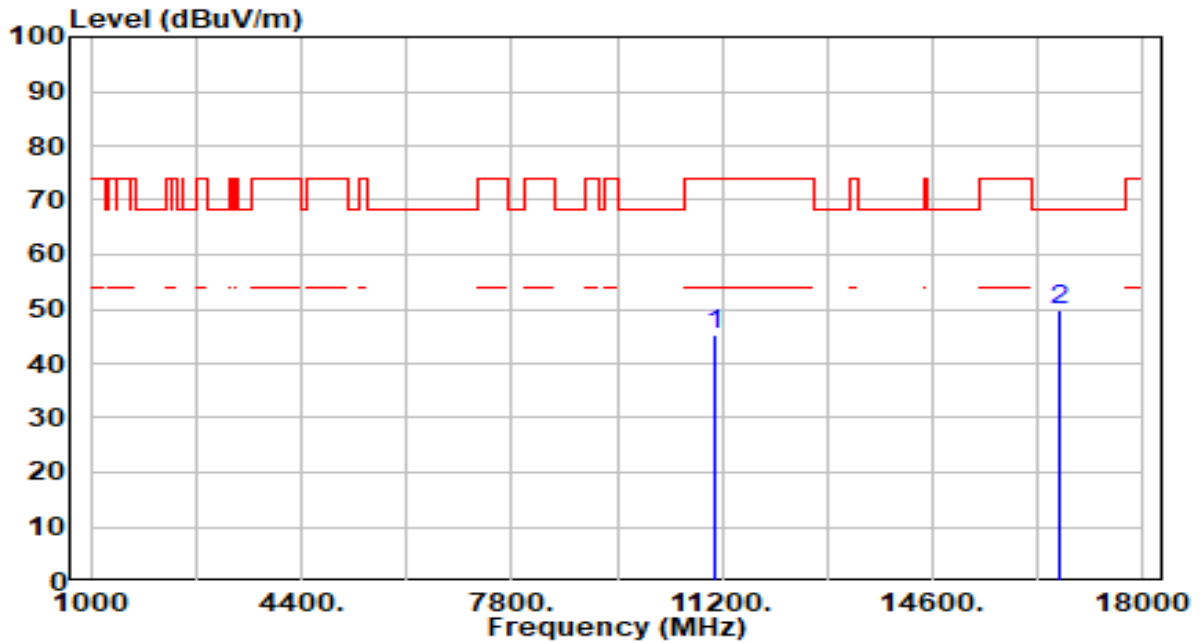


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	42.28	2.90	45.18	-28.82	74.00	100	318	Peak
2	* 16650.000	44.55	4.63	49.18	-19.02	68.20	100	194	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB).
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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 110_ANT 0+1+2	Test Voltage	AC 120V/60Hz



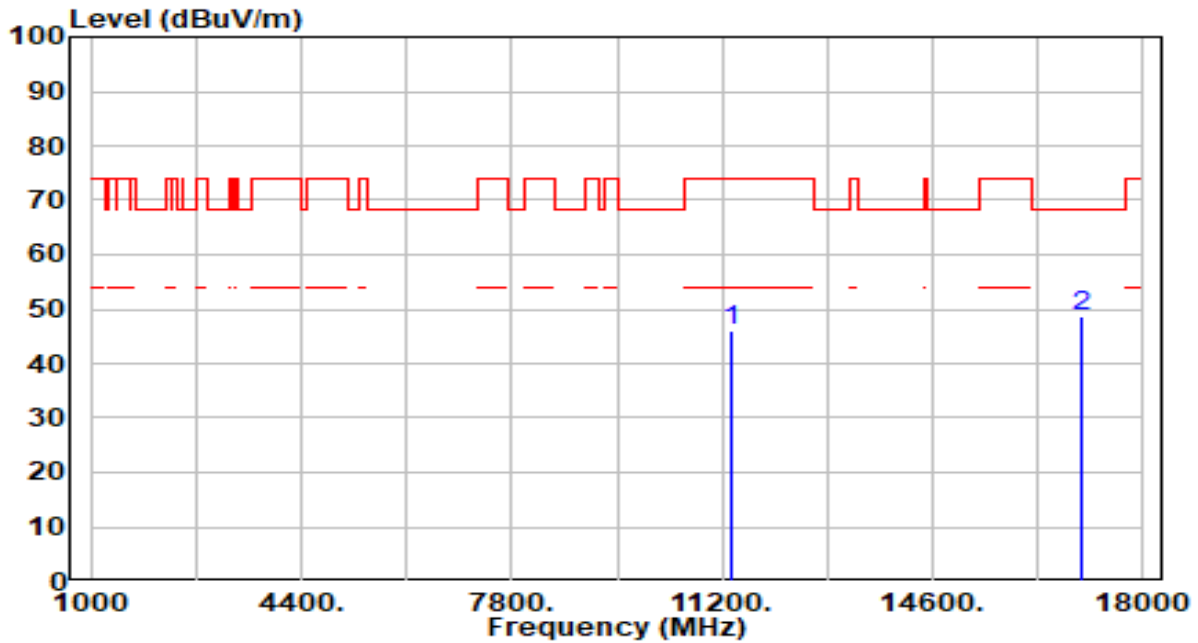
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	42.44	2.90	45.34	-28.66	74.00	100	59	Peak
2	* 16650.000	44.99	4.63	49.62	-18.58	68.20	100	170	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

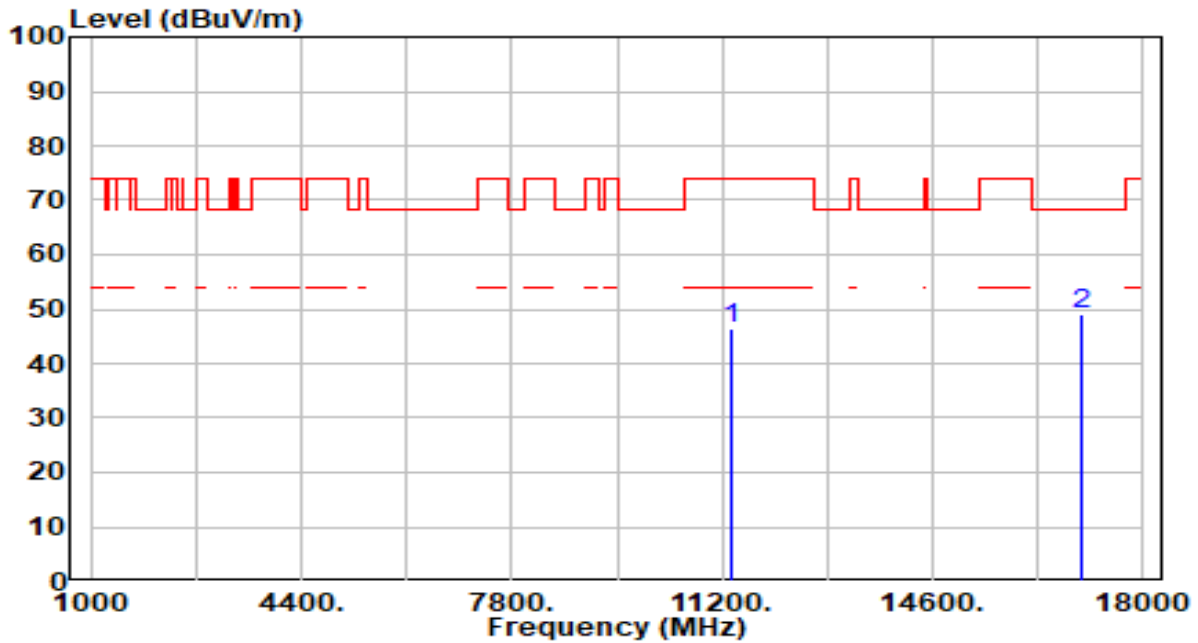


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	42.80	3.39	46.20	-27.80	74.00	100	178	Peak
2	* 17010.000	43.67	5.00	48.67	-19.53	68.20	100	34	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

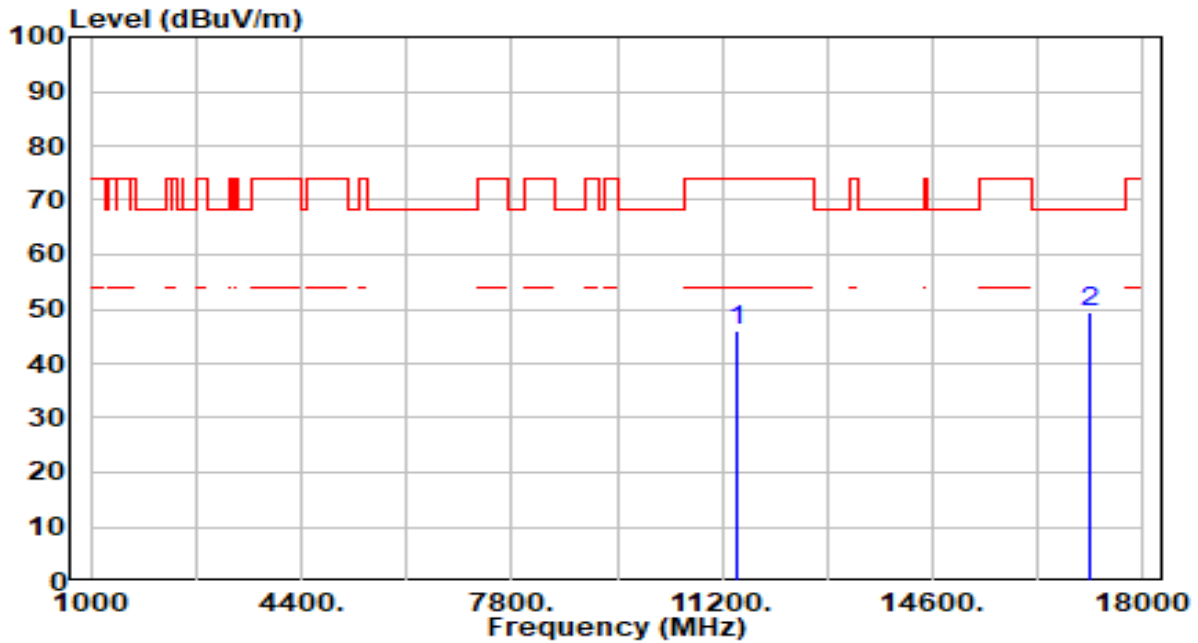


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	42.97	3.39	46.36	-27.64	74.00	100	0	Peak
2	* 17010.000	44.22	5.00	49.21	-18.99	68.20	100	0	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 142_ANT 0+1+2	Test Voltage	AC 120V/60Hz

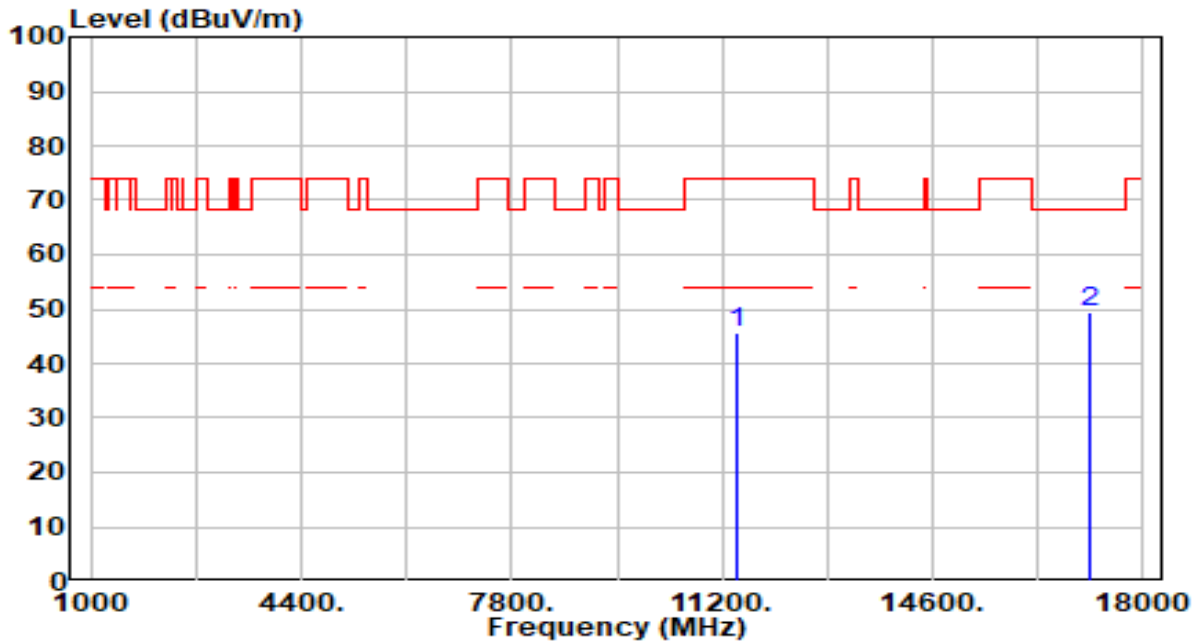


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	42.47	3.50	45.97	-28.03	74.00	100	122	Peak
2	* 17130.000	44.55	4.72	49.27	-18.93	68.20	100	198	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band3_CH 142_ANT 0+1+2	Test Voltage	AC 120V/60Hz

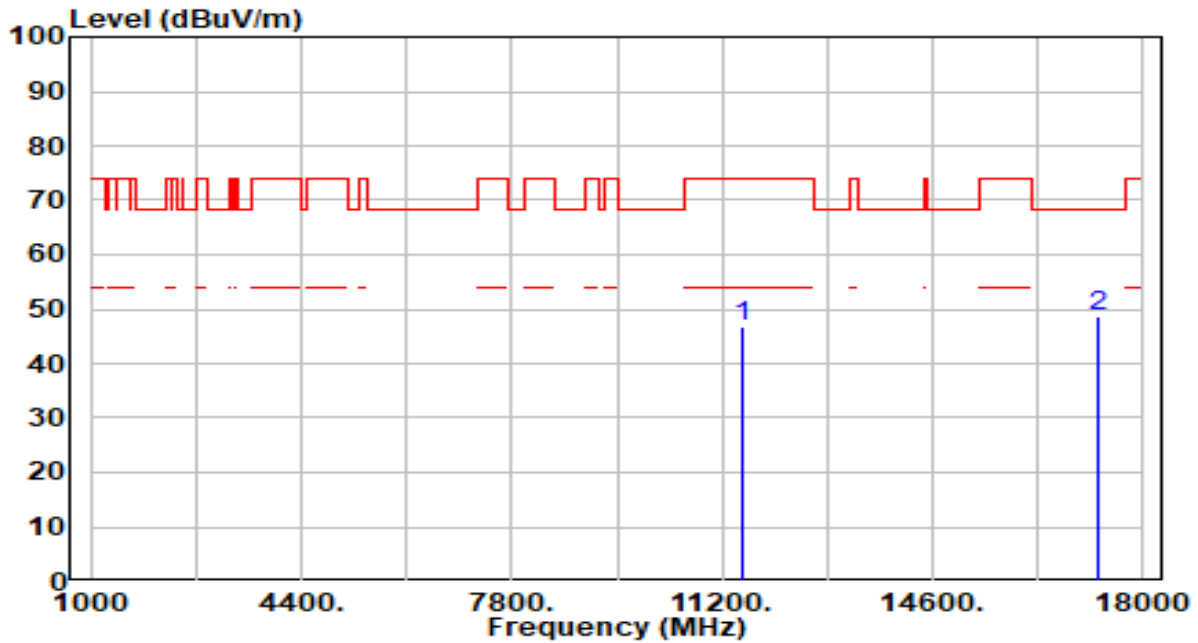


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	42.19	3.50	45.69	-28.31	74.00	100	360	Peak
2	* 17130.000	44.69	4.72	49.41	-18.79	68.20	100	87	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

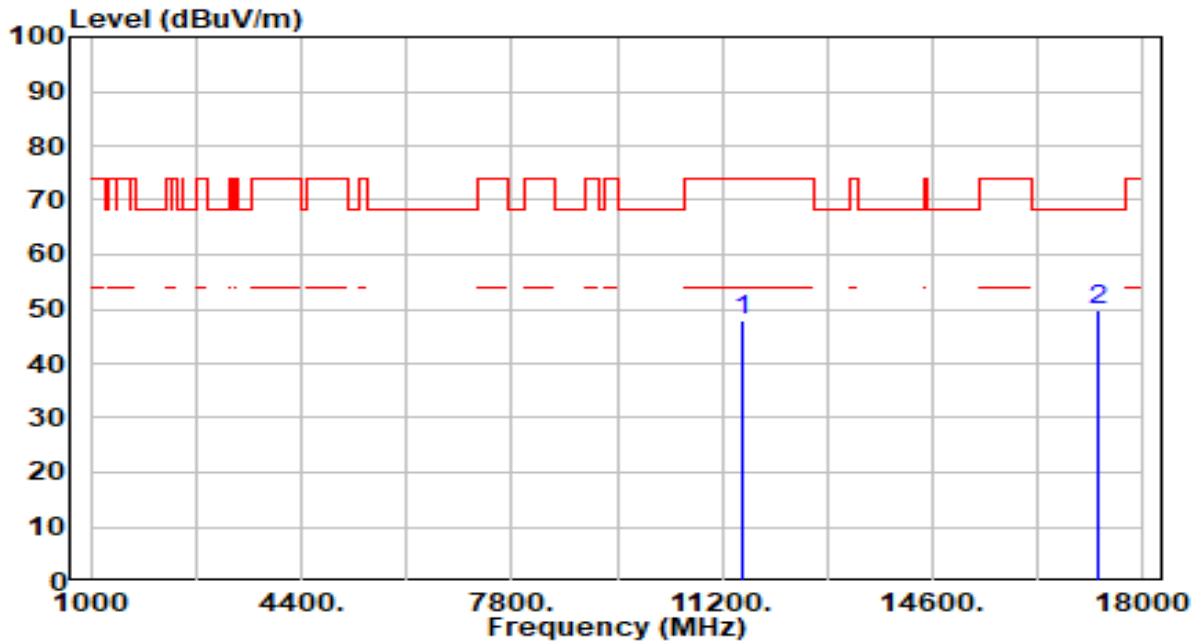


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	43.31	3.59	46.90	-27.10	74.00	100	318	Peak
2	* 17265.000	44.14	4.35	48.49	-19.71	68.20	100	353	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

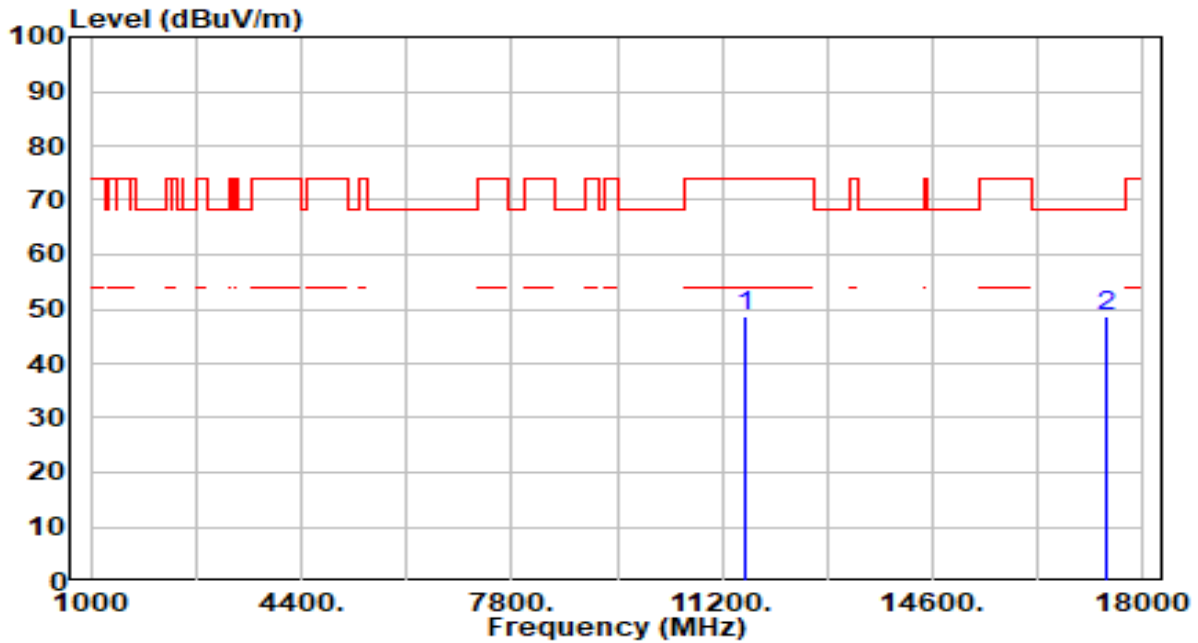


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	44.37	3.59	47.95	-26.05	74.00	100	216	Peak
2	* 17265.000	45.53	4.35	49.89	-18.31	68.20	100	15	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

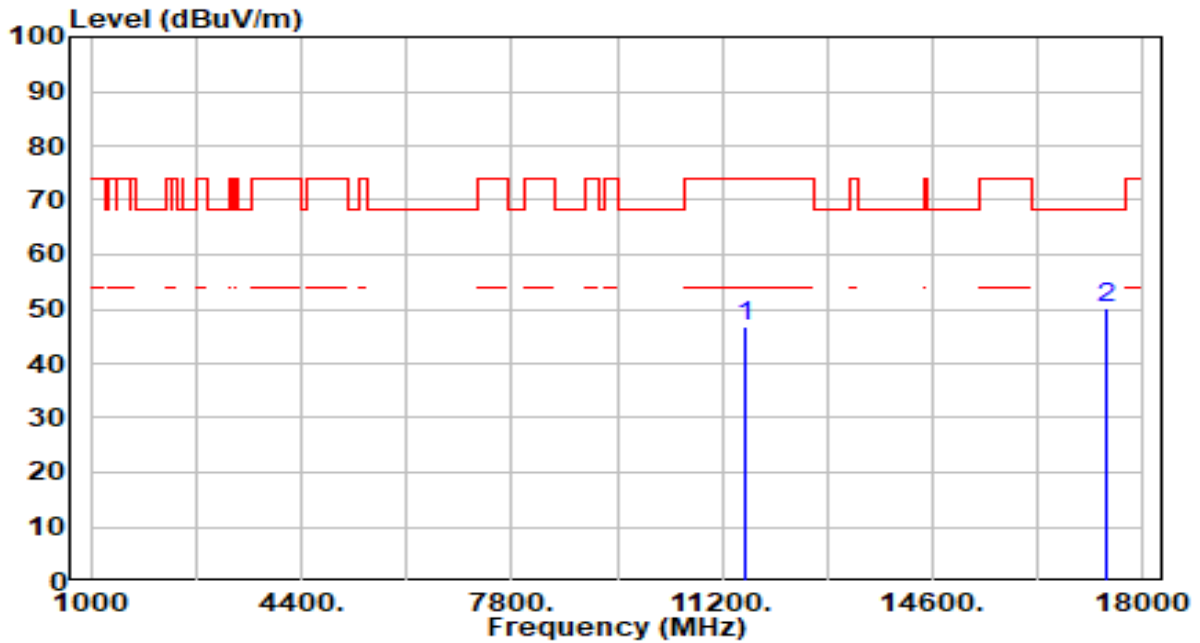


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11590.000	44.96	3.67	48.64	-25.36	74.00	100	296	Peak
2	* 17385.000	44.81	3.96	48.77	-19.43	68.20	100	3	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz



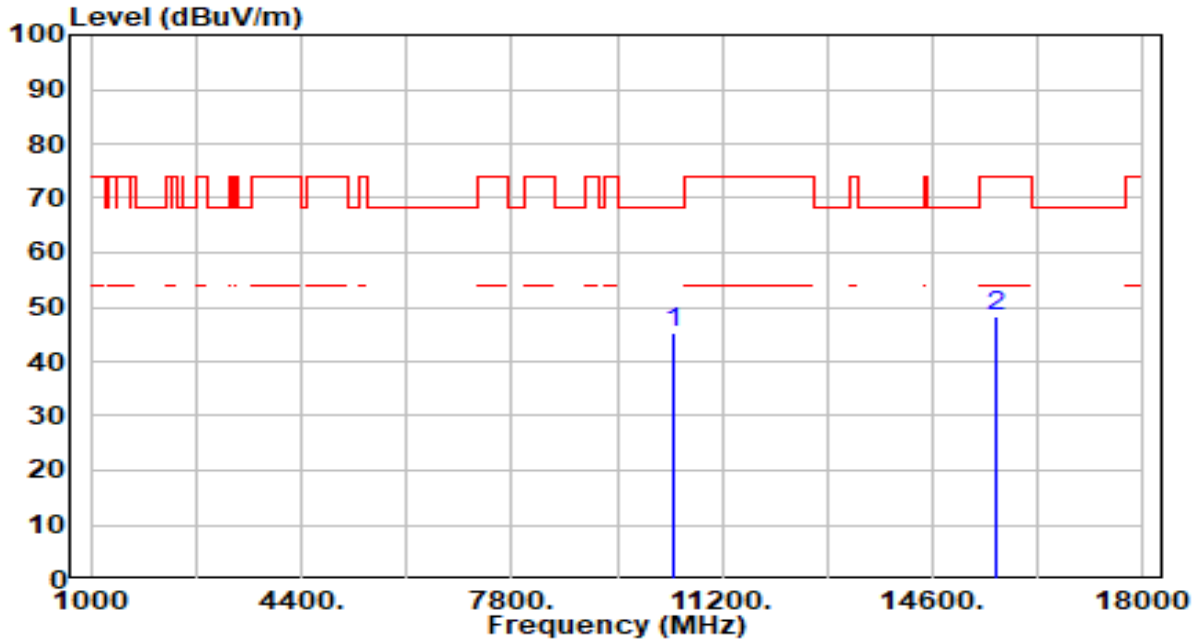
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11590.000	43.13	3.67	46.80	-27.20	74.00	100	214	Peak
2	* 17385.000	46.06	3.96	50.02	-18.18	68.20	100	357	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

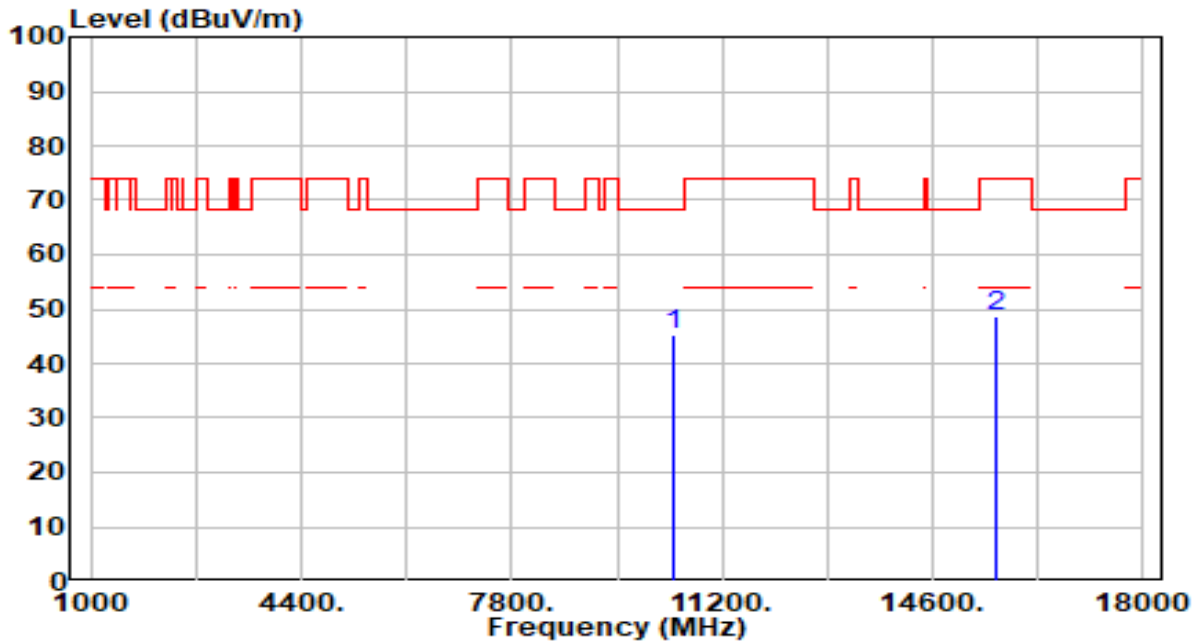


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10420.000	42.40	2.74	45.14	-23.06	68.20	100	194	Peak
2	15630.000	43.73	4.59	48.32	-25.68	74.00	100	226	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

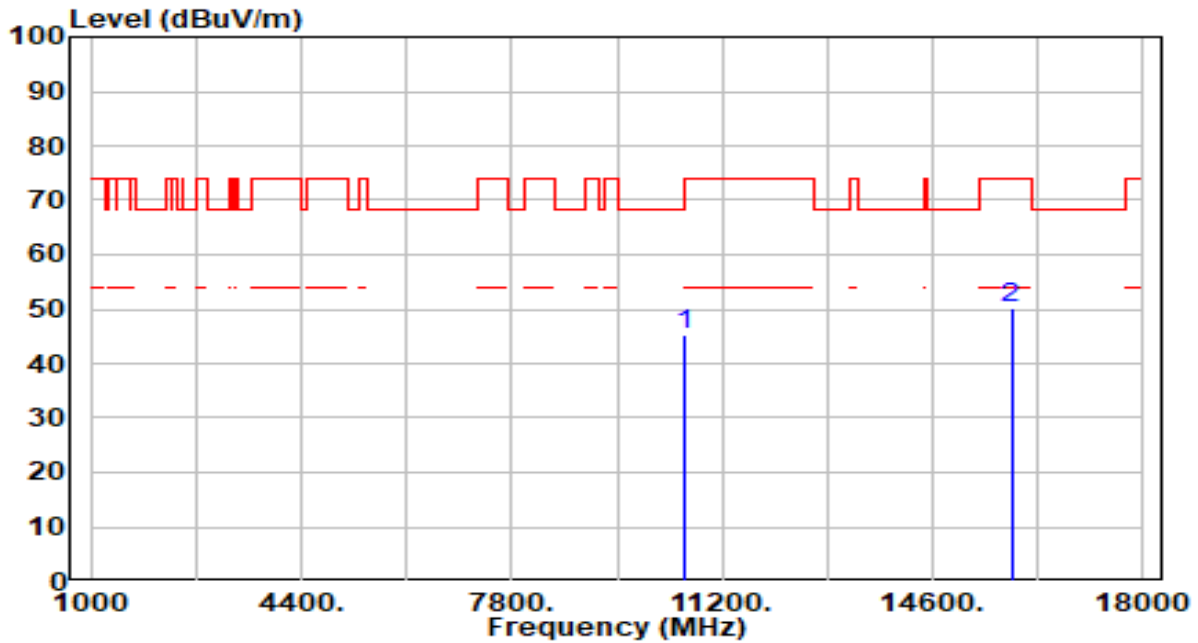


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	42.57	2.74	45.31	-22.89	68.20	100	231	Peak
2		43.95	4.59	48.54	-25.46	74.00	100	89	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

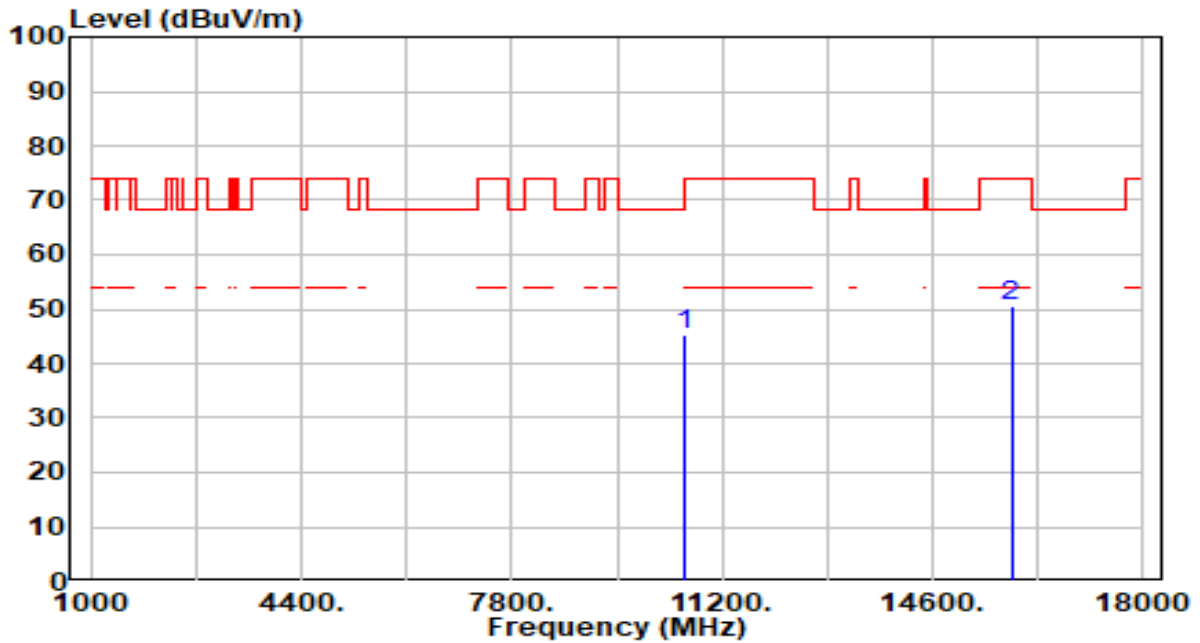


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10580.000	42.52	2.61	45.13	-23.07	68.20	100	46	Peak
2	15870.000	45.11	5.11	50.21	-23.79	74.00	100	267	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

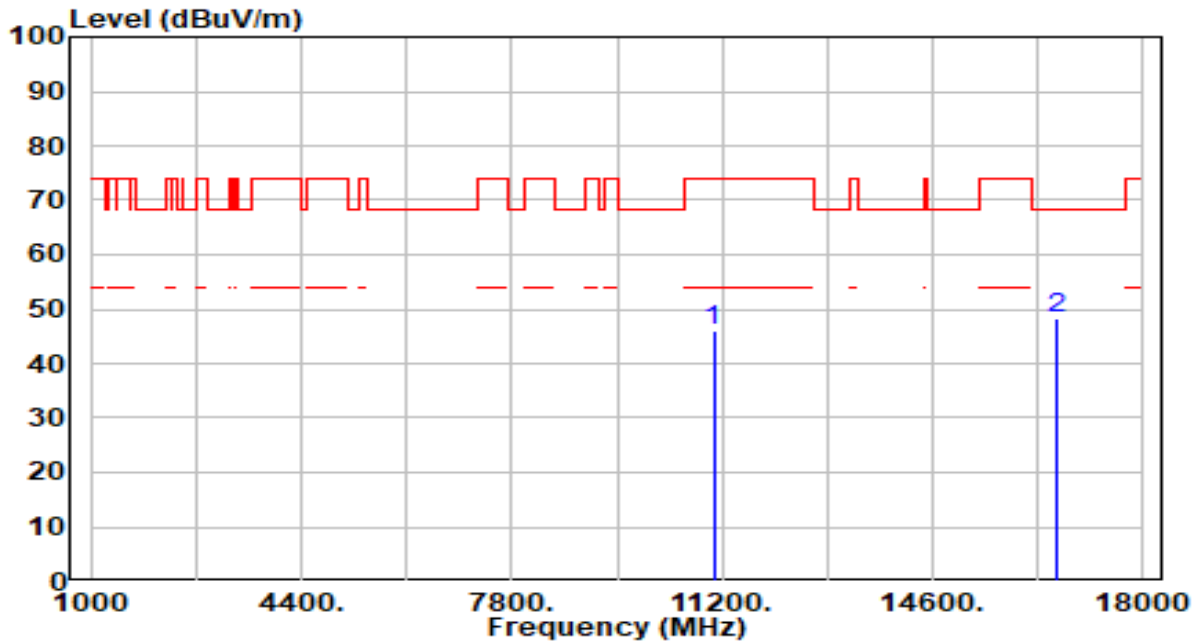


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10580.000	42.86	2.61	45.47	-22.73	68.20	100	99	Peak
2	15870.000	45.49	5.11	50.60	-23.40	74.00	100	76	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

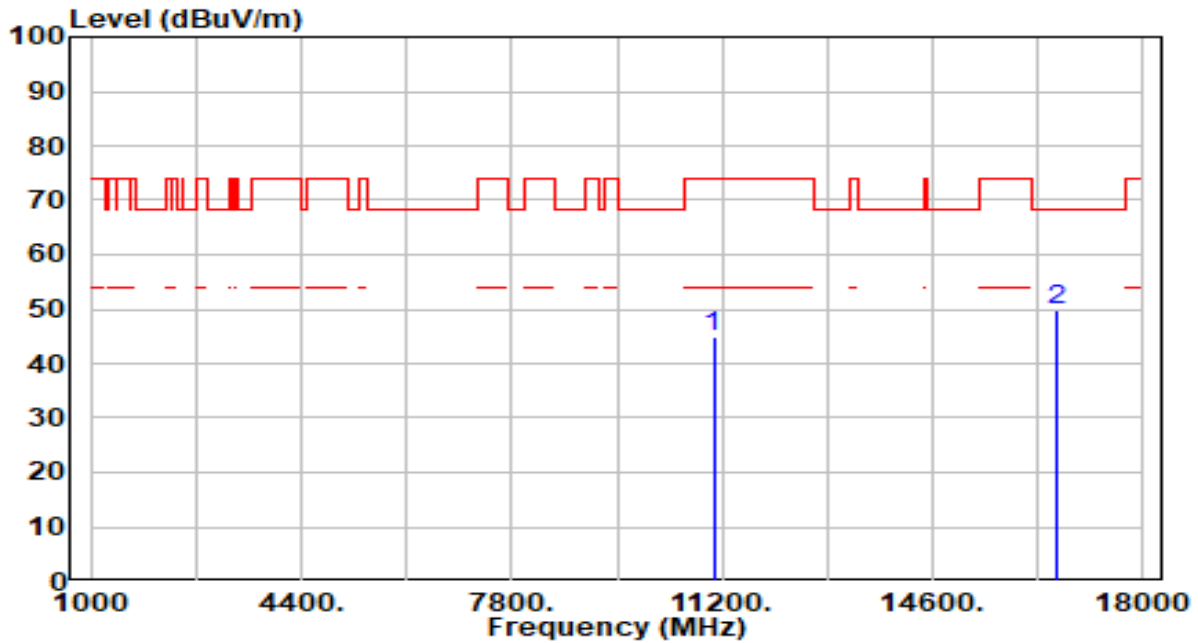


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	43.41	2.78	46.19	-27.81	74.00	100	333	Peak
2	* 16590.000	43.73	4.62	48.35	-19.85	68.20	100	221	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

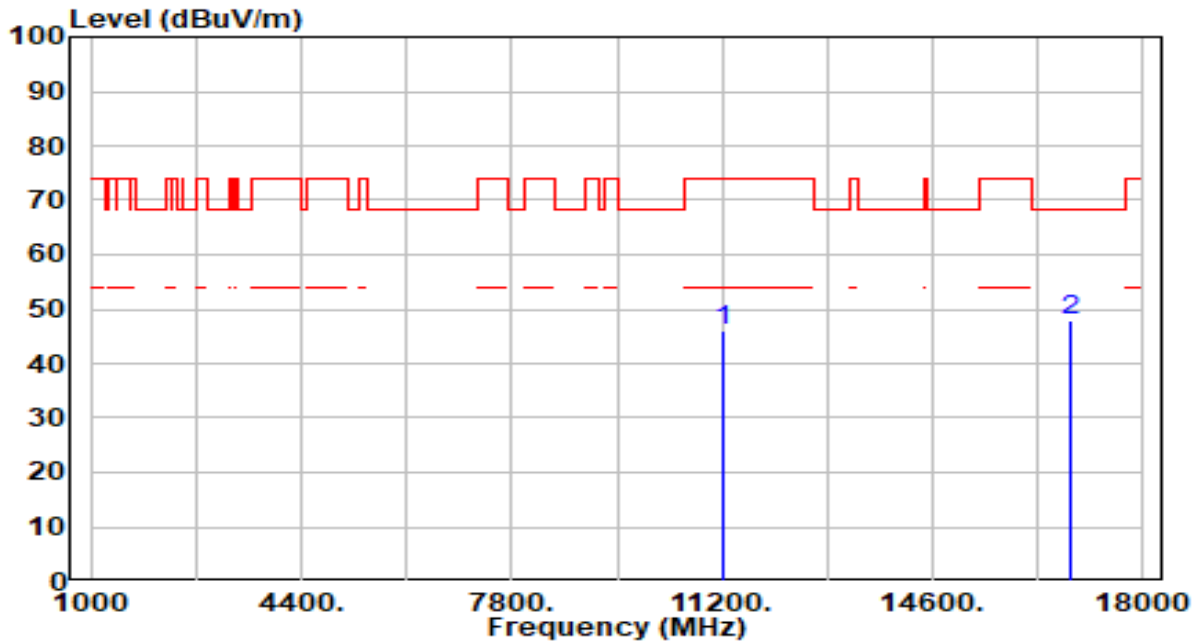


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	42.16	2.78	44.94	-29.06	74.00	100	1	Peak
2	* 16590.000	45.14	4.62	49.76	-18.44	68.20	100	162	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 122_ANT 0+1+2	Test Voltage	AC 120V/60Hz

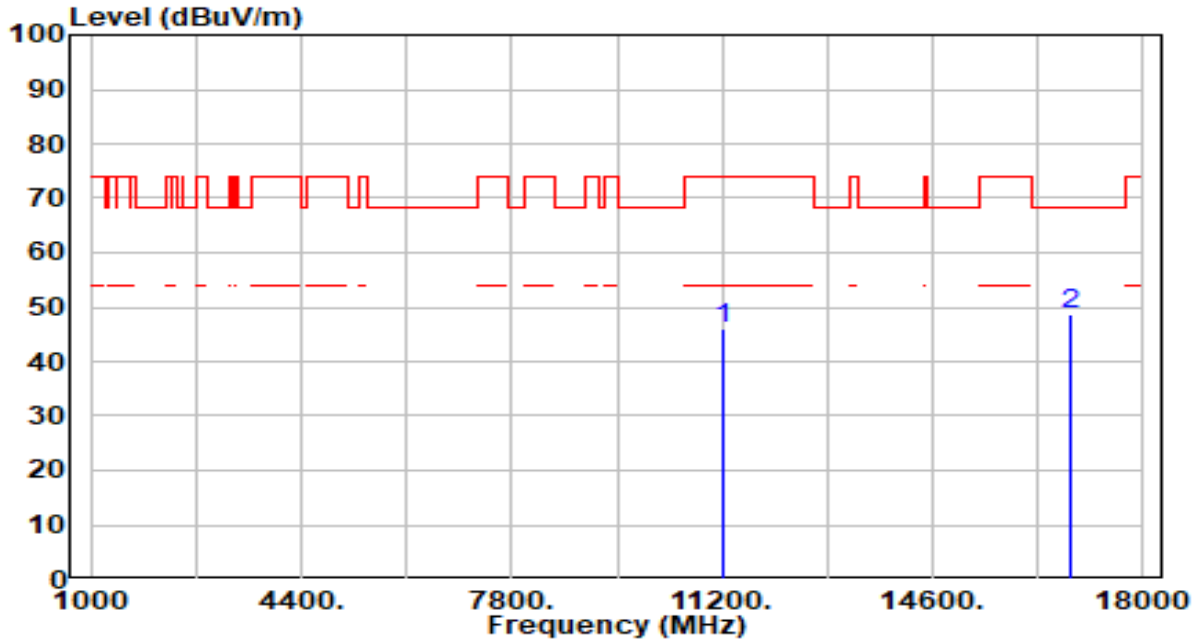


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	42.92	3.22	46.14	-27.86	74.00	100	1	Peak
2	* 16830.000	43.26	4.61	47.87	-20.33	68.20	100	157	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 122_ANT 0+1+2	Test Voltage	AC 120V/60Hz



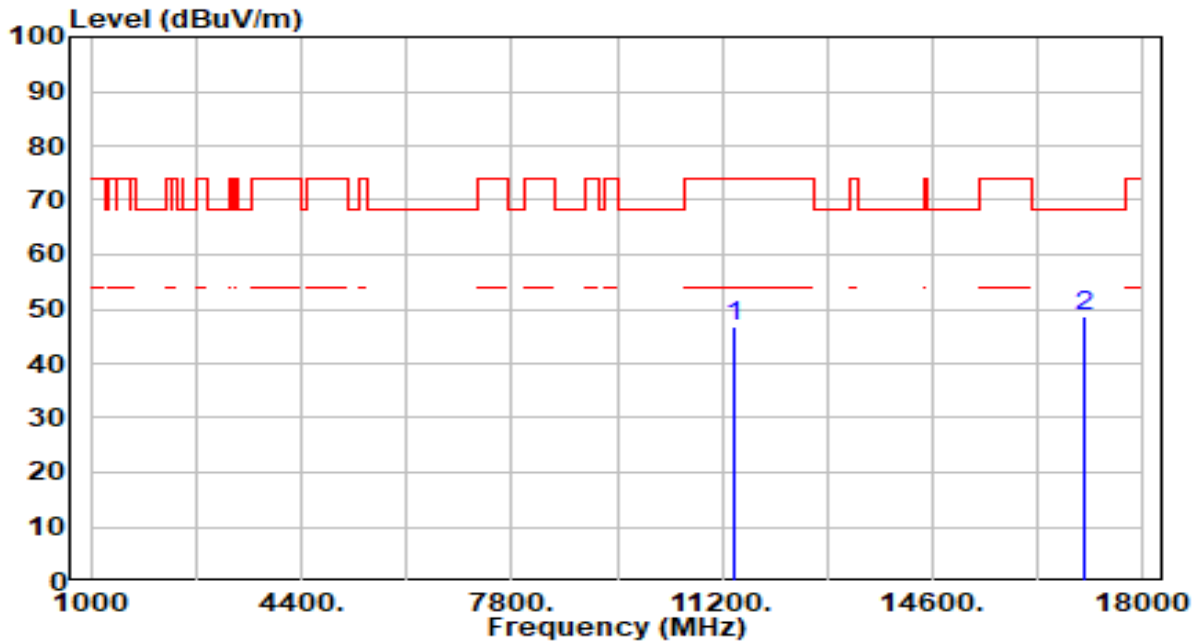
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	42.93	3.22	46.15	-27.85	74.00	100	76	Peak
2	* 16830.000	43.93	4.61	48.54	-19.66	68.20	100	68	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 138_ANT 0+1+2	Test Voltage	AC 120V/60Hz

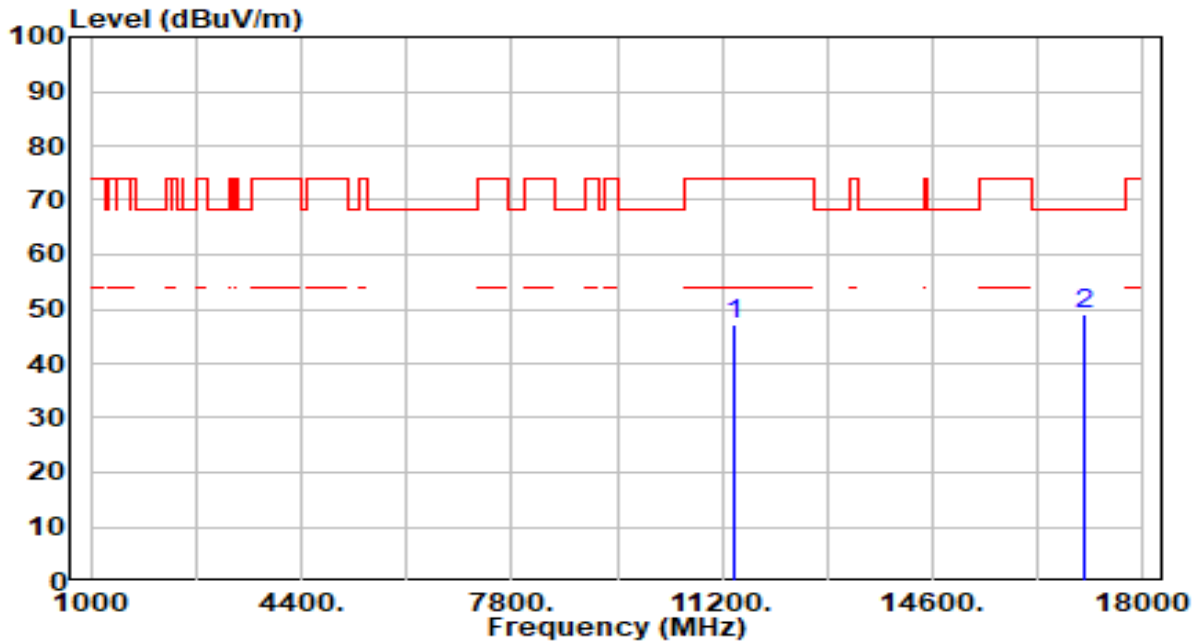


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	43.18	3.45	46.63	-27.37	74.00	100	280	Peak
2	* 17070.000	43.96	4.86	48.82	-19.38	68.20	100	145	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band3_CH 138_ANT 0+1+2	Test Voltage	AC 120V/60Hz

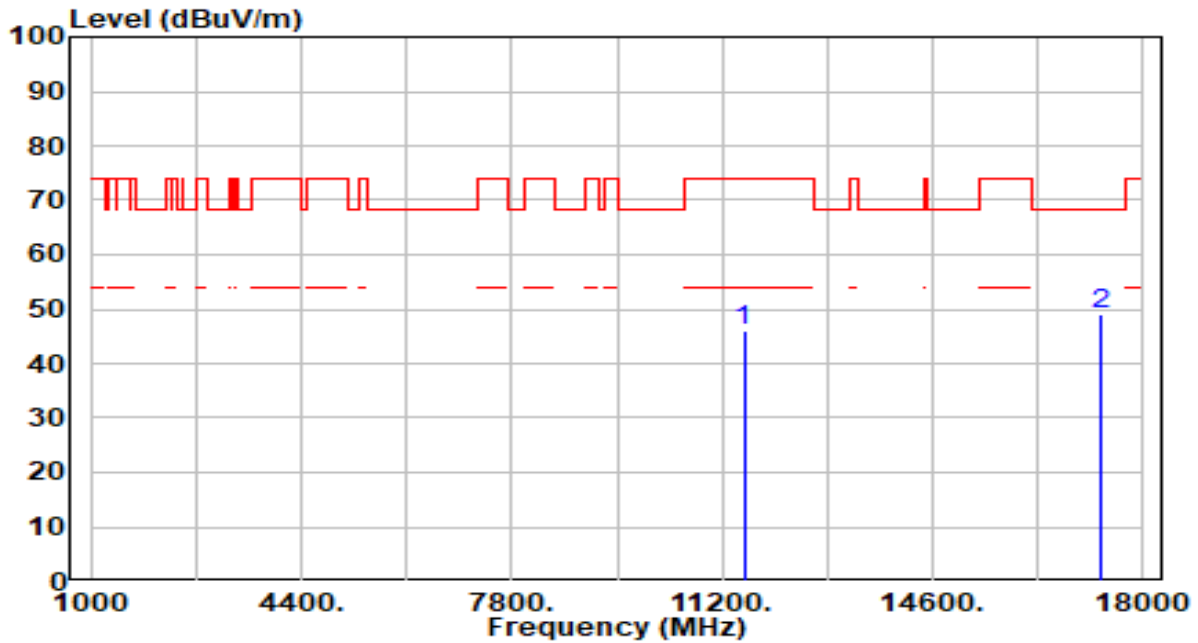


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	43.82	3.45	47.28	-26.72	74.00	100	170	Peak
2	* 17070.000	44.16	4.86	49.02	-19.18	68.20	100	7	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

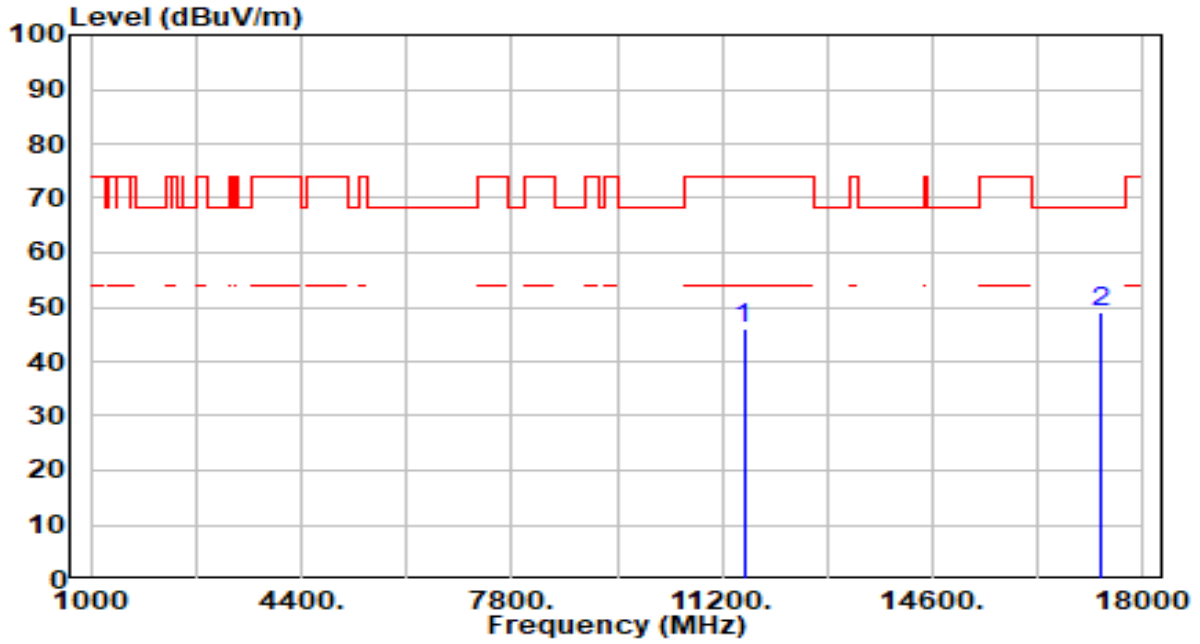


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	42.44	3.63	46.07	-27.93	74.00	100	149	Peak
2	* 17325.000	44.81	4.16	48.96	-19.24	68.20	100	188	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

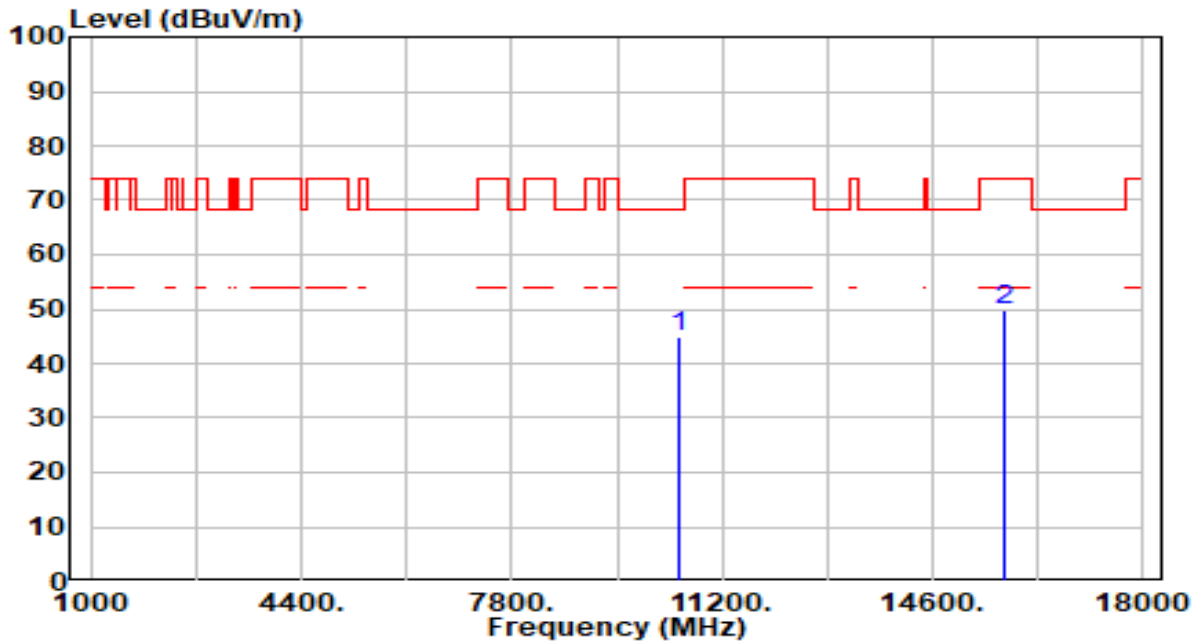


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	42.37	3.63	46.00	-28.00	74.00	100	28	Peak
2	* 17325.000	44.92	4.16	49.08	-19.12	68.20	100	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

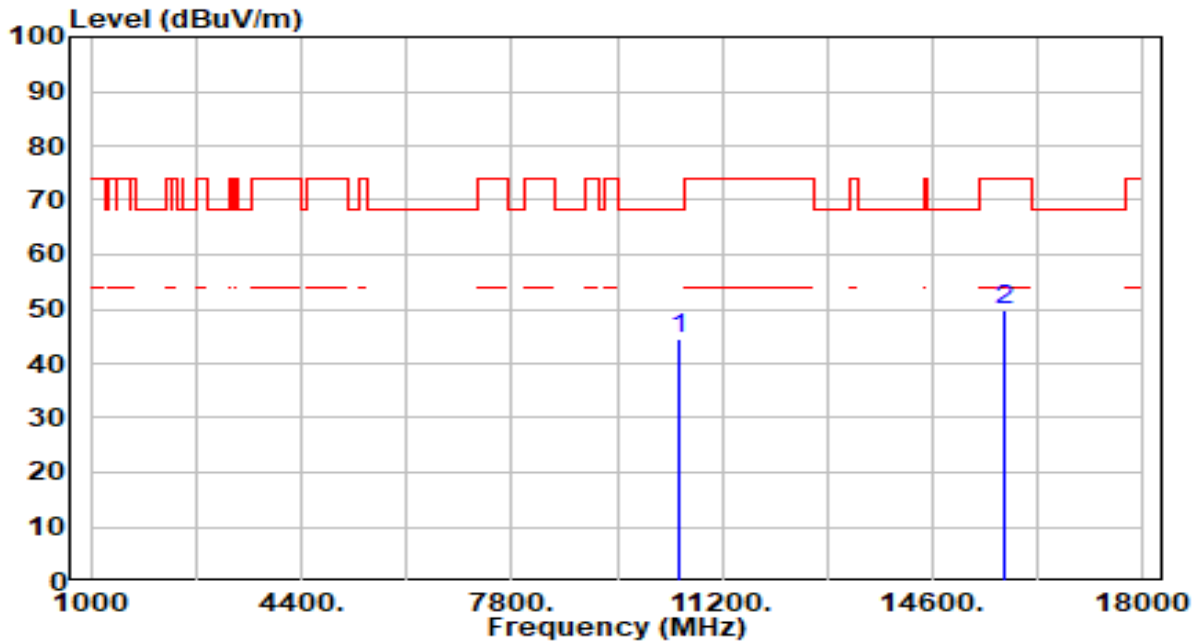


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10500.000	42.30	2.66	44.96	-23.24	68.20	100	283	Peak
2	15750.000	44.82	4.92	49.73	-24.27	74.00	100	129	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

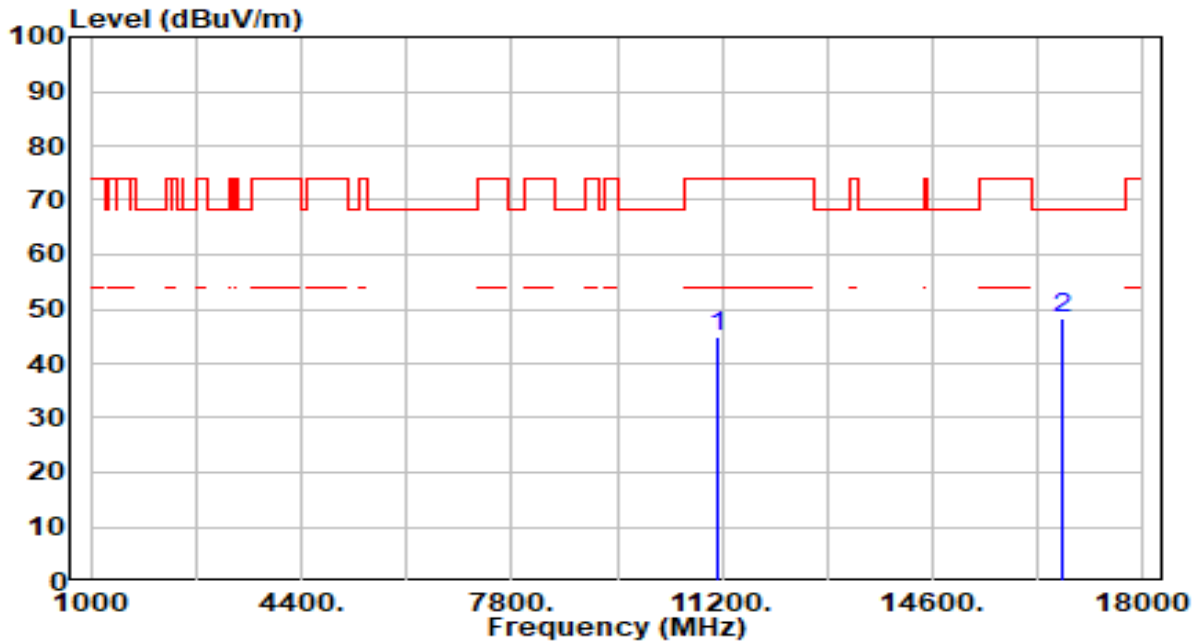


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10500.000	41.94	2.66	44.60	-23.60	68.20	100	349	Peak
2	15750.000	44.92	4.92	49.84	-24.16	74.00	100	88	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

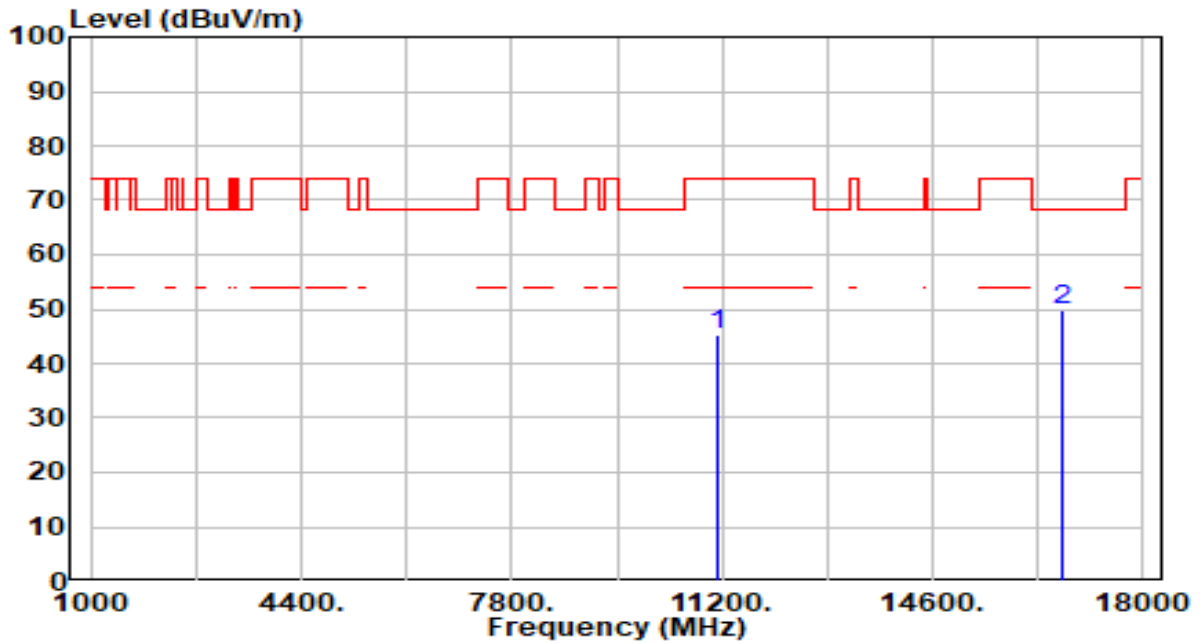


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11140.000	42.03	3.01	45.04	-28.96	74.00	100	101	Peak
2	* 16710.000	43.74	4.65	48.40	-19.80	68.20	100	160	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-12
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz



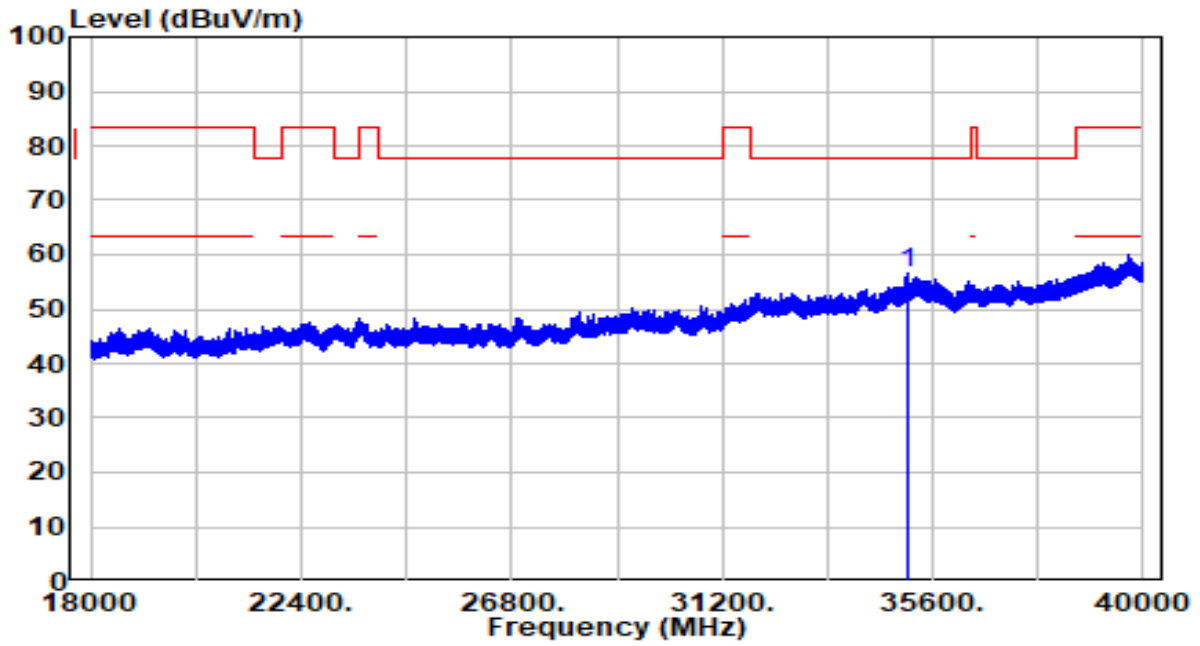
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11140.000	42.38	3.01	45.39	-28.61	74.00	100	156	Peak
2	* 16710.000	45.19	4.65	49.84	-18.36	68.20	100	216	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-10
Factor	BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

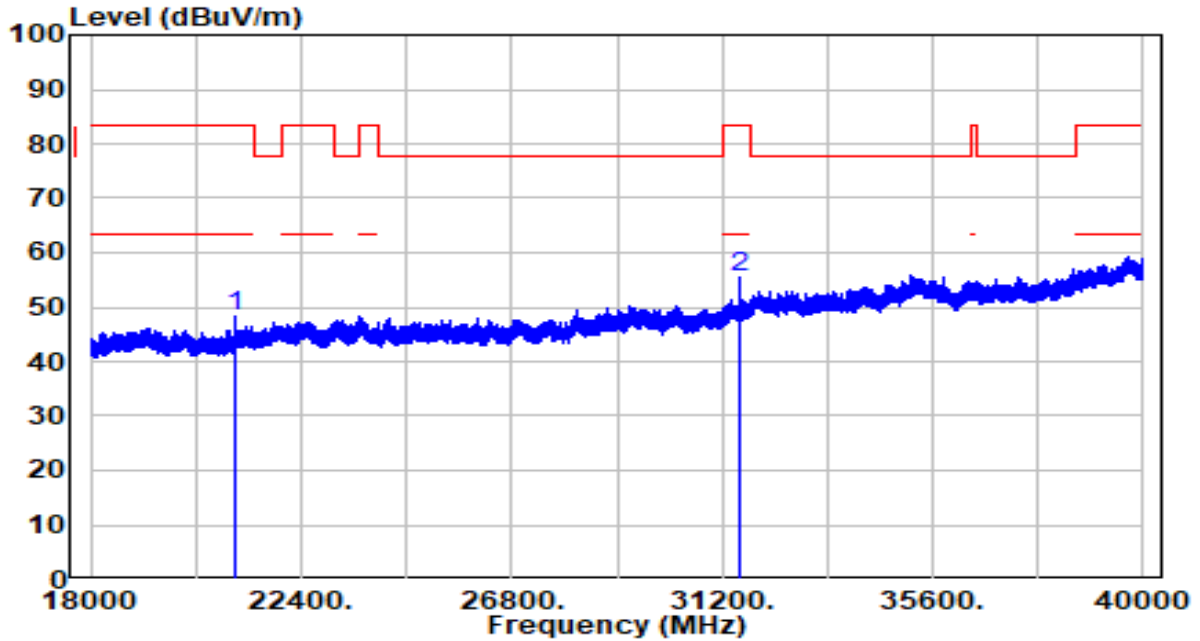


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	35099.500	33.39	23.12	56.50	-21.20	77.70	150	77	Peak

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 AX3000 Gigabit VPN Router	Date of Test	2023-07-10
Factor	BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	21044.940	37.55	10.93	48.48	-35.02	83.50	150	99	Peak
2	* 31567.130	37.55	18.01	55.55	-27.95	83.50	150	280	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.

## 7.9. Radiated Restricted Band Edge Measurement

### 7.9.1. 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
<sup>1</sup> 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	156.52475-156.525	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	( <sup>2</sup> )
13.36-13.41	--	--	--

#### **For 15.407(b) requirement:**

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge

increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission 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

**7.9.2. Test Procedure Used**

KDB 789033 D02v02r01- Section G

**7.9.3. Test Setting**

**Peak Measurements above 1GHz**

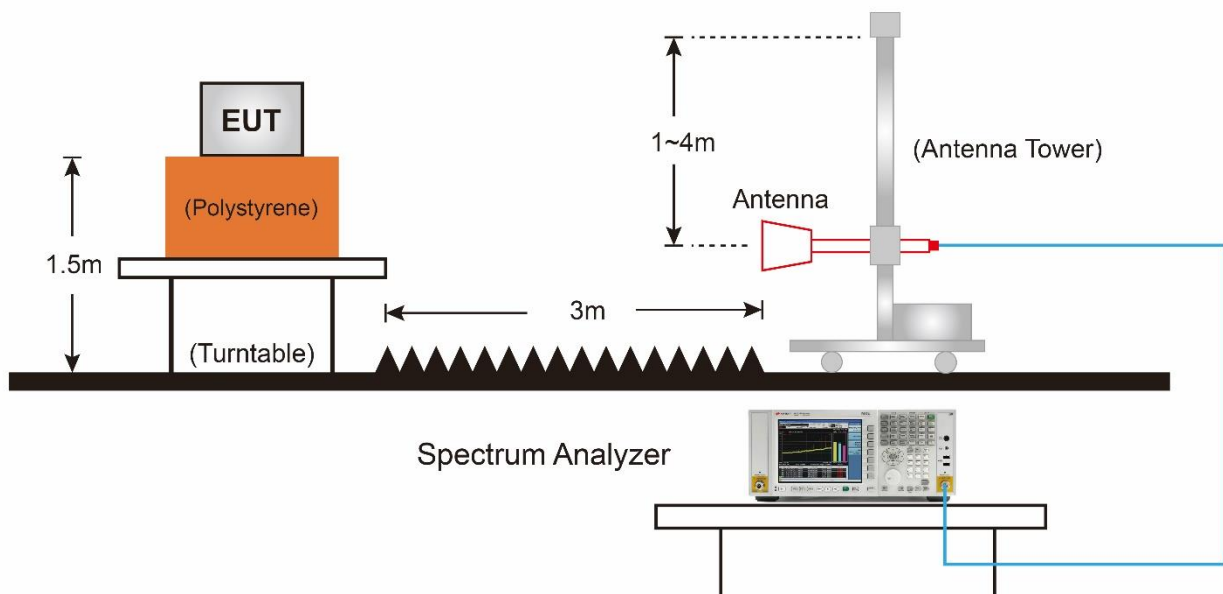
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

7. Trace was allowed to stabilize

### **Average Measurements above 1GHz (Method VB)**

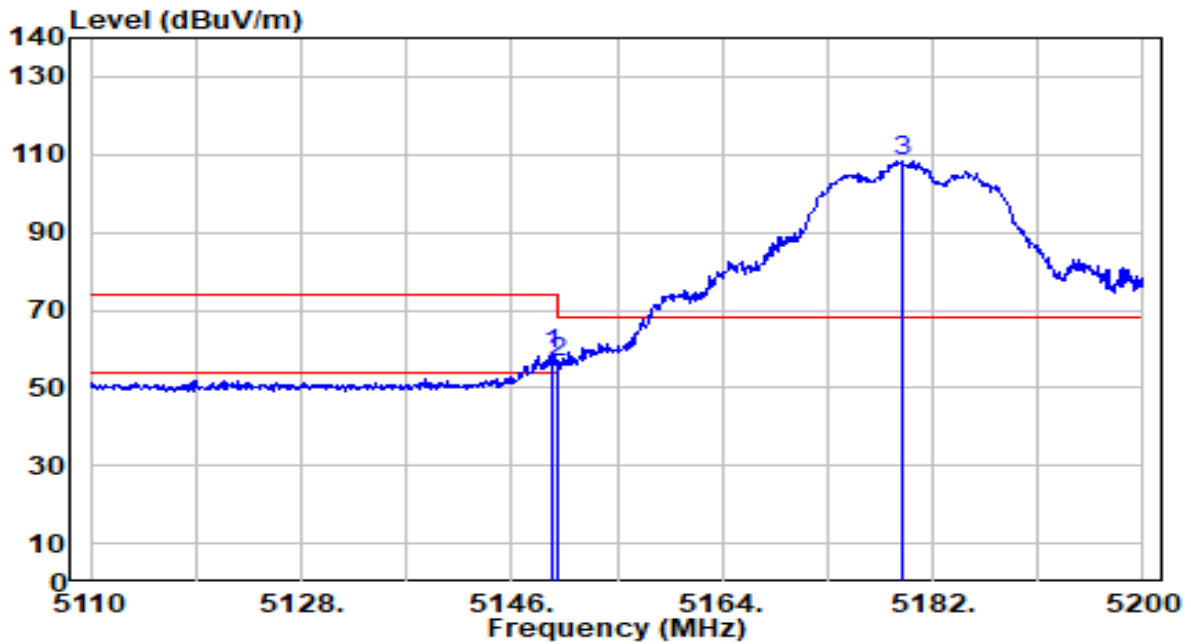
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set  $VBW \leq RBW/100$  (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is  $< 98\%$ , set  $VBW \geq 1/T$ .
4. Detector = Peak
5. Sweep time = auto
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of  $1/x$ , where  $x$  is the duty cycle.

#### **7.9.4. Test Setup**



### 7.9.5. Test Result

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

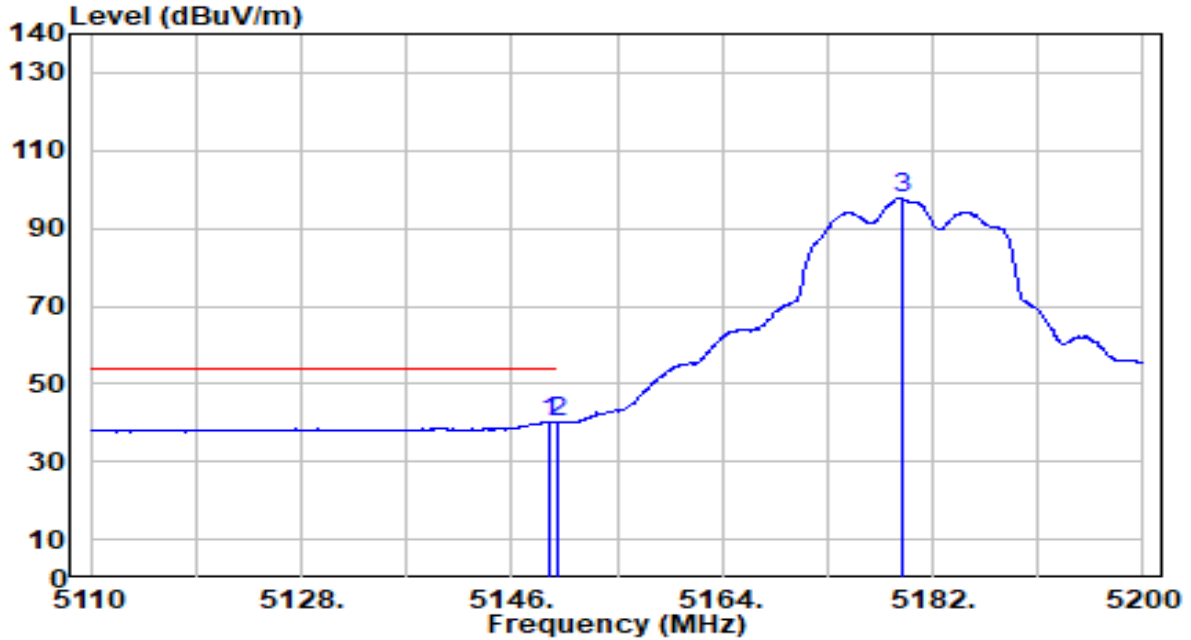


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5149.420	59.54	-0.72	58.82	-15.18	74.00	100	147	Peak
2		5150.000	57.26	-0.72	56.54	-17.46	74.00	100	147	Peak
3		5179.390	109.19	-0.73	108.46	N/A	N/A	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

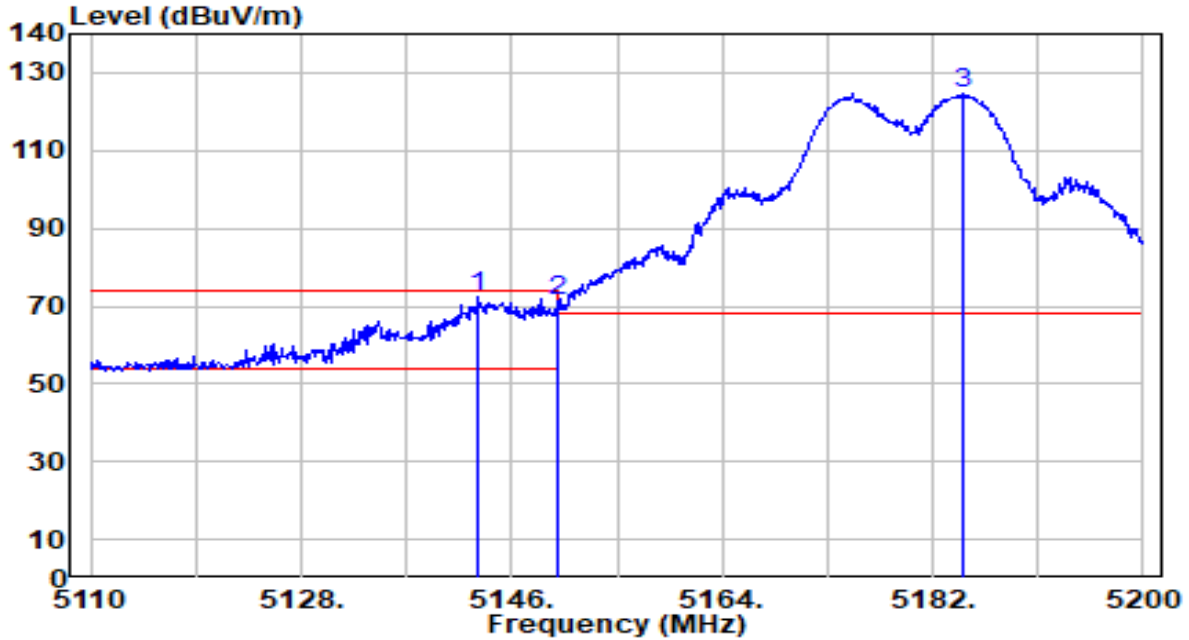


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5149.150	41.11	-0.72	40.39	-13.61	54.00	100	147	Average
2	5150.000	40.89	-0.72	40.17	-13.83	54.00	100	147	Average
3	5179.300	98.67	-0.73	97.94	N/A	N/A	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz



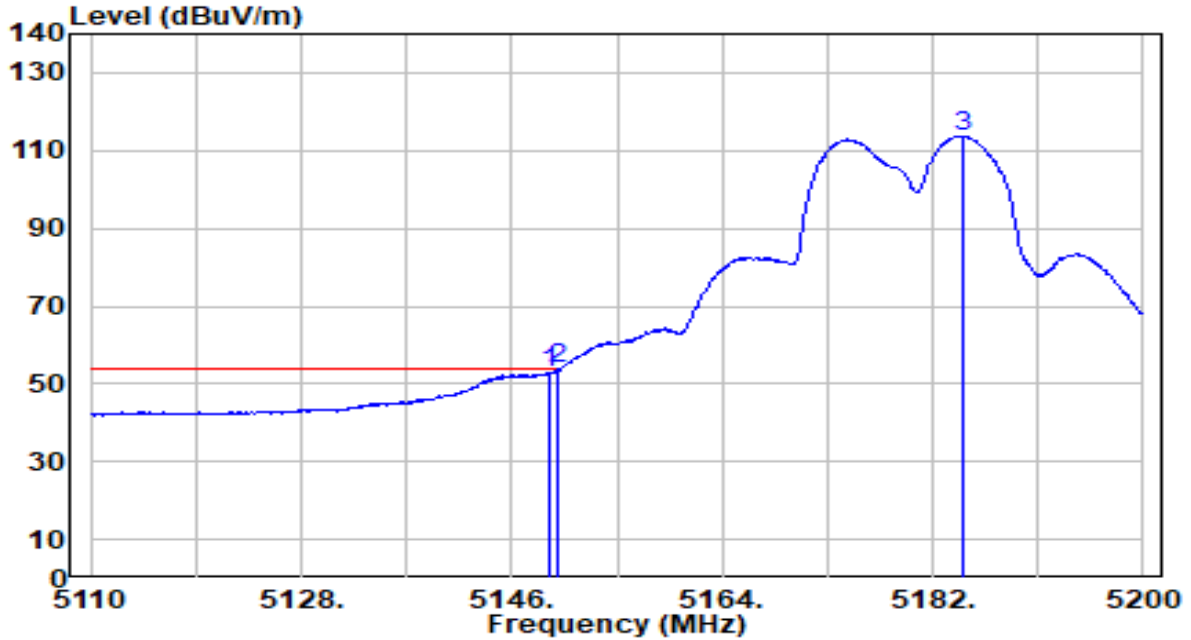
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5143.120	73.05	-0.71	72.33	-1.67	74.00	162	360	Peak
2	5150.000	72.02	-0.72	71.30	-2.70	74.00	162	360	Peak
3	5184.700	125.31	-0.74	124.57	N/A	N/A	162	360	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

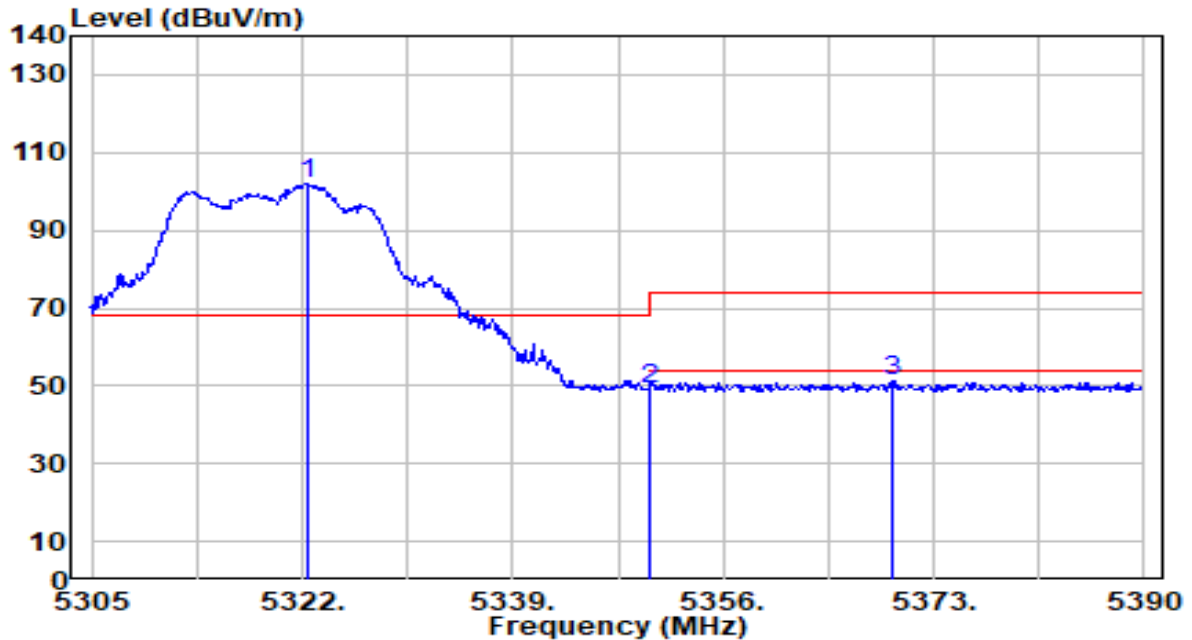


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.150	53.60	-0.72	52.88	-1.12	54.00	162	360	Average
2	* 5150.000	54.52	-0.72	53.81	-0.19	54.00	162	360	Average
3	5184.610	114.36	-0.74	113.63	N/A	N/A	162	360	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

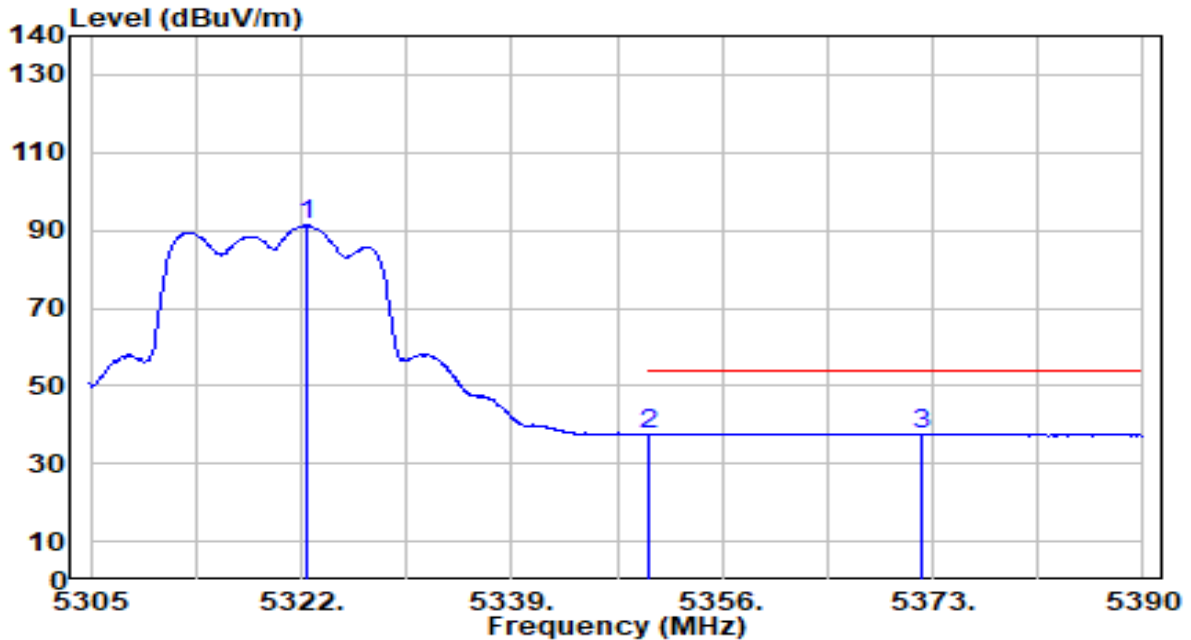


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5322.400	103.15	-0.93	102.22	N/A	N/A	100	147	Peak
2	5350.000	50.11	-0.97	49.14	-24.86	74.00	100	147	Peak
3	* 5369.600	52.49	-1.00	51.49	-22.51	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

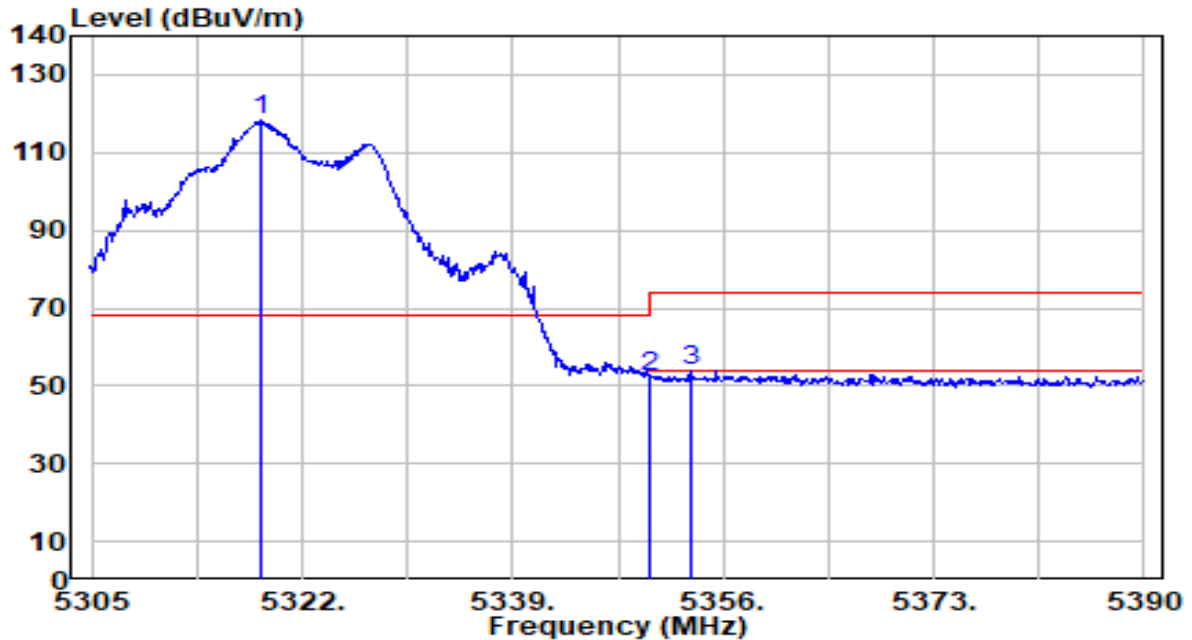


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5322.400	92.18	-0.93	91.25	N/A	N/A	100	147	Average
2	5350.000	38.43	-0.97	37.45	-16.55	54.00	100	147	Average
3	* 5372.100	38.74	-1.01	37.73	-16.27	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

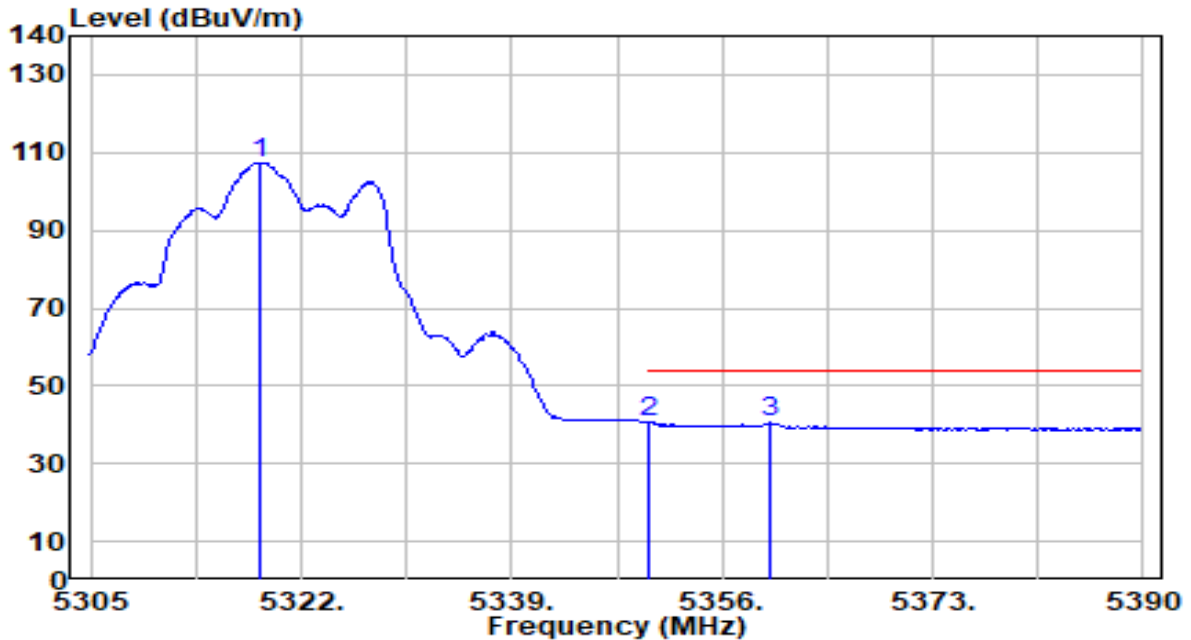


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.600	119.29	-0.92	118.36	N/A	N/A	167	77	Peak
2	5350.000	53.33	-0.97	52.36	-21.64	74.00	167	77	Peak
3	* 5353.300	54.97	-0.98	53.99	-20.01	74.00	167	77	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

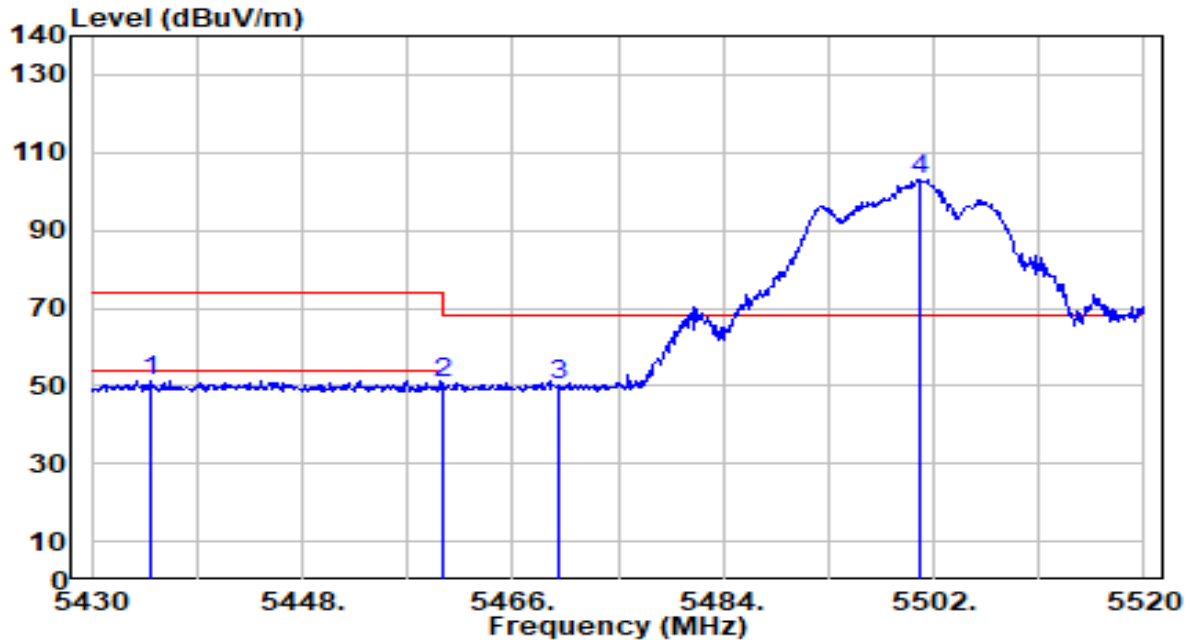


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.700	108.40	-0.92	107.47	N/A	N/A	167	77	Average
2	* 5350.000	41.50	-0.97	40.52	-13.48	54.00	167	77	Average
3	5359.900	41.44	-0.99	40.45	-13.55	54.00	167	77	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

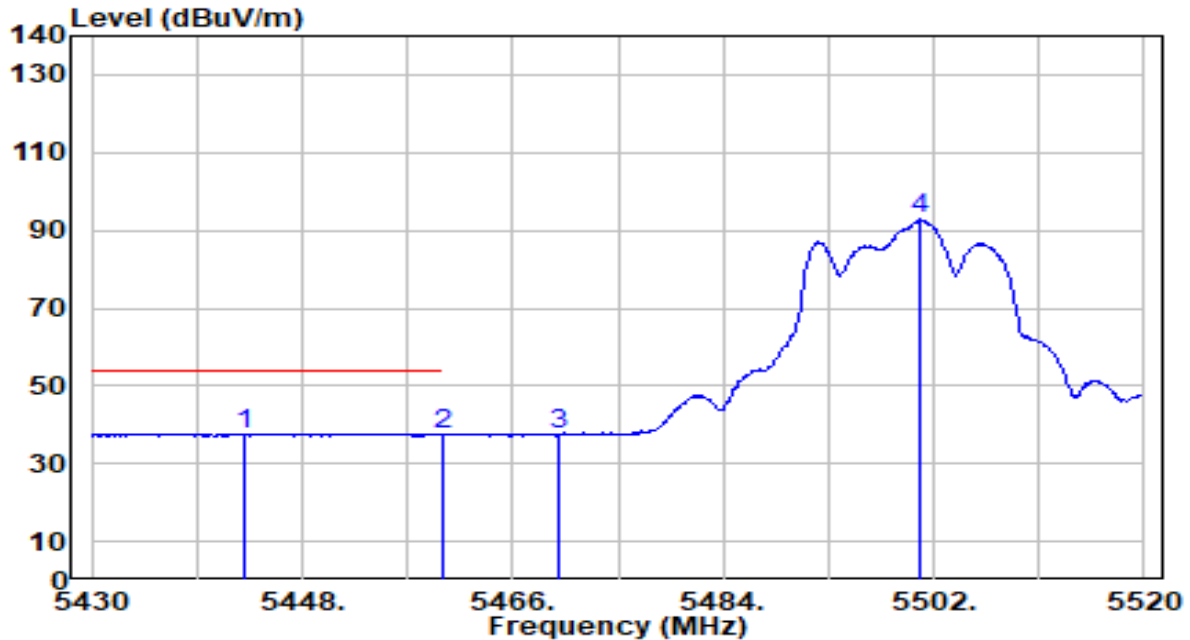


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5434.950	52.44	-0.94	51.50	-22.50	74.00	100	212	Peak
2	5460.000	51.58	-0.87	50.71	-23.29	74.00	100	212	Peak
3	* 5470.000	51.10	-0.84	50.26	-17.94	68.20	100	212	Peak
4	5500.740	103.69	-0.75	102.94	N/A	N/A	100	212	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

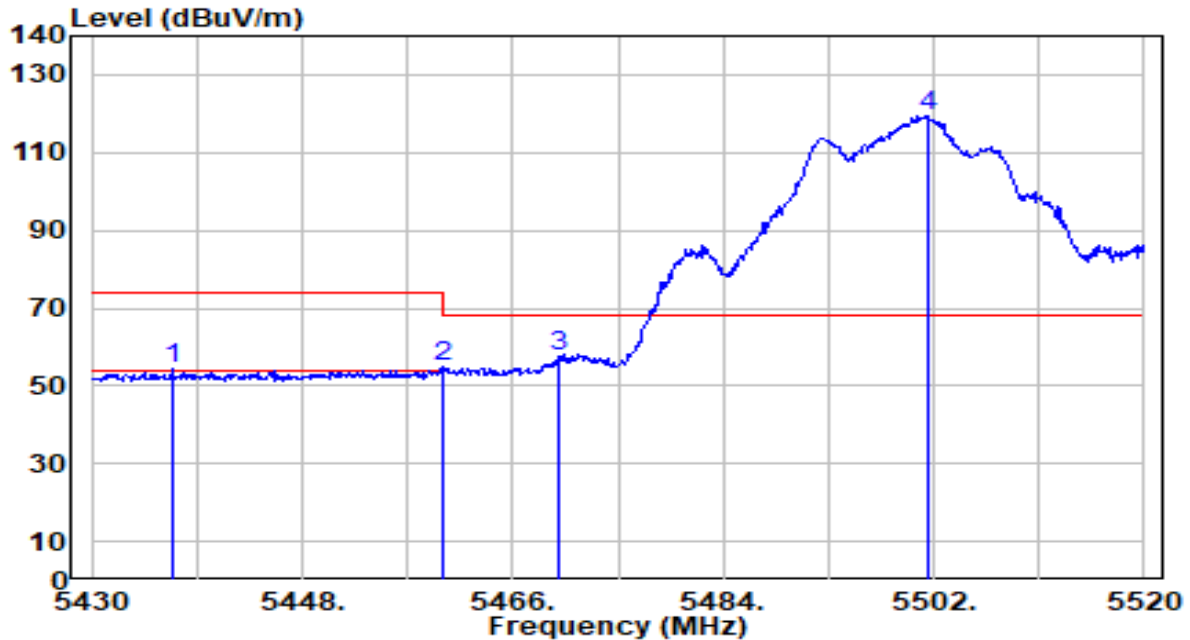


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5443.140	38.56	-0.92	37.64	-16.36	54.00	100	212	Average
2	5460.000	38.18	-0.87	37.31	-16.69	54.00	100	212	Average
3	5470.000	38.41	-0.84	37.58	N/A	N/A	100	212	Average
4	5500.920	93.50	-0.75	92.75	N/A	N/A	100	212	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz



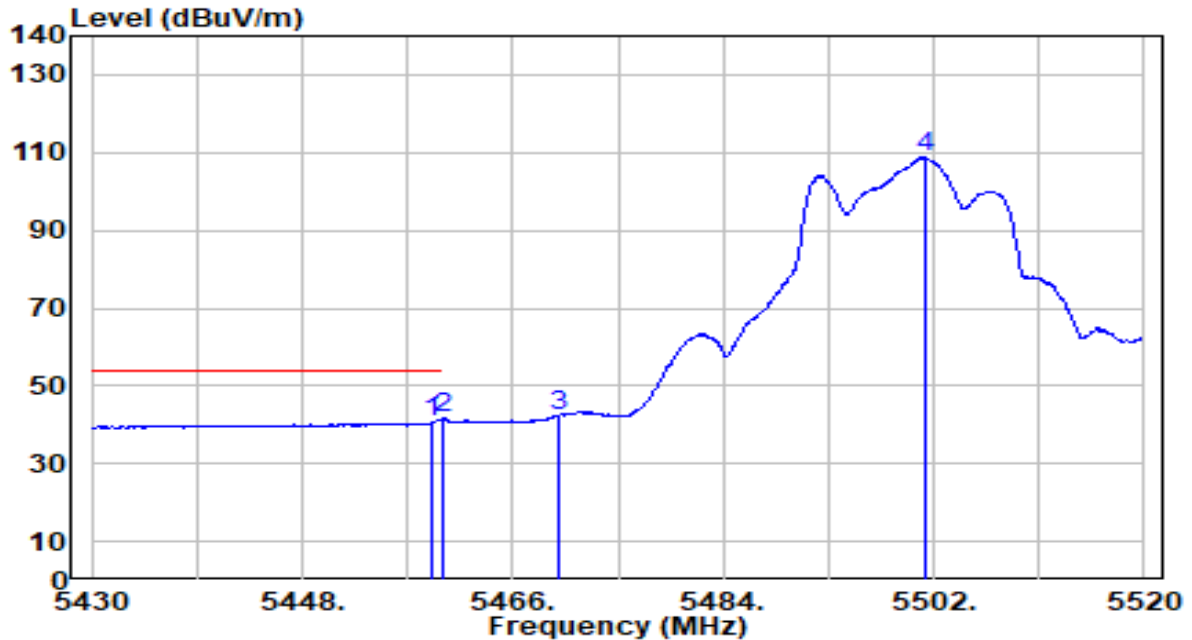
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5436.930	55.14	-0.94	54.21	-19.79	74.00	200	32	Peak
2	5460.000	55.97	-0.87	55.11	-18.89	74.00	200	32	Peak
3	* 5470.000	58.22	-0.84	57.38	-10.82	68.20	200	32	Peak
4	5501.460	120.30	-0.75	119.55	N/A	N/A	200	32	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

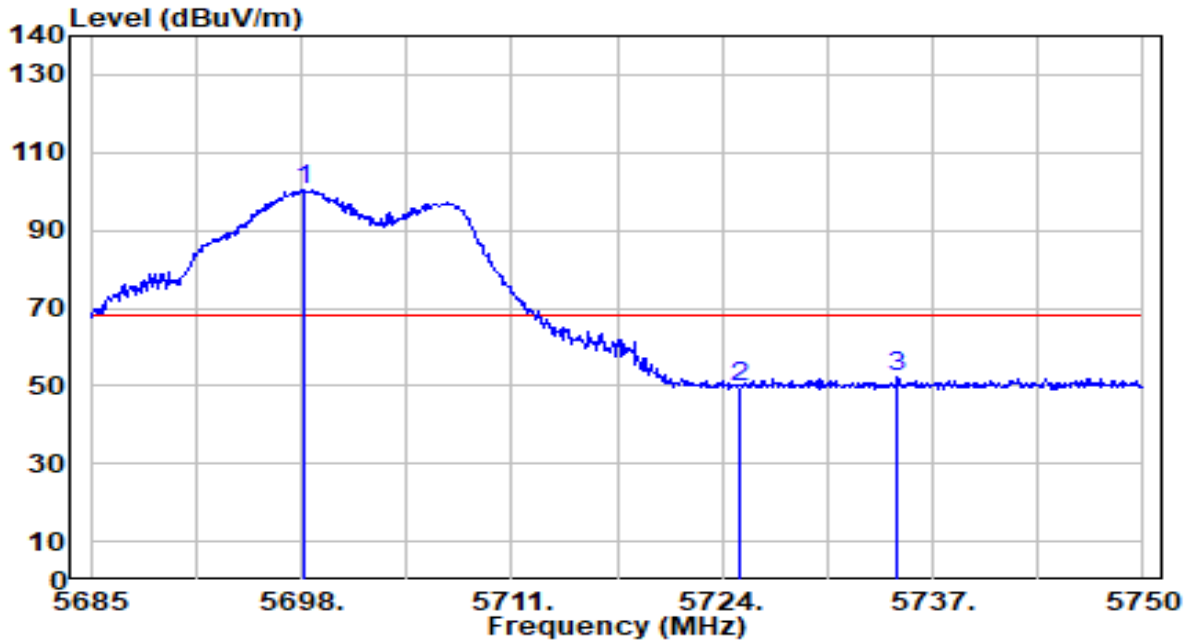


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.980	41.41	-0.87	40.54	-13.46	54.00	200	32	Average
2	* 5460.000	42.35	-0.87	41.48	-12.52	54.00	200	32	Average
3	5470.000	43.09	-0.84	42.25	N/A	N/A	200	32	Average
4	5501.280	109.59	-0.75	108.84	N/A	N/A	200	32	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

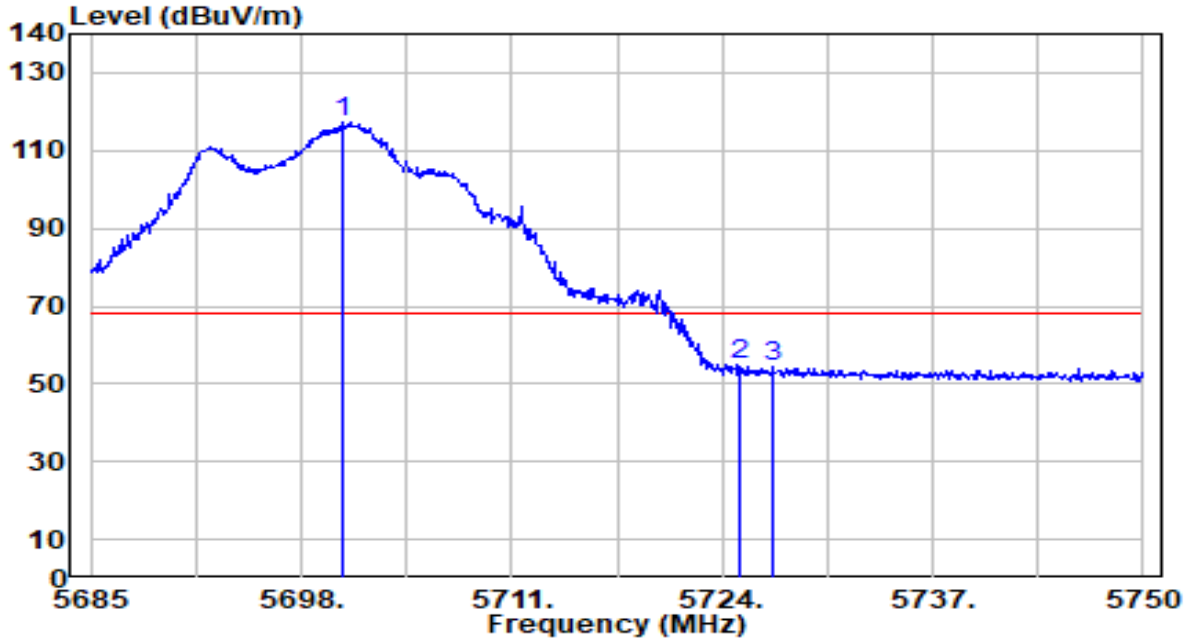


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5698.130	100.44	0.09	100.53	N/A	N/A	108	328	Peak
2	5725.000	49.60	0.23	49.82	-18.38	68.20	108	328	Peak
3	* 5734.790	51.87	0.28	52.15	-16.05	68.20	108	328	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

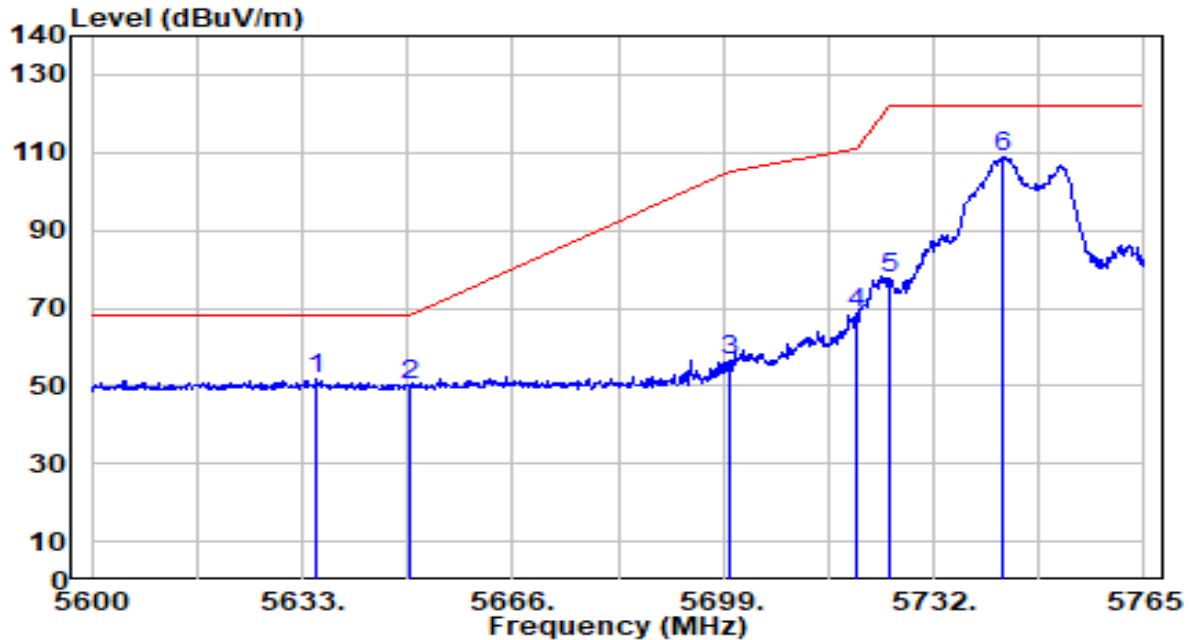


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5700.600	117.20	0.10	117.30	N/A	N/A	200	16	Peak
2	* 5725.000	54.68	0.23	54.91	-13.29	68.20	200	16	Peak
3	5727.120	54.07	0.24	54.31	-13.89	68.20	200	16	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

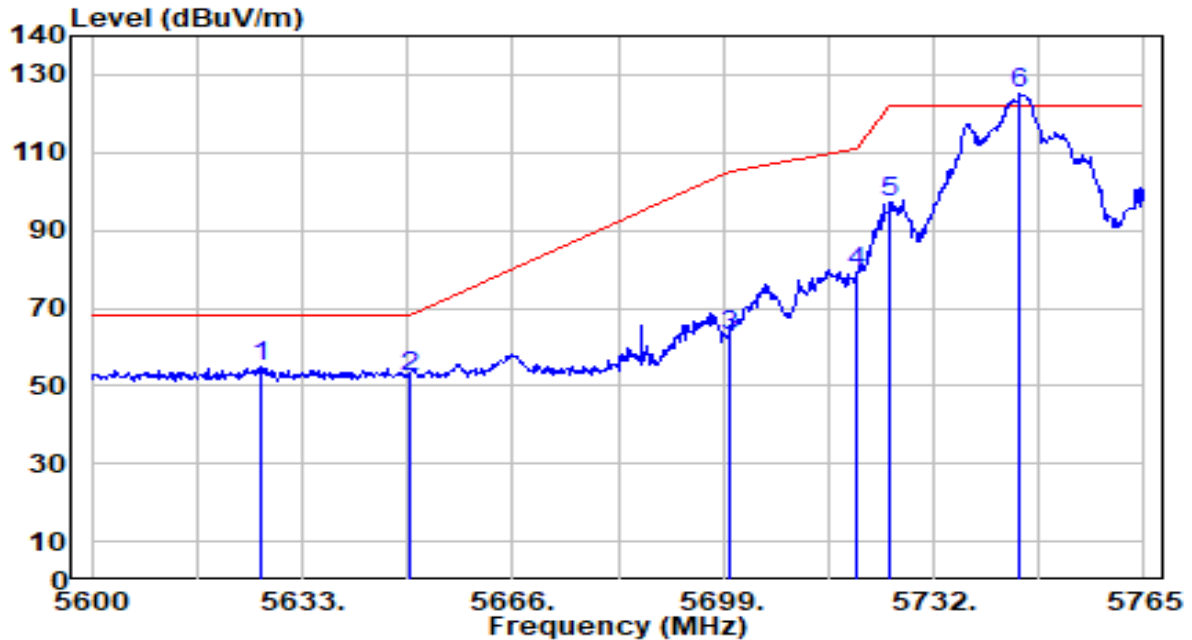


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5635.145	52.00	-0.24	51.76	-16.44	68.20	100	327	Peak
2	5650.000	50.35	-0.16	50.18	-18.02	68.20	100	327	Peak
3	5700.000	56.18	0.10	56.28	-48.92	105.20	100	327	Peak
4	5720.000	68.67	0.20	68.87	-41.93	110.80	100	327	Peak
5	5725.000	77.34	0.23	77.57	-44.63	122.20	100	327	Peak
6	5742.725	108.40	0.32	108.72	N/A	N/A	100	327	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

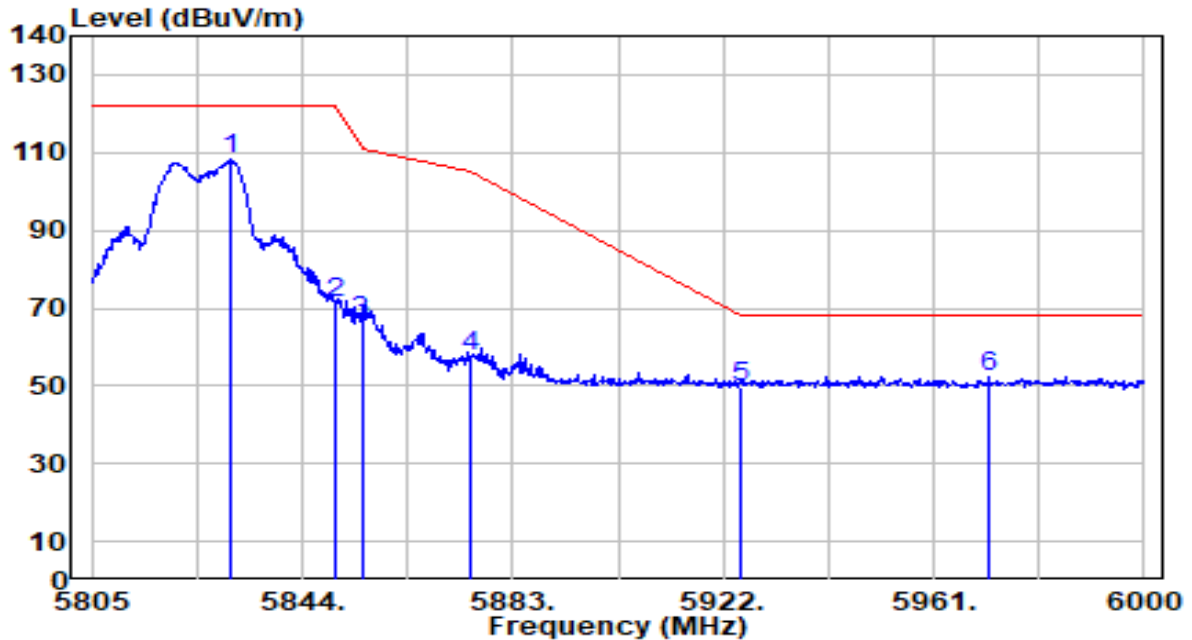


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5626.400	55.04	-0.29	54.75	-13.45	68.20	200	14	Peak
2	5650.000	52.67	-0.16	52.51	-15.69	68.20	200	14	Peak
3	5700.000	62.80	0.10	62.90	-42.30	105.20	200	14	Peak
4	5720.000	79.26	0.20	79.46	-31.34	110.80	200	14	Peak
5	5725.000	96.77	0.23	97.00	-25.20	122.20	200	14	Peak
6	5745.530	124.81	0.34	125.15	N/A	N/A	200	14	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

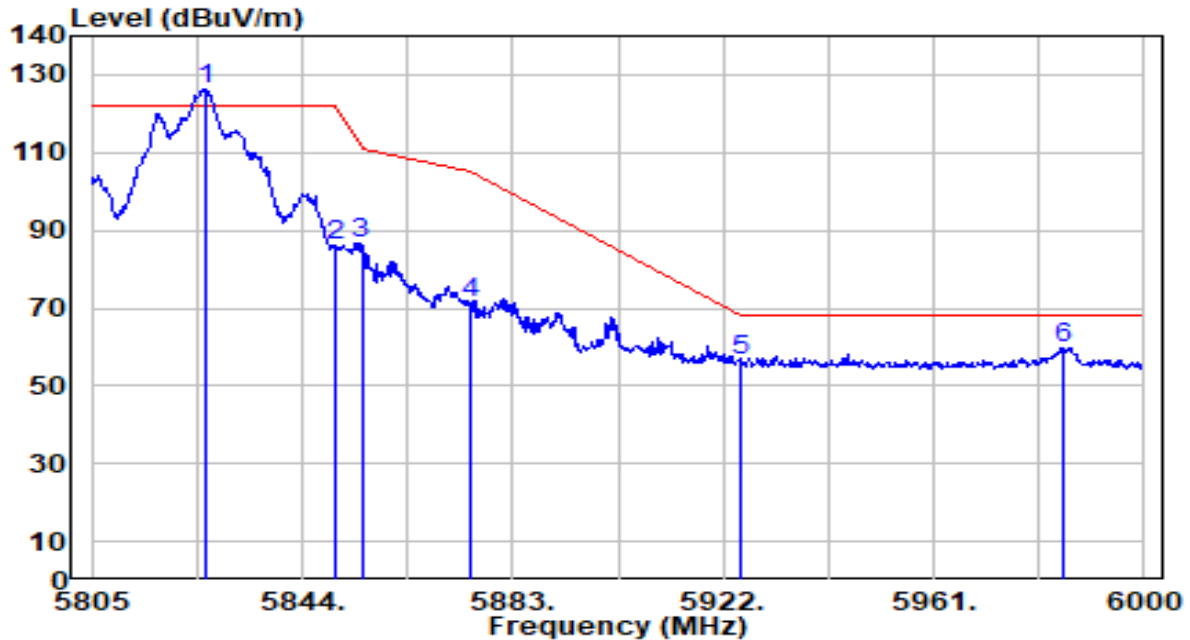


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5830.935	107.56	0.60	108.16	N/A	N/A	100	322	Peak
2	5850.000	70.52	0.58	71.10	-51.10	122.20	100	322	Peak
3	5855.000	65.98	0.58	66.56	-44.24	110.80	100	322	Peak
4	5875.000	57.11	0.57	57.68	-47.52	105.20	100	322	Peak
5	5925.000	49.39	0.53	49.92	-18.28	68.20	100	322	Peak
6	* 5971.335	51.88	0.49	52.37	-15.83	68.20	100	322	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

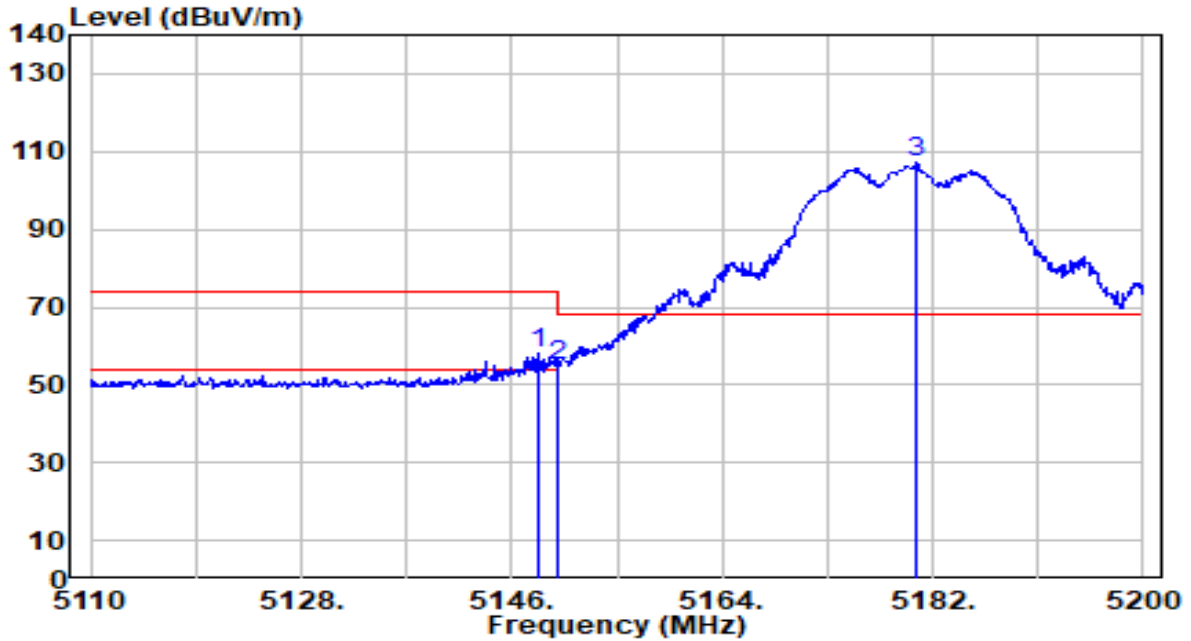


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5826.060	125.58	0.60	126.18	N/A	N/A	200	15	Peak
2	5850.000	85.78	0.58	86.36	-35.84	122.20	200	15	Peak
3	5855.000	85.98	0.58	86.56	-24.24	110.80	200	15	Peak
4	5875.000	70.92	0.57	71.49	-33.71	105.20	200	15	Peak
5	5925.000	56.14	0.53	56.67	-11.53	68.20	200	15	Peak
6	* 5984.985	59.21	0.48	59.69	-8.51	68.20	200	15	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz



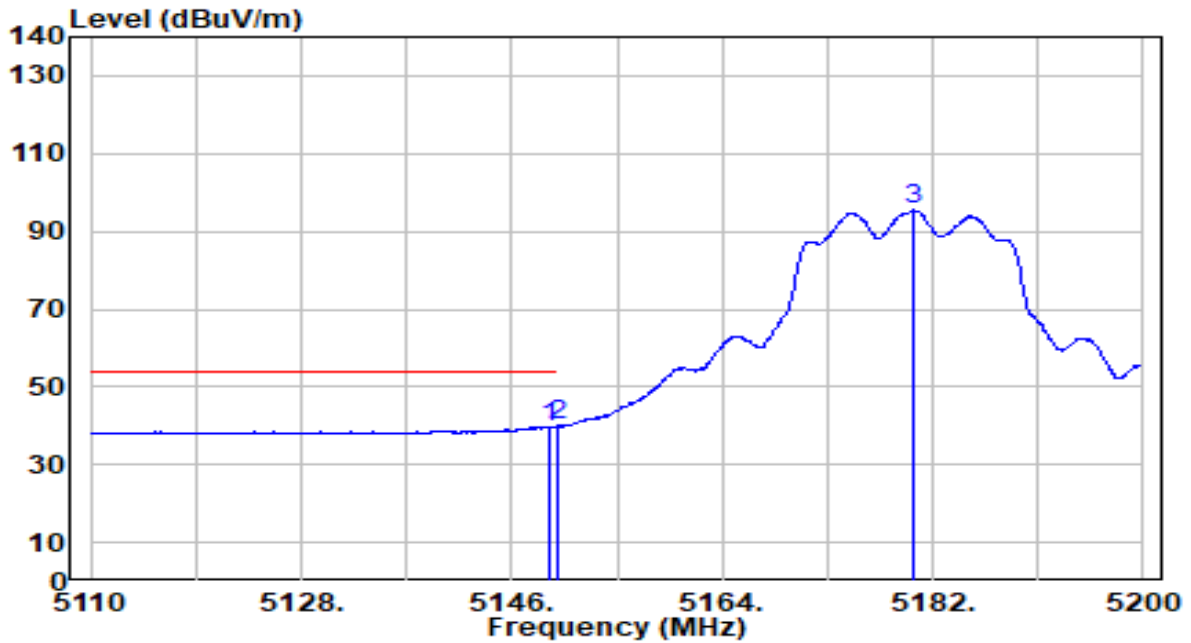
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5148.250	58.58	-0.72	57.87	-16.13	74.00	108	147	Peak
2		5150.000	55.62	-0.72	54.90	-19.10	74.00	108	147	Peak
3		5180.650	107.78	-0.73	107.04	N/A	N/A	108	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

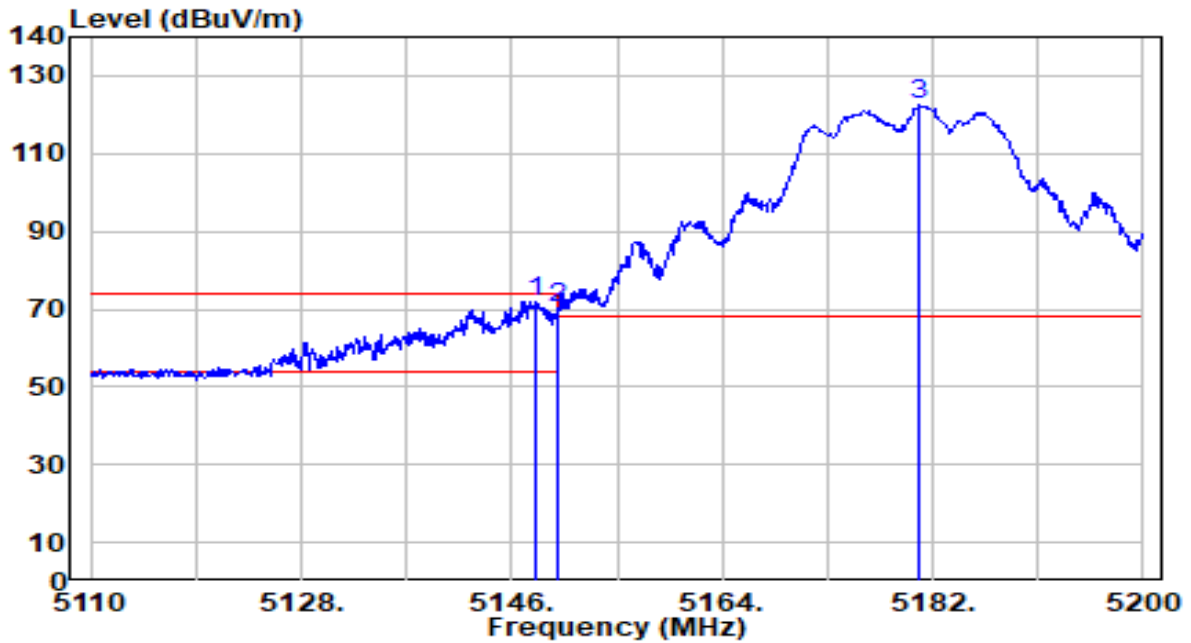


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.240	40.55	-0.72	39.84	-14.16	54.00	108	147	Average
2	* 5150.000	40.68	-0.72	39.96	-14.04	54.00	108	147	Average
3	5180.380	96.10	-0.73	95.36	N/A	N/A	108	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

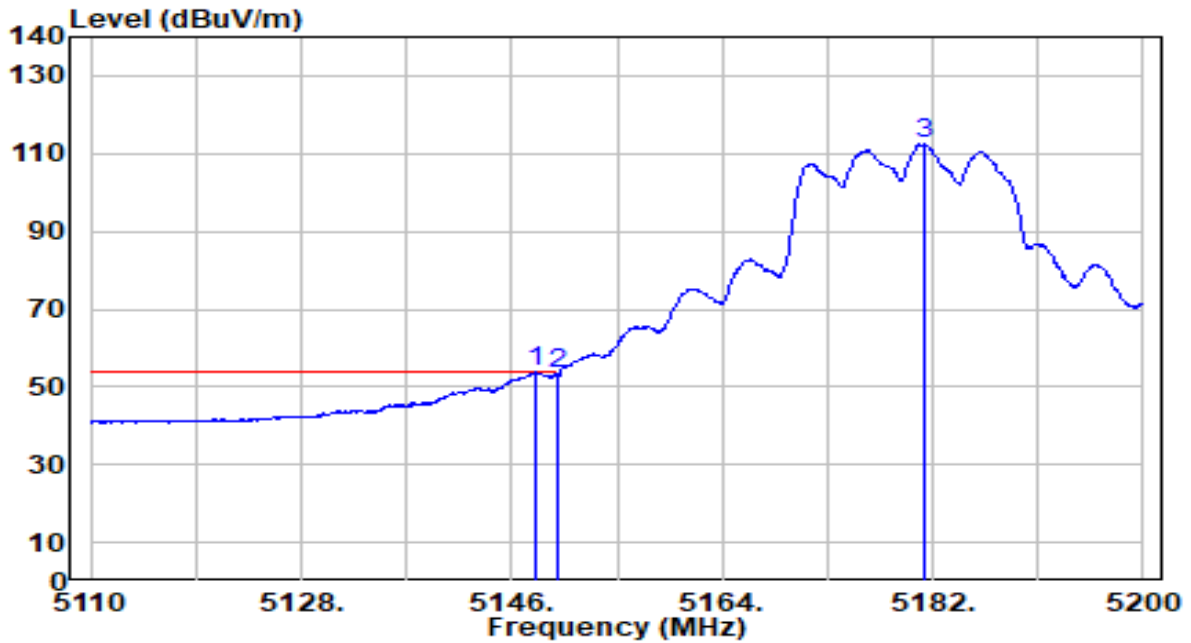


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5148.070	72.40	-0.72	71.68	-2.32	74.00	200	42	Peak
2		5150.000	70.82	-0.72	70.10	-3.90	74.00	200	42	Peak
3		5180.830	123.15	-0.73	122.42	N/A	N/A	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

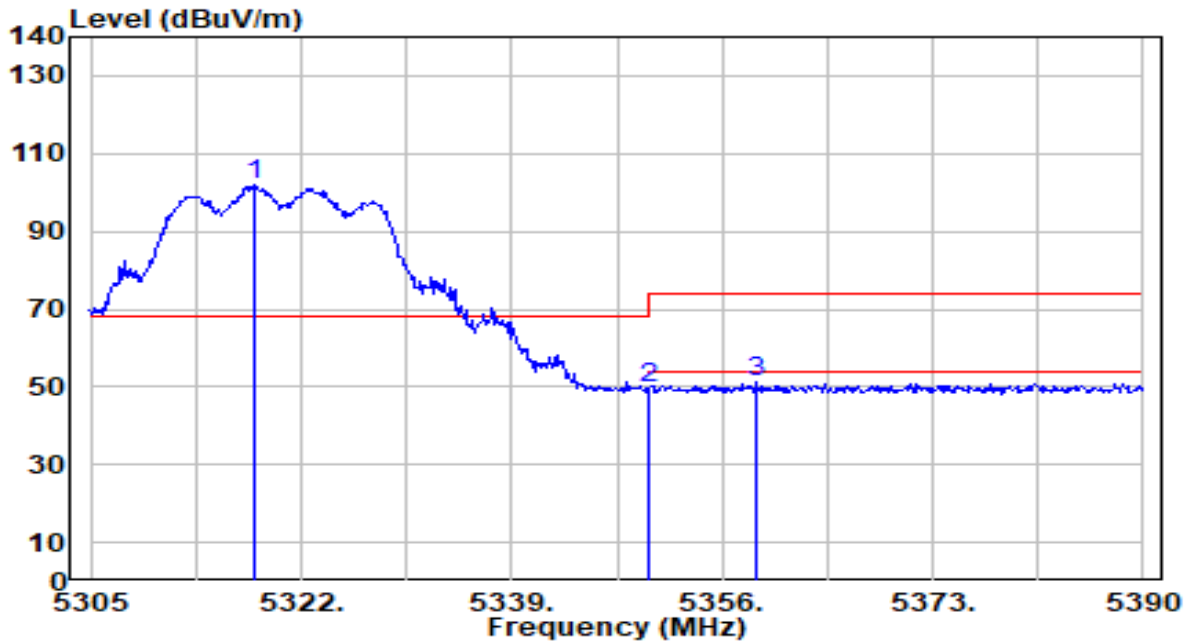


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	54.53	-0.72	53.81	-0.19	54.00	200	42	Average
2		53.92	-0.72	53.20	-0.80	54.00	200	42	Average
3		113.06	-0.73	112.32	N/A	N/A	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

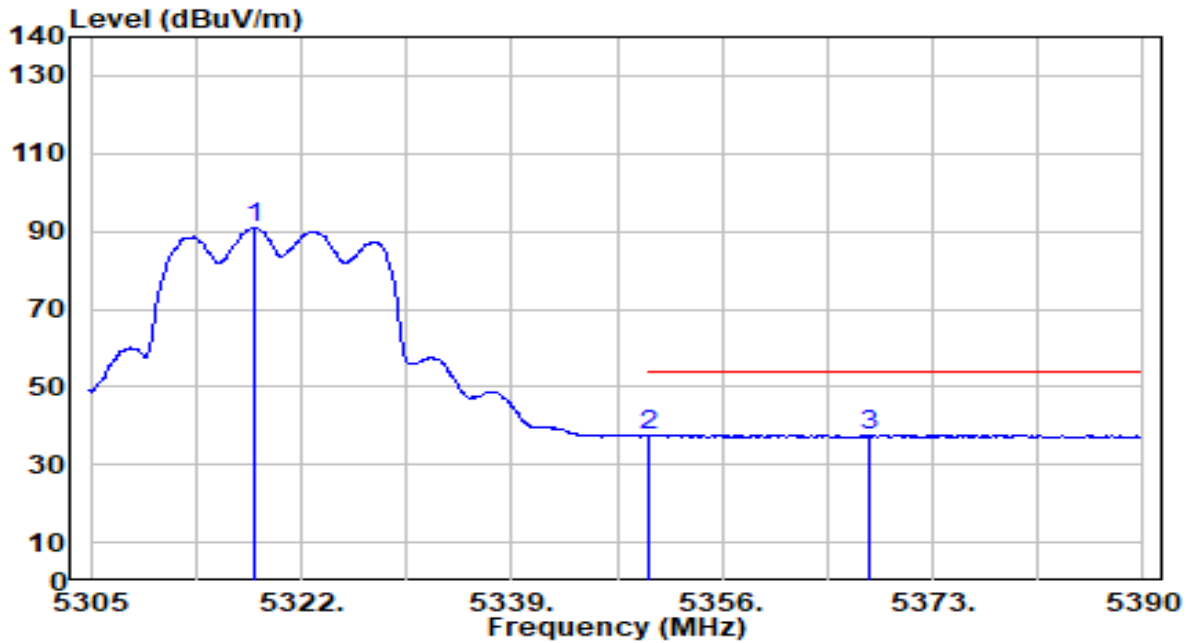


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.300	102.64	-0.92	101.71	N/A	N/A	100	147	Peak
2	5350.000	50.87	-0.97	49.89	-24.11	74.00	100	147	Peak
3	* 5358.700	52.34	-0.99	51.35	-22.65	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

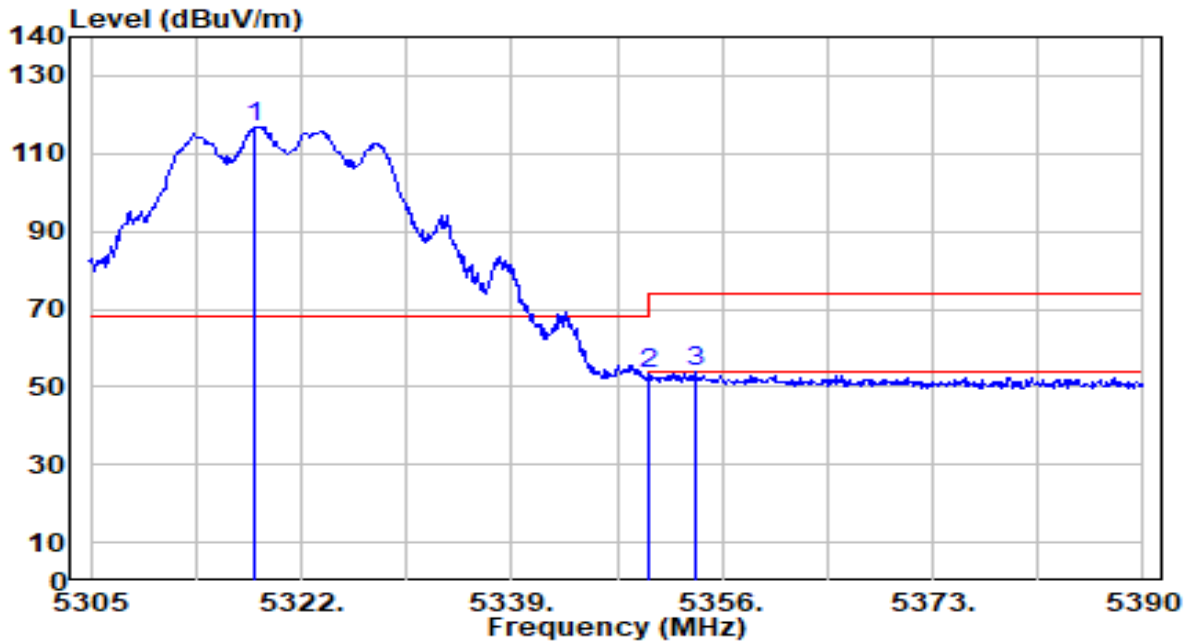


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.300	91.98	-0.92	91.06	N/A	N/A	100	147	Average
2	5350.000	38.35	-0.97	37.38	-16.62	54.00	100	147	Average
3	* 5367.900	38.56	-1.00	37.56	-16.44	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

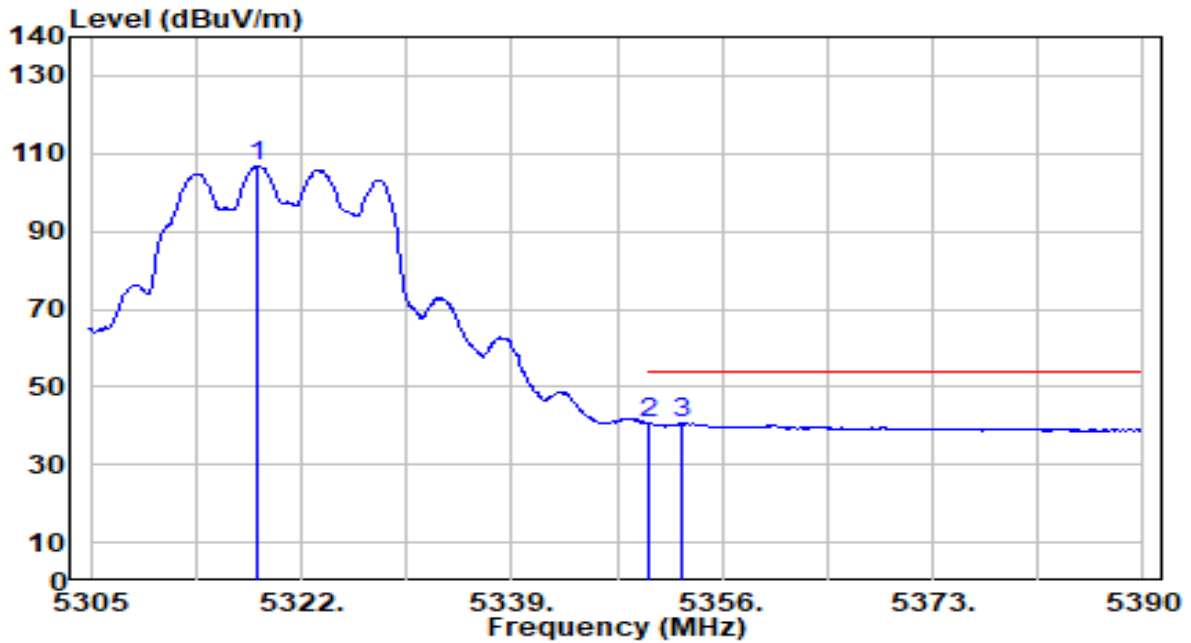


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.200	117.90	-0.92	116.97	N/A	N/A	200	42	Peak
2	5350.000	54.07	-0.97	53.10	-20.90	74.00	200	42	Peak
3	* 5353.800	54.86	-0.98	53.88	-20.12	74.00	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

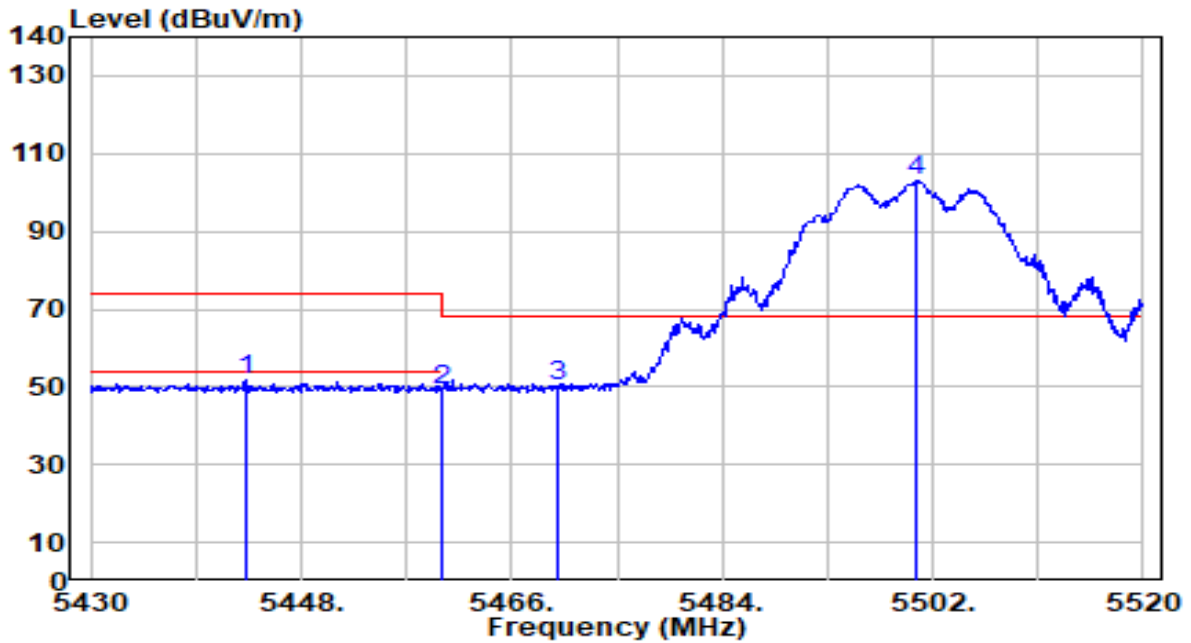


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.400	107.64	-0.92	106.71	N/A	N/A	200	42	Average
2	5350.000	41.39	-0.97	40.42	-13.58	54.00	200	42	Average
3	* 5352.800	41.72	-0.98	40.75	-13.25	54.00	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz



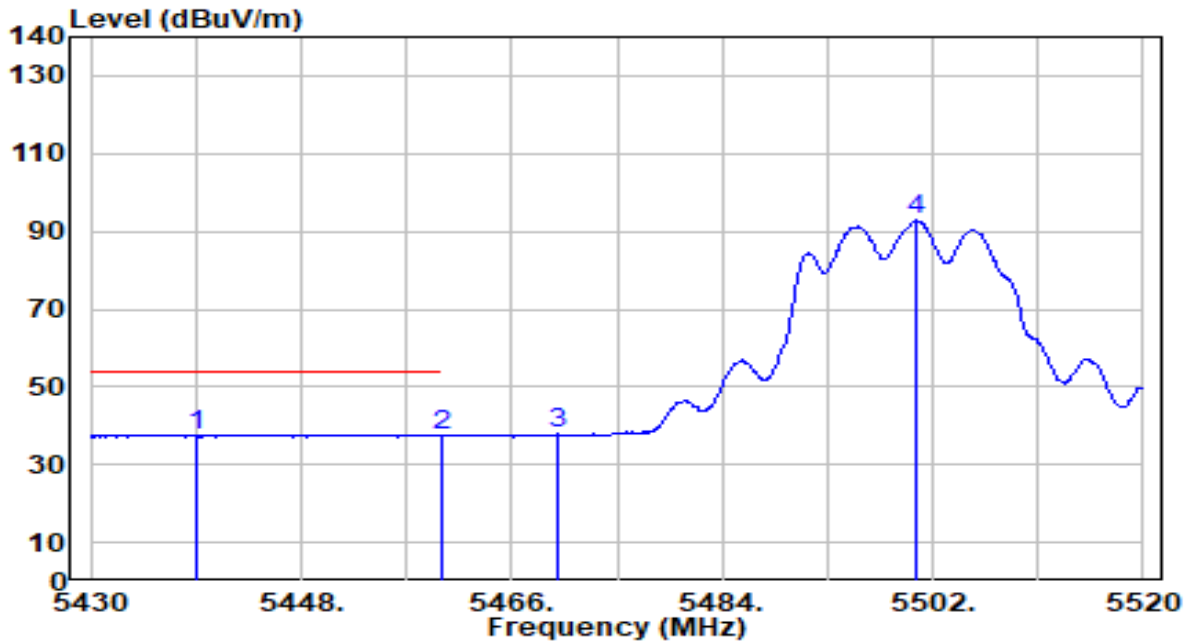
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5443.230	52.75	-0.92	51.83	-22.17	74.00	115	212	Peak
2	5460.000	50.06	-0.87	49.19	-24.81	74.00	115	212	Peak
3	* 5470.000	51.24	-0.84	50.40	-17.80	68.20	115	212	Peak
4	5500.560	104.01	-0.75	103.26	N/A	N/A	115	212	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

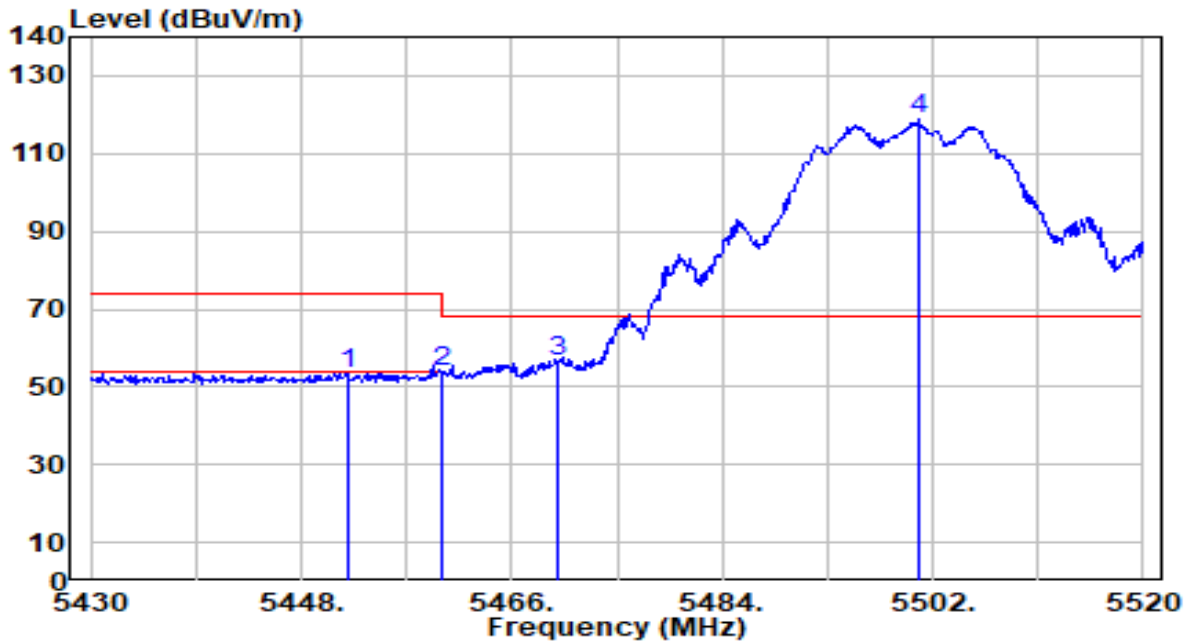


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5439.000	38.66	-0.93	37.73	-16.27	54.00	115	212	Average
2		5460.000	38.28	-0.87	37.41	-16.59	54.00	115	212	Average
3		5470.000	38.62	-0.84	37.78	N/A	N/A	115	212	Average
4		5500.650	93.61	-0.75	92.86	N/A	N/A	115	212	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

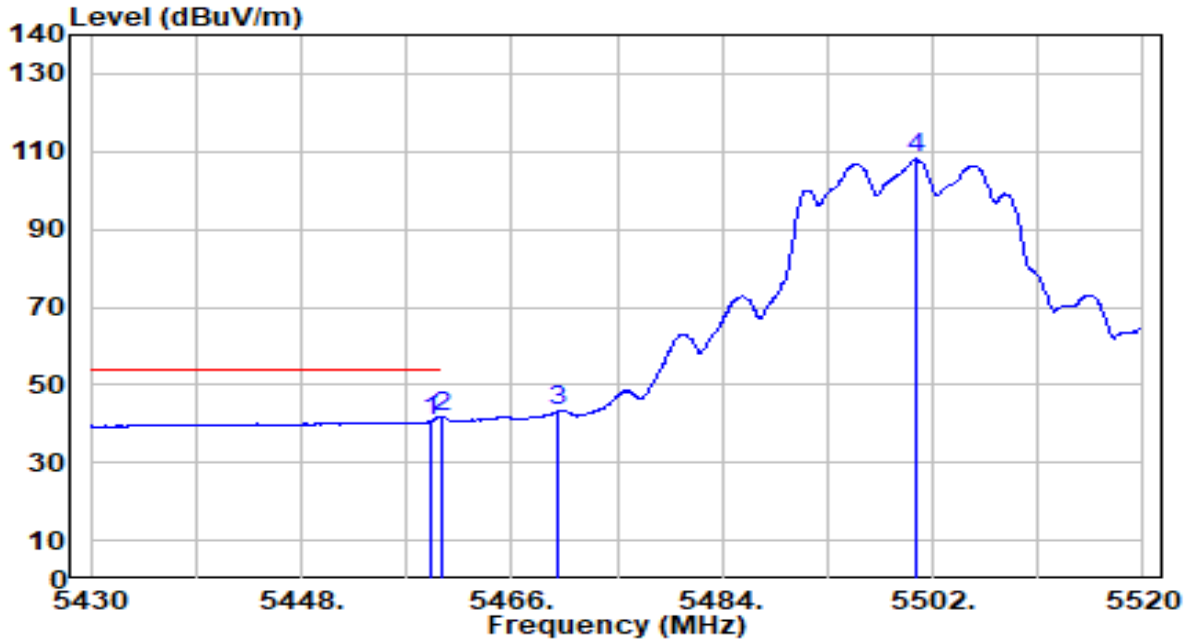


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5451.960	54.36	-0.89	53.47	-20.53	74.00	200	32	Peak
2	5460.000	54.55	-0.87	53.68	-20.32	74.00	200	32	Peak
3	* 5470.000	57.40	-0.84	56.56	-11.64	68.20	200	32	Peak
4	5500.830	119.39	-0.75	118.64	N/A	N/A	200	32	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

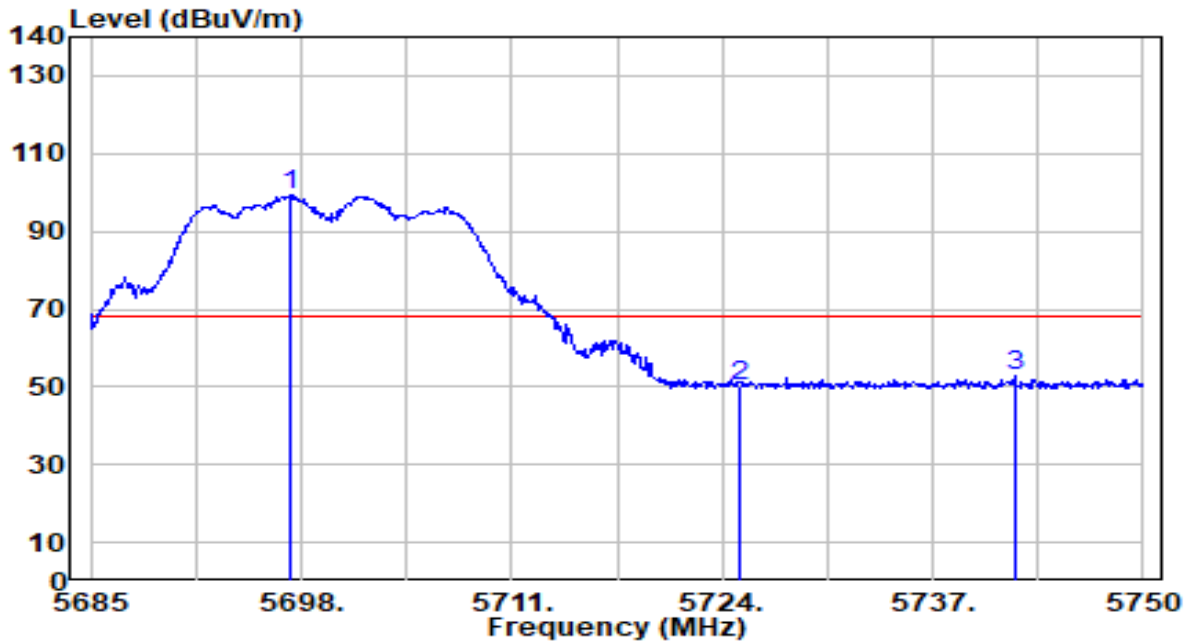


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.980	41.42	-0.87	40.55	-13.45	54.00	200	32	Average
2	* 5460.000	42.60	-0.87	41.73	-12.27	54.00	200	32	Average
3	5470.000	43.96	-0.84	43.12	N/A	N/A	200	32	Average
4	5500.560	108.82	-0.75	108.07	N/A	N/A	200	32	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

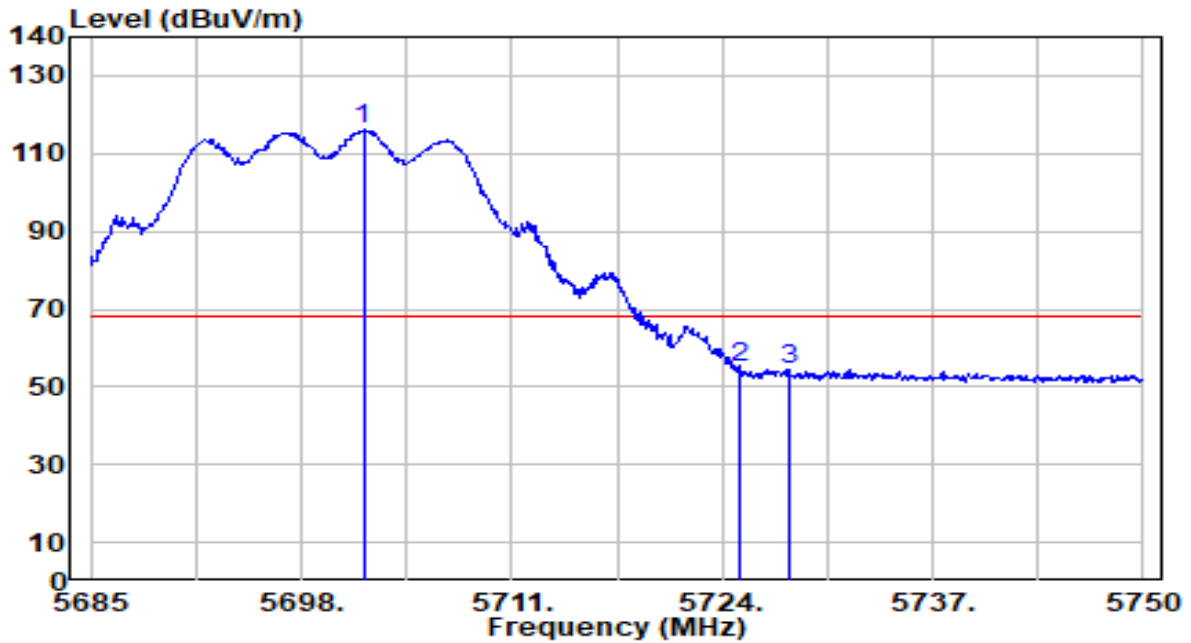


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5697.285	99.12	0.08	99.20	N/A	N/A	110	196	Peak
2	5725.000	49.97	0.23	50.20	-18.00	68.20	110	196	Peak
3	* 5742.070	52.31	0.32	52.63	-15.57	68.20	110	196	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

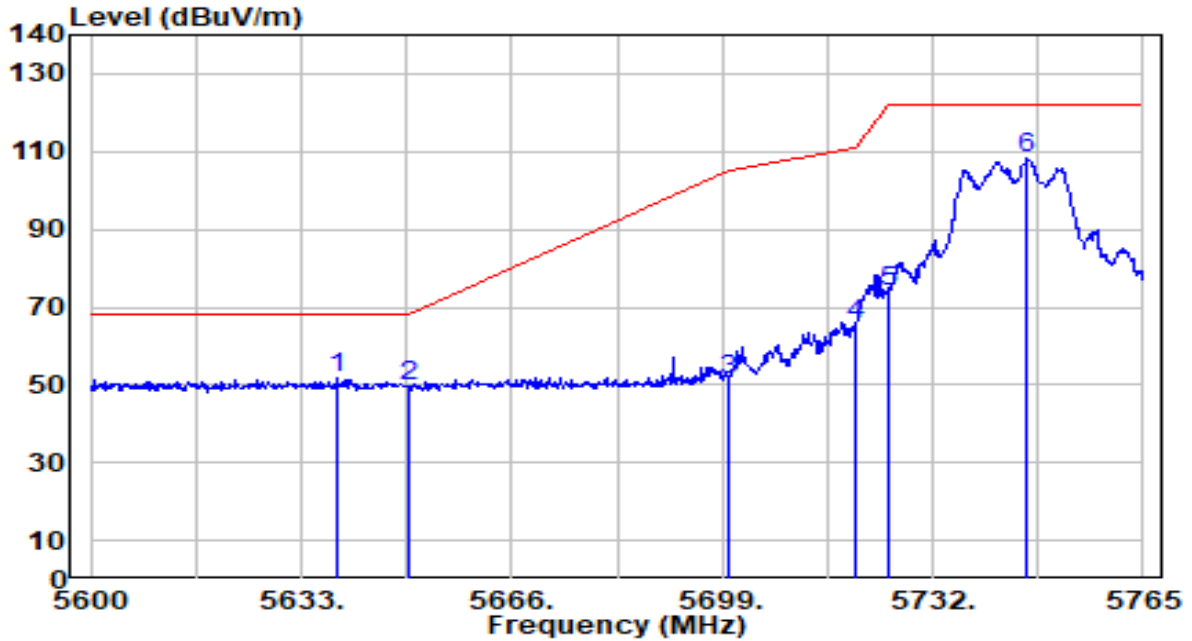


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5701.835	115.97	0.11	116.08	N/A	N/A	200	2	Peak
2	* 5725.000	54.69	0.23	54.92	-13.28	68.20	200	2	Peak
3	5728.095	54.29	0.25	54.54	-13.66	68.20	200	2	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

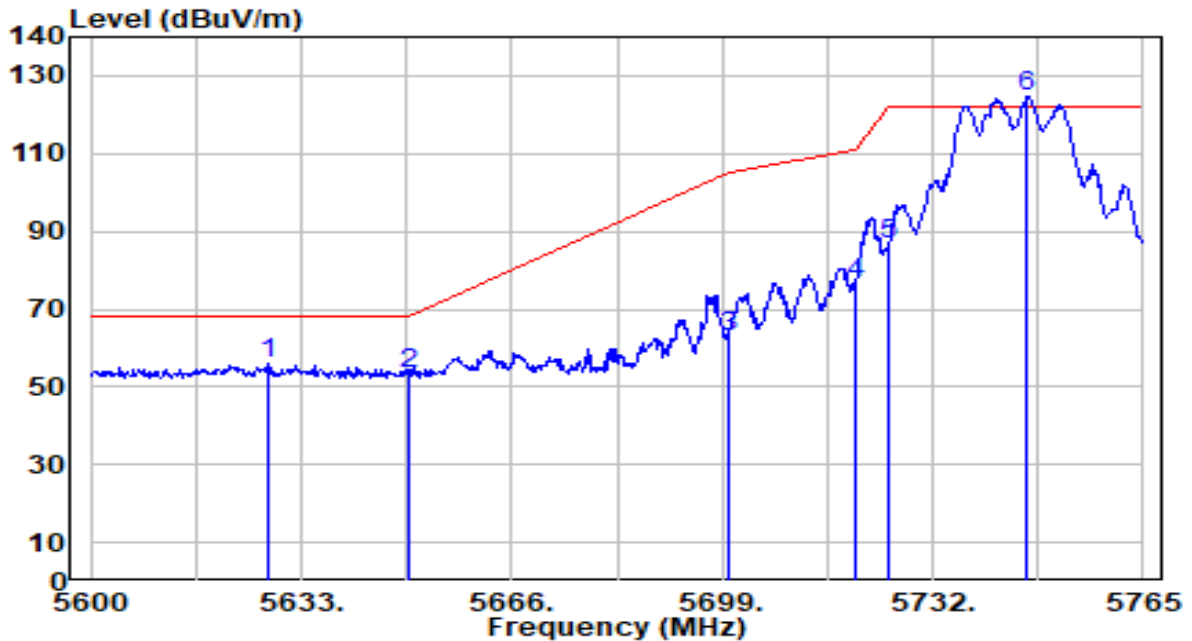


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5638.610	52.20	-0.22	51.98	-16.22	68.20	100	324	Peak
2		5650.000	49.76	-0.16	49.60	-18.60	68.20	100	324	Peak
3		5700.000	51.03	0.10	51.13	-54.07	105.20	100	324	Peak
4		5720.000	65.29	0.20	65.49	-45.31	110.80	100	324	Peak
5		5725.000	73.86	0.23	74.09	-48.11	122.20	100	324	Peak
6		5746.685	107.89	0.34	108.23	N/A	N/A	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) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

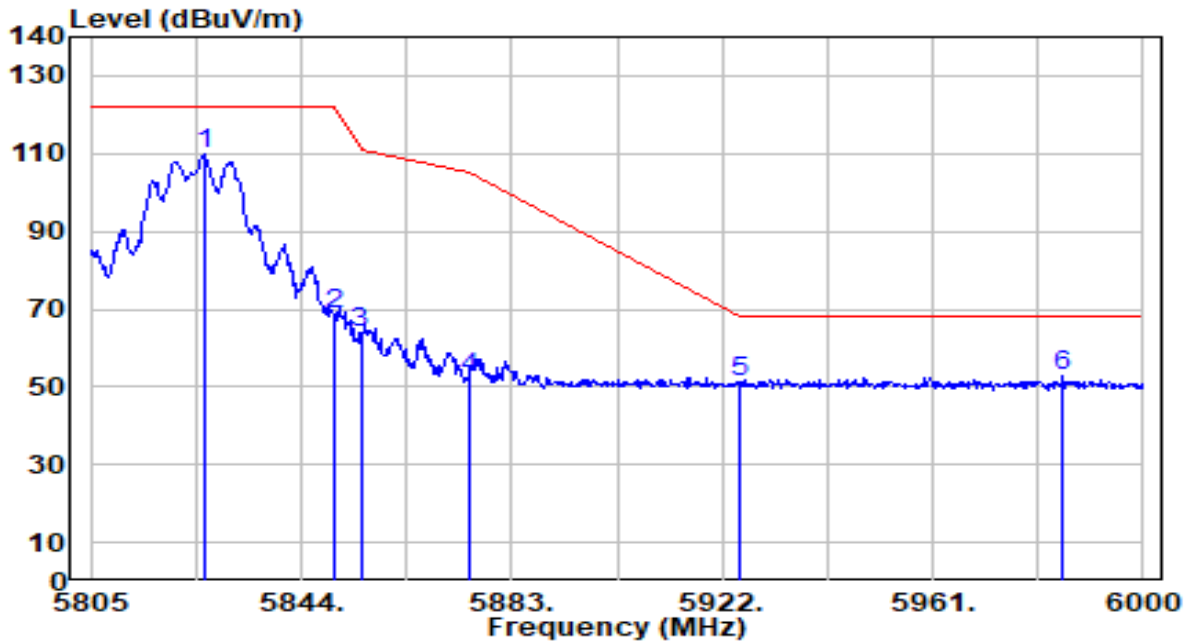


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	56.11	-0.28	55.83	-12.37	68.20	200	2	Peak
2		53.68	-0.16	53.52	-14.68	68.20	200	2	Peak
3		62.64	0.10	62.74	-42.46	105.20	200	2	Peak
4		76.60	0.20	76.80	-34.00	110.80	200	2	Peak
5		86.65	0.23	86.88	-35.32	122.20	200	2	Peak
6		124.21	0.34	124.56	N/A	N/A	200	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz



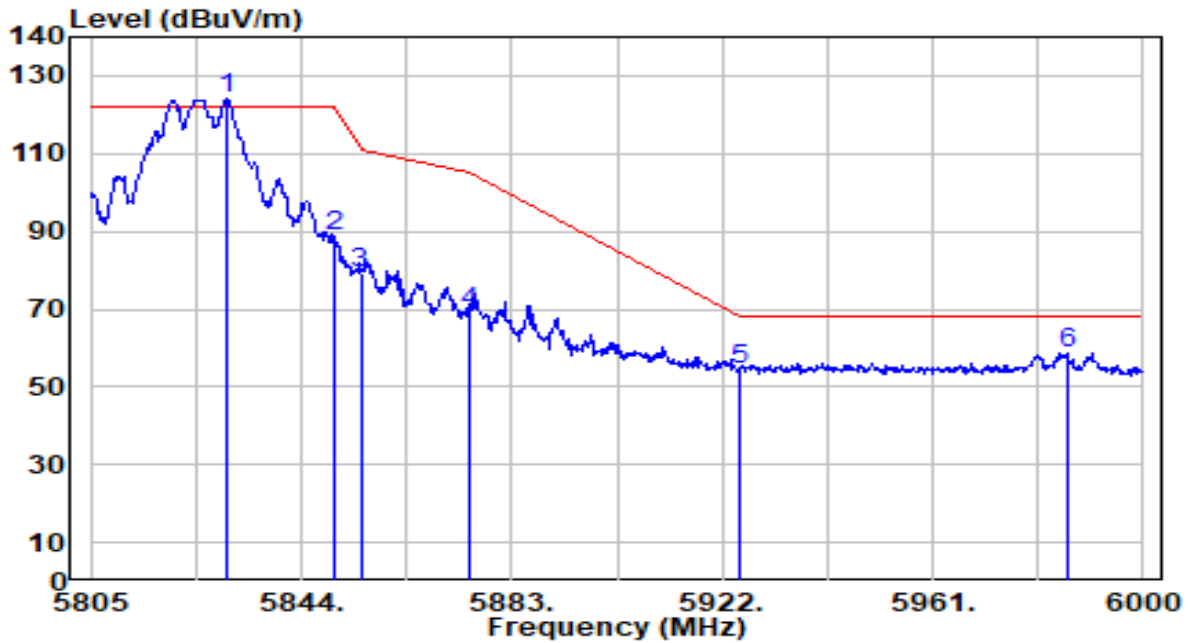
No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5826.060	109.24	0.60	109.84	N/A	N/A	100	343	Peak
2	5850.000	68.18	0.58	68.76	-53.44	122.20	100	343	Peak
3	5855.000	63.19	0.58	63.77	-47.03	110.80	100	343	Peak
4	5875.000	51.88	0.57	52.44	-52.76	105.20	100	343	Peak
5	5925.000	50.55	0.53	51.07	-17.13	68.20	100	343	Peak
6	* 5984.985	52.10	0.48	52.58	-15.62	68.20	100	343	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

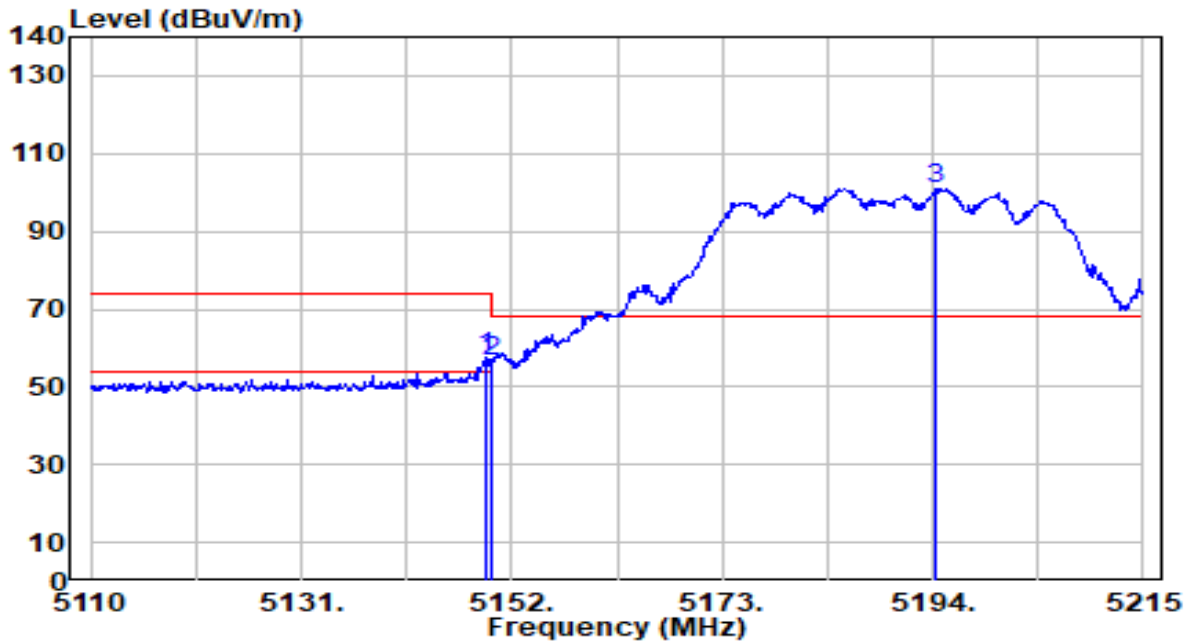


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5830.155	123.37	0.60	123.96	N/A	N/A	200	14	Peak
2	5850.000	88.34	0.58	88.93	-33.27	122.20	200	14	Peak
3	5855.000	78.49	0.58	79.07	-31.73	110.80	200	14	Peak
4	5875.000	68.72	0.57	69.29	-35.91	105.20	200	14	Peak
5	5925.000	53.70	0.53	54.23	-13.97	68.20	200	14	Peak
6	* 5985.960	58.11	0.48	58.59	-9.61	68.20	200	14	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

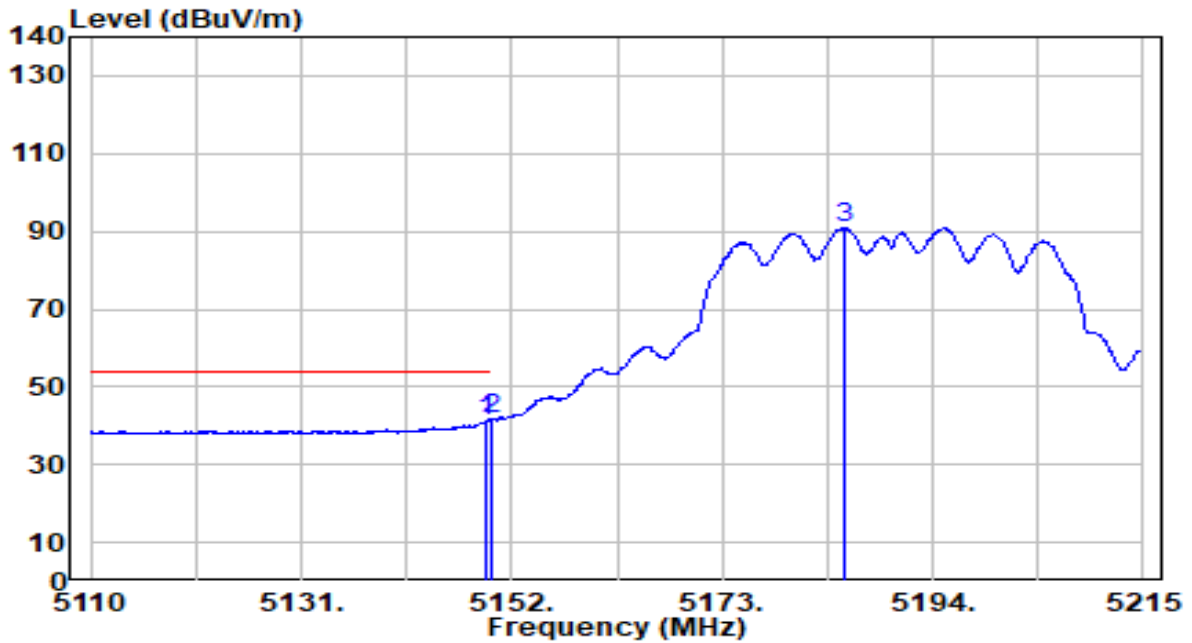


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5149.375	58.07	-0.72	57.36	-16.64	74.00	100	147	Peak
2		5150.000	57.20	-0.72	56.48	-17.52	74.00	100	147	Peak
3		5194.315	101.86	-0.74	101.11	N/A	N/A	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

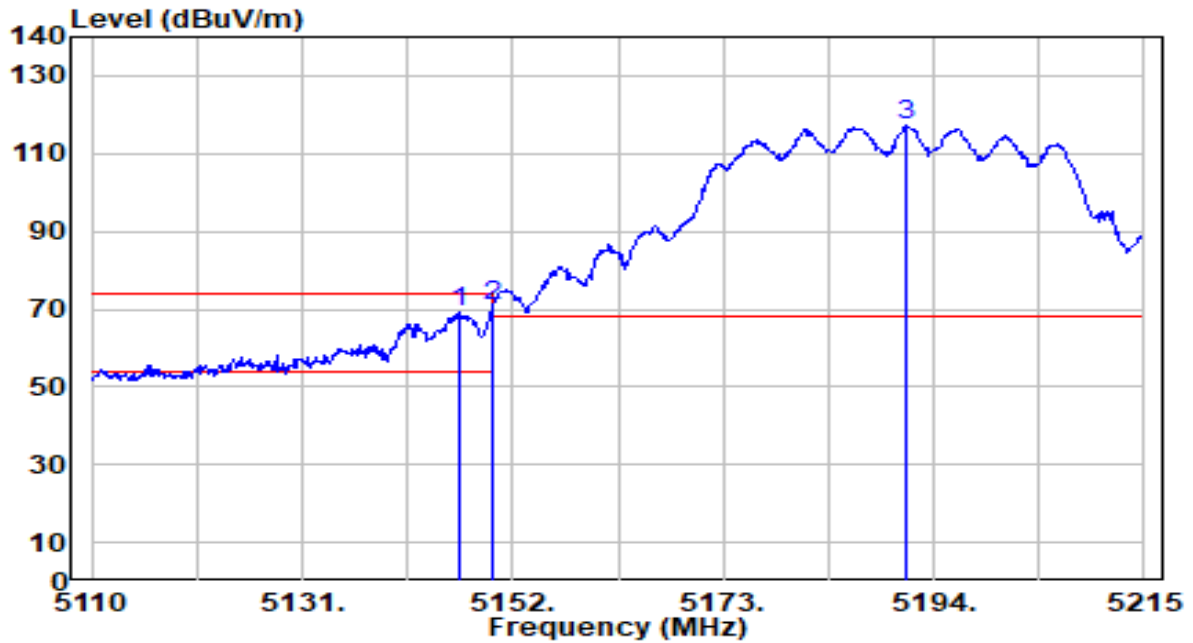


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.480	42.19	-0.72	41.47	-12.53	54.00	100	147	Average
2	* 5150.000	42.31	-0.72	41.59	-12.41	54.00	100	147	Average
3	5185.180	91.55	-0.74	90.82	N/A	N/A	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

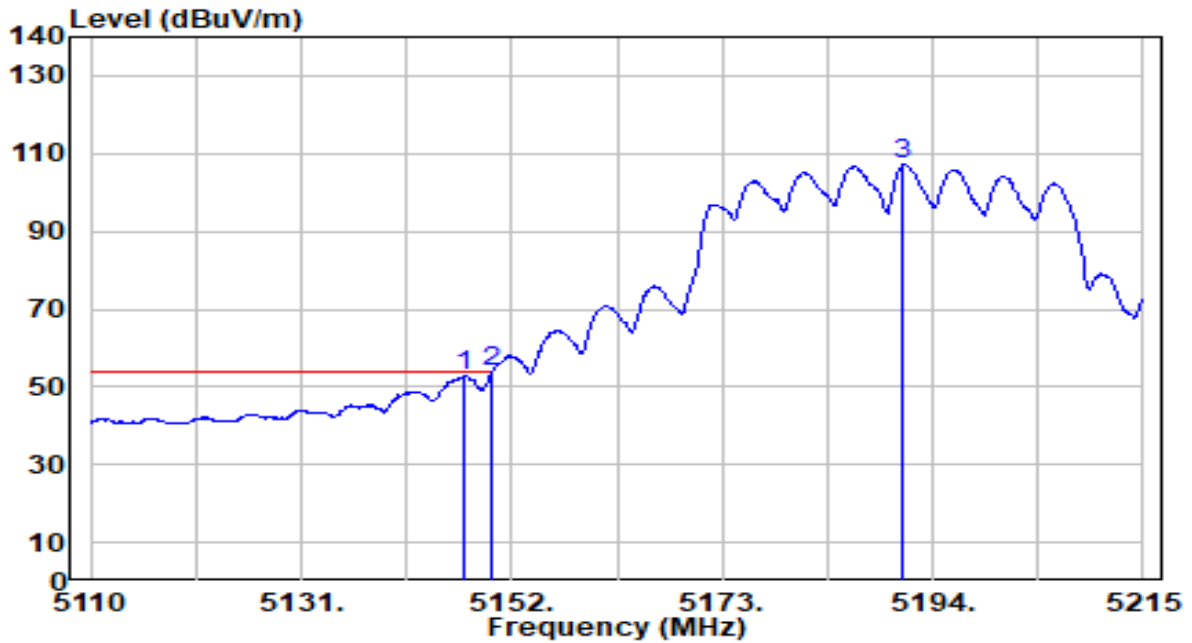


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5146.750	69.69	-0.72	68.98	-5.02	74.00	200	42	Peak
2	* 5150.000	71.31	-0.72	70.59	-3.41	74.00	200	42	Peak
3	5191.270	117.85	-0.74	117.11	N/A	N/A	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

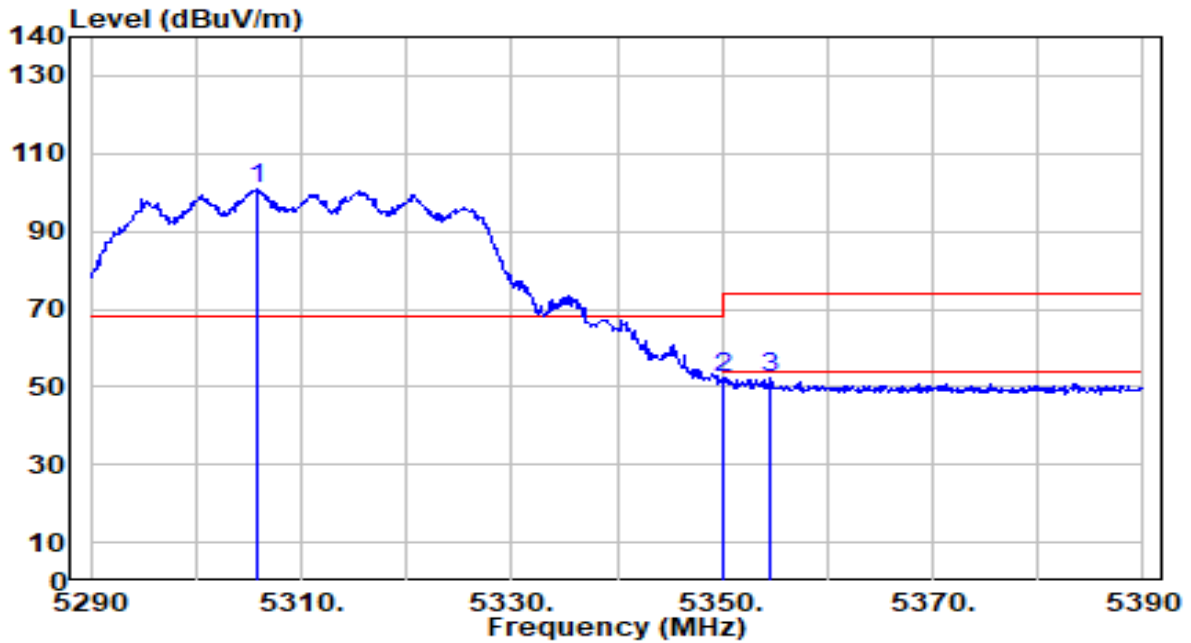


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5147.275	53.45	-0.72	52.74	-1.26	54.00	200	42	Average
2	* 5150.000	54.57	-0.72	53.85	-0.15	54.00	200	42	Average
3	5191.060	107.86	-0.74	107.12	N/A	N/A	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

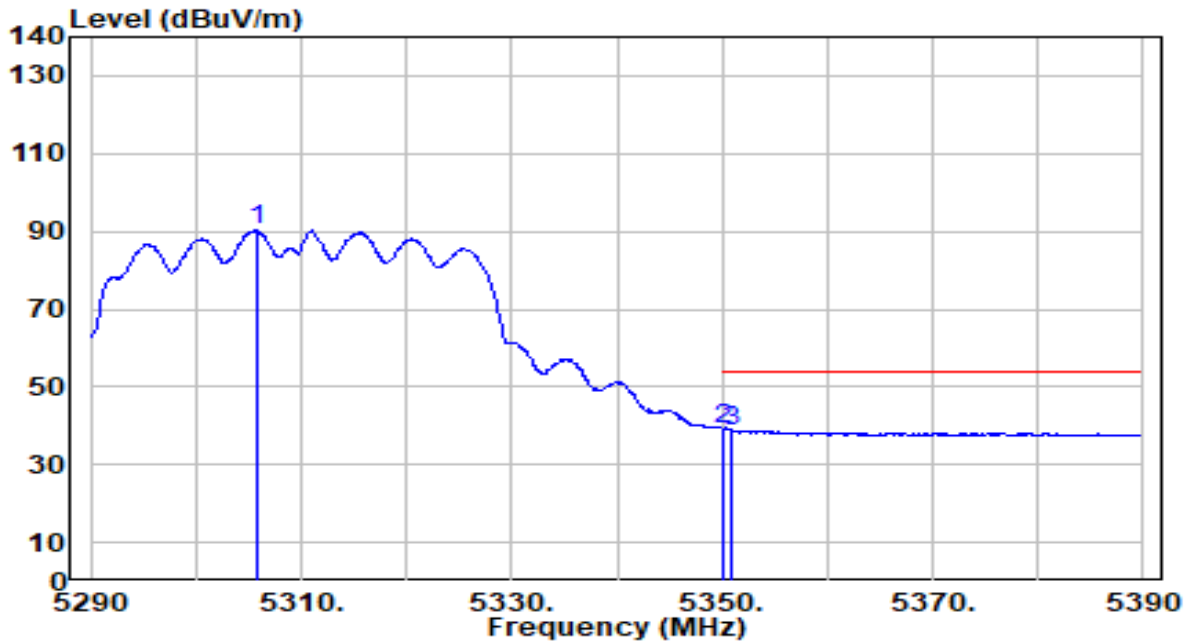


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5305.900	101.86	-0.90	100.96	N/A	N/A	100	147	Peak
2	* 5350.000	53.42	-0.97	52.44	-21.56	74.00	100	147	Peak
3	5354.600	53.31	-0.98	52.33	-21.67	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

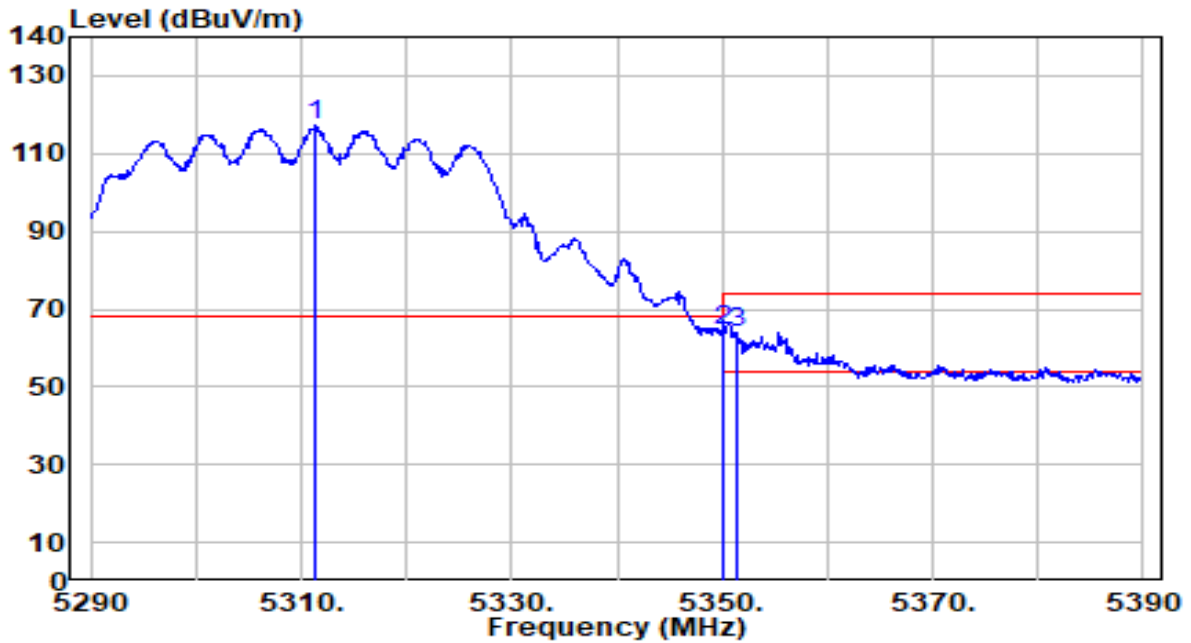


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5305.800	91.08	-0.90	90.17	N/A	N/A	100	147	Average
2	* 5350.000	40.25	-0.97	39.28	-14.72	54.00	100	147	Average
3	5351.000	39.72	-0.97	38.75	-15.25	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz



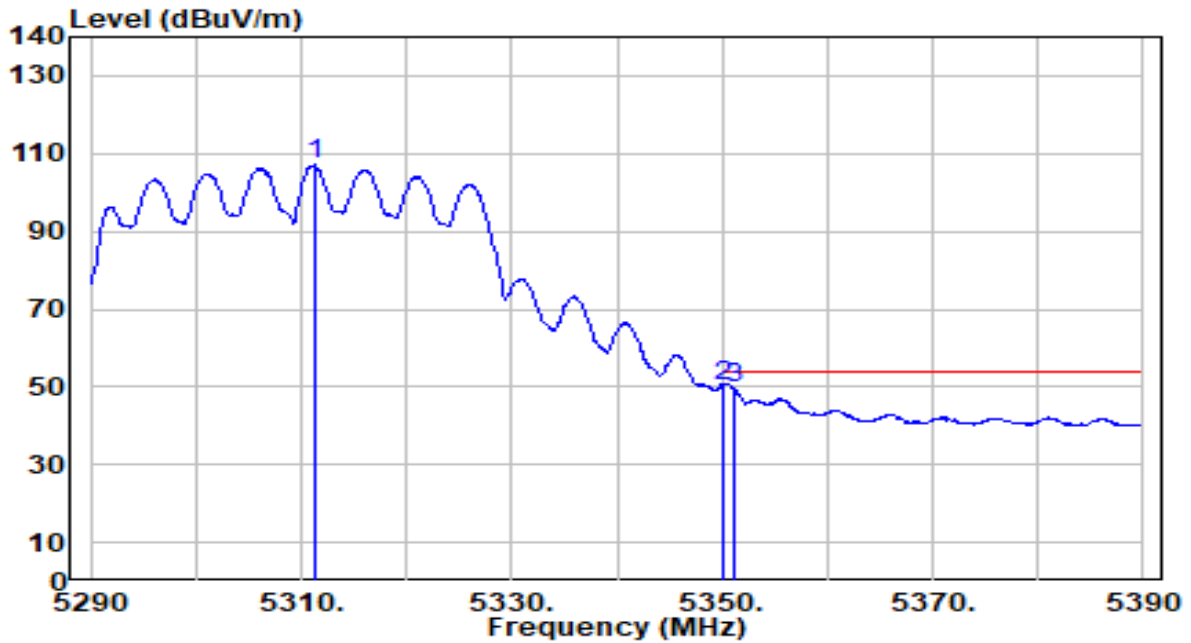
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5311.400	118.09	-0.91	117.18	N/A	N/A	200	43	Peak
2	* 5350.000	65.65	-0.97	64.68	-9.32	74.00	200	43	Peak
3	5351.300	65.12	-0.97	64.15	-9.85	74.00	200	43	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

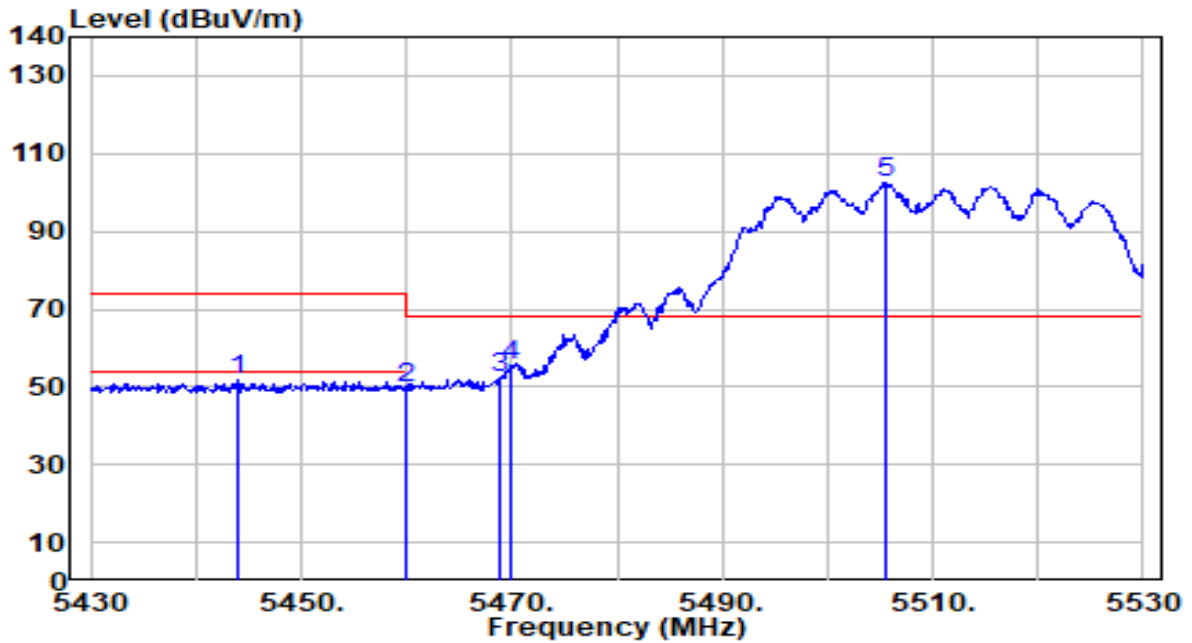


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5311.200	108.02	-0.91	107.11	N/A	N/A	200	43	Average
2	* 5350.000	51.17	-0.97	50.19	-3.81	54.00	200	43	Average
3	5351.100	50.77	-0.97	49.80	-4.20	54.00	200	43	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

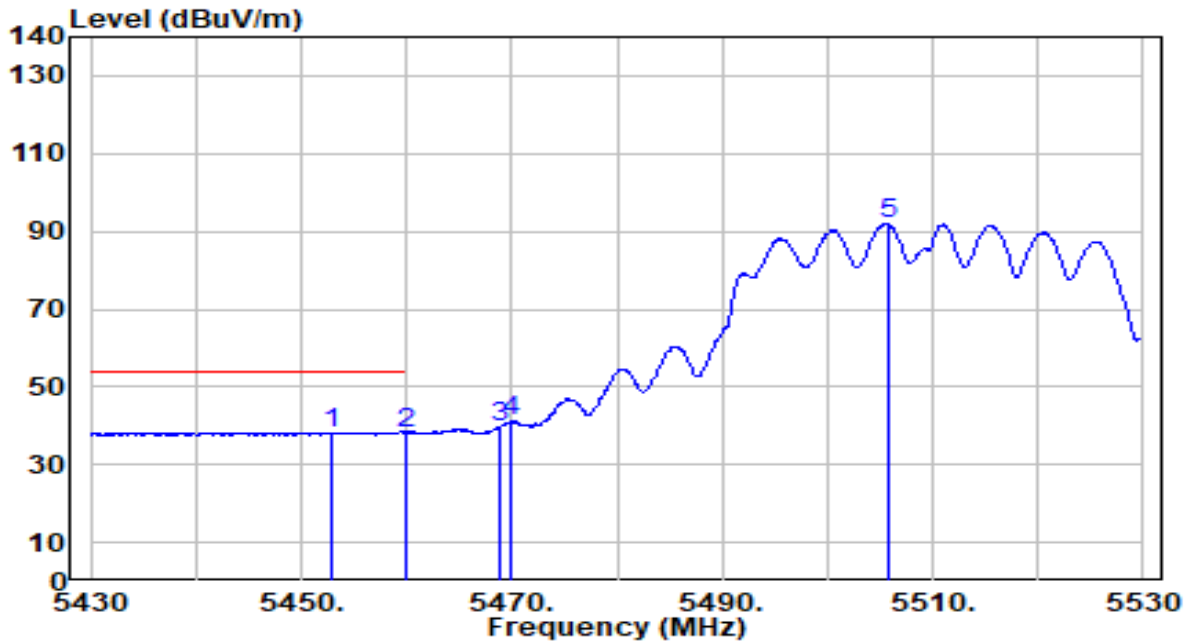


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5444.100	52.58	-0.92	51.66	-22.34	74.00	122	211	Peak
2	5460.000	50.44	-0.87	49.57	-24.43	74.00	122	211	Peak
3	5468.800	53.33	-0.84	52.49	-15.71	68.20	122	211	Peak
4	* 5470.000	56.27	-0.84	55.43	-12.77	68.20	122	211	Peak
5	5505.500	103.40	-0.73	102.67	N/A	N/A	122	211	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

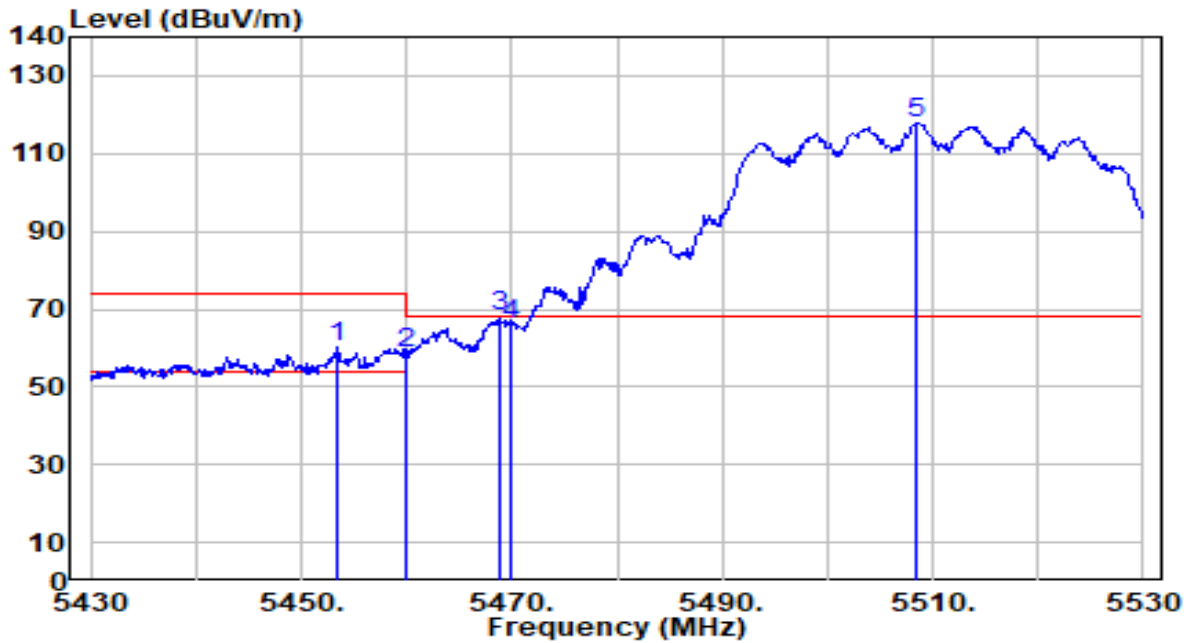


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5453.000	39.13	-0.89	38.24	-15.76	54.00	122	211	Average
2	* 5460.000	39.15	-0.87	38.28	-15.72	54.00	122	211	Average
3	5468.800	40.64	-0.84	39.80	N/A	N/A	122	211	Average
4	5470.000	41.89	-0.84	41.05	N/A	N/A	122	211	Average
5	5505.700	92.62	-0.73	91.89	N/A	N/A	122	211	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

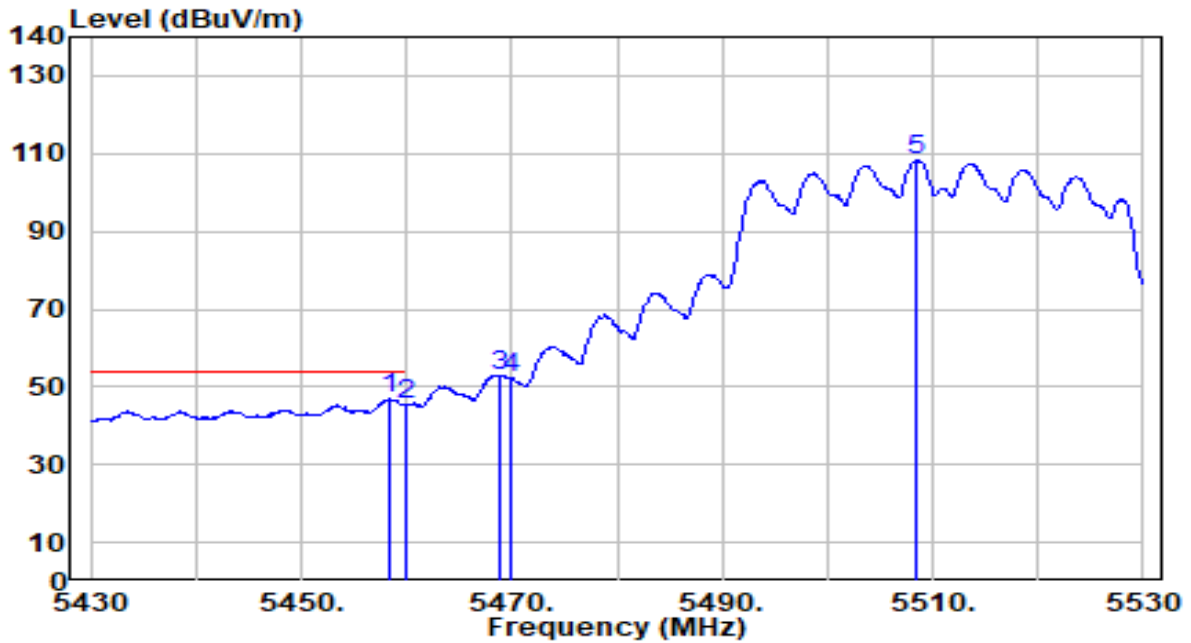


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5453.500	60.86	-0.89	59.97	-14.03	74.00	200	5	Peak
2	5460.000	59.77	-0.87	58.90	-15.10	74.00	200	5	Peak
3	* 5468.800	68.88	-0.84	68.04	-0.16	68.20	200	5	Peak
4	5470.000	66.81	-0.84	65.98	-2.22	68.20	200	5	Peak
5	5508.500	118.57	-0.72	117.85	N/A	N/A	200	5	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

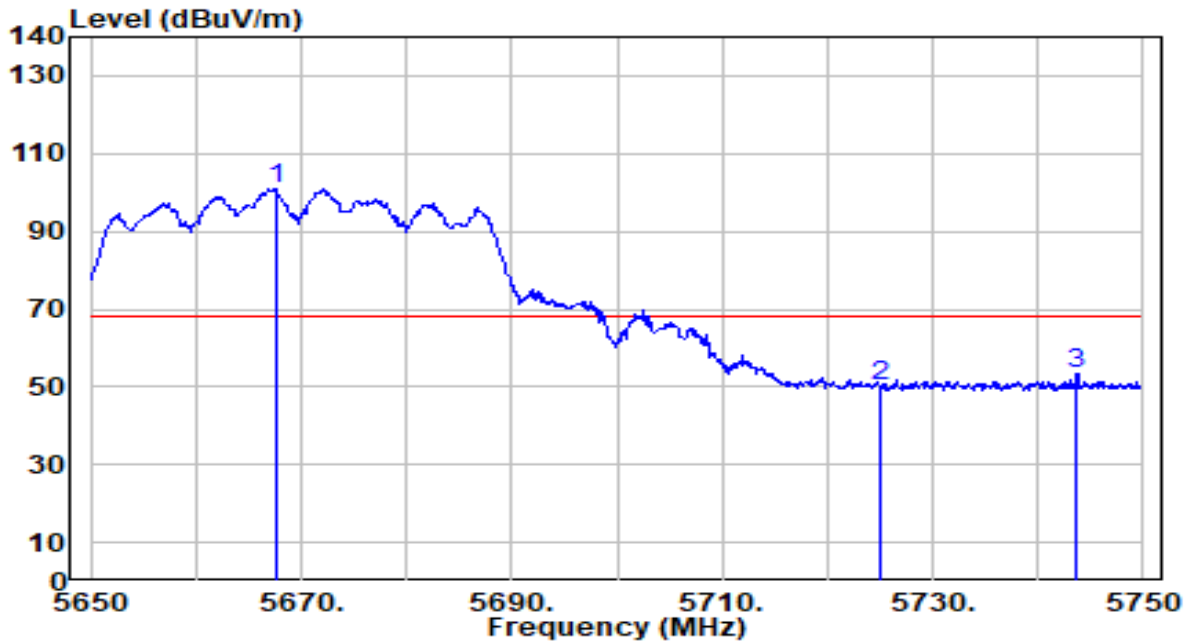


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5458.300	47.77	-0.87	46.90	-7.10	54.00	200	5	Average
2		5460.000	46.30	-0.87	45.44	-8.56	54.00	200	5	Average
3		5468.800	53.58	-0.84	52.74	N/A	N/A	200	5	Average
4		5470.000	53.12	-0.84	52.28	N/A	N/A	200	5	Average
5		5508.500	109.13	-0.72	108.40	N/A	N/A	200	5	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

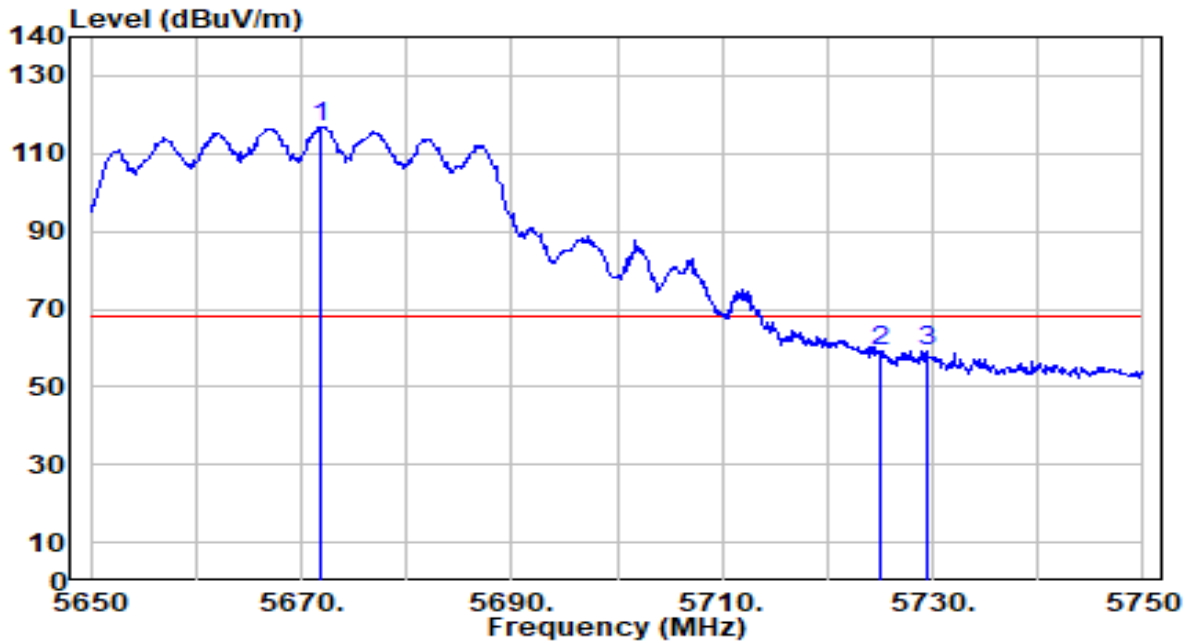


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5667.600	101.13	-0.07	101.06	N/A	N/A	107	197	Peak
2	5725.000	49.91	0.23	50.14	-18.06	68.20	107	197	Peak
3	* 5743.700	53.18	0.33	53.50	-14.70	68.20	107	197	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

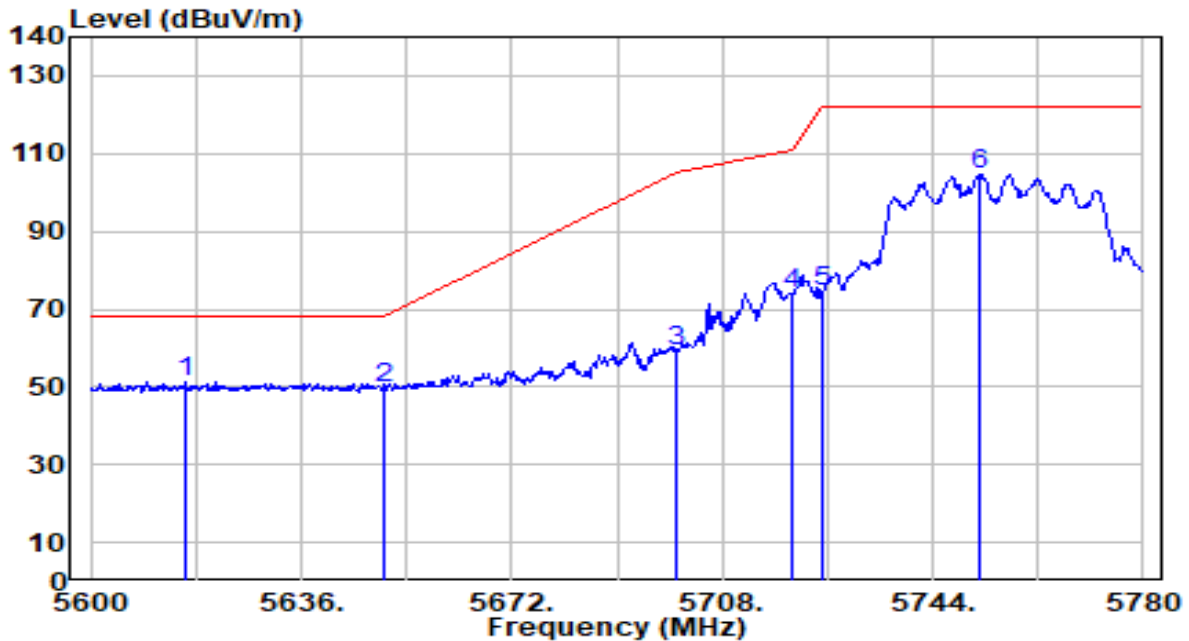


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5671.800	116.99	-0.05	116.94	N/A	N/A	185	2	Peak
2	5725.000	59.02	0.23	59.24	-8.96	68.20	185	2	Peak
3	* 5729.500	59.04	0.25	59.30	-8.90	68.20	185	2	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz



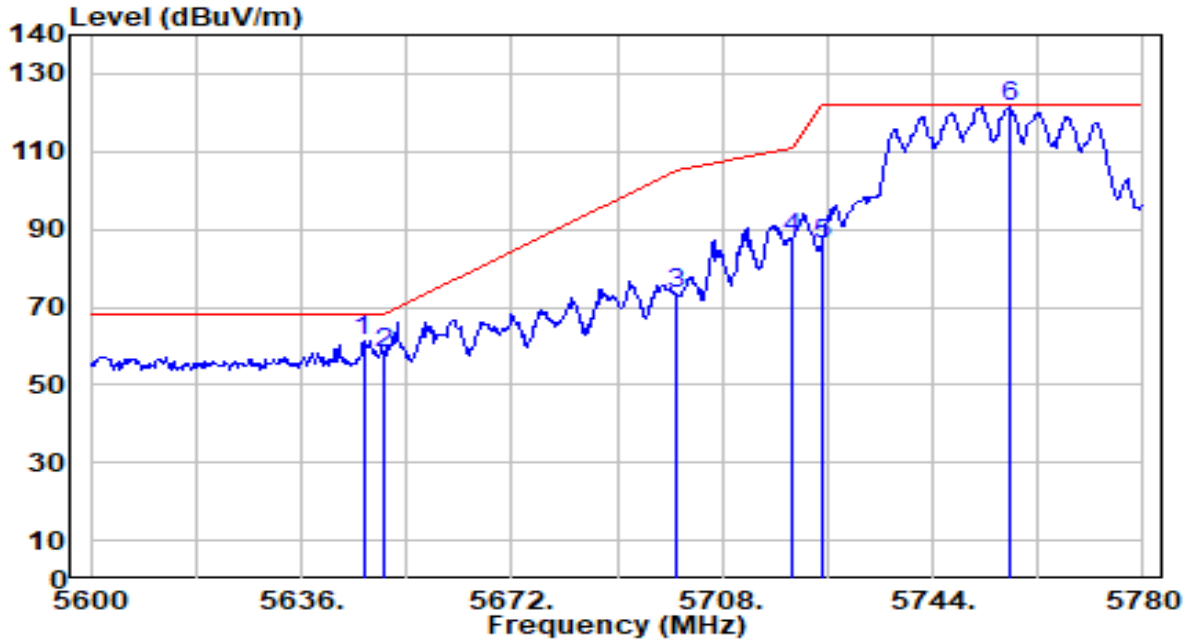
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	51.49	-0.34	51.15	-17.05	68.20	100	324	Peak
2		49.92	-0.16	49.75	-18.45	68.20	100	324	Peak
3		58.99	0.10	59.09	-46.11	105.20	100	324	Peak
4		73.50	0.20	73.71	-37.09	110.80	100	324	Peak
5		74.38	0.23	74.61	-47.59	122.20	100	324	Peak
6		104.39	0.37	104.76	N/A	N/A	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) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

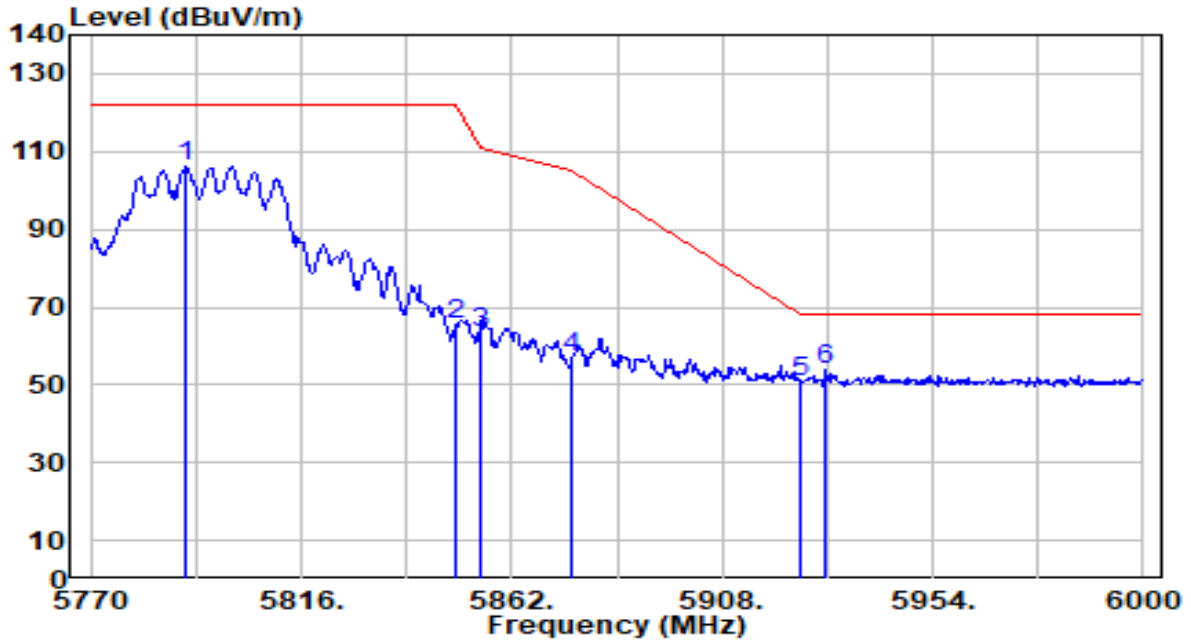


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5646.620	61.68	-0.18	61.50	-6.70	68.20	200	2	Peak
2		5650.000	58.15	-0.16	57.99	-10.21	68.20	200	2	Peak
3		5700.000	73.13	0.10	73.22	-31.98	105.20	200	2	Peak
4		5720.000	87.45	0.20	87.65	-23.15	110.80	200	2	Peak
5		5725.000	85.96	0.23	86.19	-36.01	122.20	200	2	Peak
6		5757.140	121.12	0.40	121.51	N/A	N/A	200	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

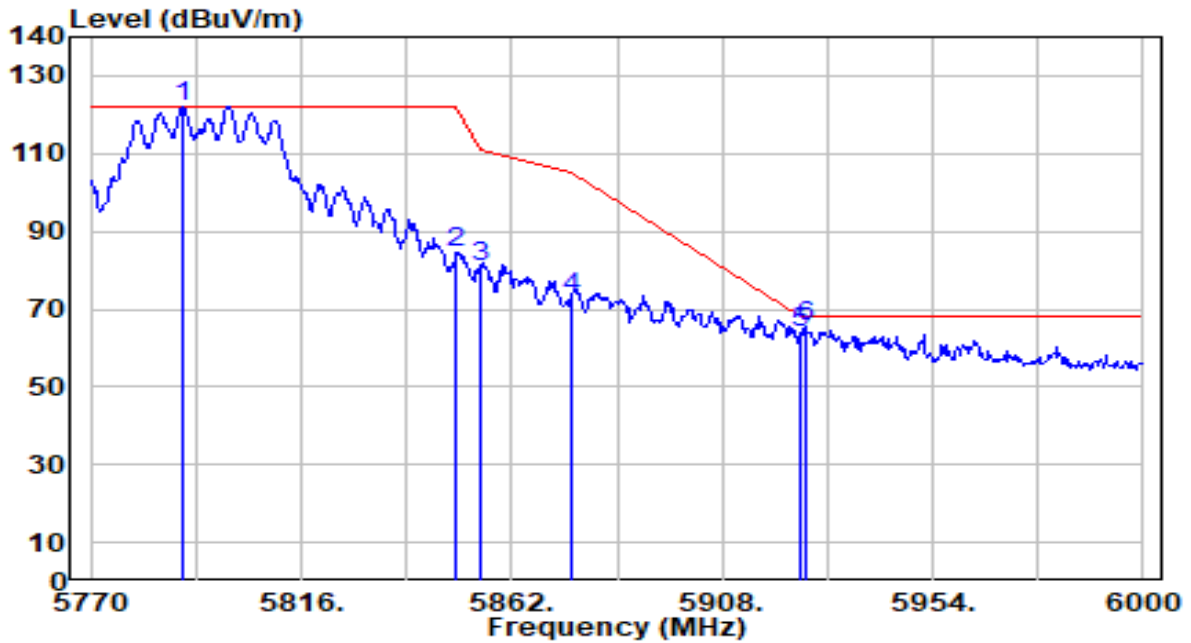


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5790.930	105.44	0.57	106.02	N/A	N/A	100	343	Peak
2	5850.000	64.86	0.58	65.44	-56.76	122.20	100	343	Peak
3	5855.000	62.76	0.58	63.34	-47.46	110.80	100	343	Peak
4	5875.000	56.25	0.57	56.81	-48.39	105.20	100	343	Peak
5	5925.000	50.12	0.53	50.65	-17.55	68.20	100	343	Peak
6	* 5930.770	53.15	0.52	53.68	-14.52	68.20	100	343	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

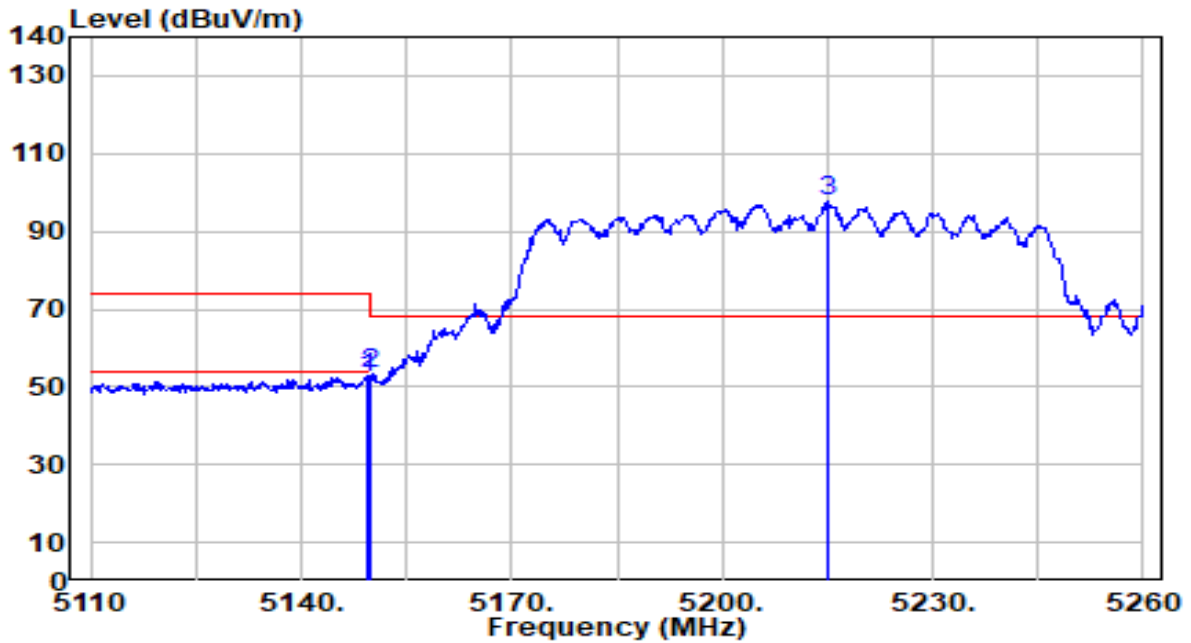


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5790.240	121.37	0.57	121.94	N/A	N/A	200	14	Peak
2	5850.000	84.12	0.58	84.70	-37.50	122.20	200	14	Peak
3	5855.000	80.50	0.58	81.08	-29.72	110.80	200	14	Peak
4	5875.000	72.31	0.57	72.88	-32.32	105.20	200	14	Peak
5	5925.000	63.31	0.53	63.84	-4.36	68.20	200	14	Peak
6	* 5926.170	64.89	0.53	65.42	-2.78	68.20	200	14	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

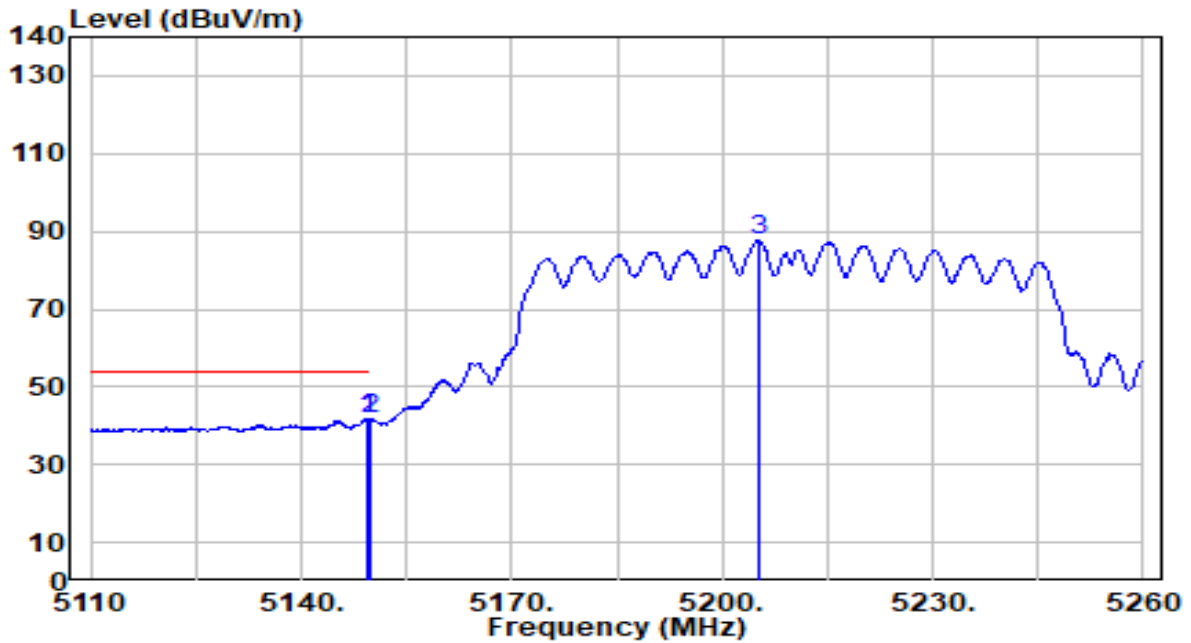


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.300	53.27	-0.72	52.55	-21.45	74.00	107	147	Peak
2	* 5150.000	53.94	-0.72	53.22	-20.78	74.00	107	147	Peak
3	5215.000	98.27	-0.77	97.50	N/A	N/A	107	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

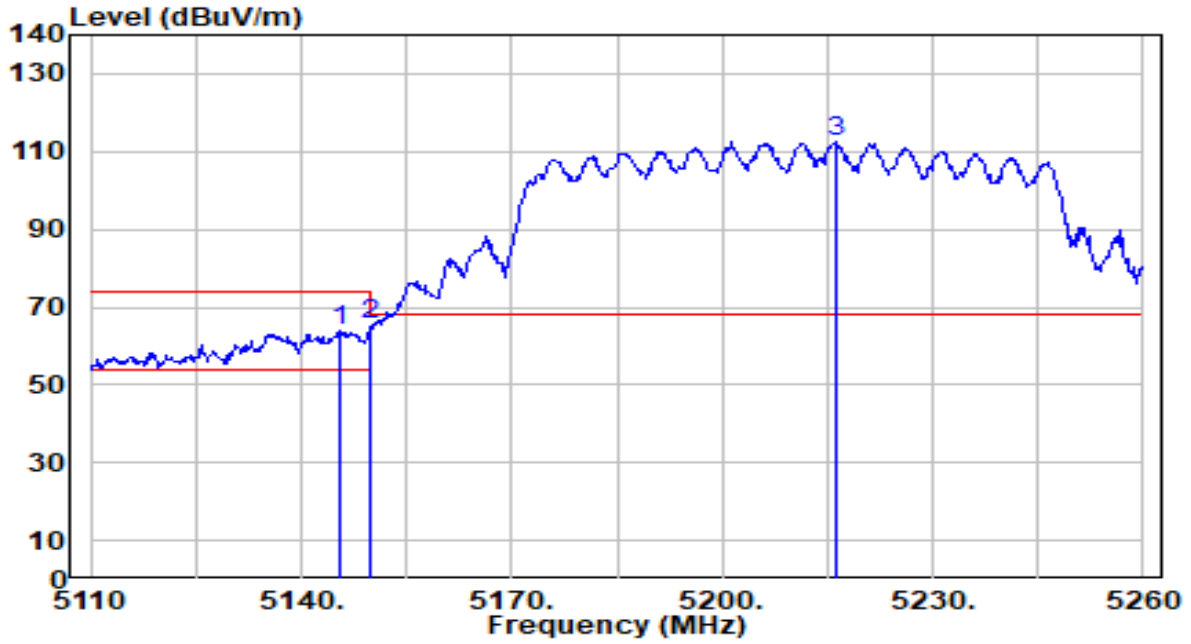


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.450	42.40	-0.72	41.68	-12.32	54.00	107	147	Average
2	* 5150.000	42.57	-0.72	41.85	-12.15	54.00	107	147	Average
3	5205.100	88.39	-0.75	87.63	N/A	N/A	107	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

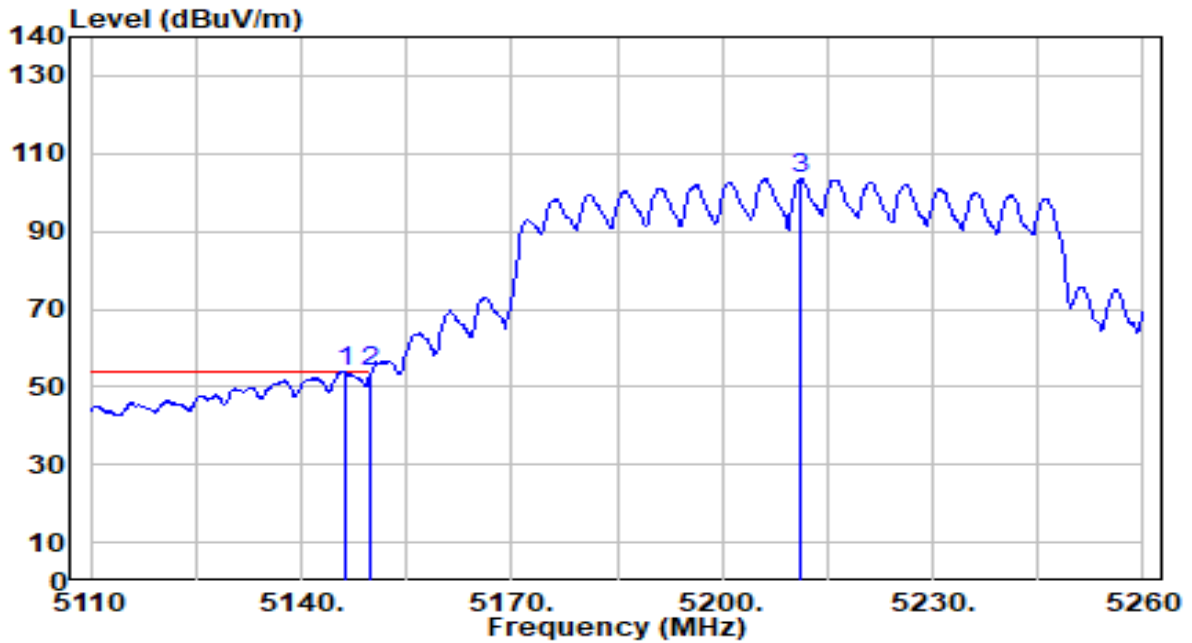


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5145.550	64.57	-0.72	63.85	-10.15	74.00	200	42	Peak
2	* 5150.000	66.10	-0.72	65.39	-8.61	74.00	200	42	Peak
3	5216.350	113.35	-0.77	112.58	N/A	N/A	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

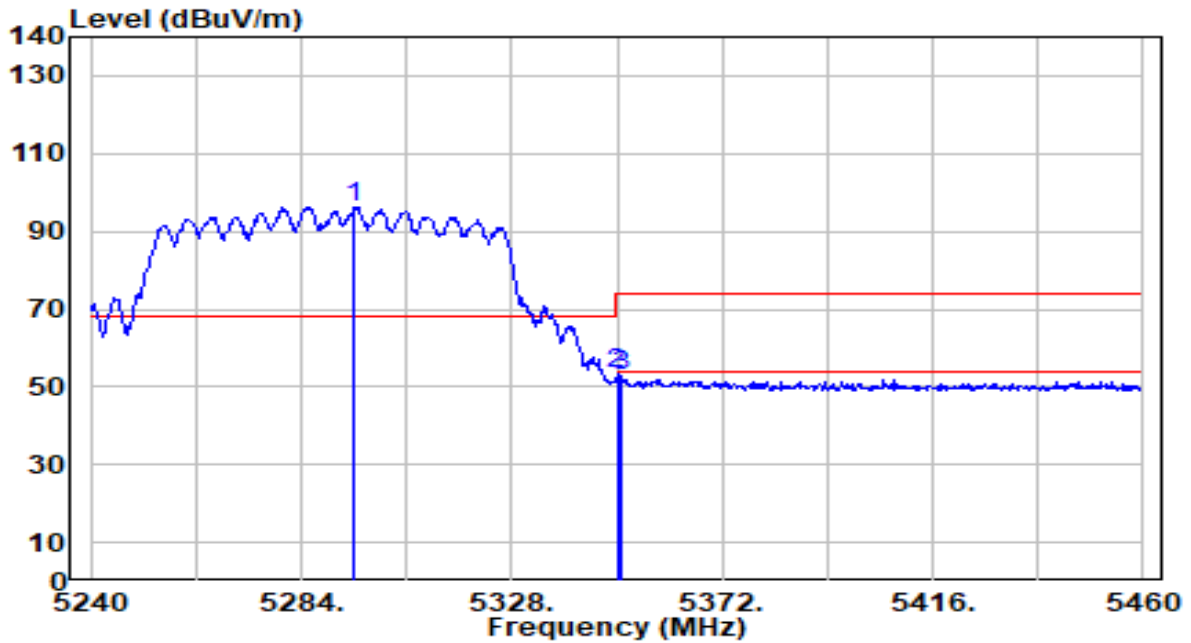


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5146.150	54.54	-0.72	53.82	-0.18	54.00	200	42	Average
2	* 5150.000	54.61	-0.72	53.89	-0.11	54.00	200	42	Average
3	5211.100	104.38	-0.76	103.62	N/A	N/A	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz



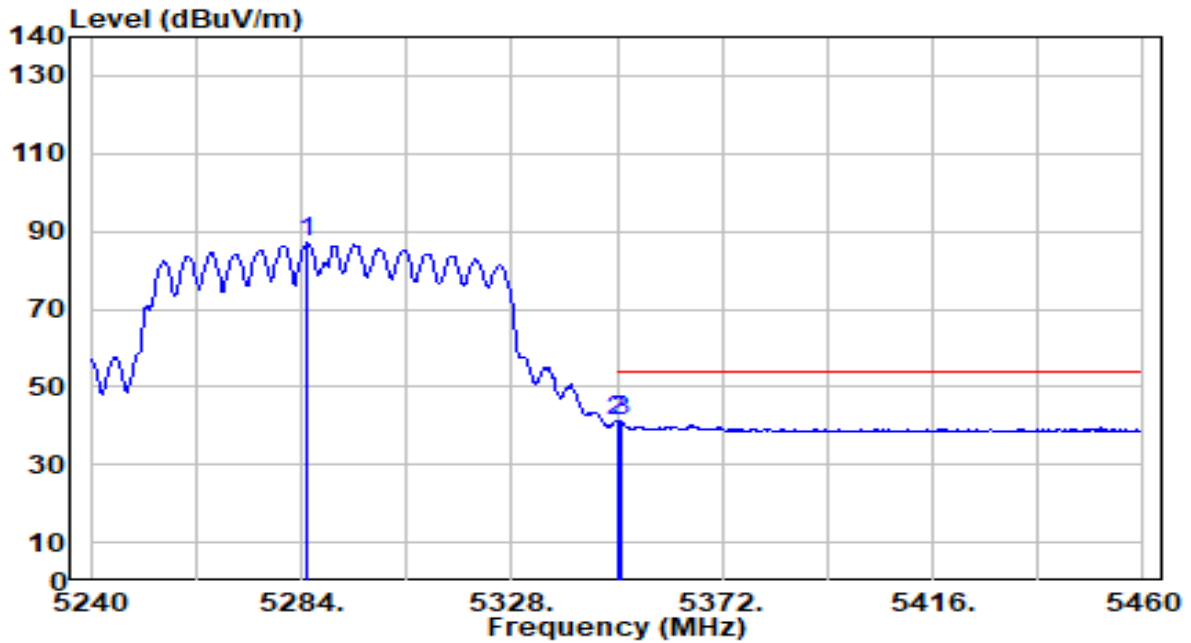
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5295.220	97.28	-0.89	96.39	N/A	N/A	100	147	Peak
2	* 5350.000	54.11	-0.97	53.14	-20.86	74.00	100	147	Peak
3	5351.100	53.65	-0.97	52.68	-21.32	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

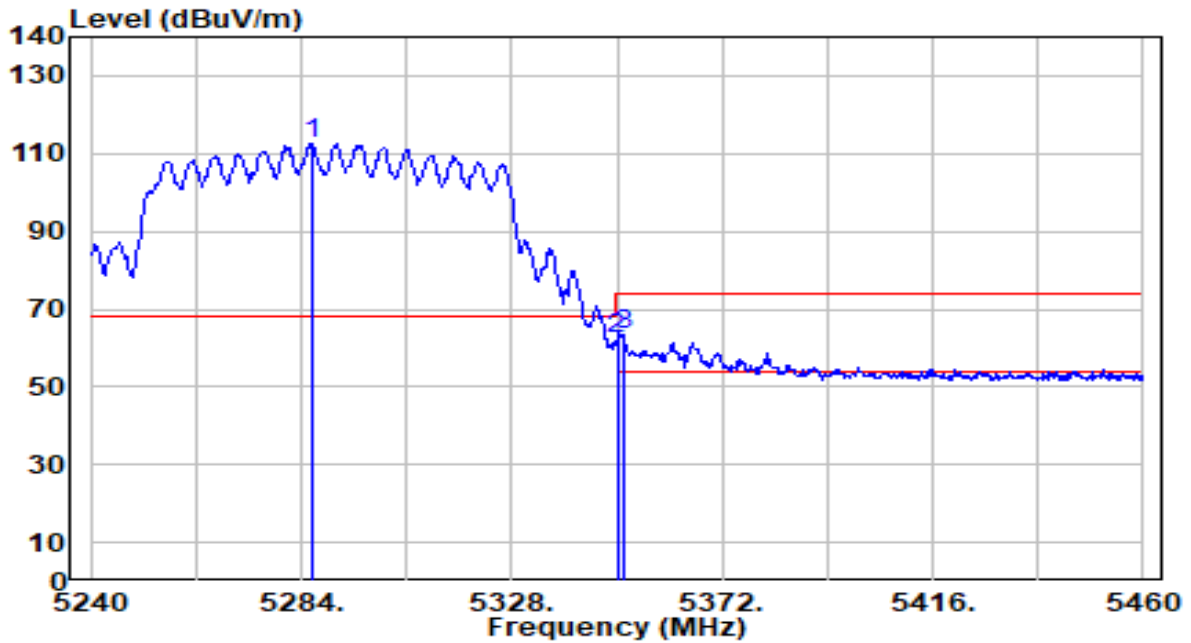


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5285.320	88.01	-0.87	87.13	N/A	N/A	100	147	Average
2	* 5350.000	42.31	-0.97	41.34	-12.66	54.00	100	147	Average
3	5350.880	41.94	-0.97	40.96	-13.04	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

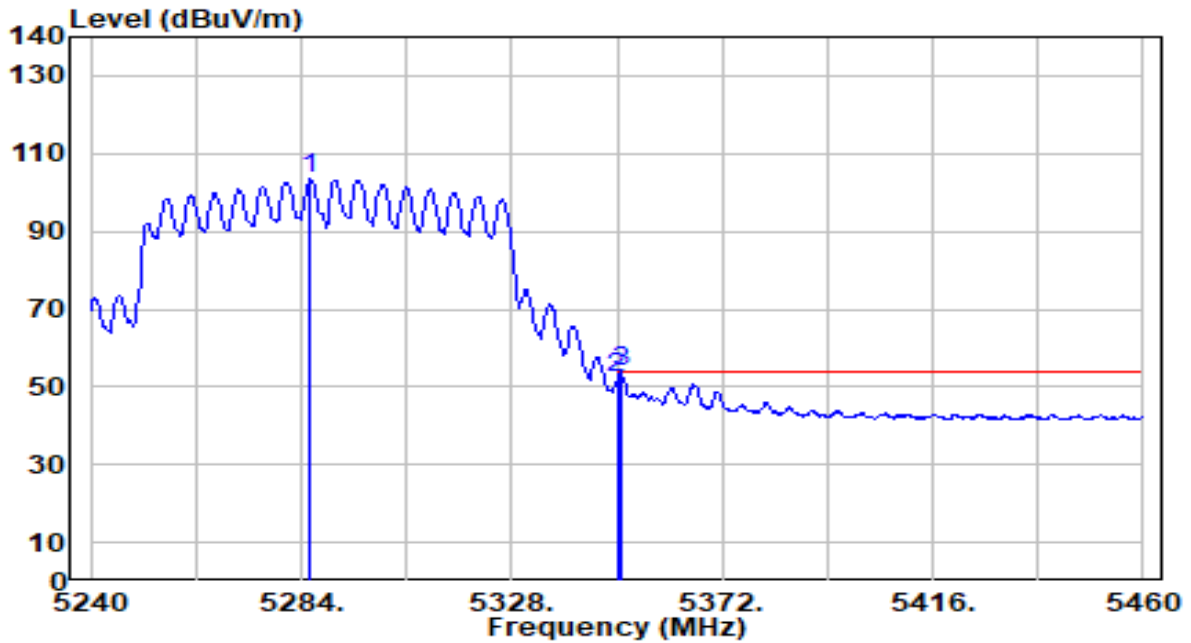


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5286.200	113.41	-0.88	112.53	N/A	N/A	200	42	Peak
2	5350.000	63.47	-0.97	62.50	-11.50	74.00	200	42	Peak
3	* 5351.320	64.45	-0.97	63.48	-10.52	74.00	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

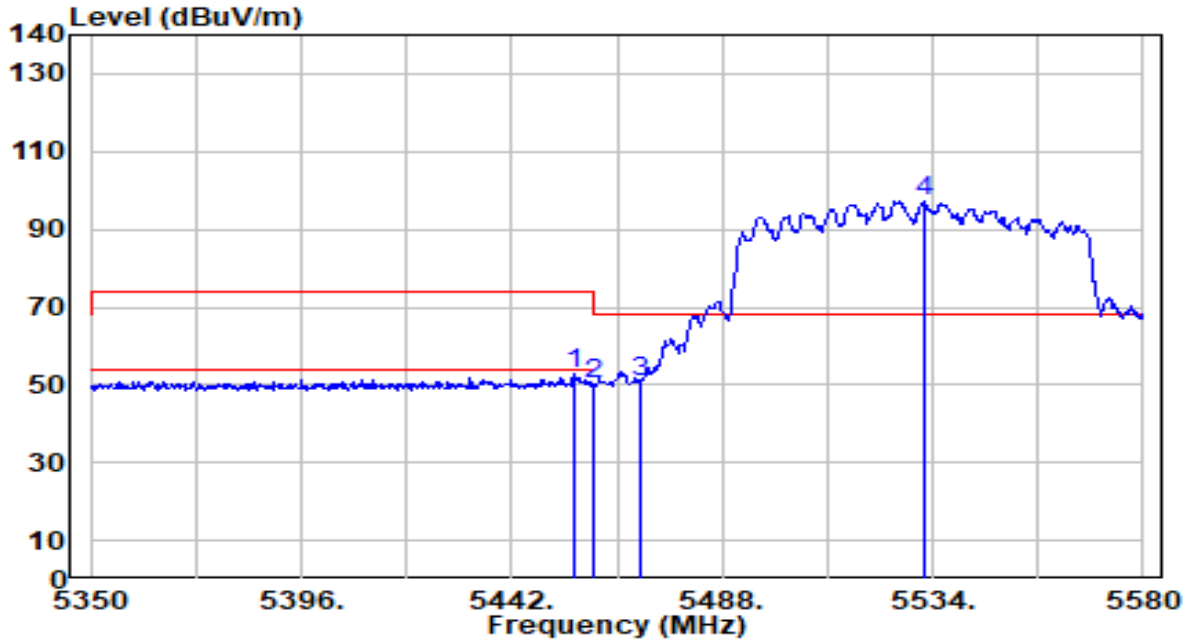


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5285.980	104.18	-0.87	103.31	N/A	N/A	200	42	Average
2	5350.000	53.29	-0.97	52.31	-1.69	54.00	200	42	Average
3	* 5350.660	54.79	-0.97	53.82	-0.18	54.00	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

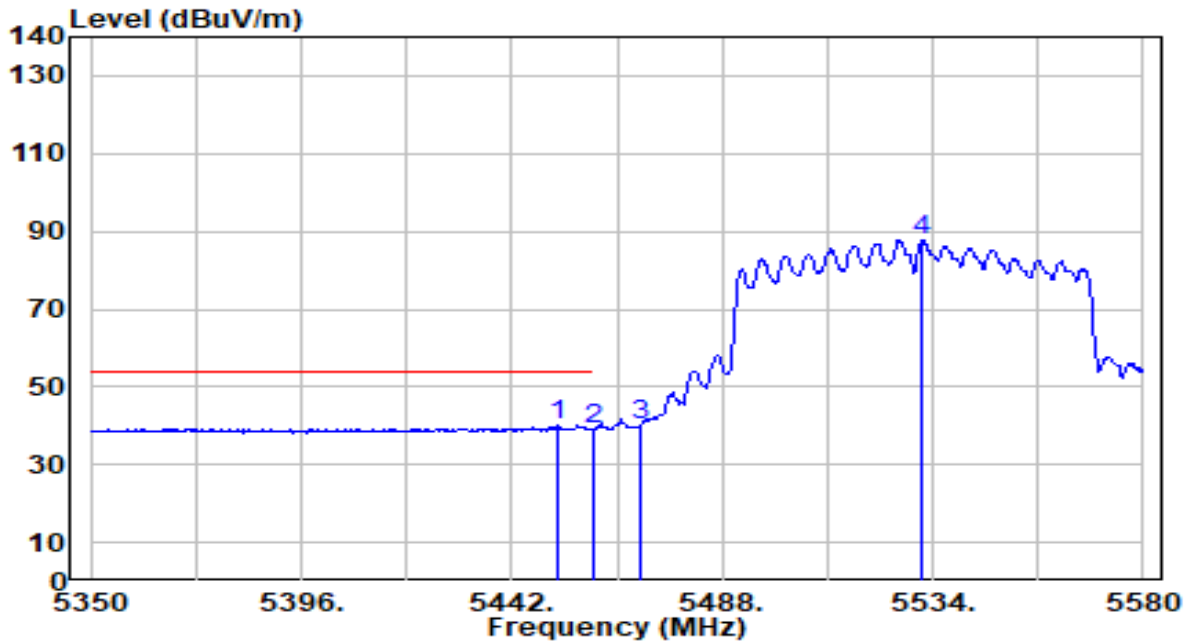


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5455.570	53.53	-0.88	52.65	-21.35	74.00	100	211	Peak
2	5460.000	50.82	-0.87	49.95	-24.05	74.00	100	211	Peak
3	* 5470.000	51.79	-0.84	50.95	-17.25	68.20	100	211	Peak
4	5531.930	97.88	-0.65	97.24	N/A	N/A	100	211	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

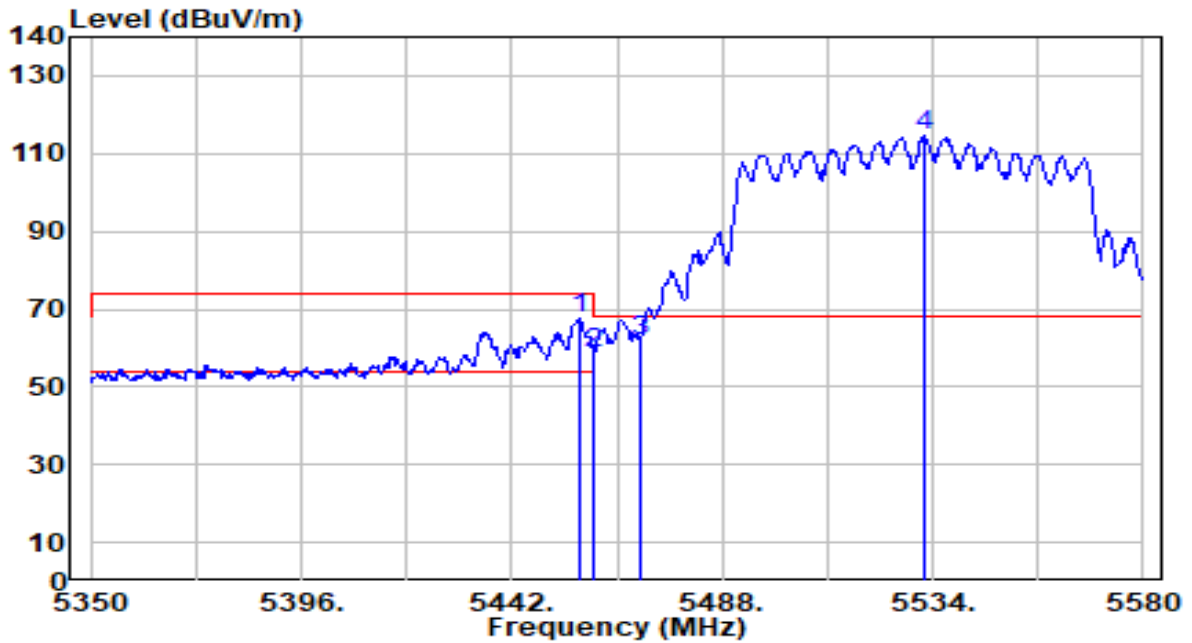


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5451.890	40.89	-0.89	40.00	-14.00	54.00	100	211	Average
2		5460.000	39.98	-0.87	39.11	-14.89	54.00	100	211	Average
3		5470.000	40.74	-0.84	39.90	N/A	N/A	100	211	Average
4		5531.700	88.32	-0.65	87.67	N/A	N/A	100	211	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

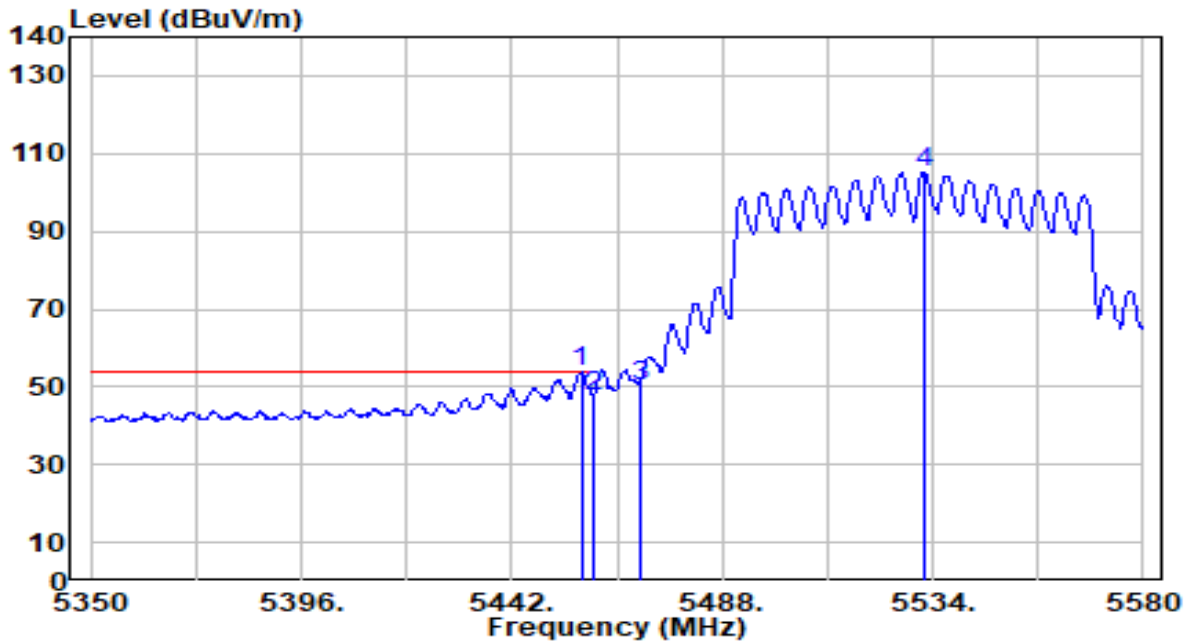


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5456.720	68.44	-0.88	67.56	-6.44	74.00	189	0	Peak
2	5460.000	59.56	-0.87	58.69	-15.31	74.00	189	0	Peak
3	5470.000	62.55	-0.84	61.71	-6.49	68.20	189	0	Peak
4	5532.390	115.15	-0.65	114.50	N/A	N/A	189	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

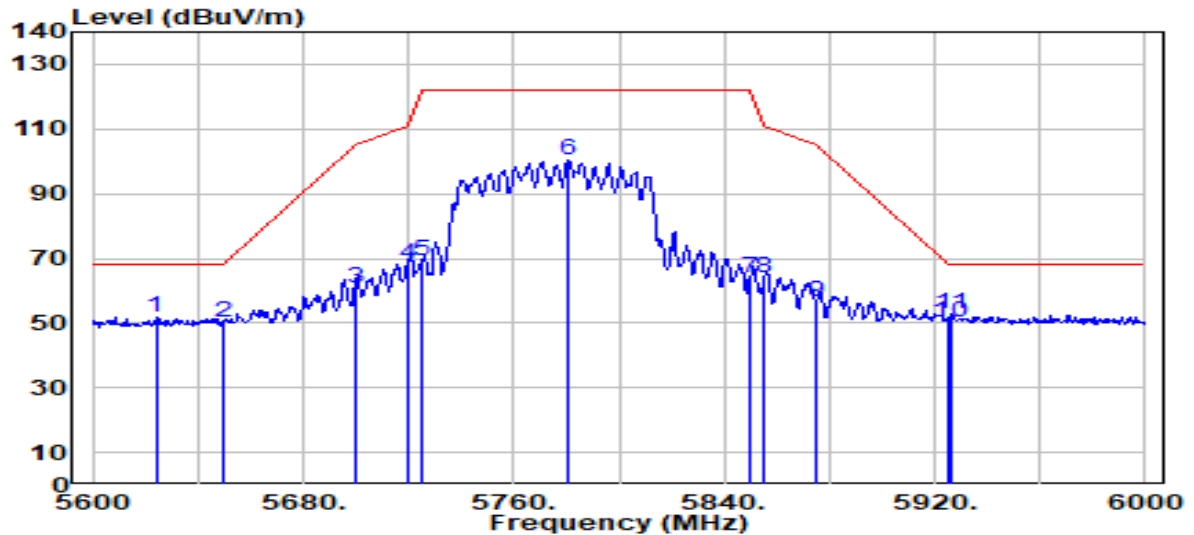


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5457.180	54.69	-0.88	53.81	-0.19	54.00	189	0	Average
2	5460.000	48.42	-0.87	47.55	-6.45	54.00	189	0	Average
3	5470.000	50.89	-0.84	50.05	N/A	N/A	189	0	Average
4	5532.160	106.01	-0.65	105.36	N/A	N/A	189	0	Average

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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz



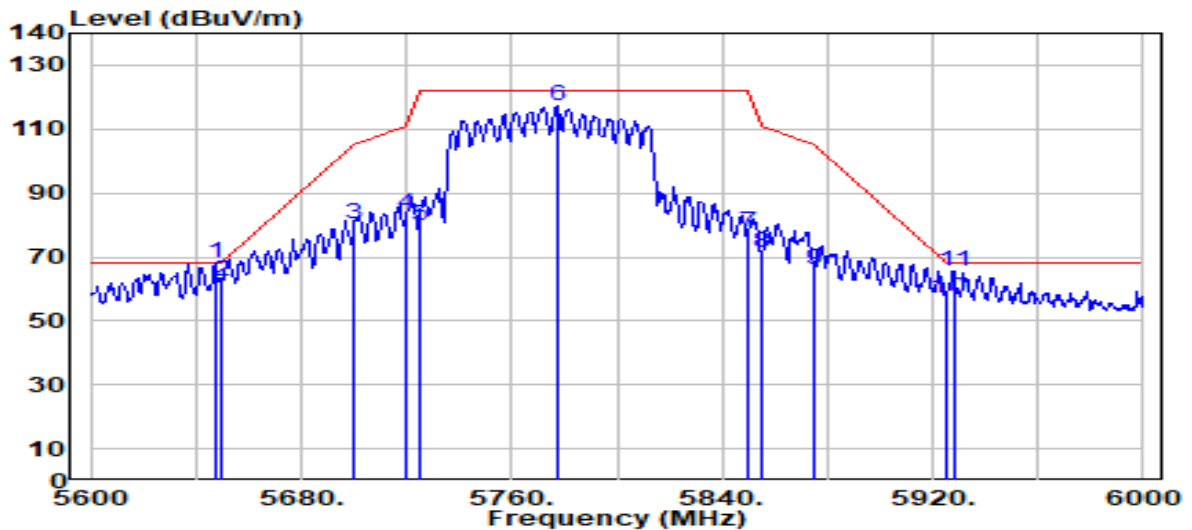
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5624.000	52.22	-0.30	51.92	-16.28	68.20	100	343	Peak
2	5650.000	50.51	-0.16	50.35	-17.85	68.20	100	343	Peak
3	5700.000	60.77	0.10	60.87	-44.33	105.20	100	343	Peak
4	5720.000	67.83	0.20	68.03	-42.77	110.80	100	343	Peak
5	5725.000	69.15	0.23	69.38	-52.82	122.20	100	343	Peak
6	5780.400	99.59	0.52	100.11	N/A	N/A	100	343	Peak
7	5850.000	63.56	0.58	64.14	-58.06	122.20	100	343	Peak
8	5855.000	63.28	0.58	63.87	-46.93	110.80	100	343	Peak
9	5875.000	55.87	0.57	56.44	-48.76	105.20	100	343	Peak
10	5925.000	49.92	0.53	50.44	-17.76	68.20	100	343	Peak
11 *	5926.400	52.53	0.53	53.05	-15.15	68.20	100	343	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

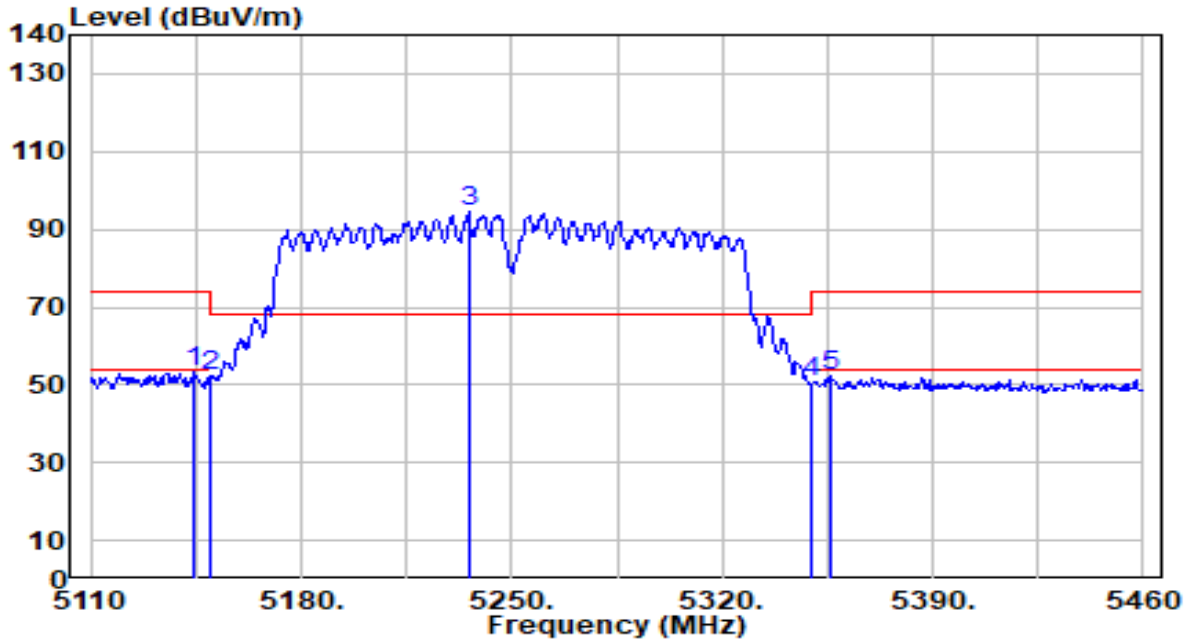


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5647.600	68.27	-0.18	68.09	-0.11	68.20	200	2	Peak
2	5650.000	62.32	-0.16	62.15	-6.05	68.20	200	2	Peak
3	5700.000	80.39	0.10	80.49	-24.71	105.20	200	2	Peak
4	5720.000	83.20	0.20	83.40	-27.40	110.80	200	2	Peak
5	5725.000	79.46	0.23	79.69	-42.51	122.20	200	2	Peak
6	5777.200	116.66	0.50	117.16	N/A	N/A	200	2	Peak
7	5850.000	76.88	0.58	77.47	-44.73	122.20	200	2	Peak
8	5855.000	70.77	0.58	71.35	-39.45	110.80	200	2	Peak
9	5875.000	65.71	0.57	66.28	-38.92	105.20	200	2	Peak
10	5925.000	56.43	0.53	56.96	-11.24	68.20	200	2	Peak
11	5928.000	64.83	0.52	65.35	-2.85	68.20	200	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

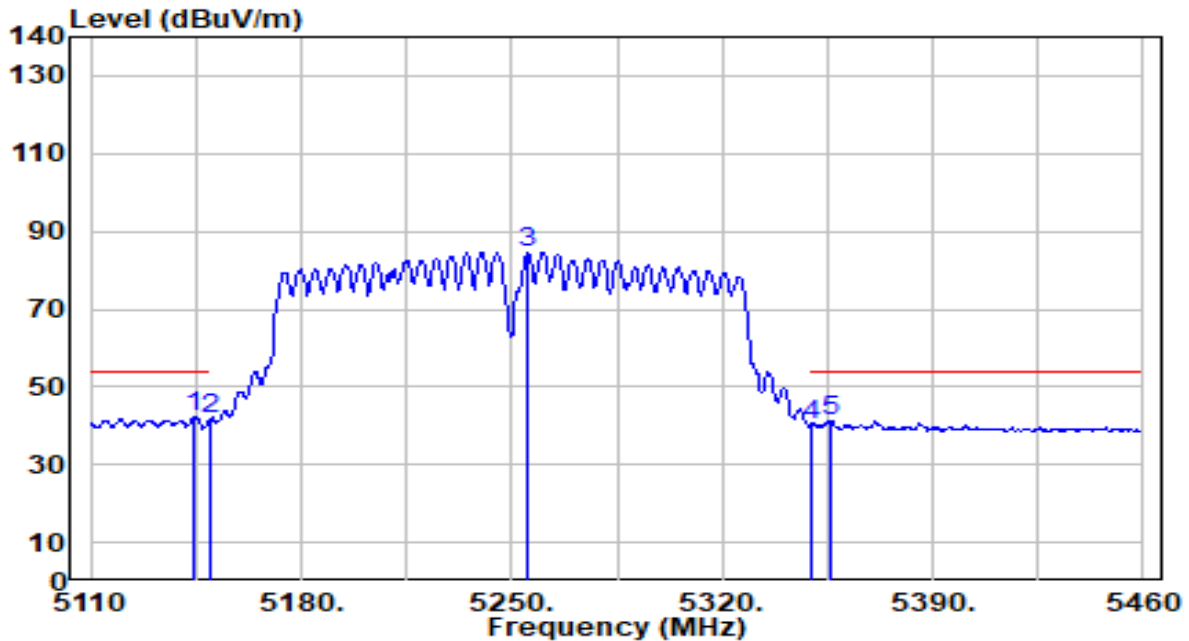


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.650	-0.72	53.28	-20.72	74.00	100	147	Peak
2		5150.000	-0.72	52.41	-21.59	74.00	100	147	Peak
3		5235.650	-0.80	94.32	N/A	N/A	100	147	Peak
4		5350.000	-0.97	50.62	-23.38	74.00	100	147	Peak
5		5356.050	-0.98	52.04	-21.96	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

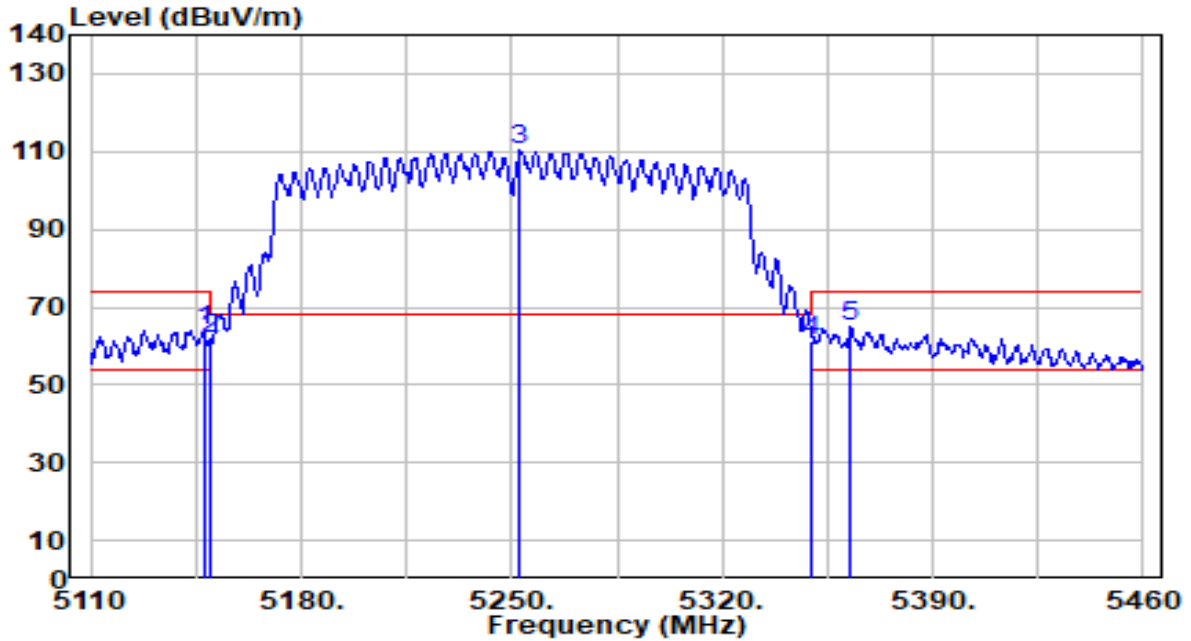


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5144.300	43.16	-0.72	42.45	-11.55	54.00	100	147	Average
2		5150.000	42.26	-0.72	41.55	-12.45	54.00	100	147	Average
3		5255.250	85.37	-0.83	84.54	N/A	N/A	100	147	Average
4		5350.000	41.25	-0.97	40.28	-13.72	54.00	100	147	Average
5		5355.700	42.33	-0.98	41.34	-12.66	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

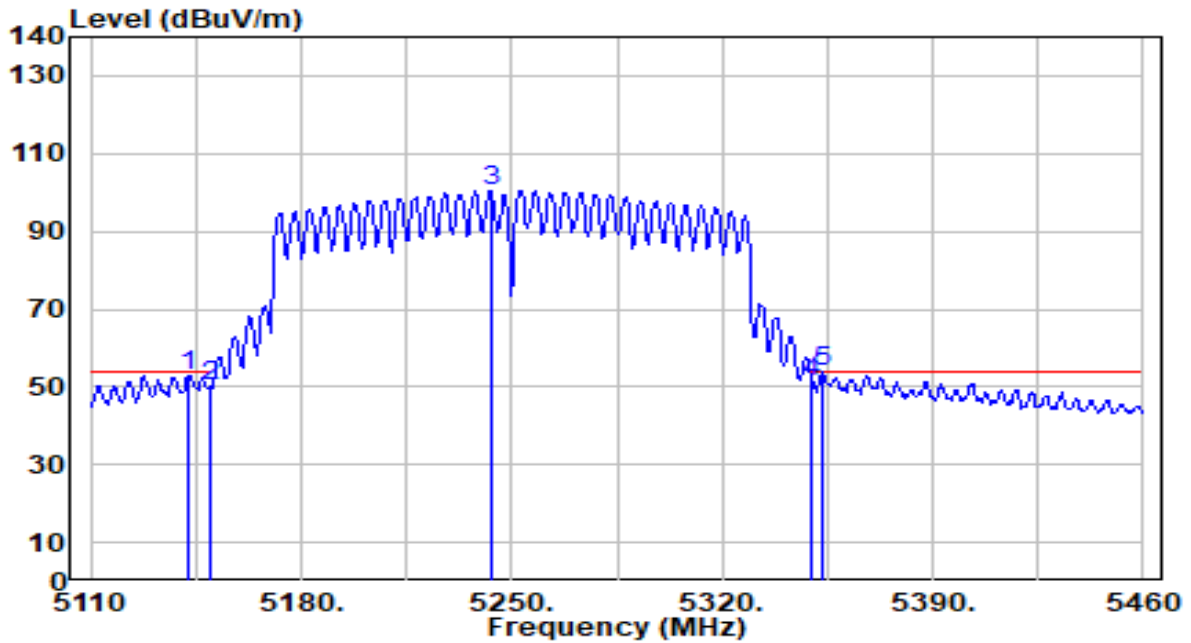


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5147.800	64.83	-0.72	64.11	-9.89	74.00	200	151	Peak
2	5150.000	62.58	-0.72	61.86	-12.14	74.00	200	151	Peak
3	5252.800	111.00	-0.82	110.18	N/A	N/A	200	151	Peak
4	5350.000	62.36	-0.97	61.38	-12.62	74.00	200	151	Peak
5	* 5362.700	65.81	-0.99	64.82	-9.18	74.00	200	151	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

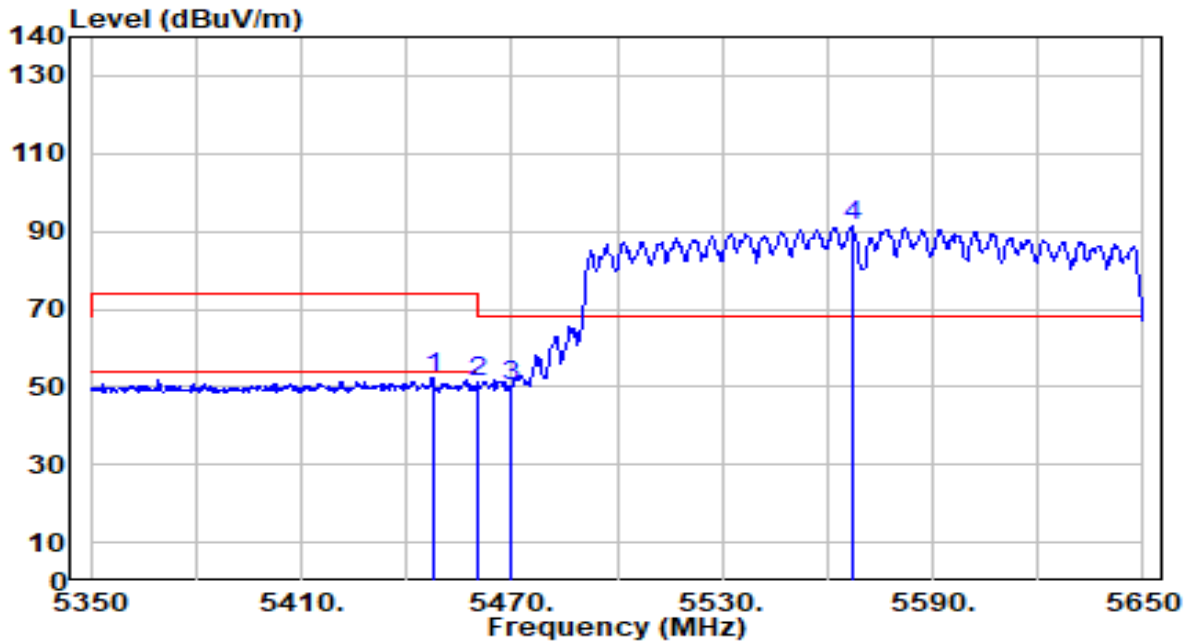


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5142.550	53.76	-0.71	53.04	-0.96	54.00	200	151	Average
2	5150.000	50.78	-0.72	50.06	-3.94	54.00	200	151	Average
3	5243.000	101.37	-0.81	100.57	N/A	N/A	200	151	Average
4	5350.000	51.99	-0.97	51.02	-2.98	54.00	200	151	Average
5	* 5353.600	54.84	-0.98	53.86	-0.14	54.00	200	151	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

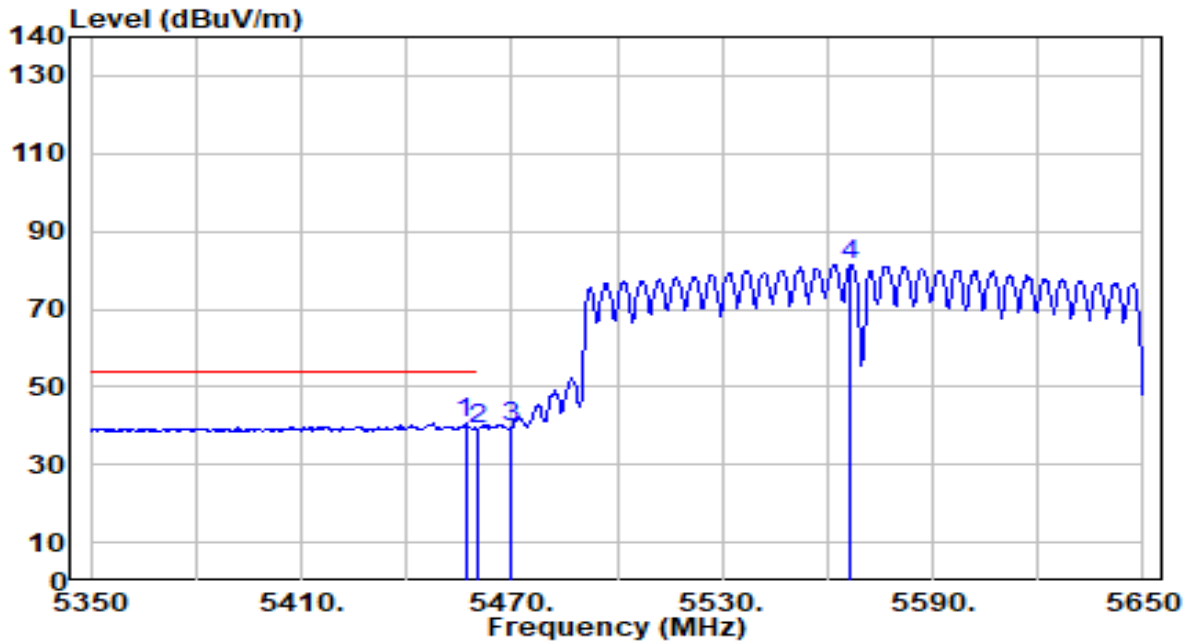


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5447.500	53.28	-0.91	52.38	-21.62	74.00	100	197	Peak
2	5460.000	52.22	-0.87	51.35	-22.65	74.00	100	197	Peak
3	* 5470.000	50.89	-0.84	50.05	-18.15	68.20	100	197	Peak
4	5566.900	92.02	-0.53	91.49	N/A	N/A	100	197	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

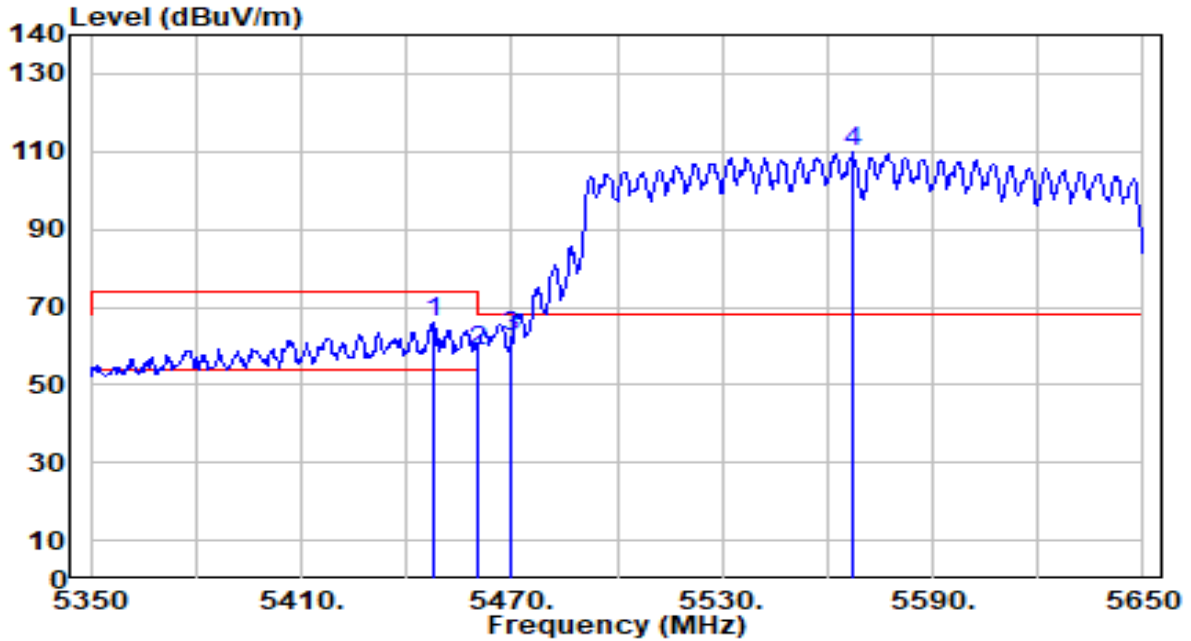


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5456.800	41.53	-0.88	40.65	-13.35	54.00	100	197	Average
2		5460.000	40.12	-0.87	39.25	-14.75	54.00	100	197	Average
3		5470.000	40.34	-0.84	39.51	N/A	N/A	100	197	Average
4		5566.600	82.02	-0.53	81.49	N/A	N/A	100	197	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz



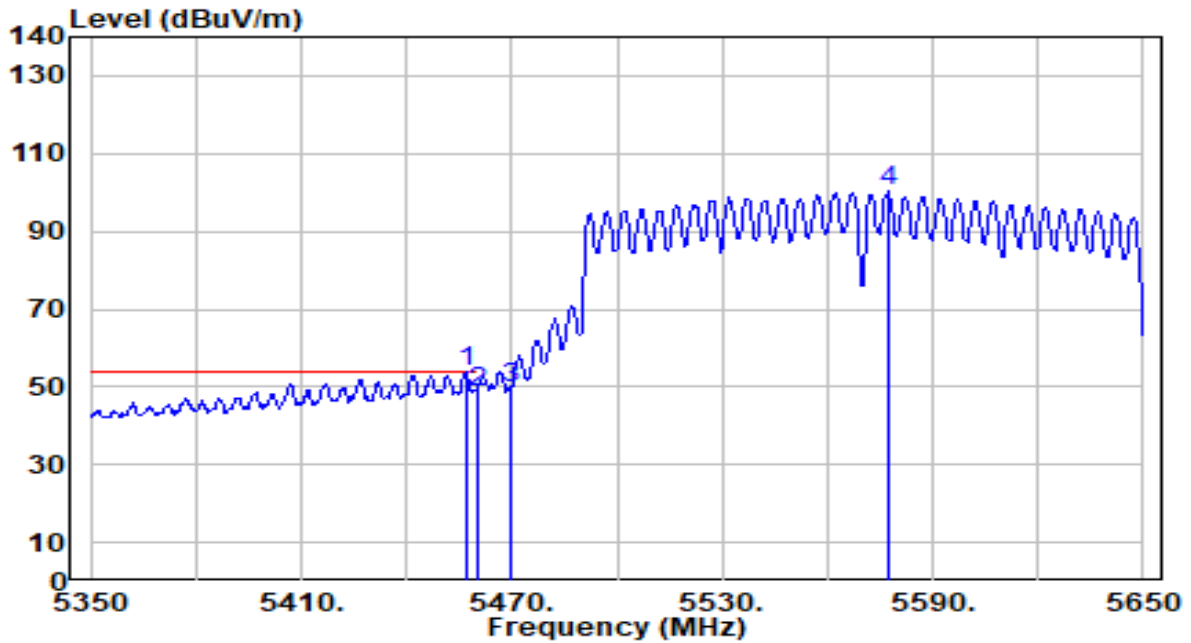
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5447.800	67.13	-0.91	66.23	-7.77	74.00	189	2	Peak
2	5460.000	59.77	-0.87	58.90	-15.10	74.00	189	2	Peak
3	* 5470.000	63.23	-0.84	62.39	-5.81	68.20	189	2	Peak
4	5567.200	110.17	-0.53	109.64	N/A	N/A	189	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

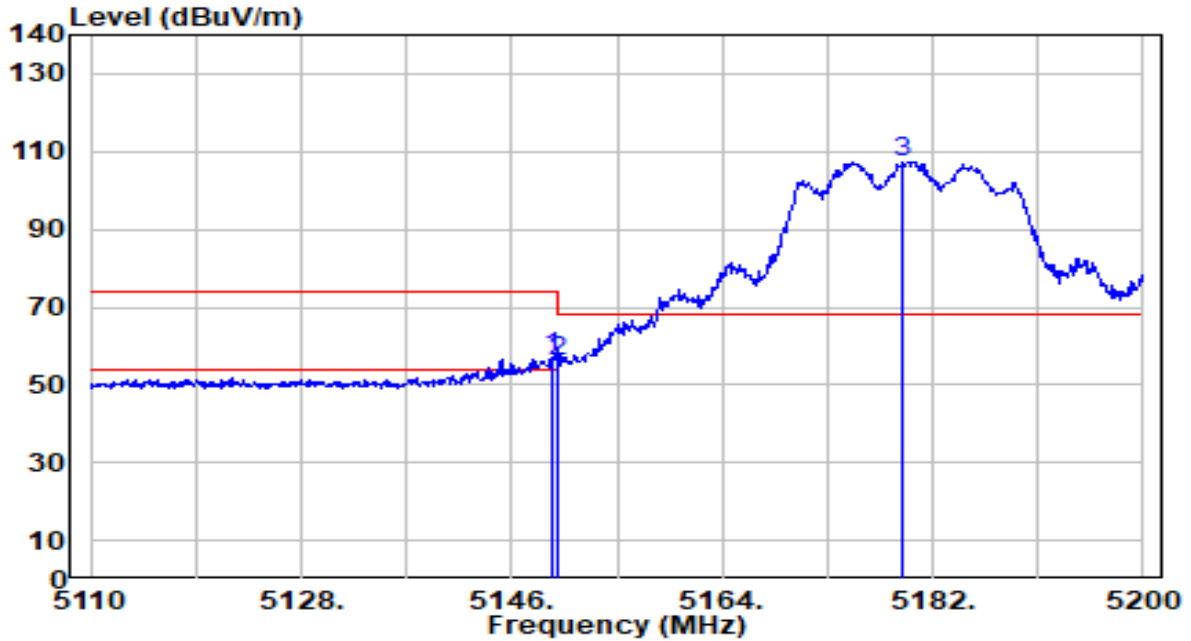


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	54.74	-0.88	53.86	-0.14	54.00	189	2	Average
2		49.55	-0.87	48.68	-5.32	54.00	189	2	Average
3		50.56	-0.84	49.72	N/A	N/A	189	2	Average
4		100.76	-0.50	100.26	N/A	N/A	189	2	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

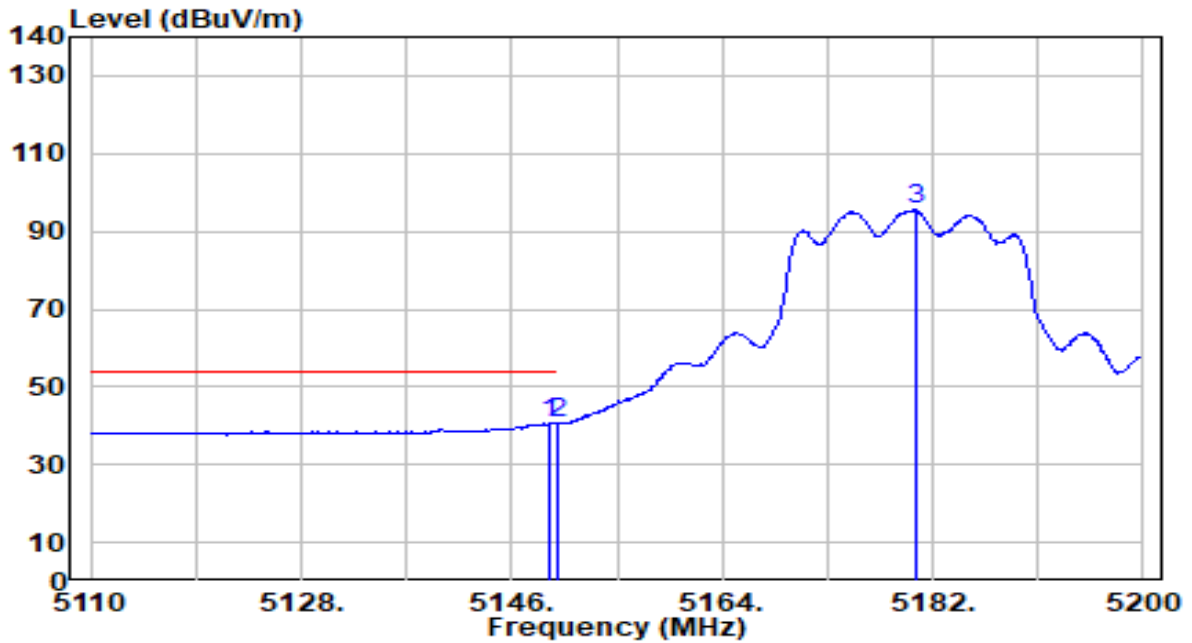


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	57.76	-0.72	57.05	-16.95	74.00	107	147	Peak
2		56.46	-0.72	55.75	-18.25	74.00	107	147	Peak
3		108.18	-0.73	107.45	N/A	N/A	107	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

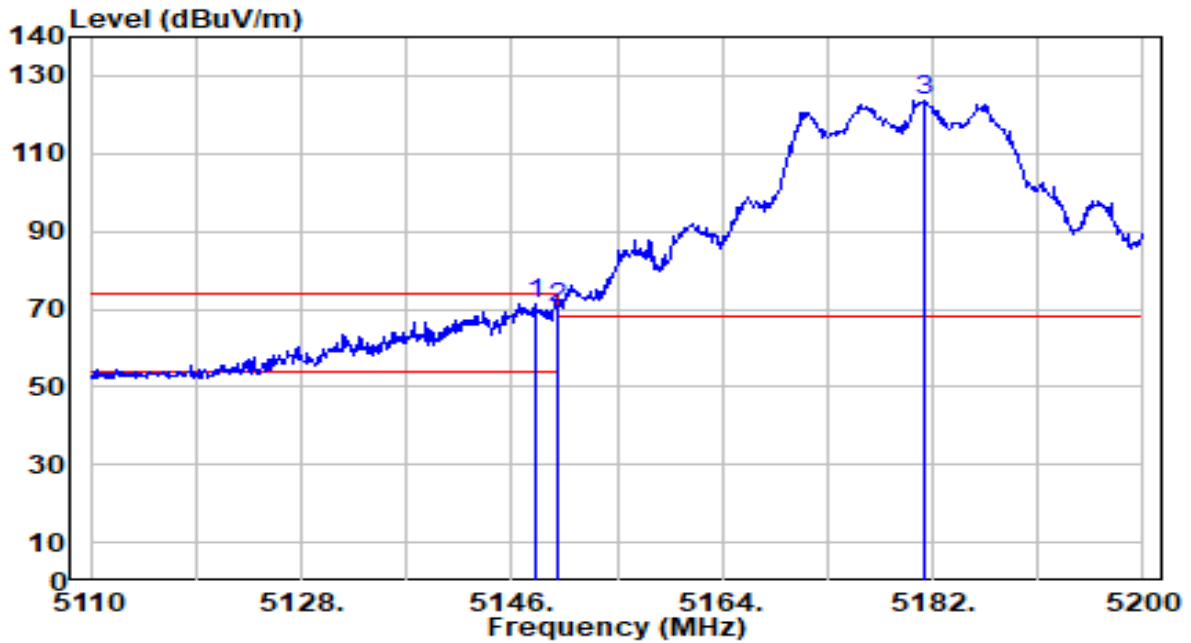


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.330	41.25	-0.72	40.54	-13.46	54.00	107	147	Average
2	* 5150.000	41.31	-0.72	40.59	-13.41	54.00	107	147	Average
3	5180.560	96.16	-0.73	95.42	N/A	N/A	107	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

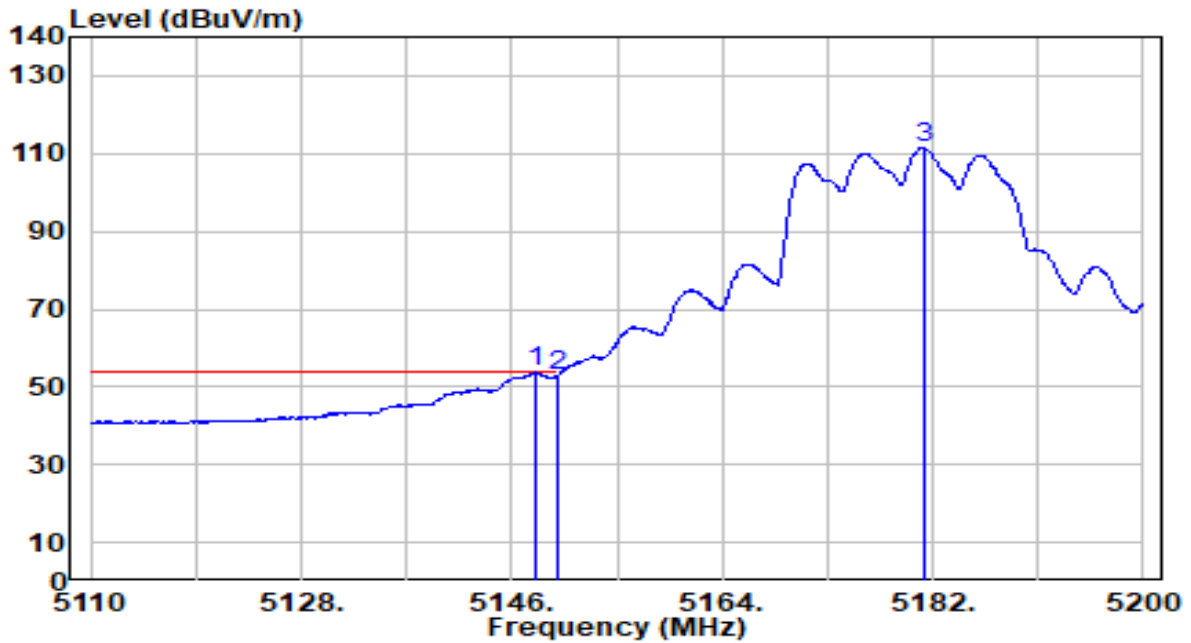


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5148.070	72.28	-0.72	71.56	-2.44	74.00	200	42	Peak
2		5150.000	71.06	-0.72	70.35	-3.65	74.00	200	42	Peak
3		5181.280	124.35	-0.73	123.62	N/A	N/A	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1+2	Test Voltage	AC 120V/60Hz

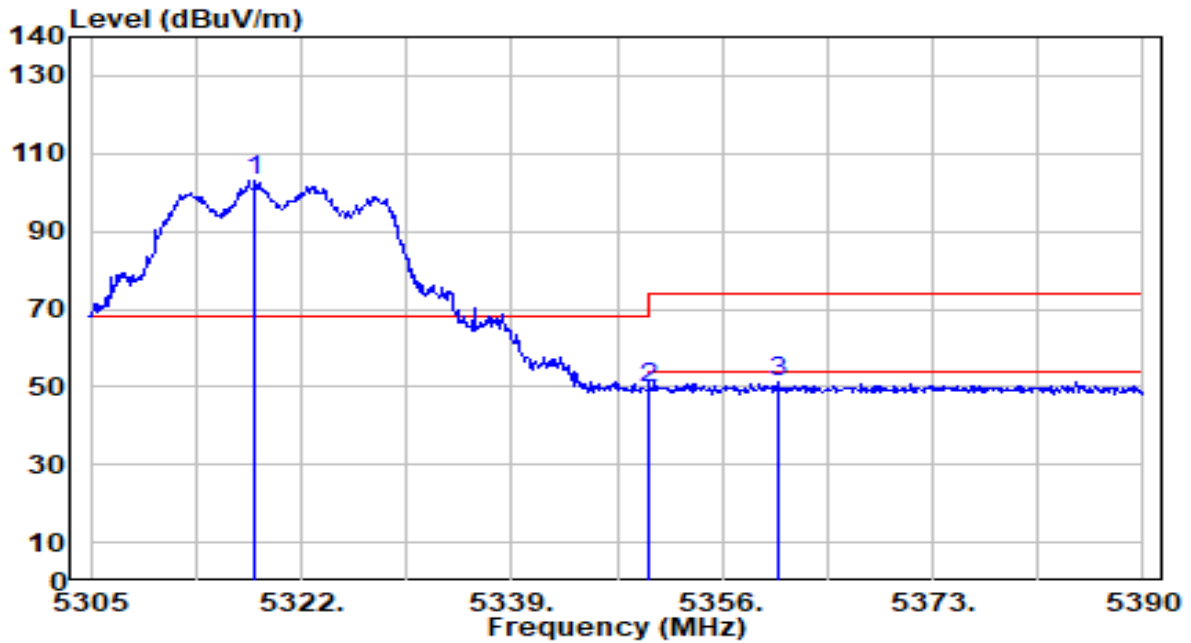


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	54.57	-0.72	53.85	-0.15	54.00	200	42	Average
2		53.69	-0.72	52.98	-1.02	54.00	200	42	Average
3		112.26	-0.73	111.52	N/A	N/A	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

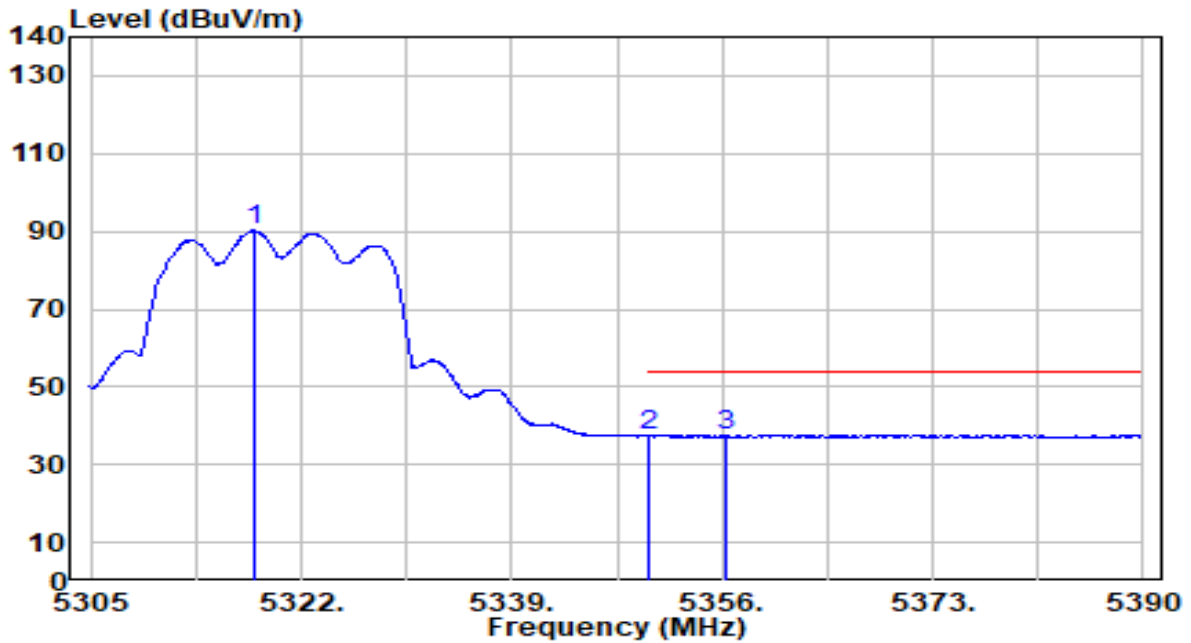


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.300	103.84	-0.92	102.92	N/A	N/A	100	147	Peak
2	5350.000	50.46	-0.97	49.49	-24.51	74.00	100	147	Peak
3	* 5360.500	52.17	-0.99	51.19	-22.81	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

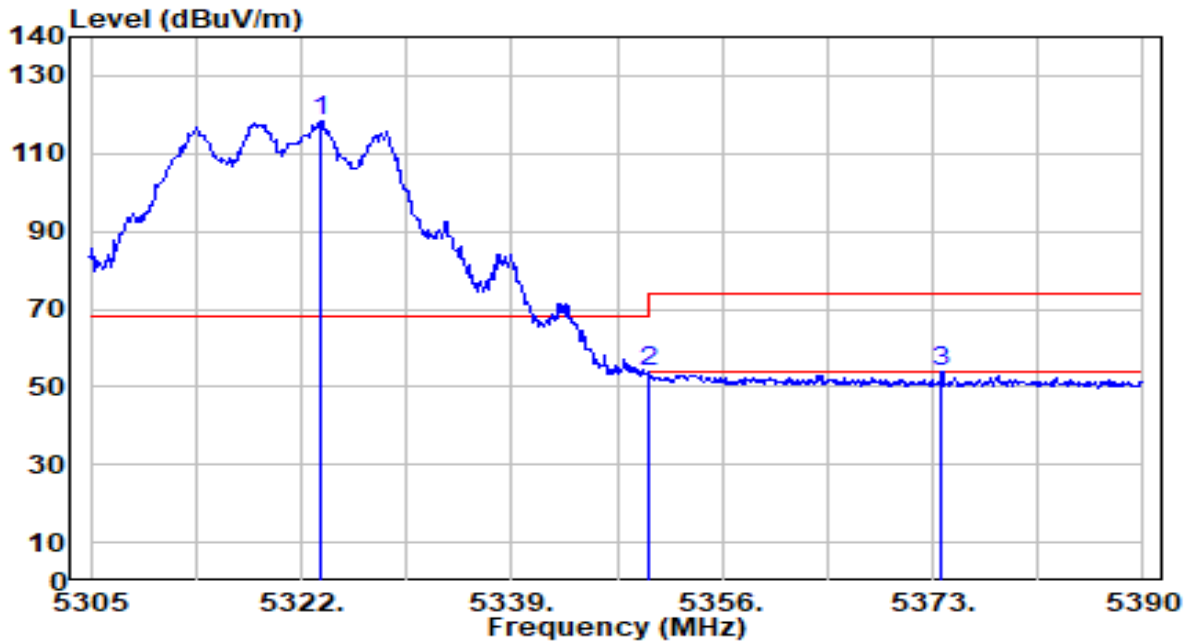


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.300	91.08	-0.92	90.16	N/A	N/A	100	147	Average
2	5350.000	38.24	-0.97	37.26	-16.74	54.00	100	147	Average
3	* 5356.200	38.55	-0.98	37.57	-16.43	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz



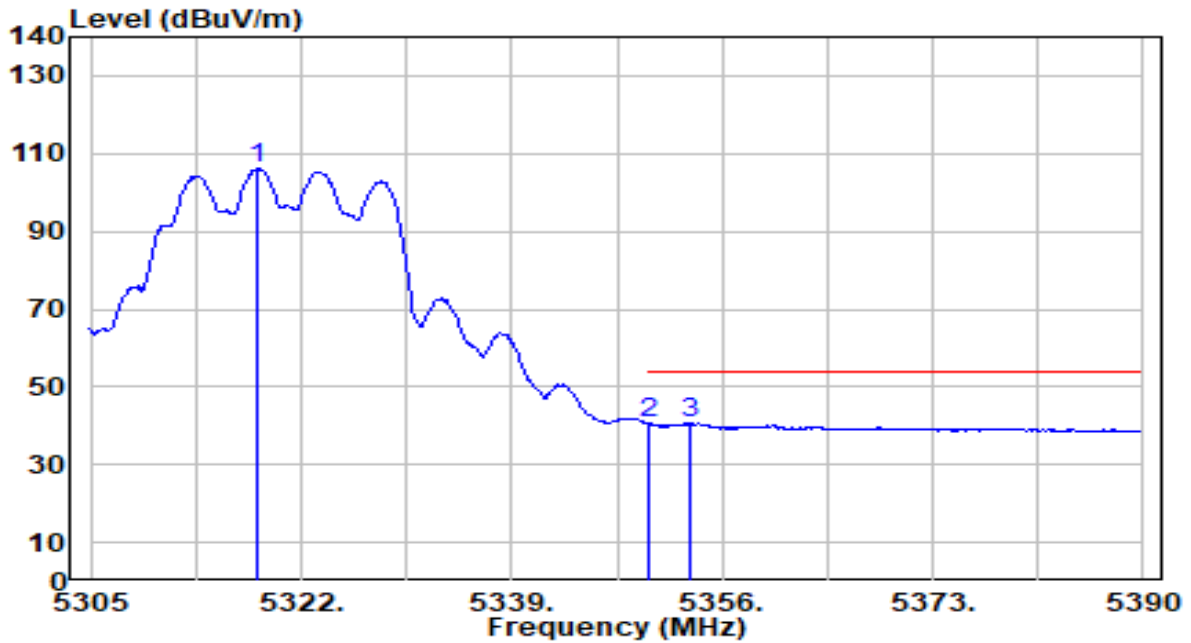
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5323.500	119.52	-0.93	118.59	N/A	N/A	200	42	Peak
2	* 5350.000	54.72	-0.97	53.75	-20.25	74.00	200	42	Peak
3	5373.700	54.69	-1.01	53.68	-20.32	74.00	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band2_CH 64_ANT 0+1+2	Test Voltage	AC 120V/60Hz

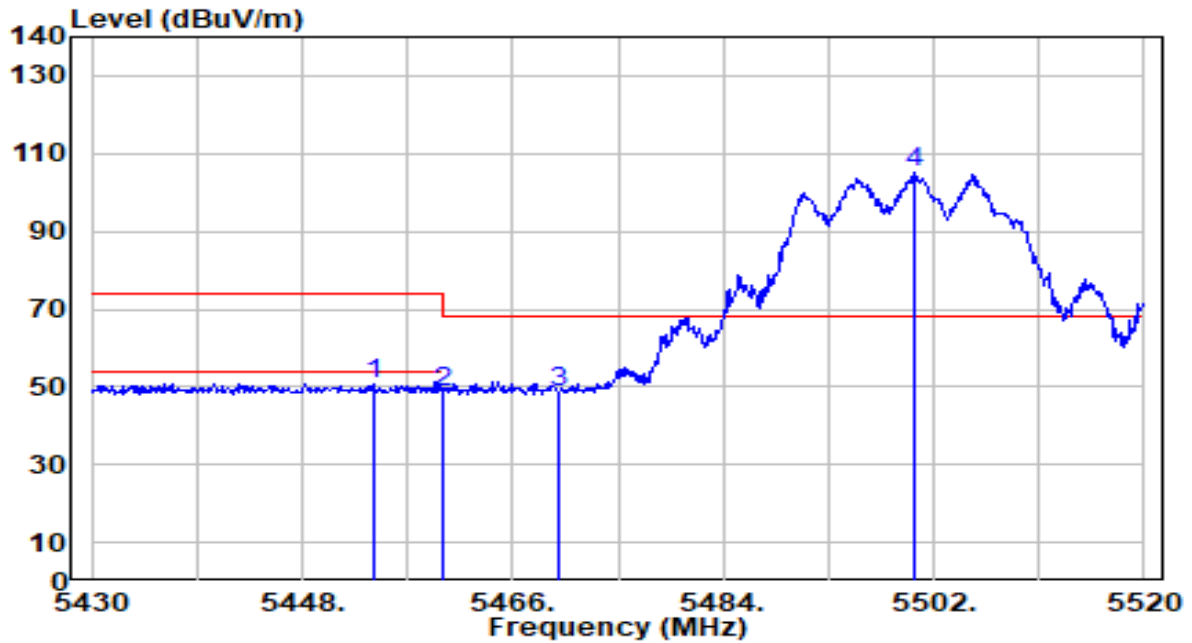


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.500	106.97	-0.92	106.05	N/A	N/A	200	42	Average
2	5350.000	41.45	-0.97	40.48	-13.52	54.00	200	42	Average
3	* 5353.400	41.56	-0.98	40.58	-13.42	54.00	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

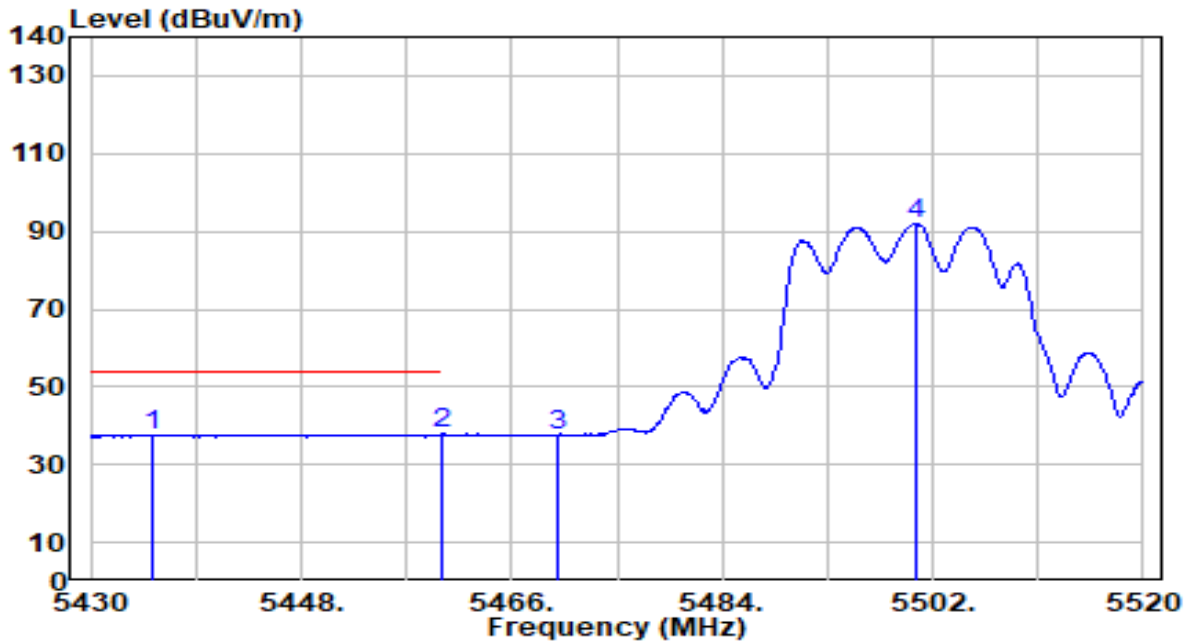


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5454.030	51.80	-0.89	50.91	-23.09	74.00	121	212	Peak
2	5460.000	49.60	-0.87	48.73	-25.27	74.00	121	212	Peak
3	* 5470.000	49.68	-0.84	48.84	-19.36	68.20	121	212	Peak
4	5500.380	105.68	-0.75	104.93	N/A	N/A	121	212	Peak

Note:

- " \*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

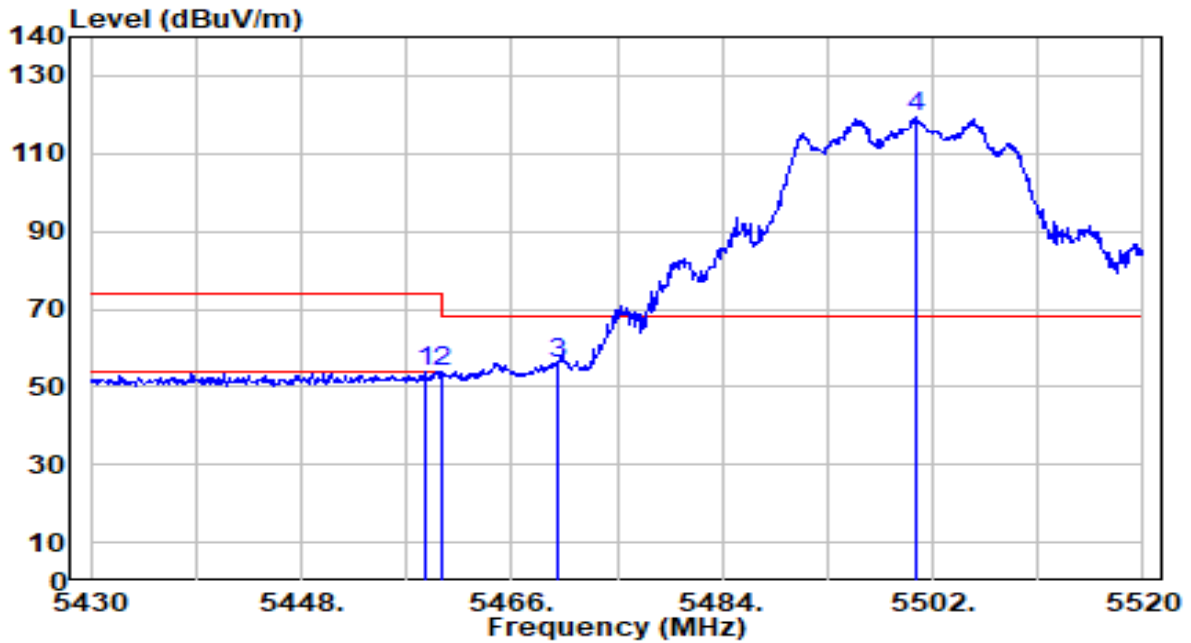


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5435.220	38.70	-0.94	37.75	-16.25	54.00	121	212	Average
2	* 5460.000	38.74	-0.87	37.87	-16.13	54.00	121	212	Average
3	5470.000	38.58	-0.84	37.74	N/A	N/A	121	212	Average
4	5500.560	92.92	-0.75	92.17	N/A	N/A	121	212	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

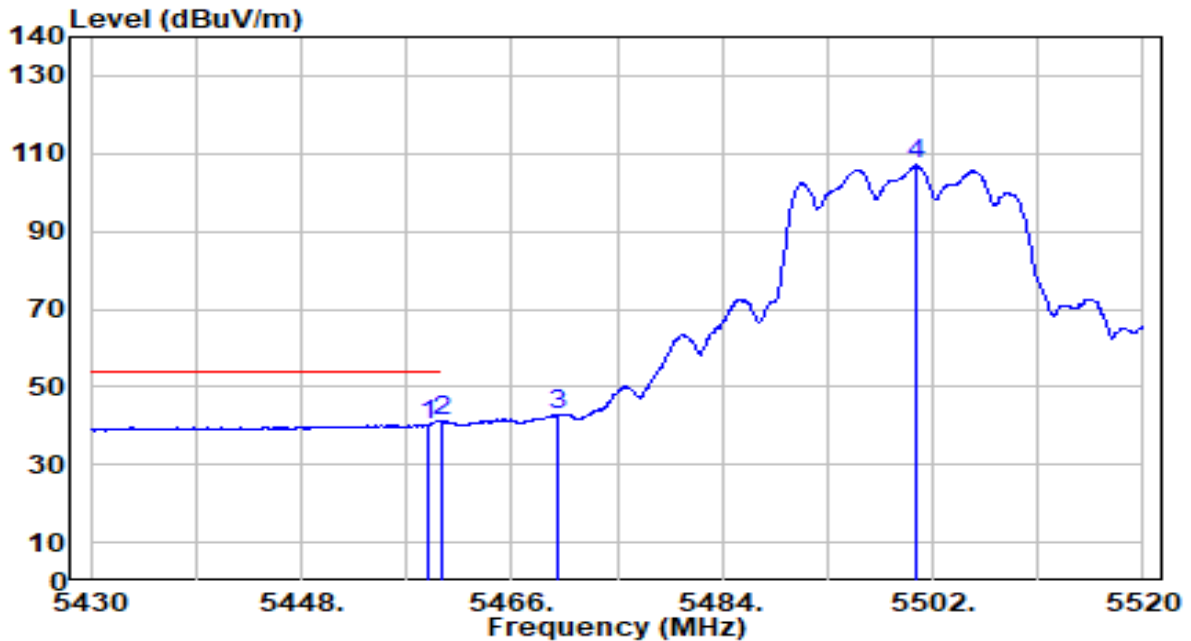


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.710	54.56	-0.87	53.68	-20.32	74.00	200	33	Peak
2	5460.000	54.59	-0.87	53.72	-20.28	74.00	200	33	Peak
3	* 5470.000	56.86	-0.84	56.02	-12.18	68.20	200	33	Peak
4	5500.560	120.14	-0.75	119.39	N/A	N/A	200	33	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 100_ANT 0+1+2	Test Voltage	AC 120V/60Hz

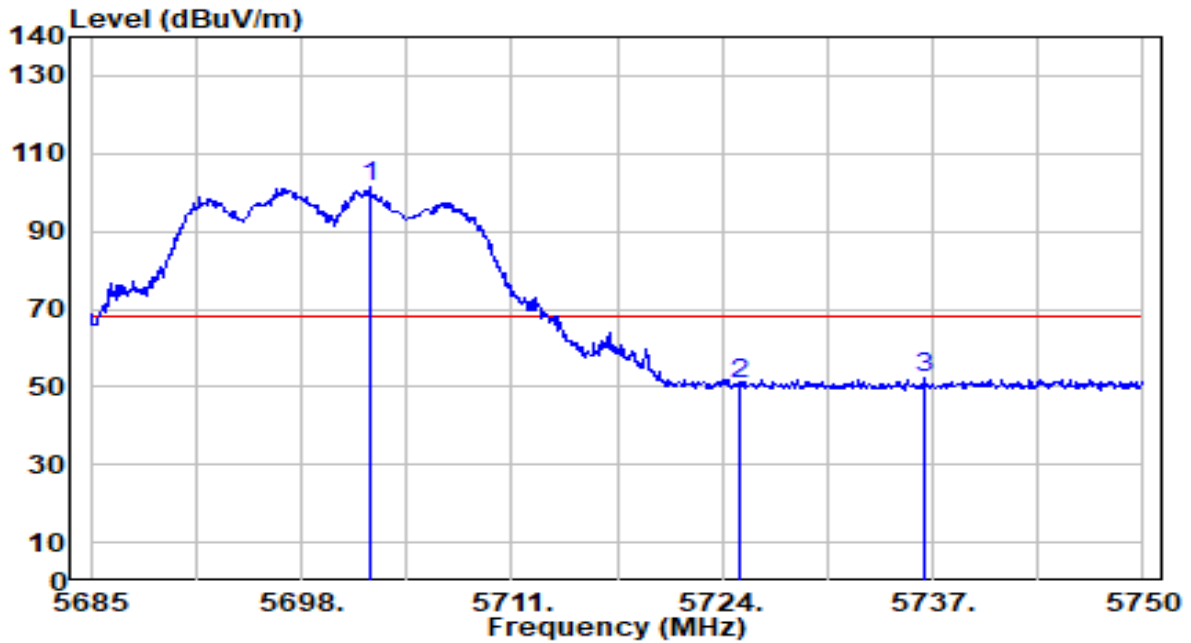


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.890	41.16	-0.87	40.28	-13.72	54.00	200	33	Average
2	* 5460.000	42.19	-0.87	41.32	-12.68	54.00	200	33	Average
3	5470.000	43.69	-0.84	42.85	N/A	N/A	200	33	Average
4	5500.560	107.79	-0.75	107.05	N/A	N/A	200	33	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

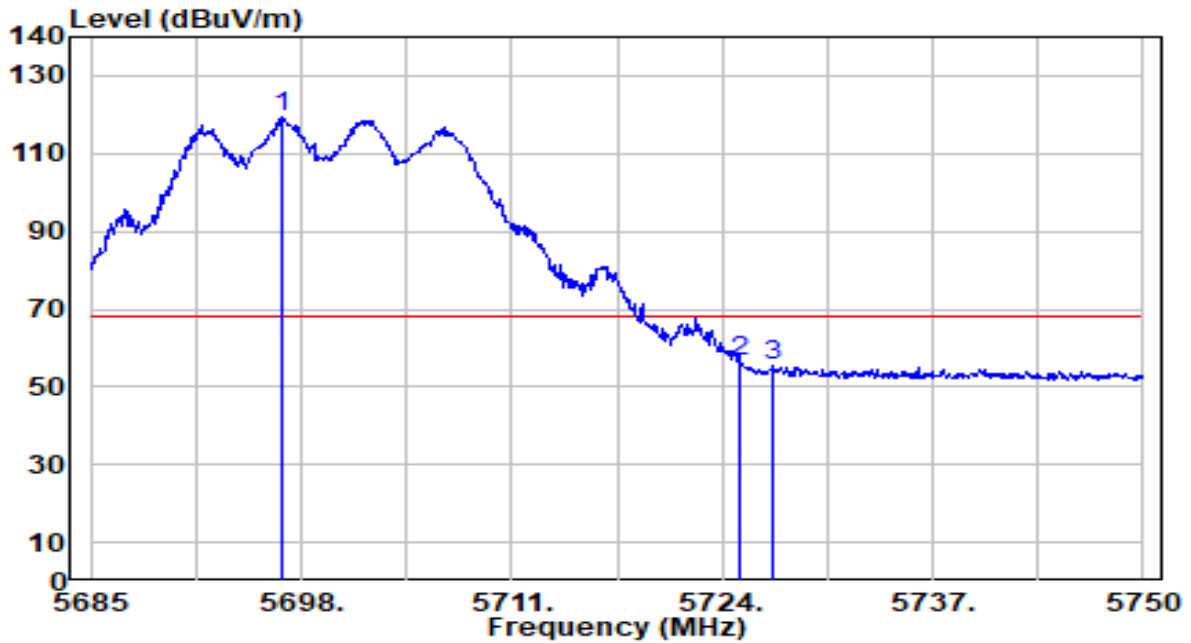


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5702.225	101.22	0.11	101.33	N/A	N/A	110	197	Peak
2	5725.000	50.55	0.23	50.78	-17.42	68.20	110	197	Peak
3	* 5736.415	52.01	0.29	52.30	-15.90	68.20	110	197	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band3_CH 140_ANT 0+1+2	Test Voltage	AC 120V/60Hz

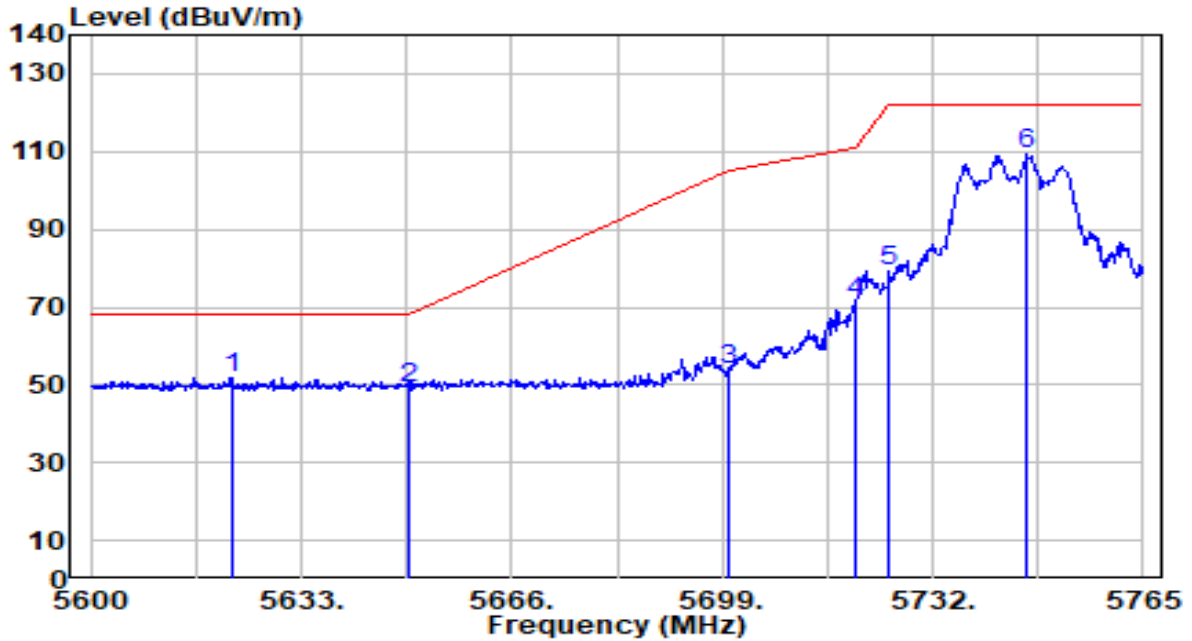


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5696.830	119.36	0.08	119.44	N/A	N/A	200	2	Peak
2	* 5725.000	56.48	0.23	56.71	-11.49	68.20	200	2	Peak
3	5727.185	55.14	0.24	55.38	-12.82	68.20	200	2	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz



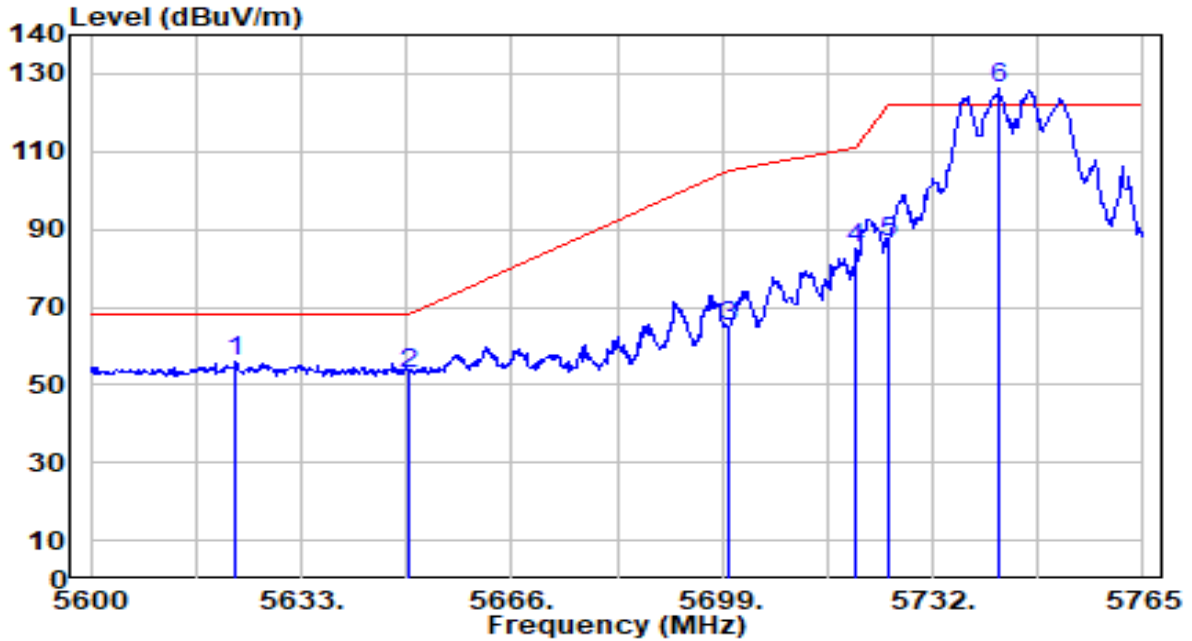
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5622.110	51.98	-0.31	51.67	-16.53	68.20	100	325	Peak
2		5650.000	49.27	-0.16	49.11	-19.09	68.20	100	325	Peak
3		5700.000	53.71	0.10	53.81	-51.39	105.20	100	325	Peak
4		5720.000	71.28	0.20	71.48	-39.32	110.80	100	325	Peak
5		5725.000	78.75	0.23	78.98	-43.22	122.20	100	325	Peak
6		5746.850	108.89	0.34	109.23	N/A	N/A	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) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1+2	Test Voltage	AC 120V/60Hz

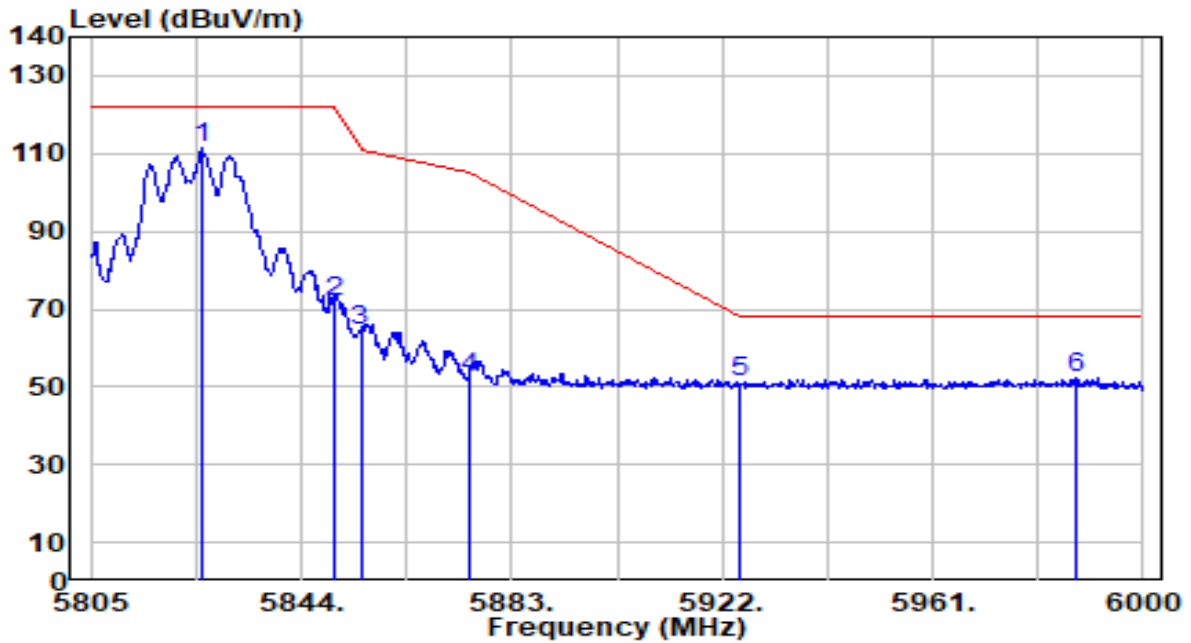


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	56.41	-0.31	56.10	-12.10	68.20	200	2	Peak
2		53.09	-0.16	52.93	-15.27	68.20	200	2	Peak
3		64.85	0.10	64.95	-40.25	105.20	200	2	Peak
4		84.65	0.20	84.85	-25.95	110.80	200	2	Peak
5		86.18	0.23	86.41	-35.79	122.20	200	2	Peak
6		125.75	0.32	126.07	N/A	N/A	200	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) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

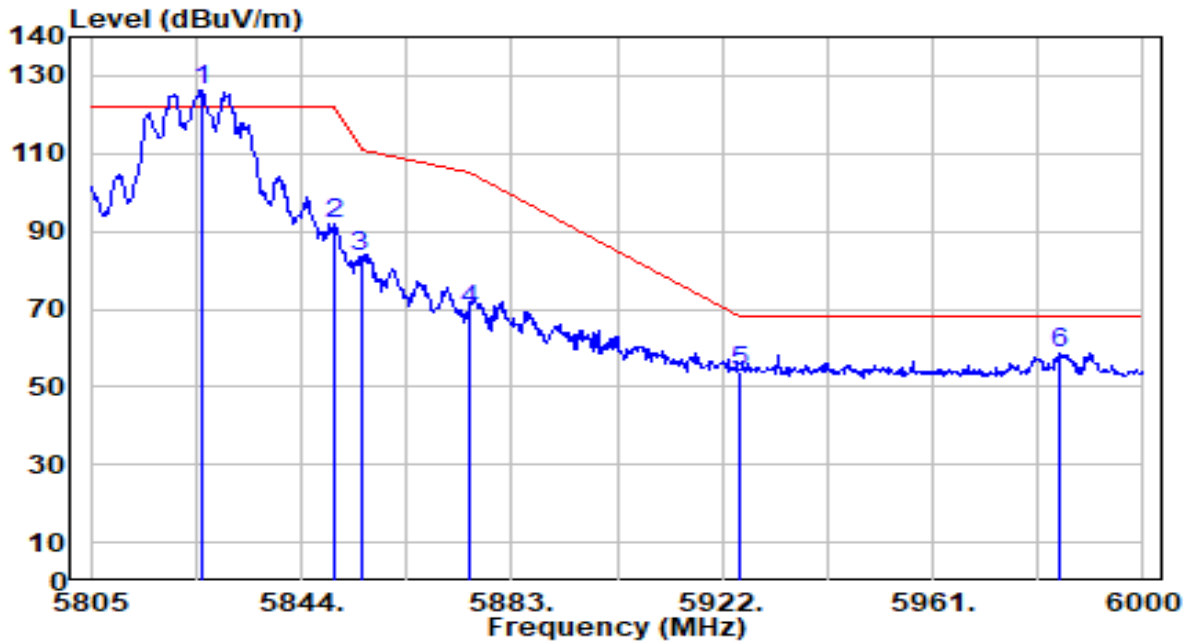


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5825.670	111.00	0.60	111.61	N/A	N/A	115	343	Peak
2	5850.000	71.32	0.58	71.91	-50.29	122.20	115	343	Peak
3	5855.000	63.94	0.58	64.52	-46.28	110.80	115	343	Peak
4	5875.000	51.69	0.57	52.25	-52.95	105.20	115	343	Peak
5	5925.000	50.48	0.53	51.01	-17.19	68.20	115	343	Peak
6	* 5987.520	51.95	0.48	52.43	-15.77	68.20	115	343	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1+2	Test Voltage	AC 120V/60Hz

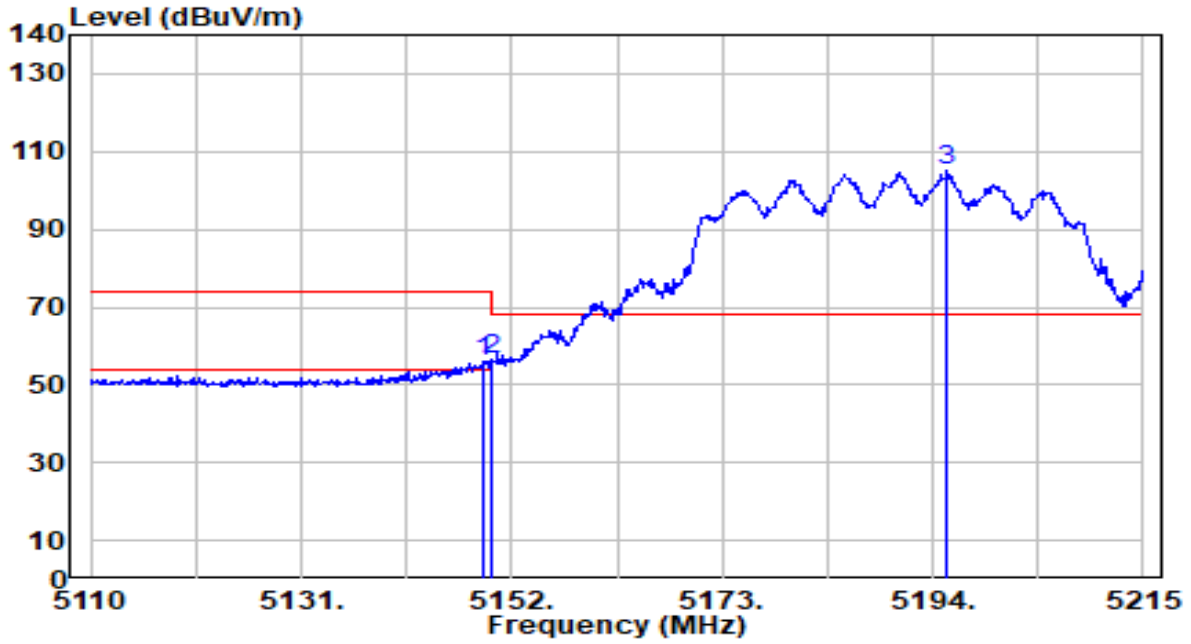


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5825.670	125.63	0.60	126.23	N/A	N/A	200	14	Peak
2	5850.000	91.34	0.58	91.92	-30.28	122.20	200	14	Peak
3	5855.000	82.77	0.58	83.35	-27.45	110.80	200	14	Peak
4	5875.000	68.95	0.57	69.51	-35.69	105.20	200	14	Peak
5	5925.000	53.59	0.53	54.12	-14.08	68.20	200	14	Peak
6	* 5984.400	58.05	0.48	58.54	-9.66	68.20	200	14	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

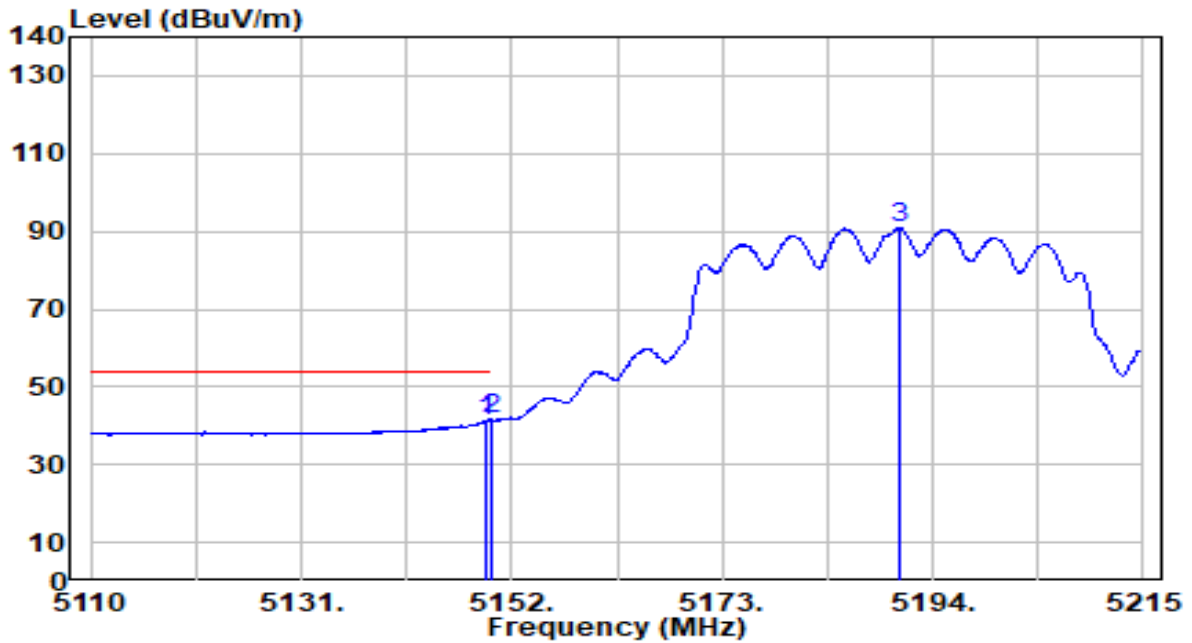


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.165	56.77	-0.72	56.05	-17.95	74.00	102	146	Peak
2	* 5150.000	57.35	-0.72	56.63	-17.37	74.00	102	146	Peak
3	5195.470	105.94	-0.74	105.20	N/A	N/A	102	146	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

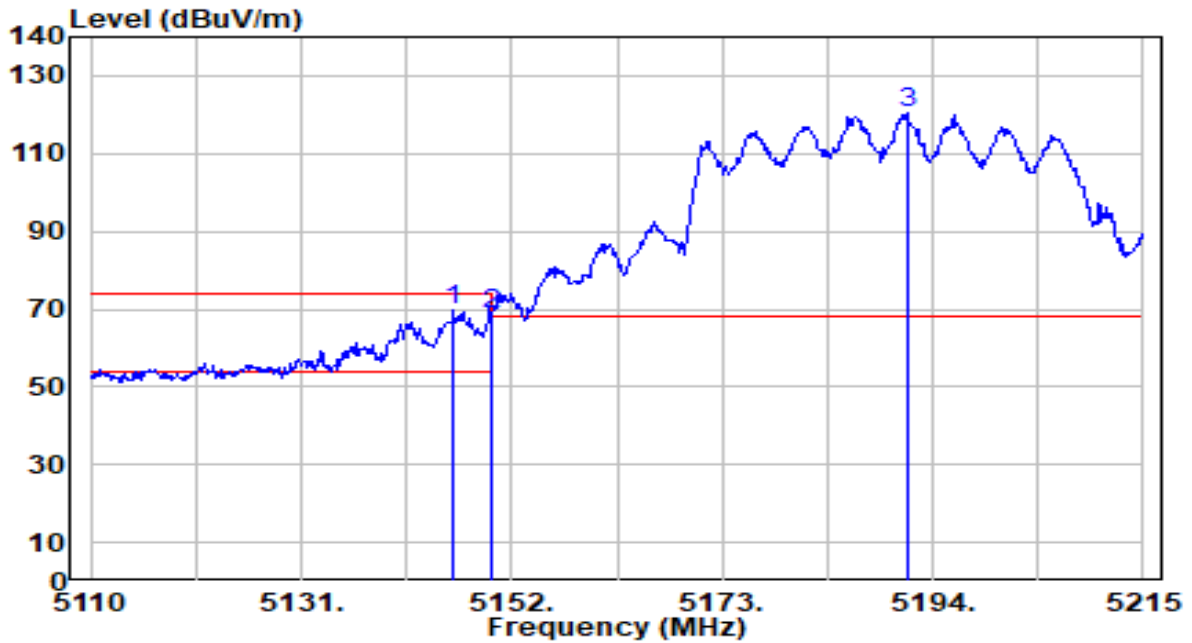


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.480	41.85	-0.72	41.13	-12.87	54.00	102	146	Average
2	* 5150.000	42.21	-0.72	41.49	-12.51	54.00	102	146	Average
3	5190.745	91.82	-0.74	91.08	N/A	N/A	102	146	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

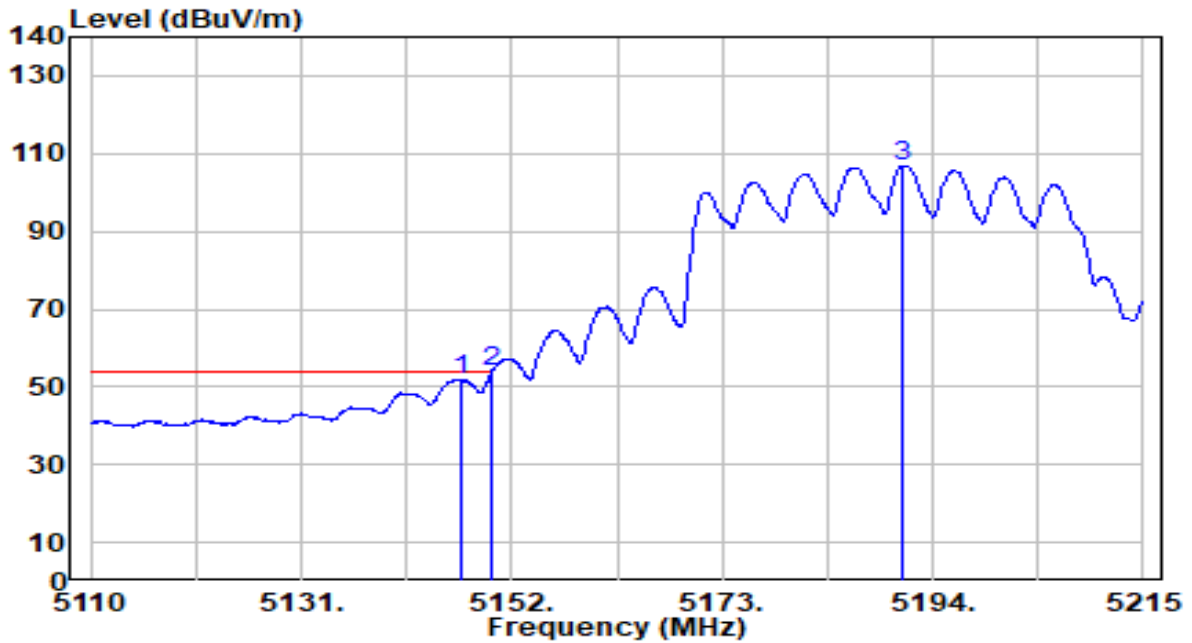


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5146.225	70.55	-0.72	69.83	-4.17	74.00	200	43	Peak
2		5150.000	69.15	-0.72	68.43	-5.57	74.00	200	43	Peak
3		5191.480	121.08	-0.74	120.34	N/A	N/A	200	43	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1+2	Test Voltage	AC 120V/60Hz

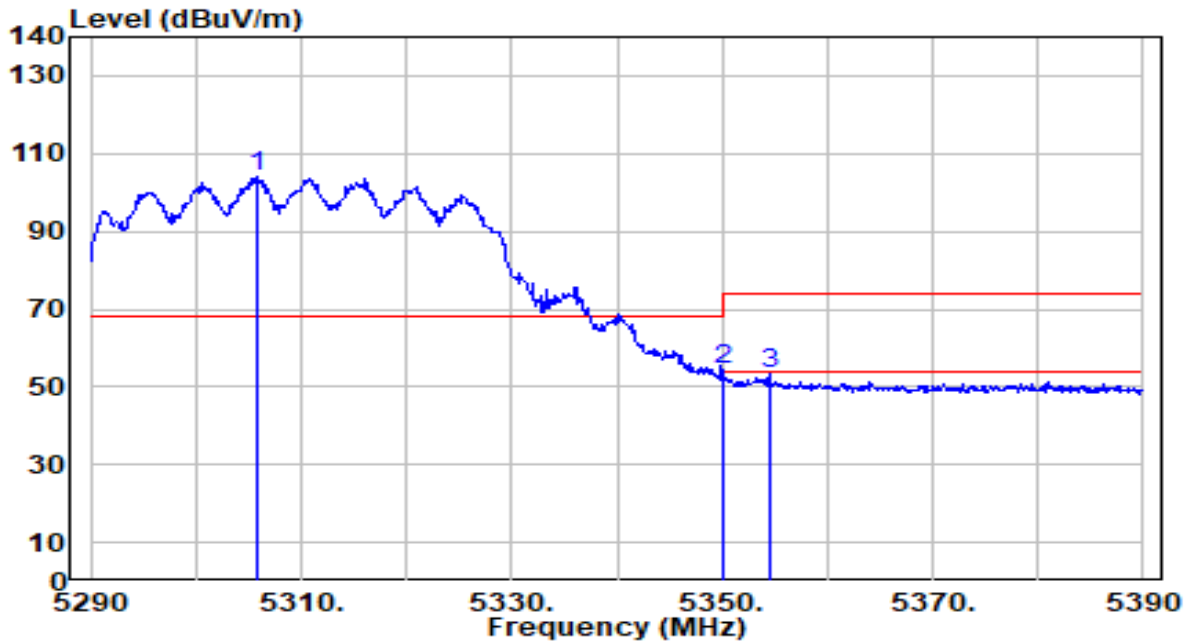


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5146.855	52.55	-0.72	51.84	-2.16	54.00	200	43	Average
2	* 5150.000	54.60	-0.72	53.88	-0.12	54.00	200	43	Average
3	5191.060	107.66	-0.74	106.92	N/A	N/A	200	43	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz



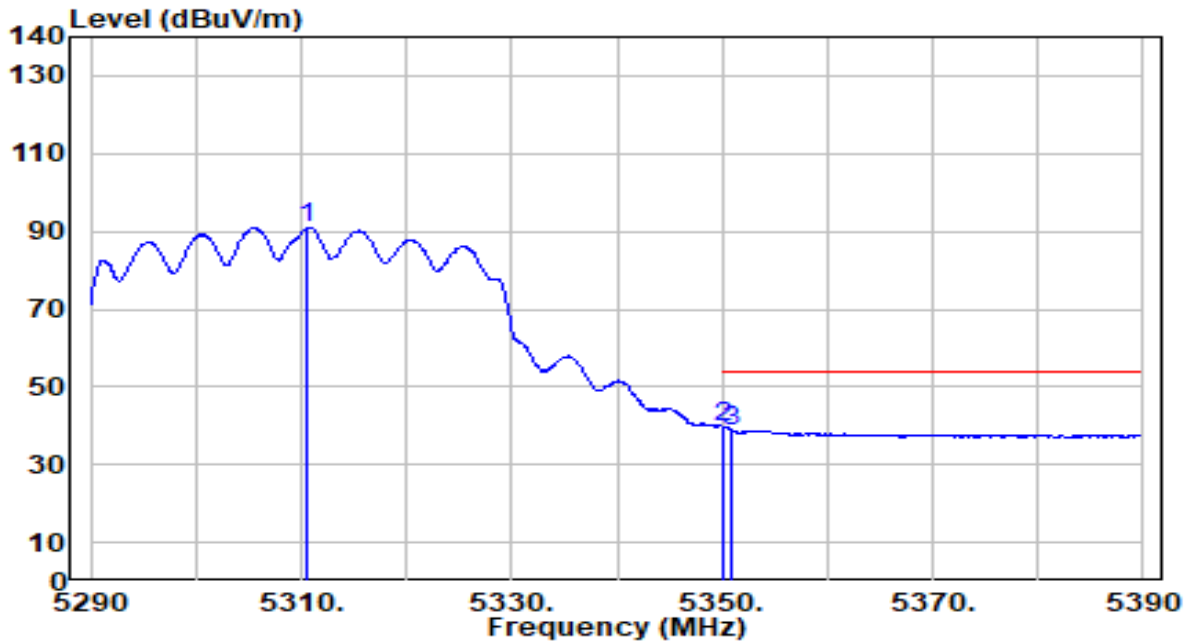
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5305.800	104.91	-0.90	104.01	N/A	N/A	105	147	Peak
2	* 5350.000	55.38	-0.97	54.41	-19.59	74.00	105	147	Peak
3	5354.500	54.48	-0.98	53.50	-20.50	74.00	105	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

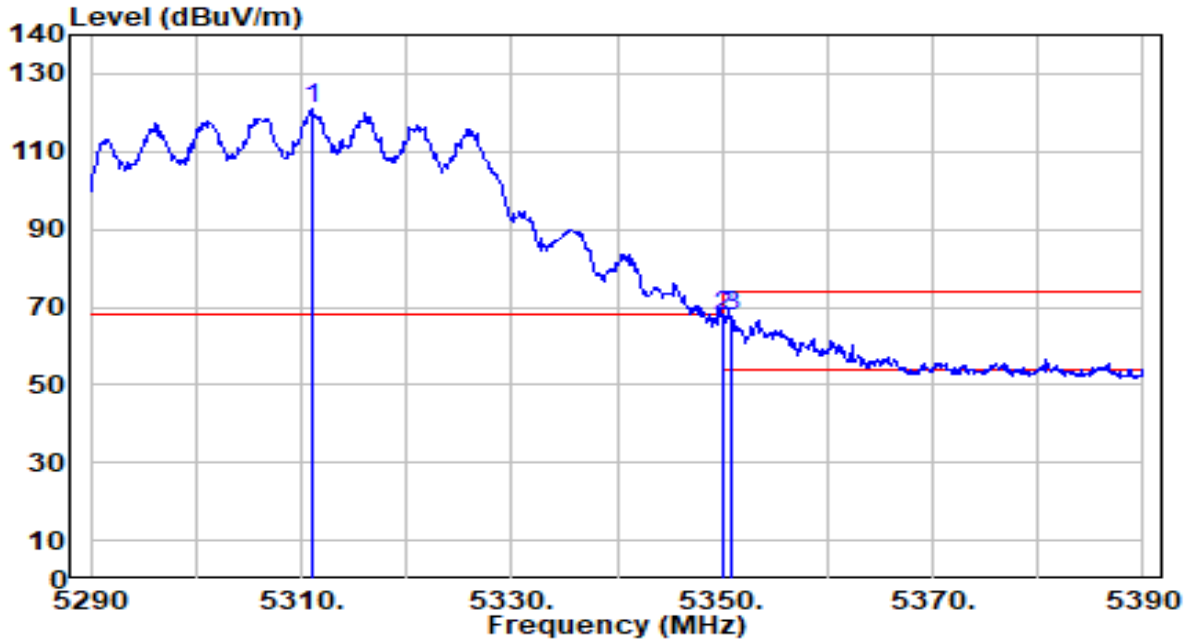


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5310.600	92.00	-0.91	91.08	N/A	N/A	105	147	Average
2	* 5350.000	40.62	-0.97	39.65	-14.35	54.00	105	147	Average
3	5351.000	39.72	-0.97	38.74	-15.26	54.00	105	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

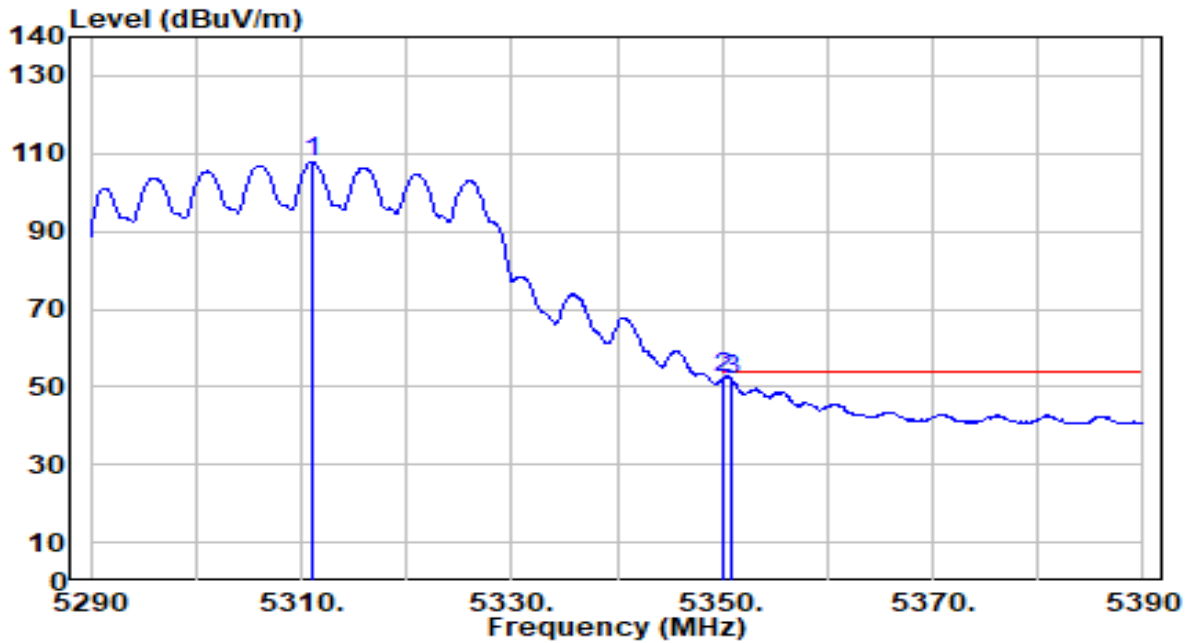


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5311.000	121.66	-0.91	120.75	N/A	N/A	200	42	Peak
2	5350.000	68.37	-0.97	67.40	-6.60	74.00	200	42	Peak
3	* 5351.000	68.52	-0.97	67.54	-6.46	74.00	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band2_CH 62_ANT 0+1+2	Test Voltage	AC 120V/60Hz

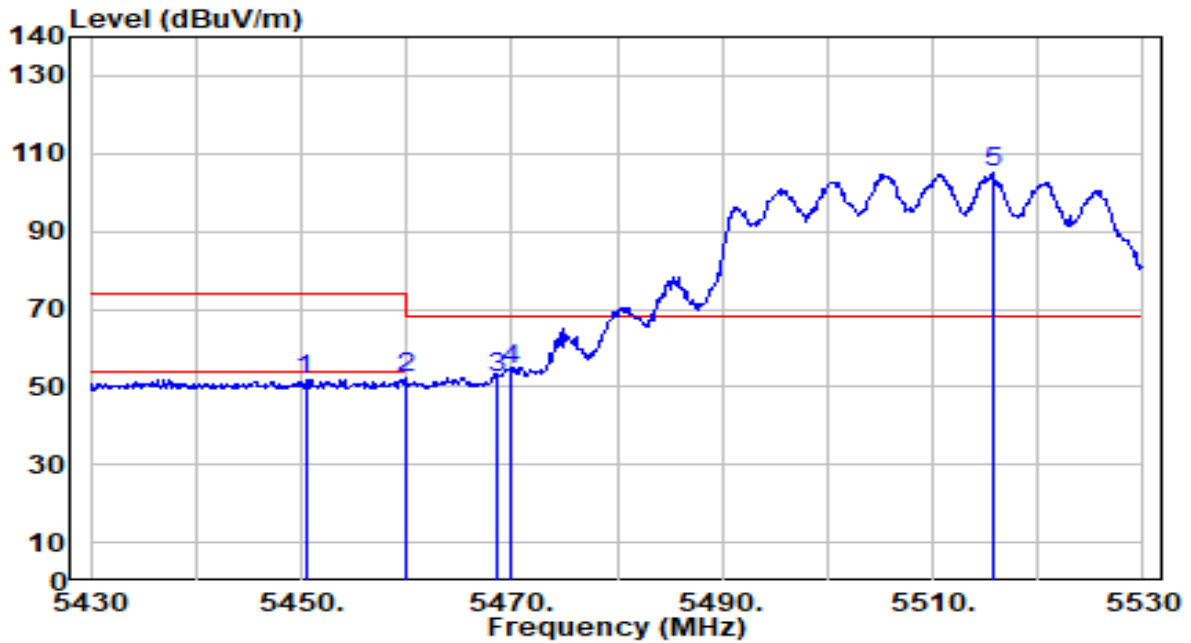


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5311.100	108.79	-0.91	107.88	N/A	N/A	200	42	Average
2	* 5350.000	53.31	-0.97	52.33	-1.67	54.00	200	42	Average
3	5351.000	52.74	-0.97	51.77	-2.23	54.00	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

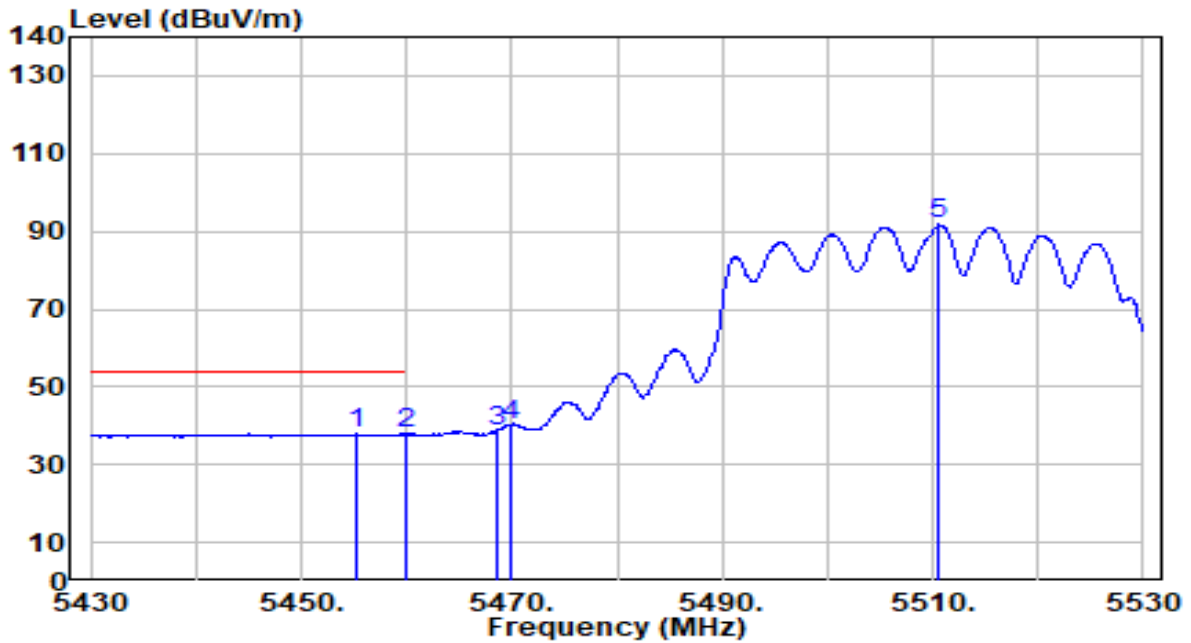


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5450.400	52.84	-0.90	51.94	-22.06	74.00	120	211	Peak
2	5460.000	52.94	-0.87	52.07	-21.93	74.00	120	211	Peak
3	5468.500	53.00	-0.84	52.16	-16.04	68.20	120	211	Peak
4	* 5470.000	55.44	-0.84	54.60	-13.60	68.20	120	211	Peak
5	5515.700	105.79	-0.70	105.09	N/A	N/A	120	211	Peak

Note:

- "\*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

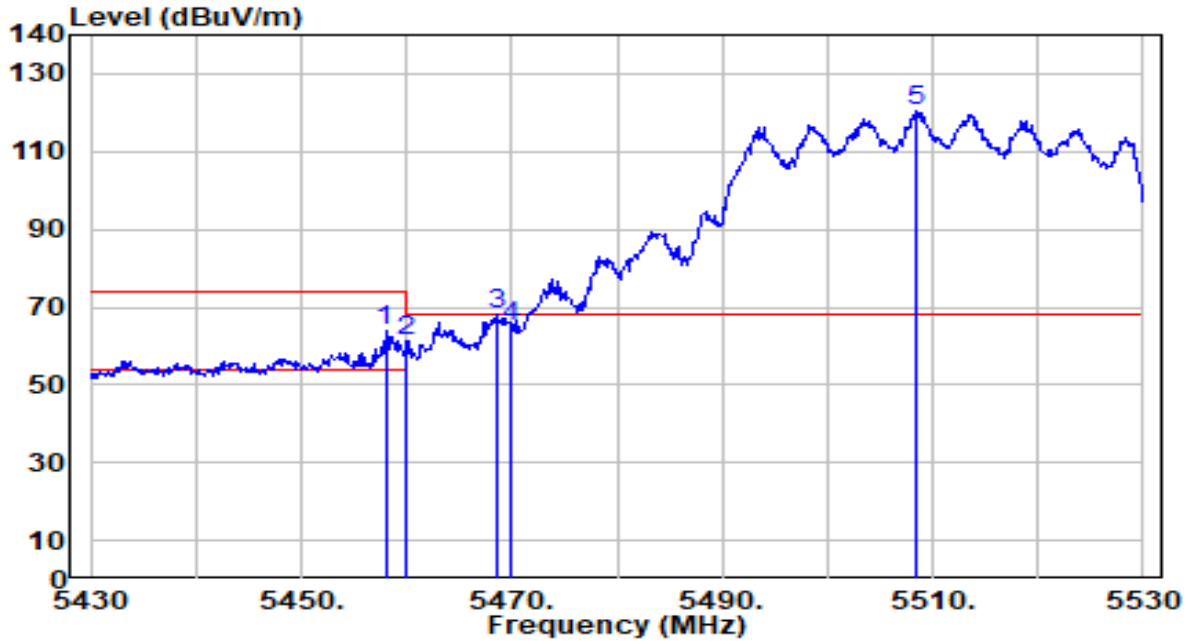


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5455.300	38.82	-0.88	37.93	-16.07	54.00	120	211	Average
2	5460.000	38.67	-0.87	37.81	-16.19	54.00	120	211	Average
3	5468.500	39.38	-0.84	38.53	N/A	N/A	120	211	Average
4	5470.000	41.24	-0.84	40.40	N/A	N/A	120	211	Average
5	5510.600	92.39	-0.72	91.67	N/A	N/A	120	211	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

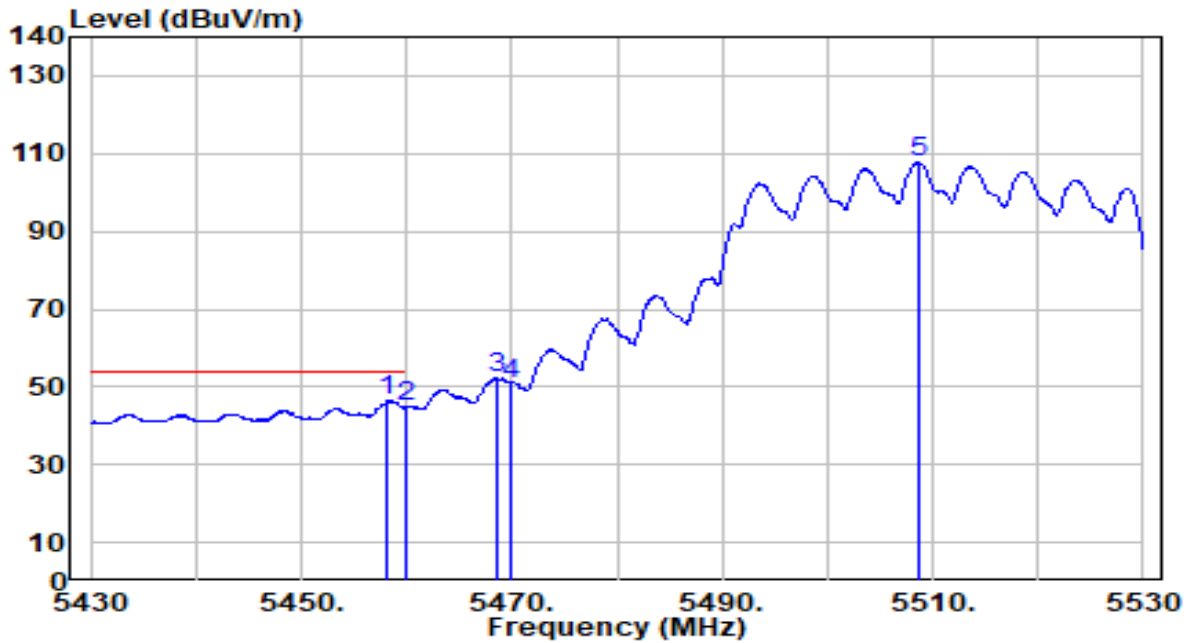


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.000	64.93	-0.88	64.05	-9.95	74.00	200	5	Peak
2	5460.000	62.04	-0.87	61.17	-12.83	74.00	200	5	Peak
3	* 5468.500	68.89	-0.84	68.04	-0.16	68.20	200	5	Peak
4	5470.000	65.72	-0.84	64.88	-3.32	68.20	200	5	Peak
5	5508.500	120.96	-0.72	120.24	N/A	N/A	200	5	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 102_ANT 0+1+2	Test Voltage	AC 120V/60Hz

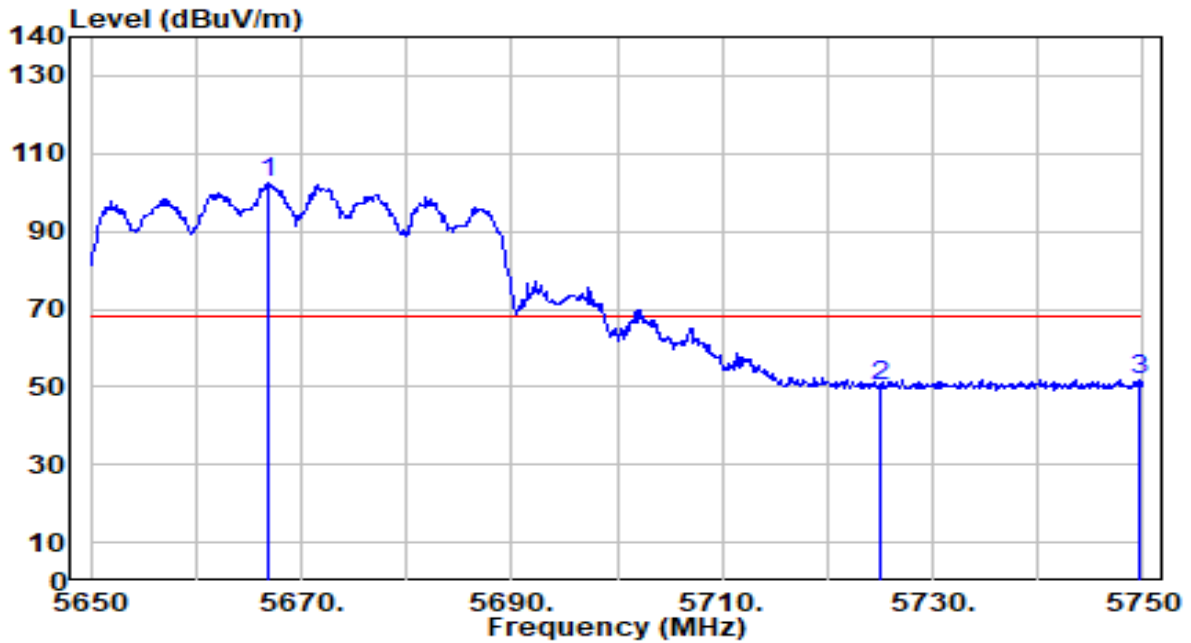


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5458.100	47.20	-0.87	46.33	-7.67	54.00	200	5	Average
2		5460.000	45.81	-0.87	44.94	-9.06	54.00	200	5	Average
3		5468.500	52.95	-0.84	52.11	N/A	N/A	200	5	Average
4		5470.000	51.80	-0.84	50.96	N/A	N/A	200	5	Average
5		5508.700	108.26	-0.72	107.54	N/A	N/A	200	5	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz



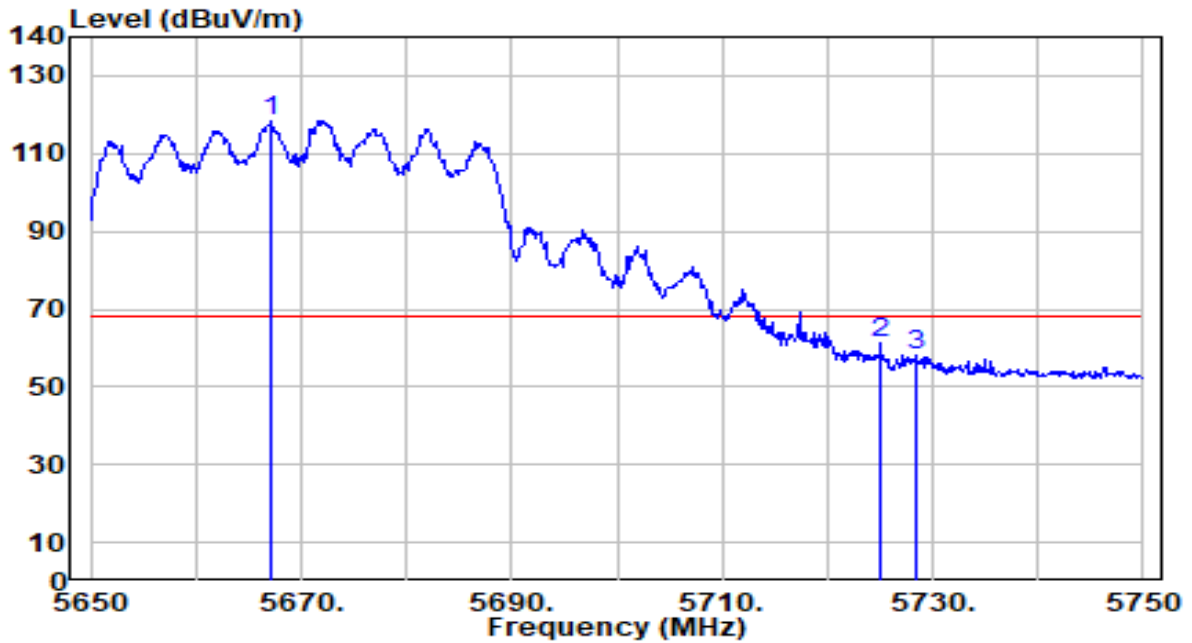
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5666.900	102.32	-0.08	102.24	N/A	N/A	108	197	Peak
2	5725.000	49.87	0.23	50.10	-18.10	68.20	108	197	Peak
3	* 5749.700	51.52	0.36	51.87	-16.33	68.20	108	197	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band3_CH 134_ANT 0+1+2	Test Voltage	AC 120V/60Hz

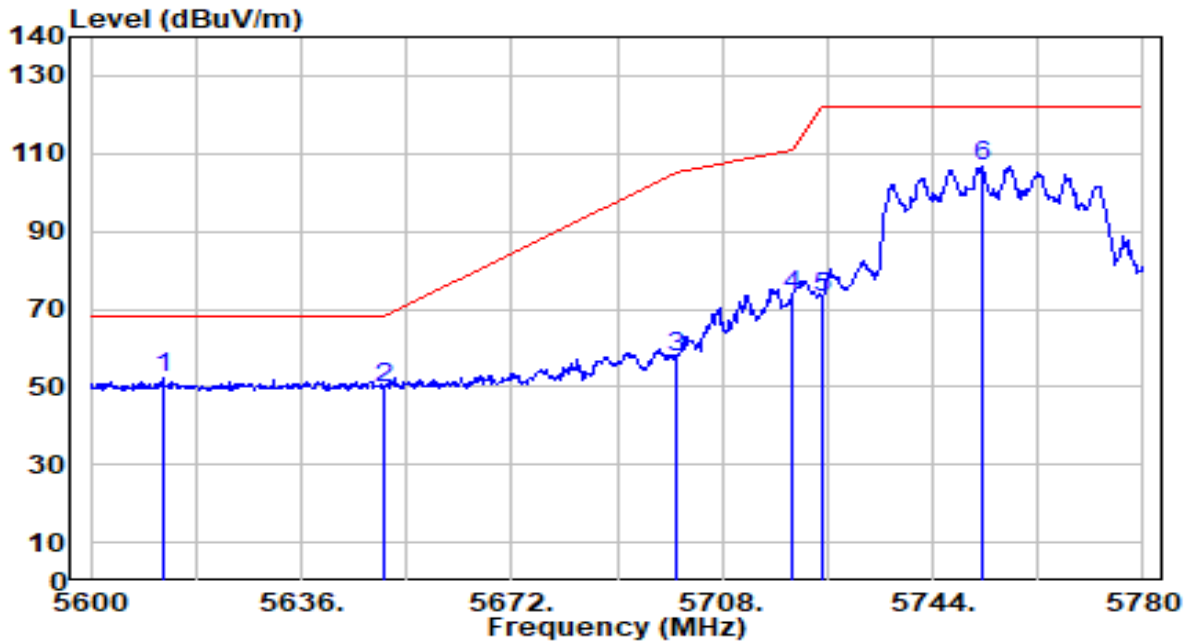


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5667.200	118.52	-0.07	118.45	N/A	N/A	185	2	Peak
2	* 5725.000	61.05	0.23	61.28	-6.92	68.20	185	2	Peak
3	5728.500	57.89	0.25	58.13	-10.07	68.20	185	2	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

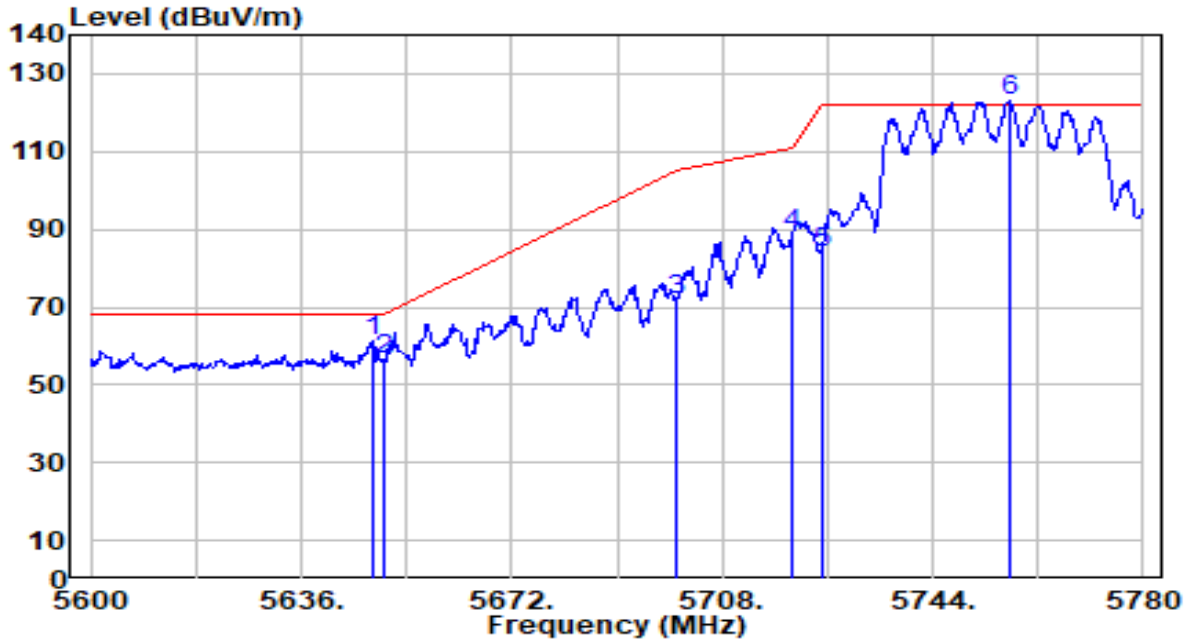


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	52.83	-0.36	52.47	-15.73	68.20	100	324	Peak
2		49.78	-0.16	49.61	-18.59	68.20	100	324	Peak
3		57.38	0.10	57.47	-47.73	105.20	100	324	Peak
4		73.31	0.20	73.52	-37.28	110.80	100	324	Peak
5		72.81	0.23	73.04	-49.16	122.20	100	324	Peak
6		106.40	0.37	106.77	N/A	N/A	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) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1+2	Test Voltage	AC 120V/60Hz

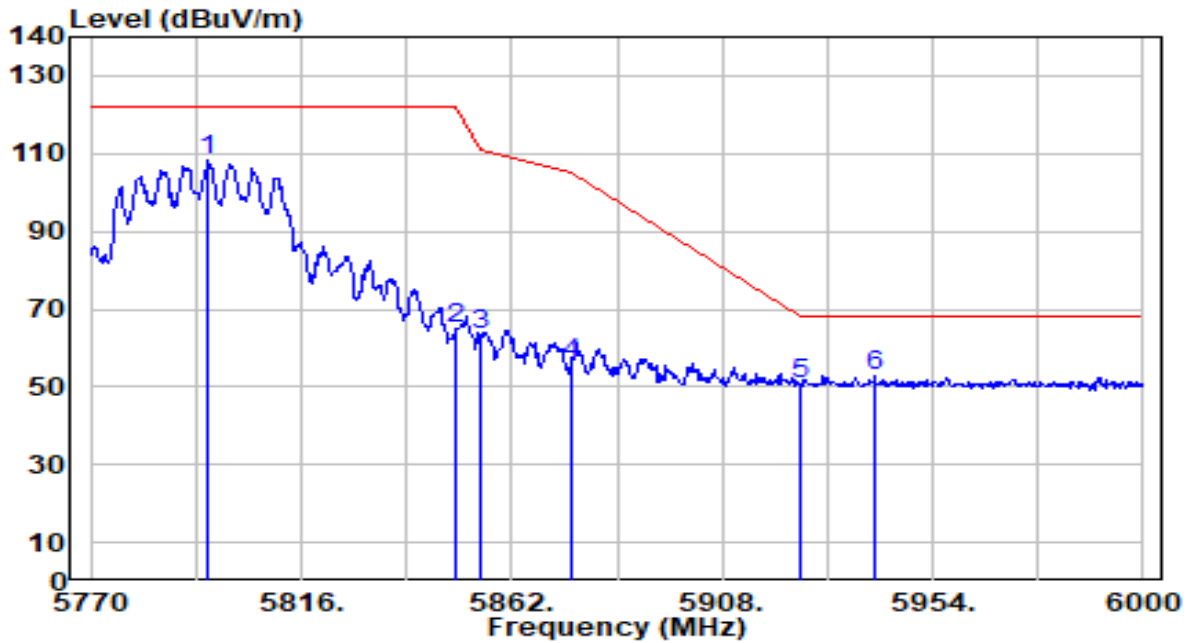


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5648.420	61.52	-0.17	61.34	-6.86	68.20	200	2	Peak
2		5650.000	56.84	-0.16	56.68	-11.52	68.20	200	2	Peak
3		5700.000	71.68	0.10	71.78	-33.42	105.20	200	2	Peak
4		5720.000	88.64	0.20	88.84	-21.96	110.80	200	2	Peak
5		5725.000	83.83	0.23	84.06	-38.14	122.20	200	2	Peak
6		5757.320	122.83	0.40	123.23	N/A	N/A	200	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

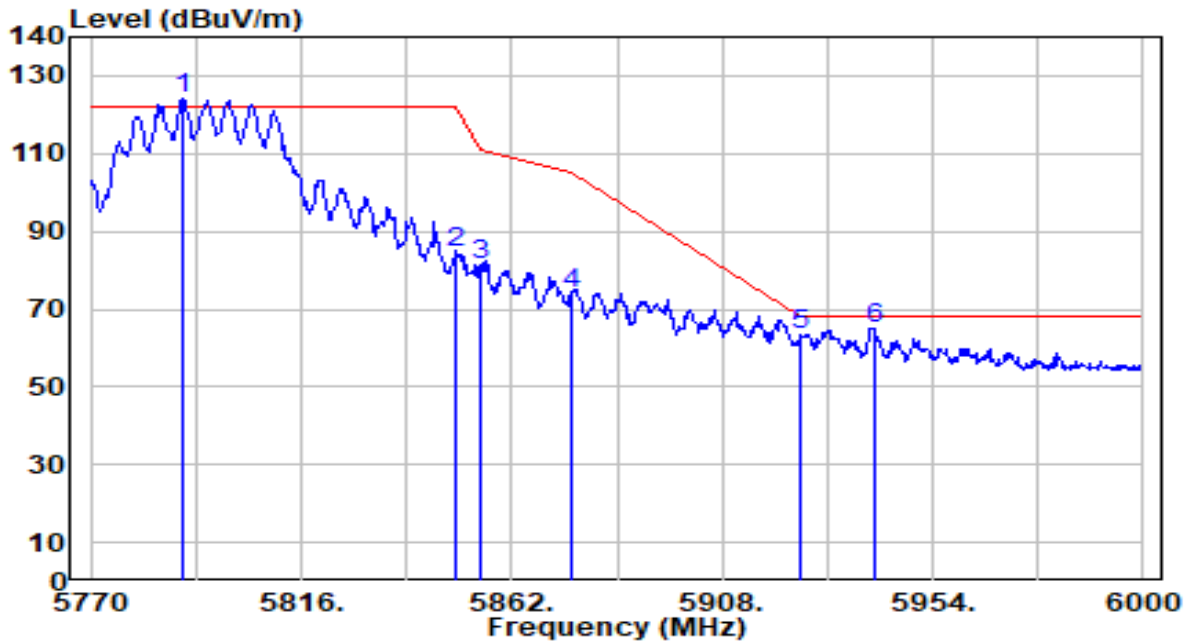


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5795.760	107.49	0.60	108.09	N/A	N/A	100	343	Peak
2	5850.000	64.26	0.58	64.85	-57.35	122.20	100	343	Peak
3	5855.000	62.68	0.58	63.26	-47.54	110.80	100	343	Peak
4	5875.000	55.45	0.57	56.02	-49.18	105.20	100	343	Peak
5	5925.000	50.01	0.53	50.54	-17.66	68.20	100	343	Peak
6	* 5941.350	52.53	0.51	53.05	-15.15	68.20	100	343	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1+2	Test Voltage	AC 120V/60Hz

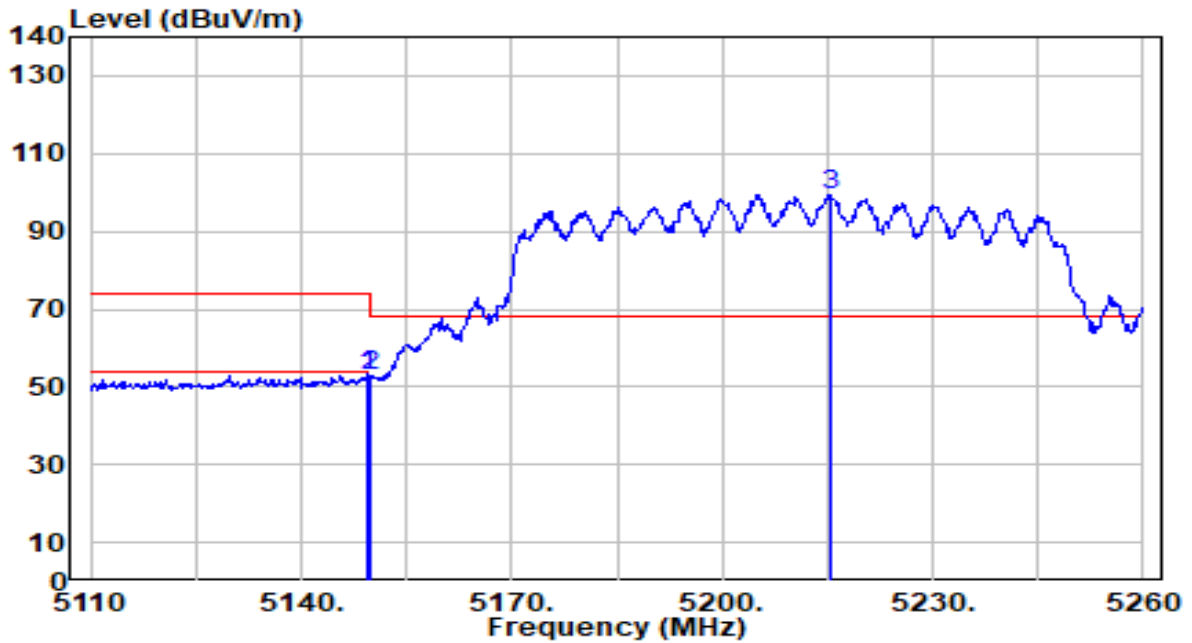


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5790.010	123.77	0.57	124.34	N/A	N/A	200	14	Peak
2	5850.000	84.04	0.58	84.62	-37.58	122.20	200	14	Peak
3	5855.000	80.71	0.58	81.29	-29.51	110.80	200	14	Peak
4	5875.000	73.66	0.57	74.22	-30.98	105.20	200	14	Peak
5	5925.000	62.96	0.53	63.49	-4.71	68.20	200	14	Peak
6	* 5941.120	64.57	0.51	65.09	-3.11	68.20	200	14	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

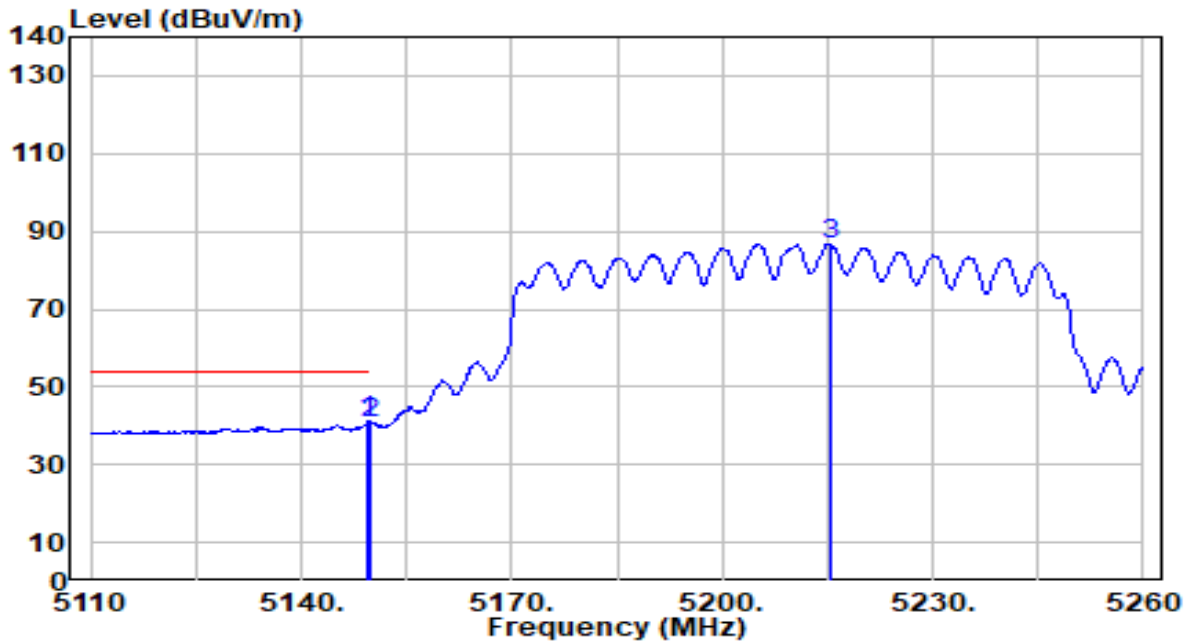


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.450	53.41	-0.72	52.69	-21.31	74.00	110	147	Peak
2	* 5150.000	53.64	-0.72	52.93	-21.07	74.00	110	147	Peak
3	5215.300	100.11	-0.77	99.34	N/A	N/A	110	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

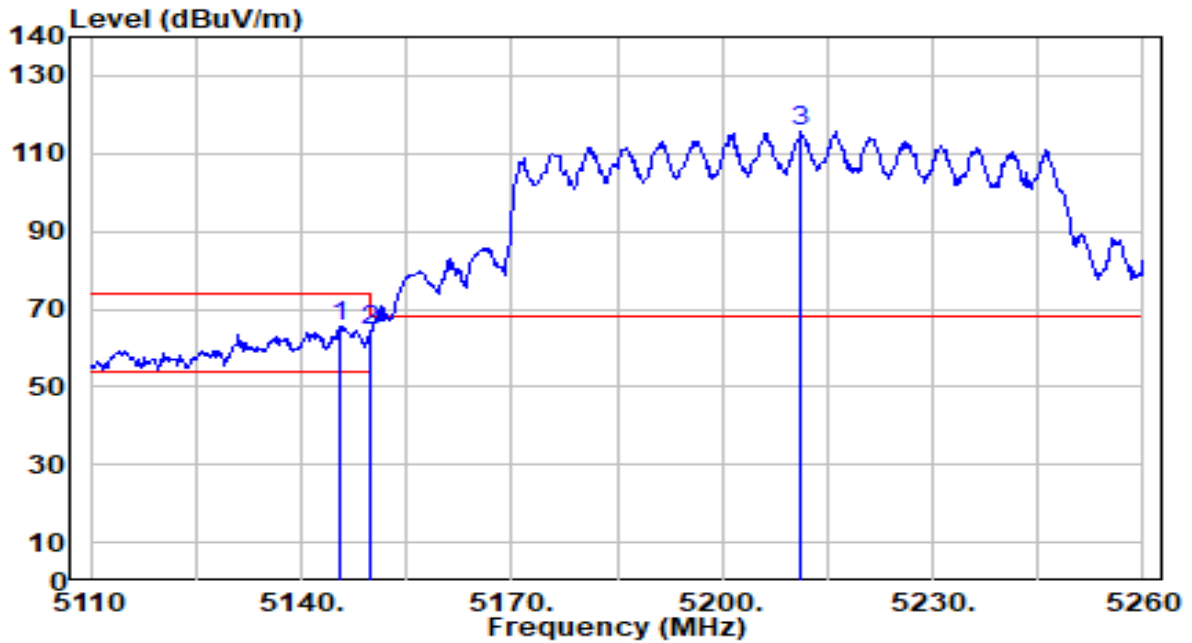


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5149.450	41.66	-0.72	40.95	-13.05	54.00	110	147	Average
2		5150.000	41.50	-0.72	40.78	-13.22	54.00	110	147	Average
3		5215.300	87.54	-0.77	86.78	N/A	N/A	110	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz



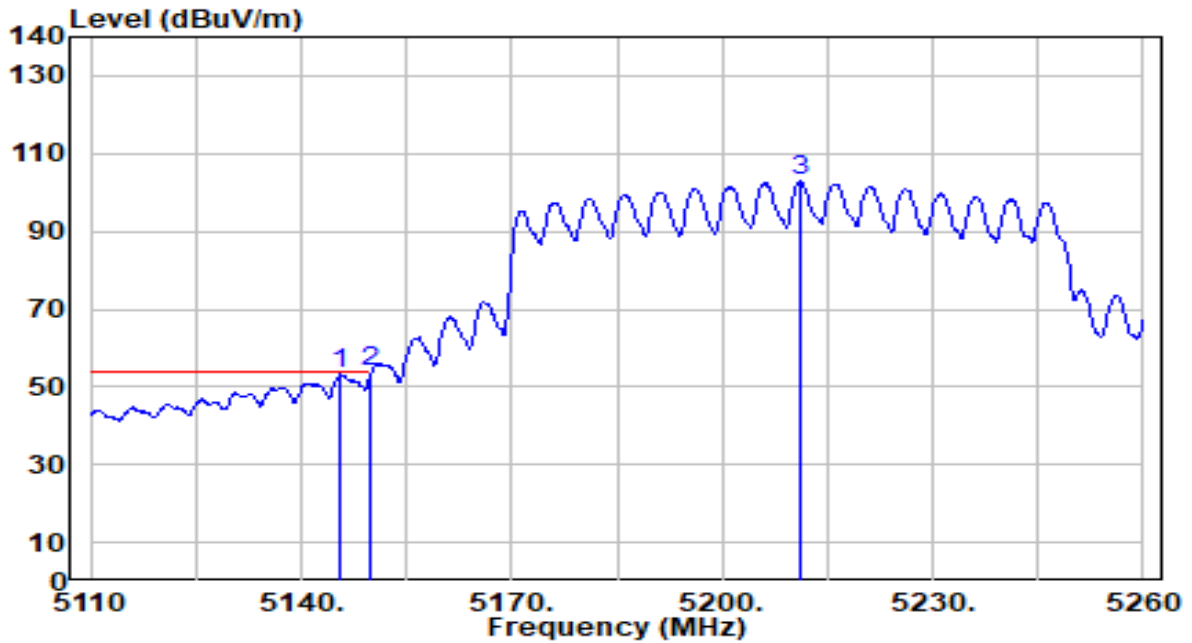
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5145.400	66.45	-0.72	65.73	-8.27	74.00	200	43	Peak
2		5150.000	65.20	-0.72	64.48	-9.52	74.00	200	43	Peak
3		5211.100	116.24	-0.76	115.48	N/A	N/A	200	43	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1+2	Test Voltage	AC 120V/60Hz

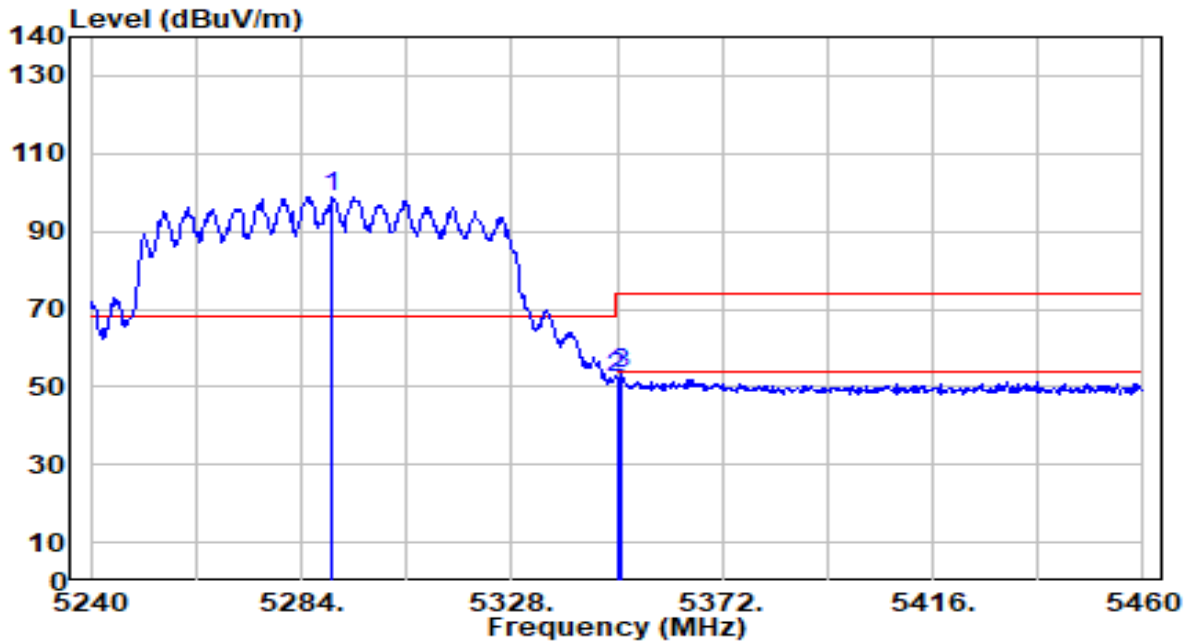


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5145.700	53.83	-0.72	53.11	-0.89	54.00	200	43	Average
2	* 5150.000	54.56	-0.72	53.85	-0.15	54.00	200	43	Average
3	5211.100	103.52	-0.76	102.76	N/A	N/A	200	43	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

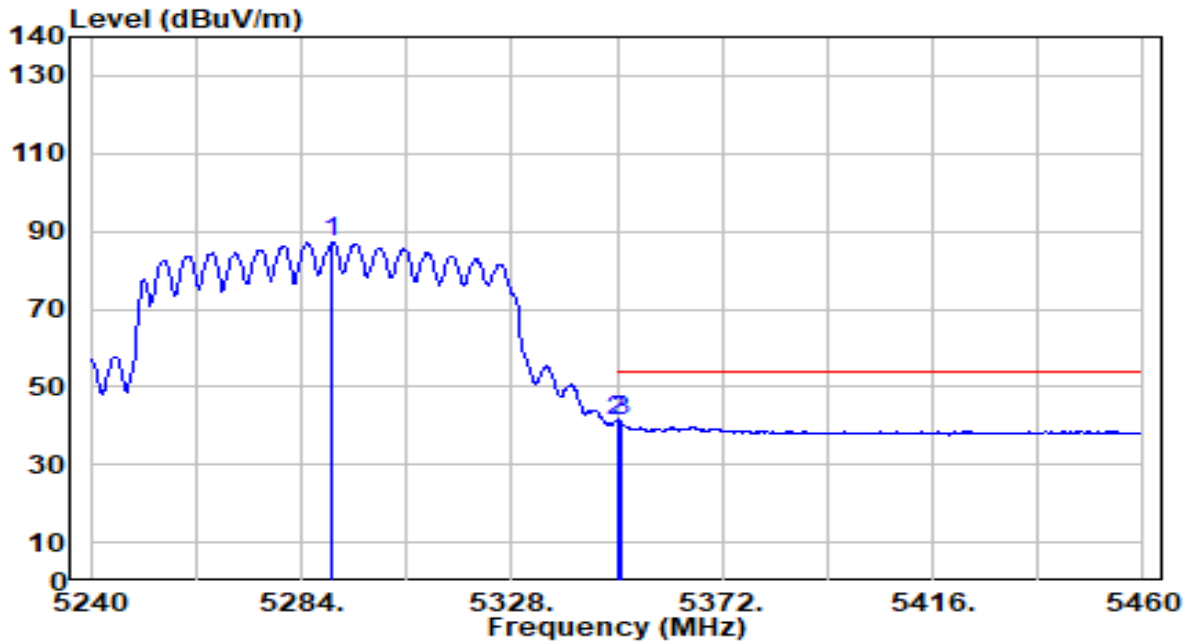


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5290.600	99.90	-0.88	99.02	N/A	N/A	100	147	Peak
2	5350.000	53.09	-0.97	52.12	-21.88	74.00	100	147	Peak
3	* 5351.100	54.16	-0.97	53.19	-20.81	74.00	100	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

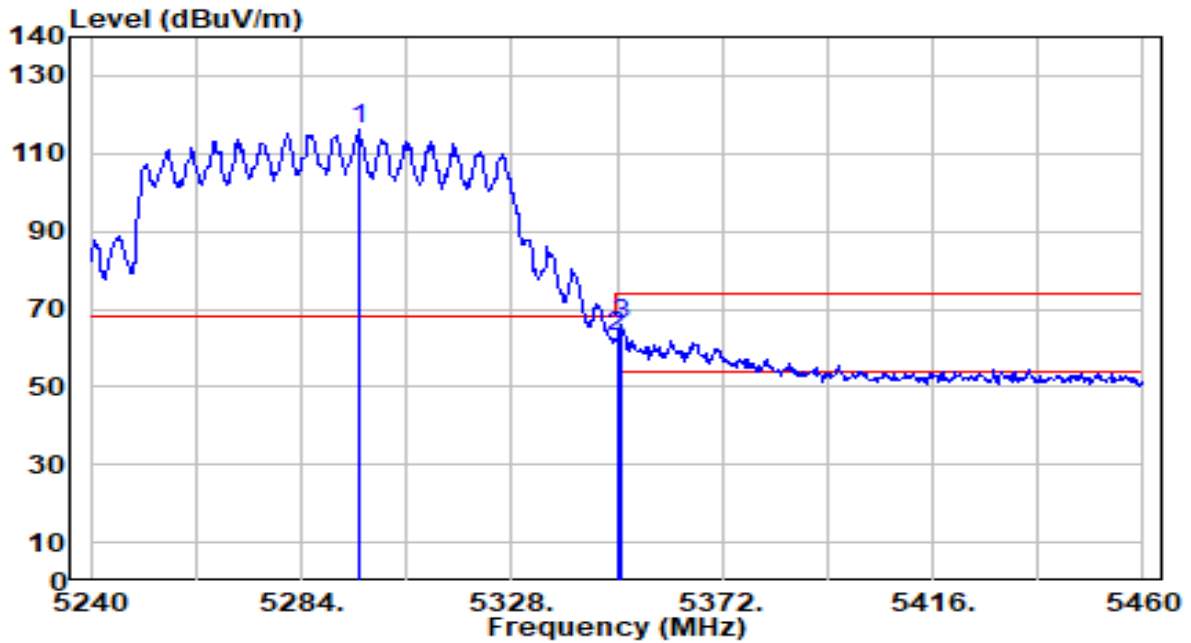


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5290.600	88.13	-0.88	87.25	N/A	N/A	100	147	Average
2	* 5350.000	42.13	-0.97	41.16	-12.84	54.00	100	147	Average
3	5350.880	41.97	-0.97	41.00	-13.00	54.00	100	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

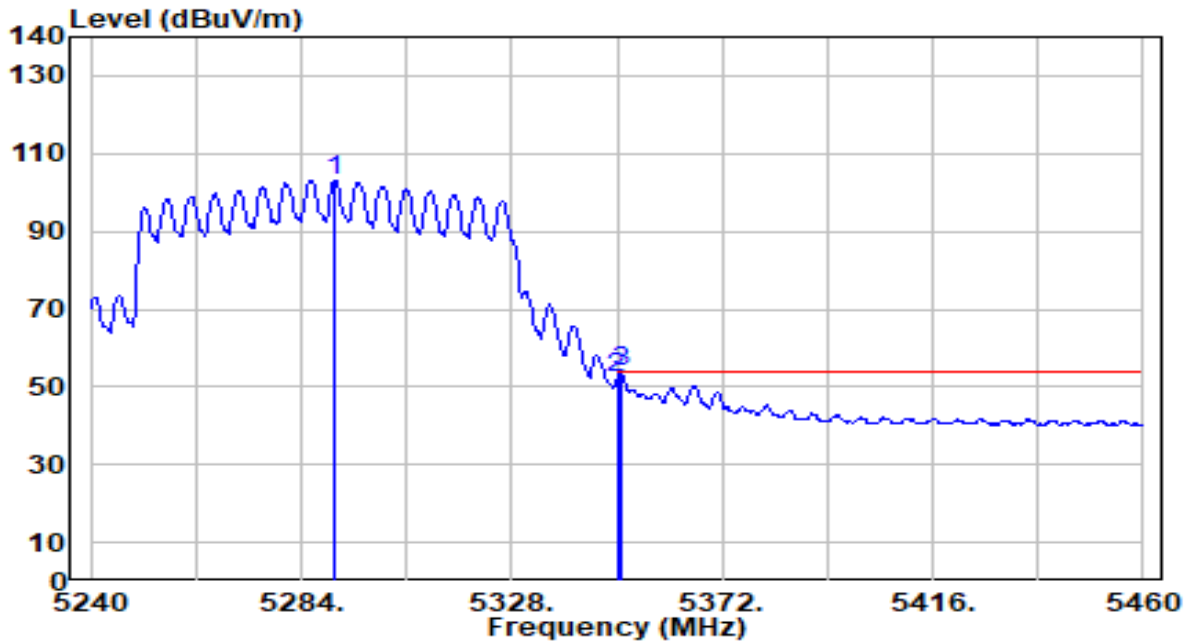


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5295.880	116.86	-0.89	115.97	N/A	N/A	200	42	Peak
2	5350.000	63.96	-0.97	62.98	-11.02	74.00	200	42	Peak
3	* 5350.880	67.07	-0.97	66.10	-7.90	74.00	200	42	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ANT 0+1+2	Test Voltage	AC 120V/60Hz

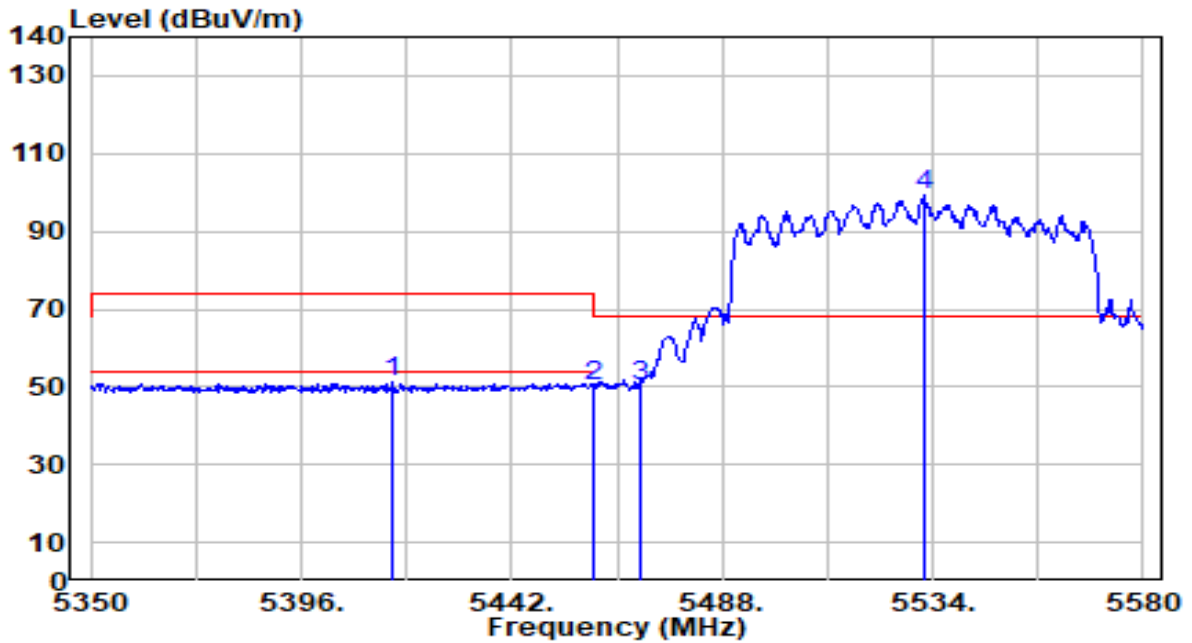


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5291.040	103.95	-0.88	103.07	N/A	N/A	200	42	Average
2	5350.000	53.07	-0.97	52.10	-1.90	54.00	200	42	Average
3	* 5350.660	54.79	-0.97	53.82	-0.18	54.00	200	42	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

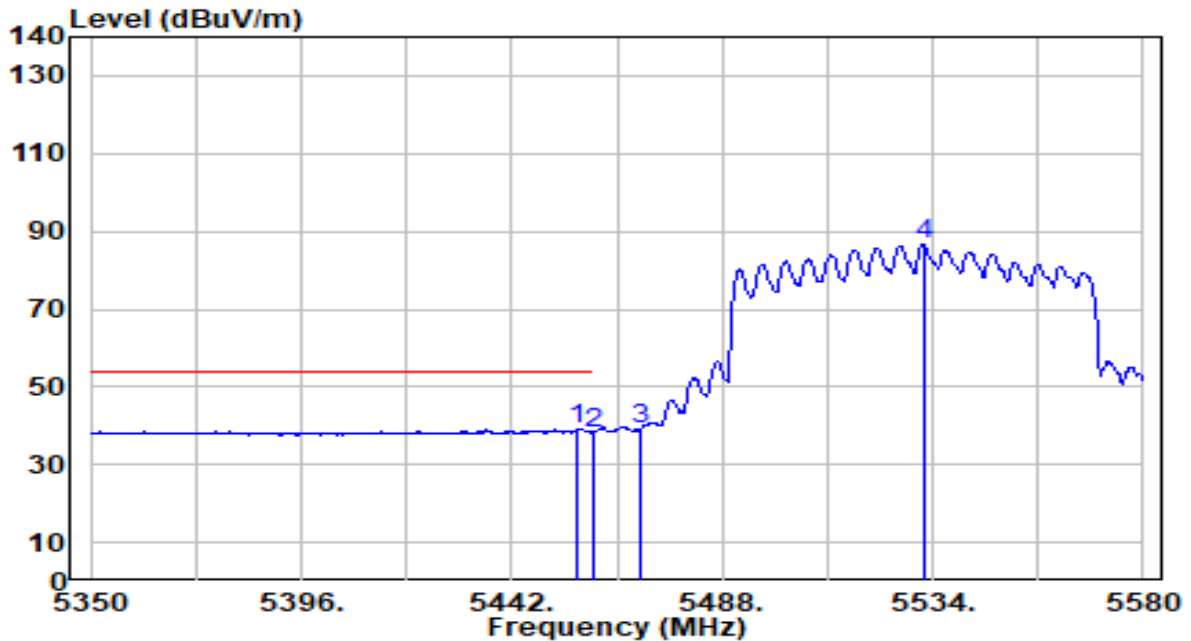


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5416.010	52.40	-1.00	51.40	-22.60	74.00	100	210	Peak
2	5460.000	51.05	-0.87	50.18	-23.82	74.00	100	210	Peak
3	* 5470.000	50.94	-0.84	50.10	-18.10	68.20	100	210	Peak
4	5532.160	99.90	-0.65	99.25	N/A	N/A	100	210	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

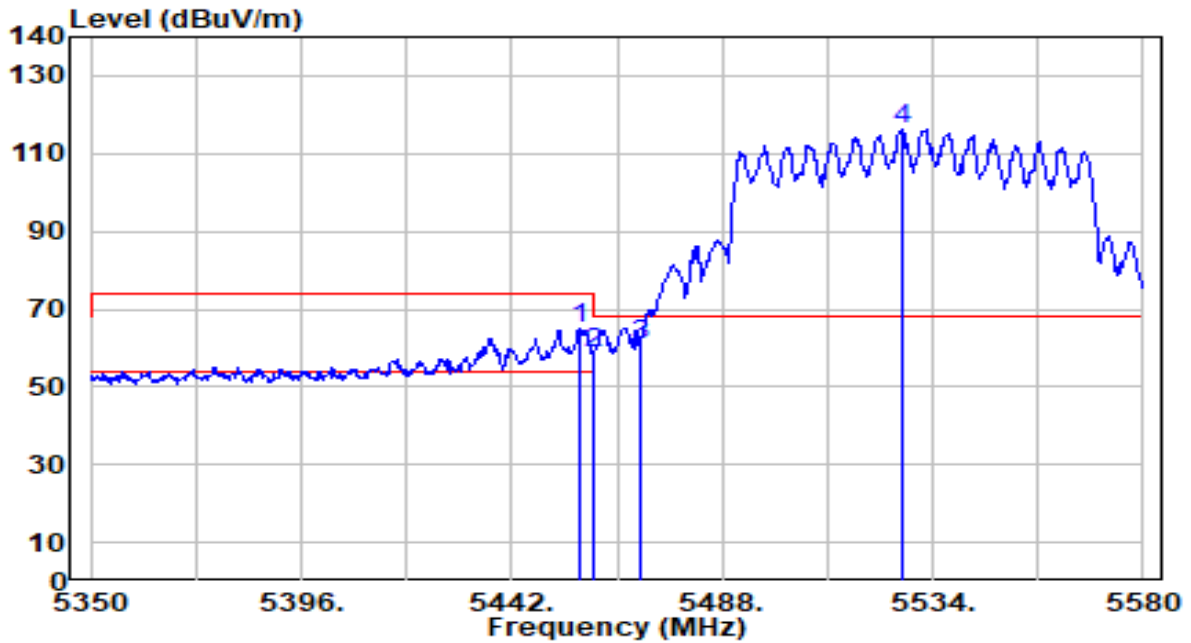


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5456.030	40.18	-0.88	39.30	-14.70	54.00	100	210	Average
2		5460.000	39.14	-0.87	38.27	-15.73	54.00	100	210	Average
3		5470.000	39.75	-0.84	38.91	N/A	N/A	100	210	Average
4		5531.930	87.07	-0.65	86.43	N/A	N/A	100	210	Average

Note:

- " \*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz



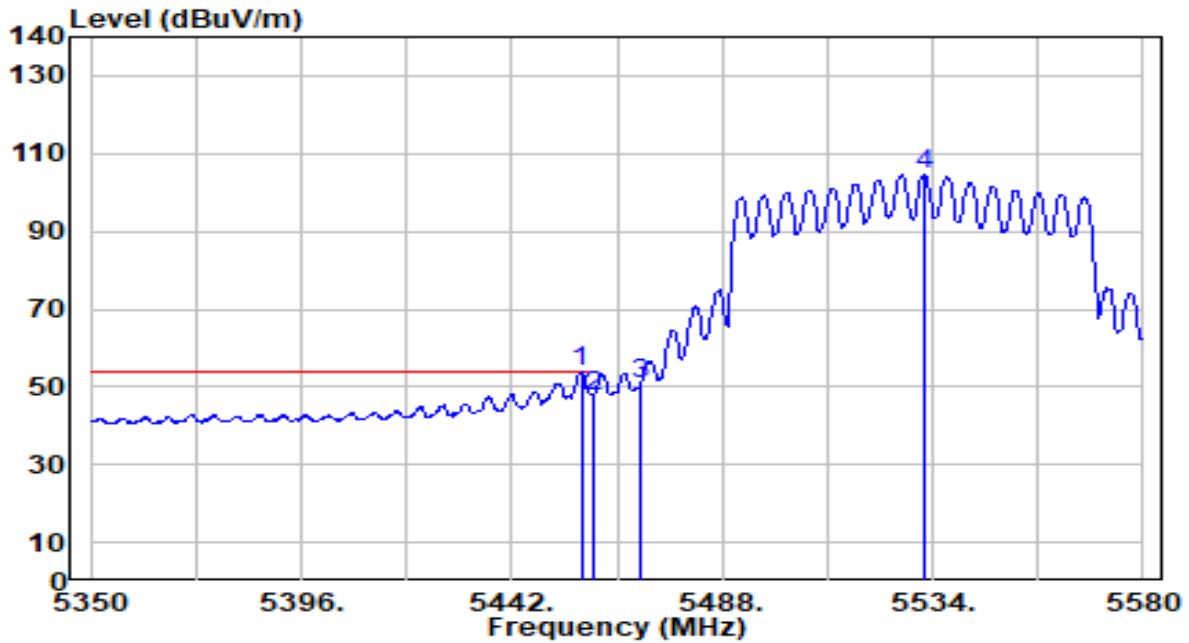
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5456.720	65.69	-0.88	64.81	-9.19	74.00	190	2	Peak
2	5460.000	59.76	-0.87	58.89	-15.11	74.00	190	2	Peak
3	* 5470.000	61.61	-0.84	60.77	-7.43	68.20	190	2	Peak
4	5527.330	117.02	-0.66	116.36	N/A	N/A	190	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ANT 0+1+2	Test Voltage	AC 120V/60Hz

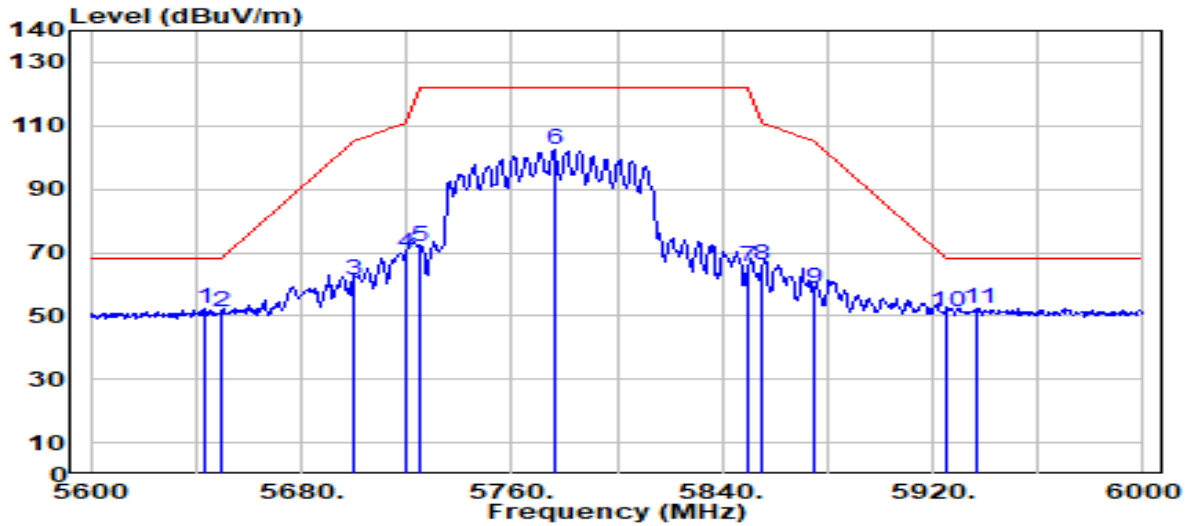


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	54.73	-0.88	53.86	-0.14	54.00	190	2	Average
2		48.36	-0.87	47.49	-6.51	54.00	190	2	Average
3		51.48	-0.84	50.64	N/A	N/A	190	2	Average
4		105.19	-0.65	104.55	N/A	N/A	190	2	Average

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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

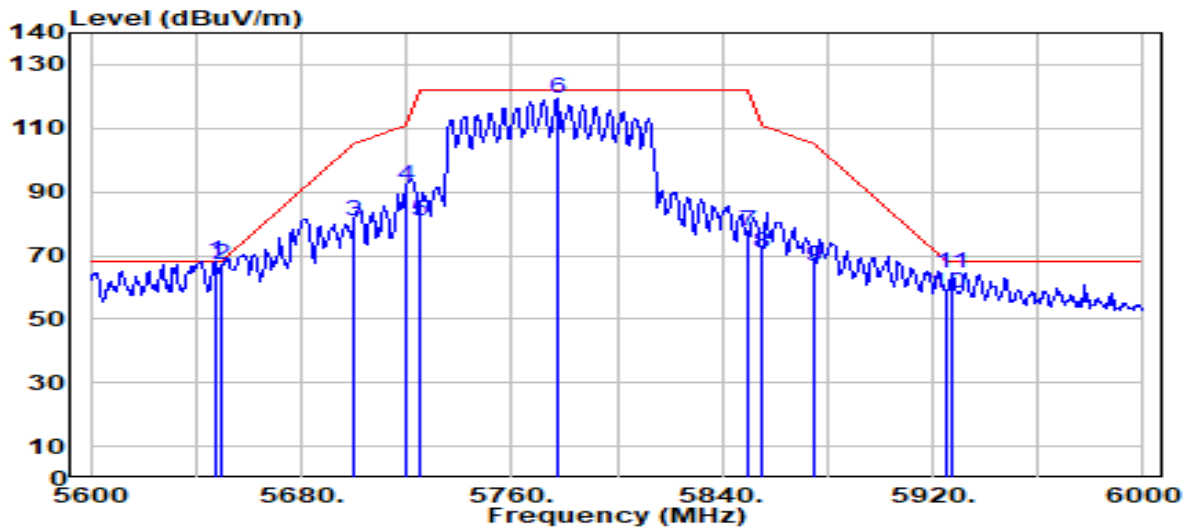


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5643.200	52.26	-0.20	52.06	-16.14	68.20	100	344	Peak
2	5650.000	51.55	-0.16	51.38	-16.82	68.20	100	344	Peak
3	5700.000	61.37	0.10	61.47	-43.73	105.20	100	344	Peak
4	5720.000	69.67	0.20	69.87	-40.93	110.80	100	344	Peak
5	5725.000	71.80	0.23	72.03	-50.17	122.20	100	344	Peak
6	5776.400	101.99	0.50	102.48	N/A	N/A	100	344	Peak
7	5850.000	64.77	0.58	65.35	-56.85	122.20	100	344	Peak
8	5855.000	65.30	0.58	65.88	-44.92	110.80	100	344	Peak
9	5875.000	58.21	0.57	58.77	-46.43	105.20	100	344	Peak
10	5925.000	50.46	0.53	50.99	-17.21	68.20	100	344	Peak
11 *	5937.200	51.89	0.52	52.41	-15.79	68.20	100	344	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C / 61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1+2	Test Voltage	AC 120V/60Hz

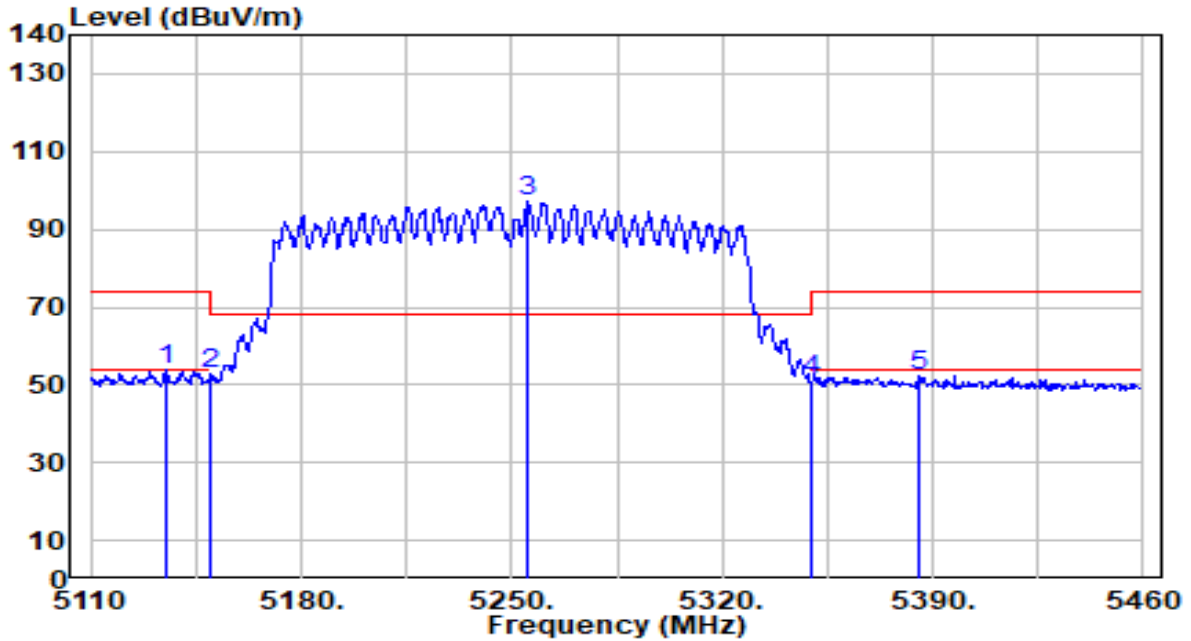


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5647.200	68.27	-0.18	68.09	-0.11	68.20	200	2	Peak
2	5650.000	67.14	-0.16	66.98	-1.22	68.20	200	2	Peak
3	5700.000	80.55	0.10	80.64	-24.56	105.20	200	2	Peak
4	5720.000	91.59	0.20	91.79	-19.01	110.80	200	2	Peak
5	5725.000	80.70	0.23	80.93	-41.27	122.20	200	2	Peak
6	5777.200	118.75	0.50	119.25	N/A	N/A	200	2	Peak
7	5850.000	77.03	0.58	77.61	-44.59	122.20	200	2	Peak
8	5855.000	70.15	0.58	70.73	-40.07	110.80	200	2	Peak
9	5875.000	65.82	0.57	66.39	-38.81	105.20	200	2	Peak
10	5925.000	57.83	0.53	58.36	-9.84	68.20	200	2	Peak
11	5926.800	63.82	0.53	64.34	-3.86	68.20	200	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

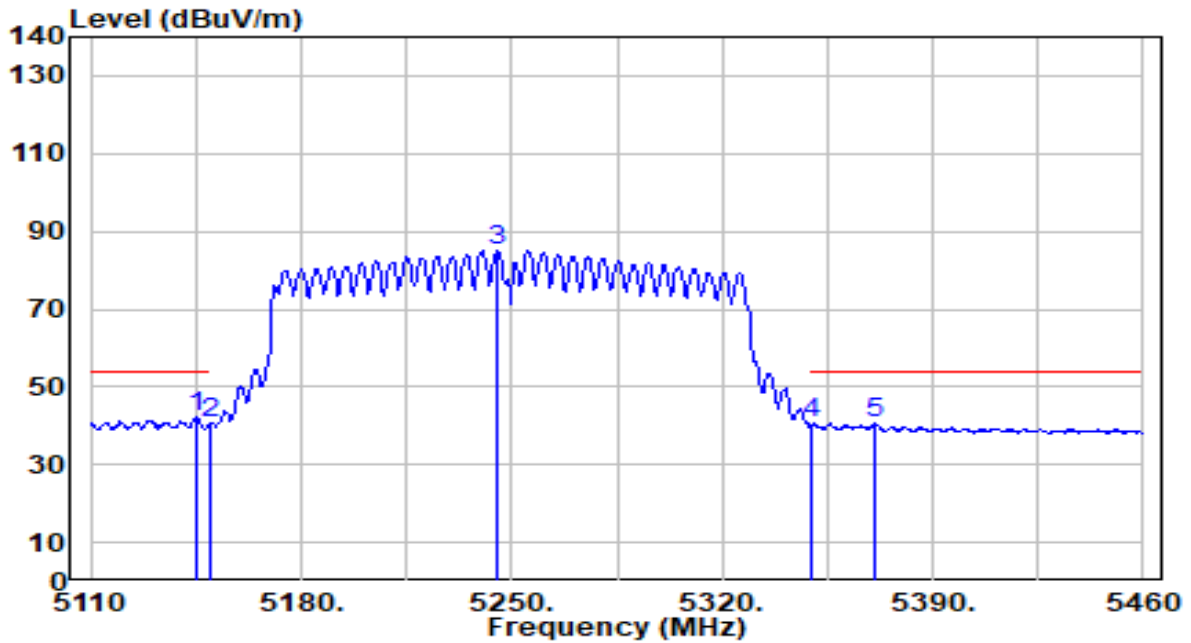


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5135.200	54.50	-0.71	53.79	-20.21	74.00	111	147	Peak
2		5150.000	53.32	-0.72	52.60	-21.40	74.00	111	147	Peak
3		5255.600	97.92	-0.83	97.10	N/A	N/A	111	147	Peak
4		5350.000	52.40	-0.97	51.43	-22.57	74.00	111	147	Peak
5		5385.450	53.51	-1.03	52.48	-21.52	74.00	111	147	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

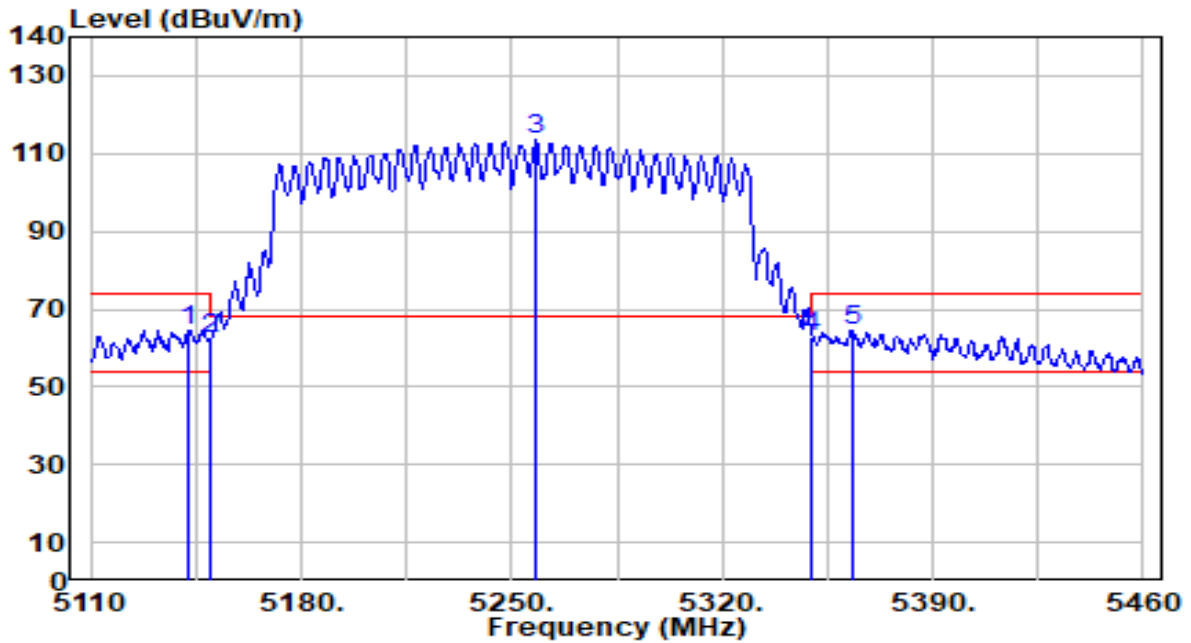


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5145.000	42.72	-0.72	42.01	-11.99	54.00	111	147	Average
2		5150.000	41.63	-0.72	40.91	-13.09	54.00	111	147	Average
3		5245.450	85.89	-0.81	85.08	N/A	N/A	111	147	Average
4		5350.000	41.44	-0.97	40.47	-13.53	54.00	111	147	Average
5		5370.400	41.58	-1.00	40.57	-13.43	54.00	111	147	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

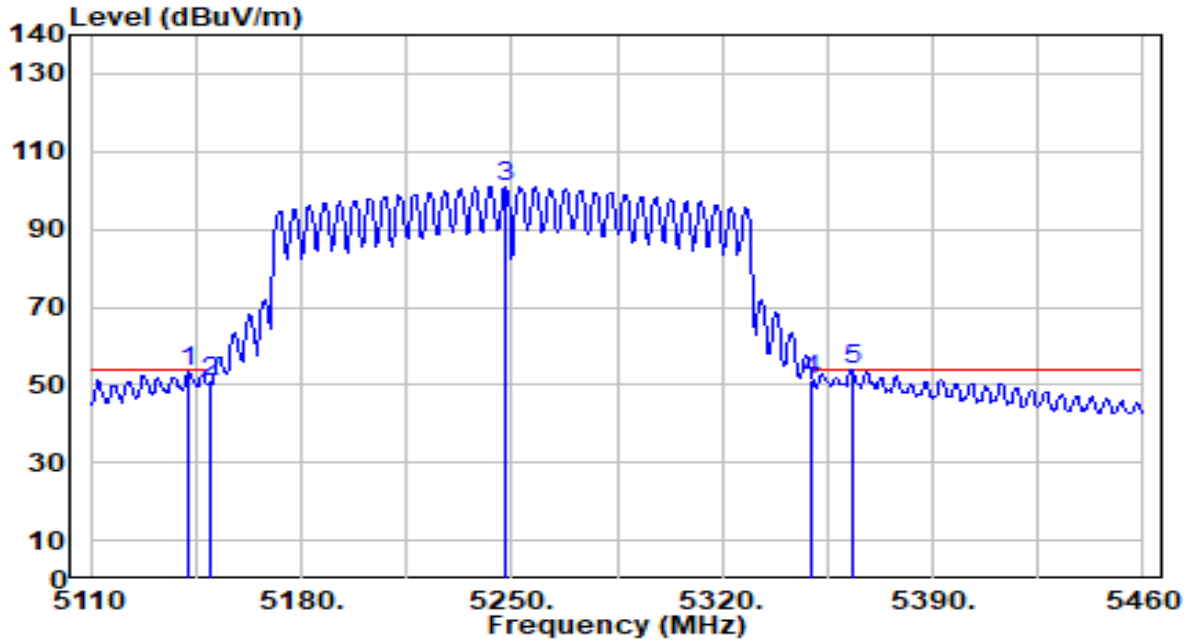


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5142.550	65.40	-0.71	64.68	-9.32	74.00	200	151	Peak
2		5150.000	63.06	-0.72	62.35	-11.65	74.00	200	151	Peak
3		5258.050	114.22	-0.83	113.39	N/A	N/A	200	151	Peak
4		5350.000	63.88	-0.97	62.91	-11.09	74.00	200	151	Peak
5		5363.750	65.56	-0.99	64.57	-9.43	74.00	200	151	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1+2	Test Voltage	AC 120V/60Hz

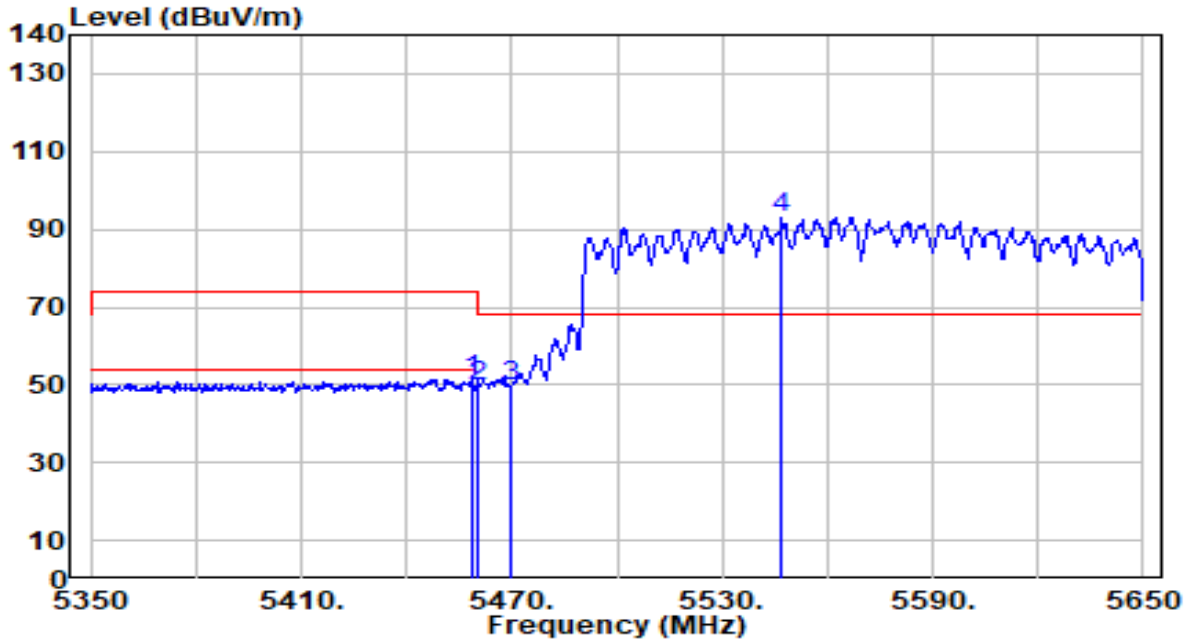


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5142.550	53.83	-0.71	53.12	-0.88	54.00	200	151	Average
2	5150.000	51.39	-0.72	50.67	-3.33	54.00	200	151	Average
3	5247.900	101.68	-0.82	100.86	N/A	N/A	200	151	Average
4	5350.000	52.07	-0.97	51.10	-2.90	54.00	200	151	Average
5	* 5363.050	54.86	-0.99	53.87	-0.13	54.00	200	151	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz



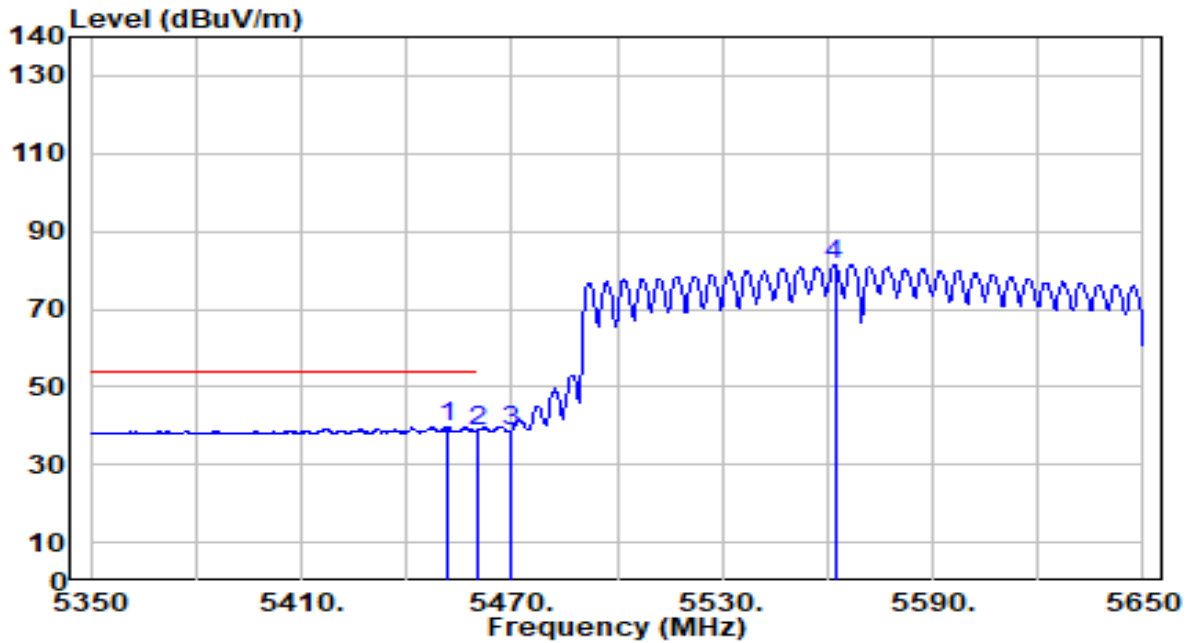
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.900	52.38	-0.87	51.51	-22.49	74.00	100	199	Peak
2	5460.000	50.69	-0.87	49.82	-24.18	74.00	100	199	Peak
3	* 5470.000	50.37	-0.84	49.53	-18.67	68.20	100	199	Peak
4	5546.800	93.67	-0.60	93.07	N/A	N/A	100	199	Peak

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

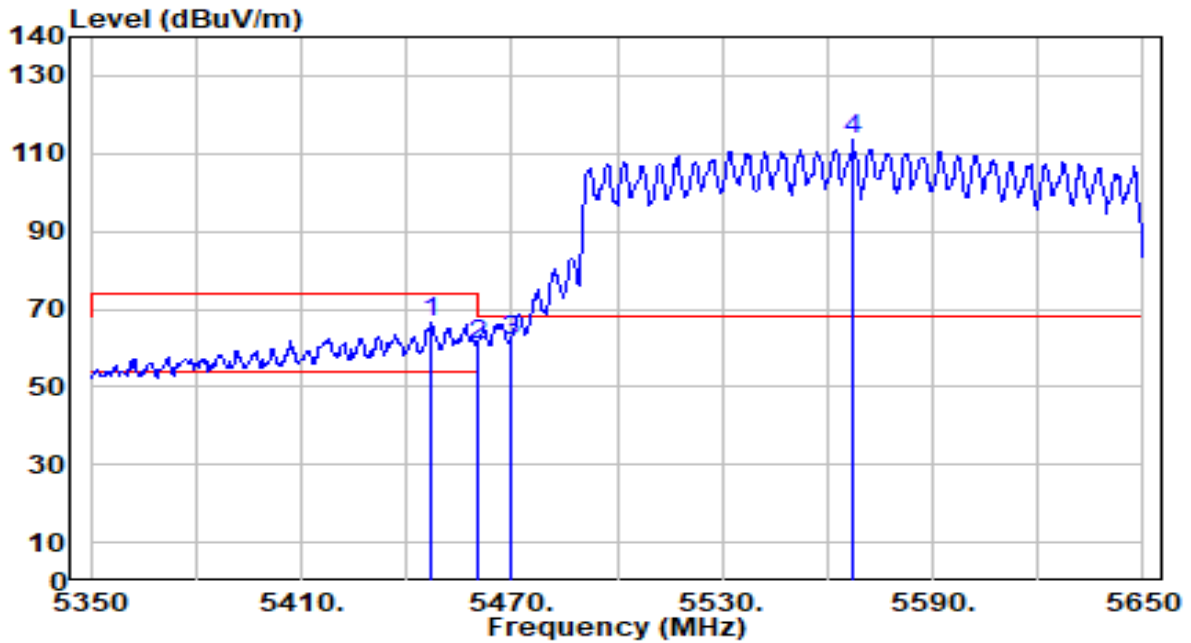


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5452.000	40.43	-0.89	39.54	-14.46	54.00	100	199	Average
2		5460.000	39.38	-0.87	38.51	-15.49	54.00	100	199	Average
3		5470.000	39.50	-0.84	38.66	N/A	N/A	100	199	Average
4		5562.100	82.12	-0.55	81.57	N/A	N/A	100	199	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ANT 0+1+2	Test Voltage	AC 120V/60Hz

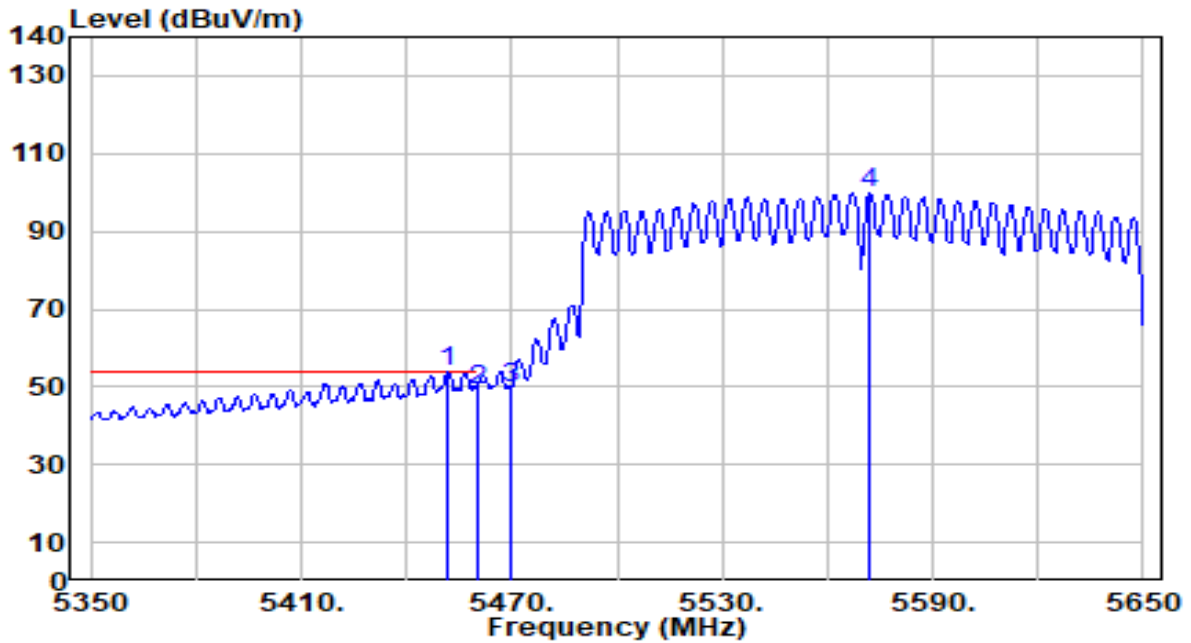


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5446.900	67.22	-0.91	66.31	-7.69	74.00	190	2	Peak
2	5460.000	61.68	-0.87	60.81	-13.19	74.00	190	2	Peak
3	* 5470.000	62.89	-0.84	62.05	-6.15	68.20	190	2	Peak
4	5567.200	114.12	-0.53	113.59	N/A	N/A	190	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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-07-11
Factor	DRH18-E	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_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	* 5452.000	54.78	-0.89	53.88	-0.12	54.00	190	2	Average
2	5460.000	50.17	-0.87	49.30	-4.70	54.00	190	2	Average
3	5470.000	50.76	-0.84	49.92	N/A	N/A	190	2	Average
4	5572.300	100.47	-0.52	99.96	N/A	N/A	190	2	Average

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) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 7.10.AC Conducted Emissions Measurement

### 7.10.1.Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB $\mu$ V)	AV (dB $\mu$ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

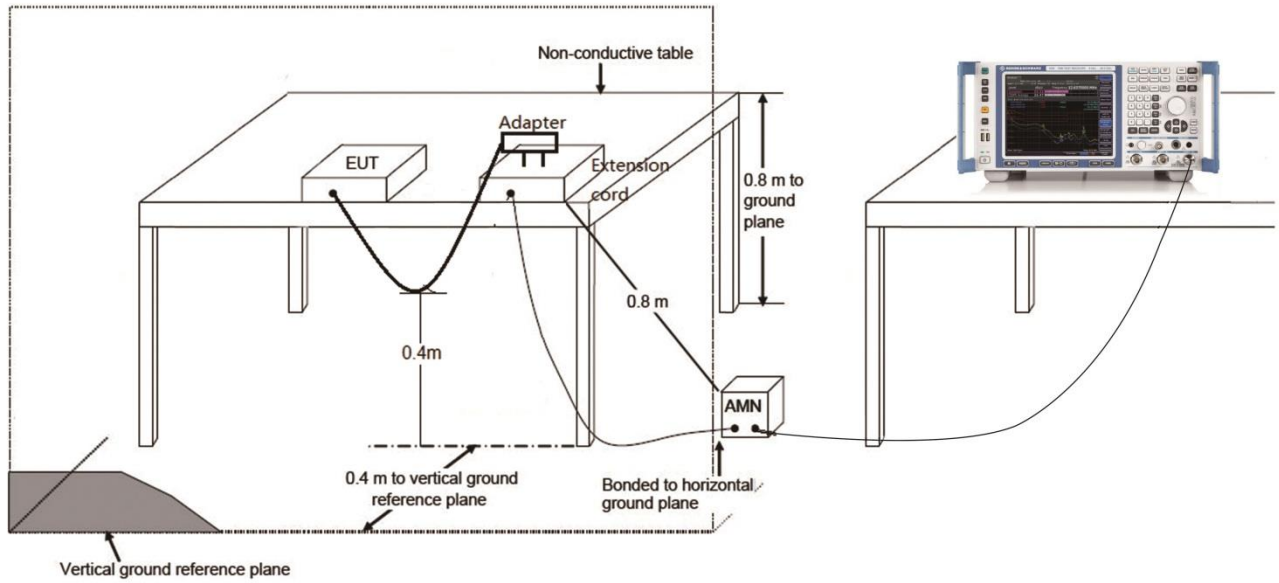
### 7.10.2.Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

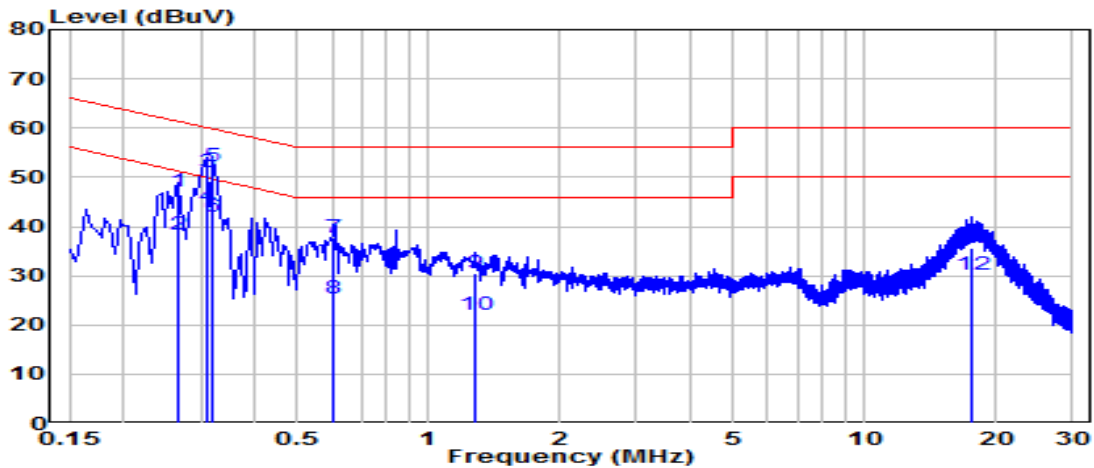
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### 7.10.3. Test Setup



### 7.10.4. Test Result

EUT	Omada AX3000 Gigabit VPN Router	Date of Test	2023-08-03
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C / 60%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_3TX	Test Voltage	AC 120V/60Hz

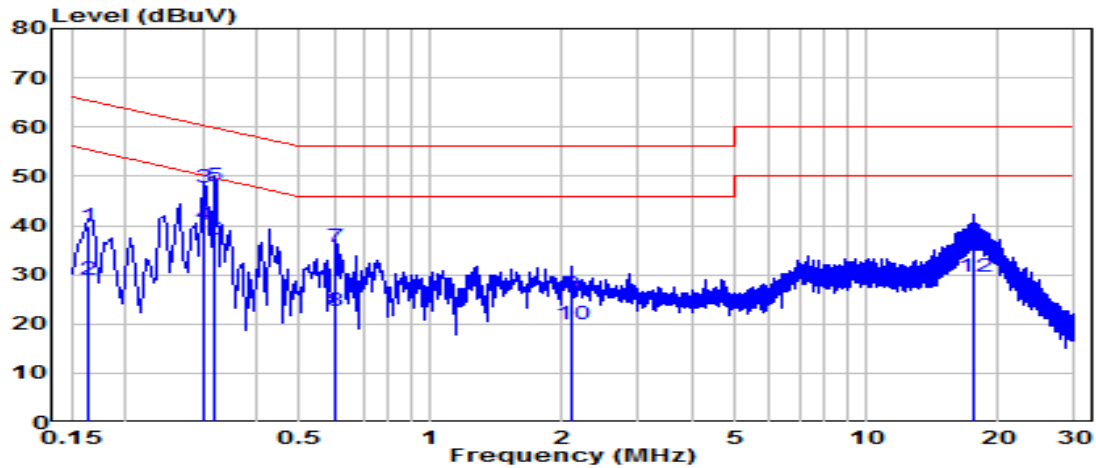


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.267	37.40	9.63	47.03	-14.18	61.21	QP
2	0.267	28.59	9.63	38.21	-13.00	51.21	Average
3	* 0.312	41.31	9.63	50.94	-8.98	59.92	QP
4	* 0.312	34.30	9.63	43.93	-5.99	49.92	Average
5	0.321	42.47	9.63	52.10	-7.59	59.68	QP
6	0.321	32.33	9.63	41.96	-7.72	49.68	Average
7	0.604	28.06	9.65	37.71	-18.29	56.00	QP
8	0.604	15.70	9.65	25.35	-20.65	46.00	Average
9	1.279	20.70	9.68	30.38	-25.62	56.00	QP
10	1.279	12.41	9.68	22.09	-23.91	46.00	Average
11	17.532	25.83	9.91	35.74	-24.26	60.00	QP
12	17.532	20.32	9.91	30.23	-19.77	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	Omada AX3000 Gigabit VPN Router	Date of Test	2023-08-03
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /60%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_3TX	Test Voltage	AC 120V/60Hz

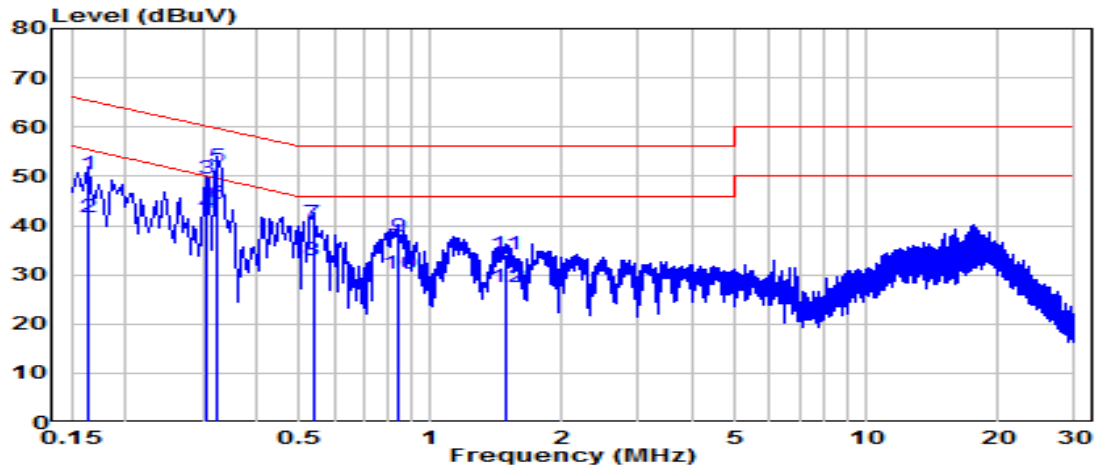


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	30.25	9.62	39.87	-25.42	65.28	QP
2	0.163	19.22	9.62	28.84	-26.44	55.28	Average
3	*	0.303	9.63	47.56	-12.60	60.16	QP
4	*	0.303	9.63	40.10	-10.06	50.16	Average
5	0.321	38.39	9.63	48.02	-11.66	59.68	QP
6	0.321	27.52	9.63	37.15	-12.53	49.68	Average
7	0.604	26.05	9.65	35.70	-20.30	56.00	QP
8	0.604	12.85	9.65	22.50	-23.50	46.00	Average
9	2.112	16.15	9.69	25.85	-30.15	56.00	QP
10	2.112	10.18	9.69	19.87	-26.13	46.00	Average
11	17.725	25.19	9.97	35.16	-24.84	60.00	QP
12	17.725	19.64	9.97	29.61	-20.39	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	Omada AX3000 Gigabit VPN Router	Date of Test	2023-08-03
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C /60%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_3TX	Test Voltage	AC 240V/60Hz



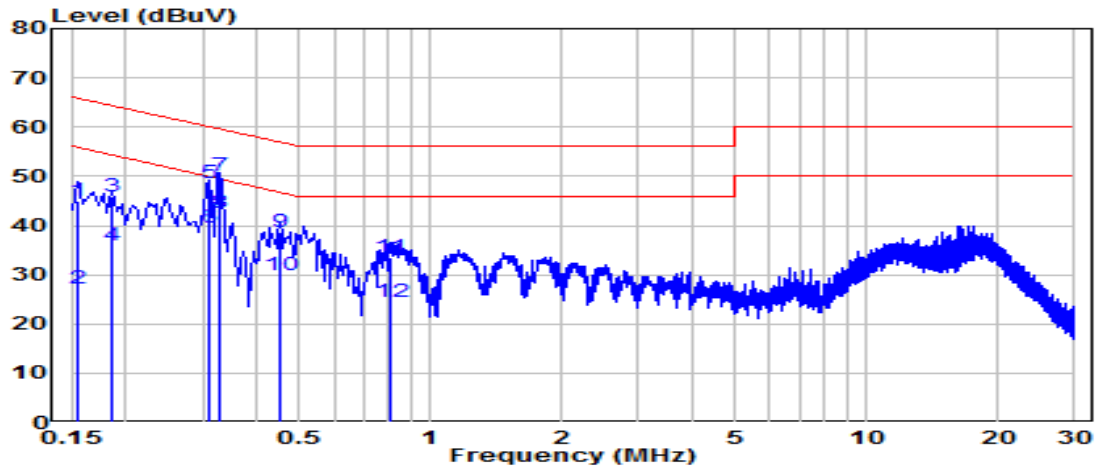
No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	40.72	9.62	50.34	-14.95	65.28	QP
2	0.163	32.19	9.62	41.81	-13.48	55.28	Average
3	0.307	39.98	9.63	49.61	-10.43	60.04	QP
4	0.307	32.97	9.63	42.60	-7.44	50.04	Average
5	*	42.26	9.63	51.89	-7.67	59.57	QP
6	*	34.68	9.63	44.31	-5.26	49.57	Average
7	0.537	30.93	9.64	40.57	-15.43	56.00	QP
8	0.537	23.17	9.64	32.81	-13.19	46.00	Average
9	0.838	28.07	9.66	37.73	-18.27	56.00	QP
10	0.838	20.52	9.66	30.18	-15.82	46.00	Average
11	1.482	24.39	9.68	34.07	-21.93	56.00	QP
12	1.482	17.79	9.68	27.47	-18.53	46.00	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	Omada AX3000 Gigabit VPN Router	Date of Test	2023-08-03
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /60%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_Band1_TX_CH 44_3TX	Test Voltage	AC 240V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.154	35.31	9.62	44.93	-20.83	65.75	QP
2	0.154	17.43	9.62	27.05	-28.71	55.75	Average
3	0.186	36.15	9.62	45.78	-18.44	64.21	QP
4	0.186	26.16	9.62	35.78	-18.43	54.21	Average
5	0.312	38.99	9.63	48.62	-11.29	59.92	QP
6	0.312	30.01	9.63	39.64	-10.28	49.92	Average
7	* 0.330	40.34	9.63	49.97	-9.48	59.45	QP
8	* 0.330	32.82	9.63	42.45	-7.01	49.45	Average
9	0.451	28.96	9.64	38.60	-18.25	56.85	QP
10	0.451	20.18	9.64	29.82	-17.03	46.85	Average
11	0.807	23.87	9.66	33.53	-22.47	56.00	QP
12	0.807	14.67	9.66	24.33	-21.67	46.00	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

## **Appendix A : Test Setup Photograph**

Refer to “2307TW0106-UT” file.

## **Appendix B : External Photograph**

Refer to “2307TW0106-UE” file.

## **Appendix C : Internal Photograph**

Refer to “2307TW0106-UI” file.

————— The End —————