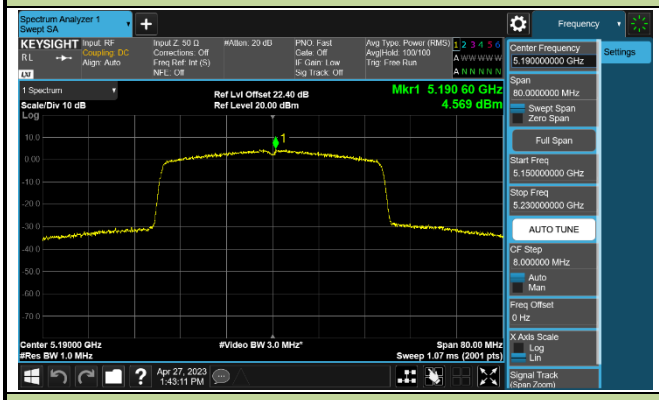
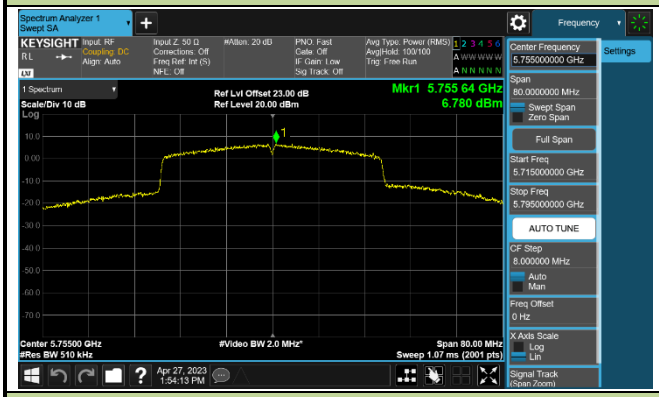
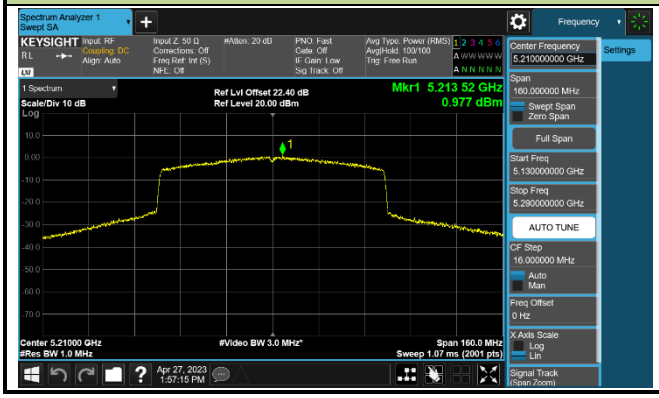
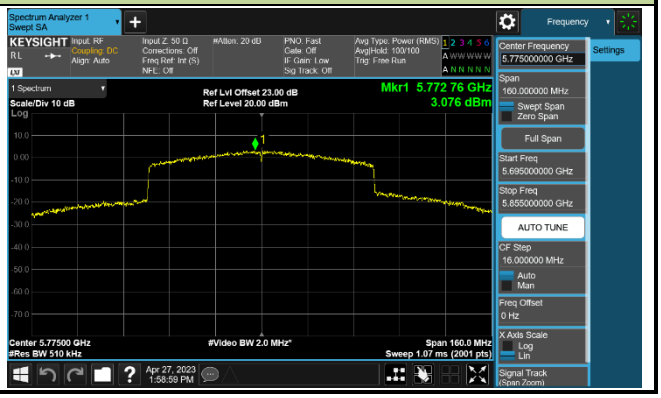
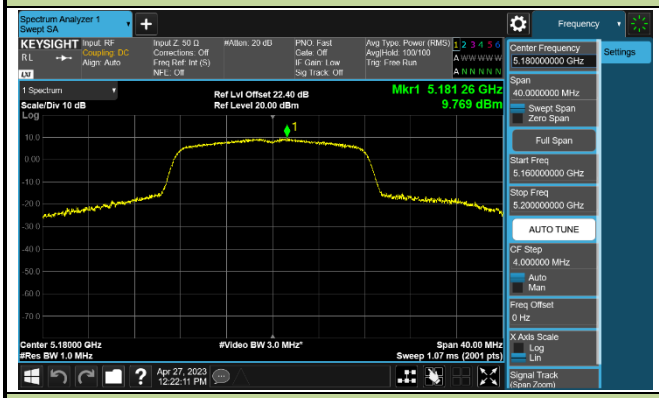
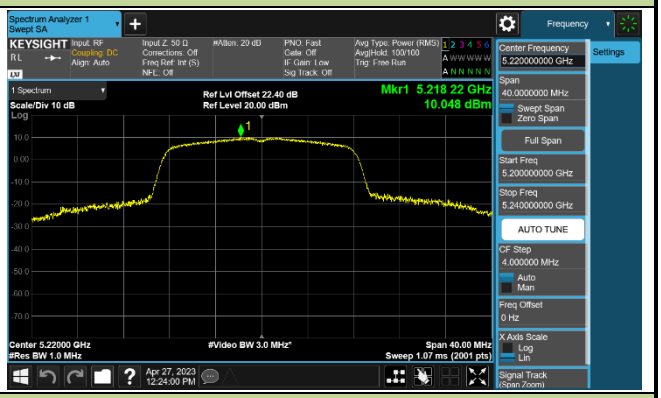
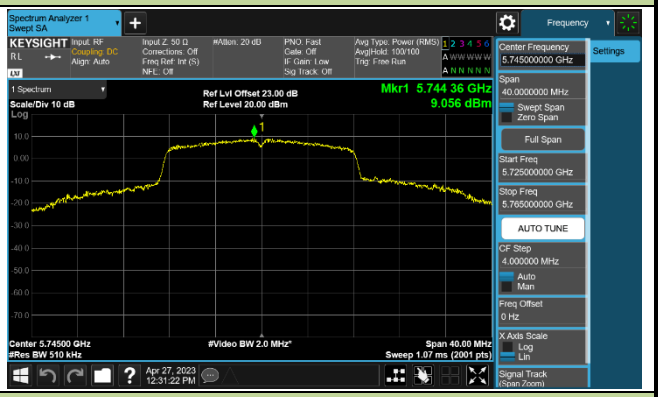
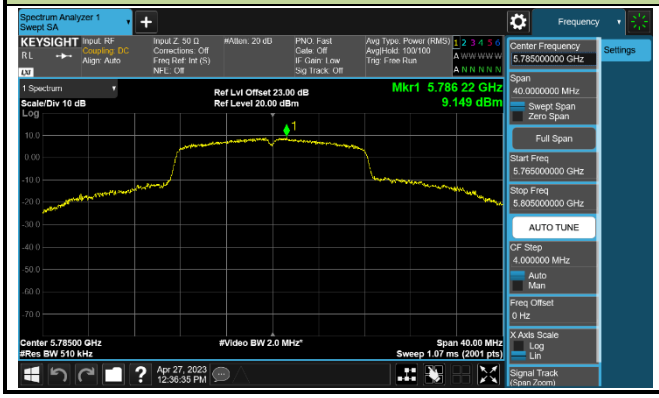
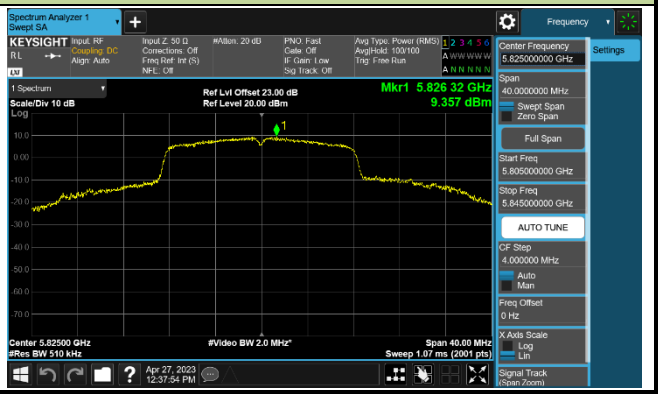
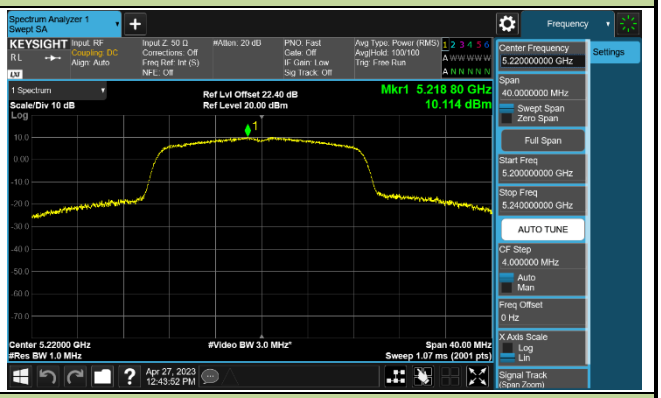
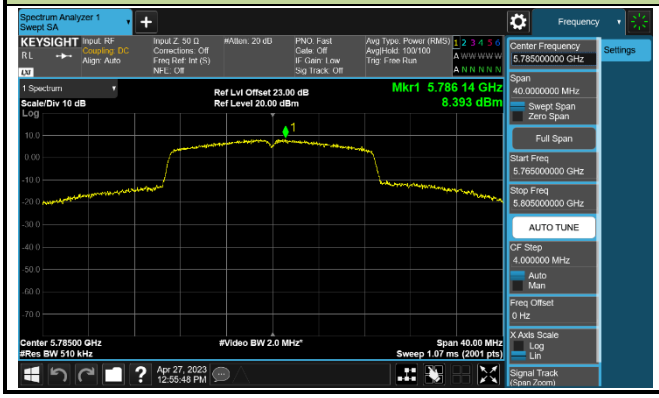
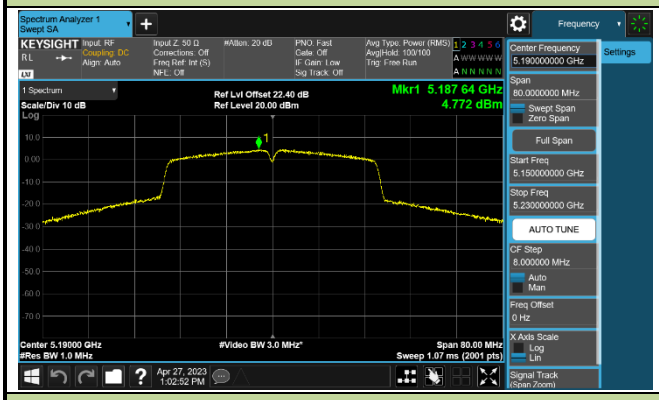
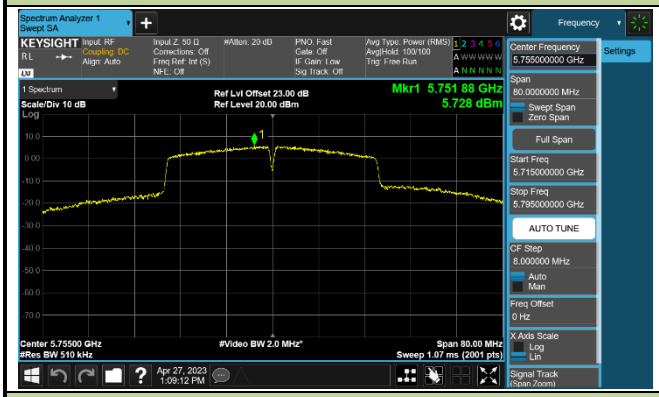
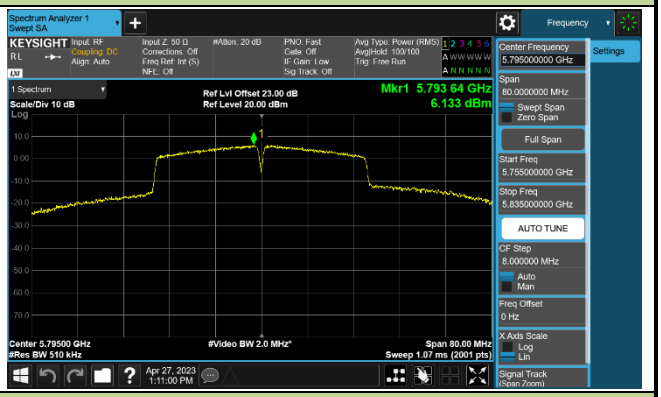
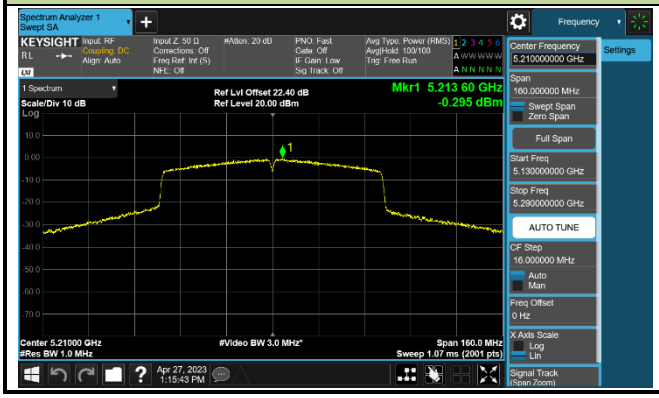
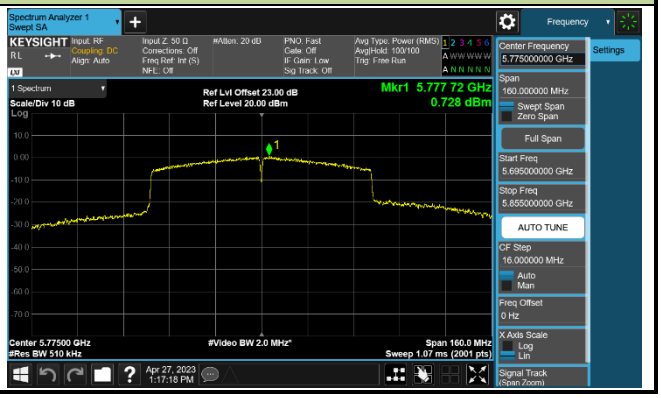
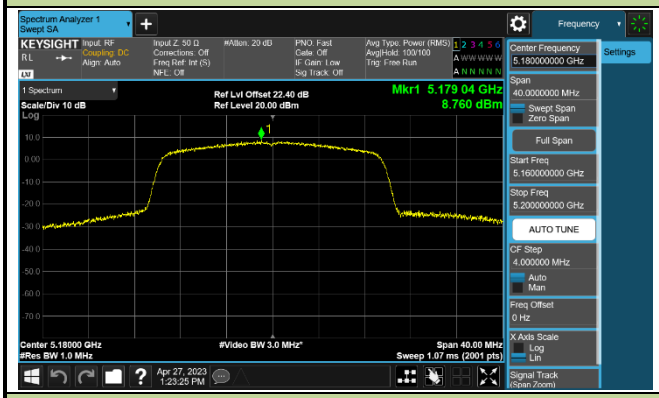
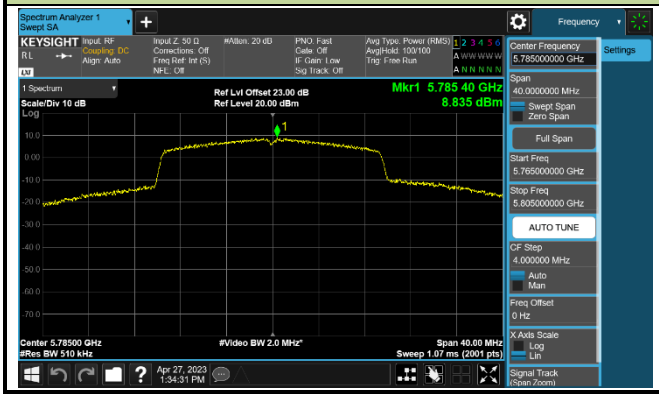
802.11ax-HE40 Power Spectral Density - Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density - Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11a Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

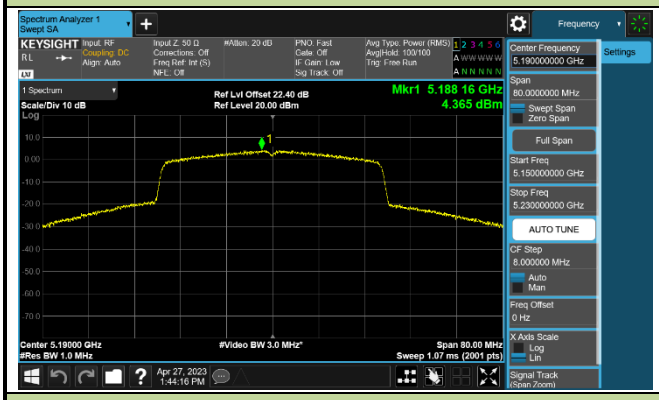
802.11ac-VHT20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT40 Power Spectral Density - Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ac-VHT80 Power Spectral Density - Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11ax-HE20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ax-HE40 Power Spectral Density - Ant 1

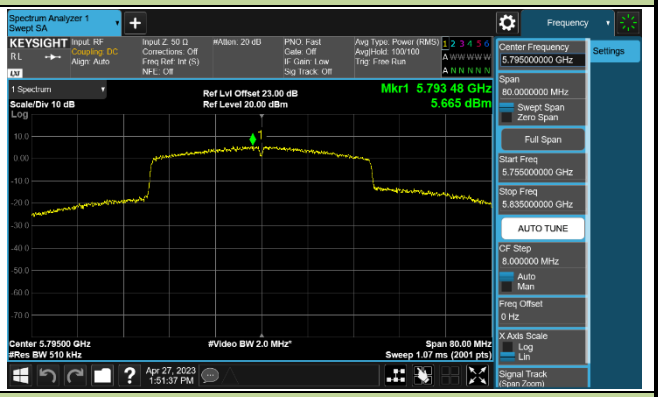
Channel 38 (5190MHz)



Channel 46 (5230MHz)

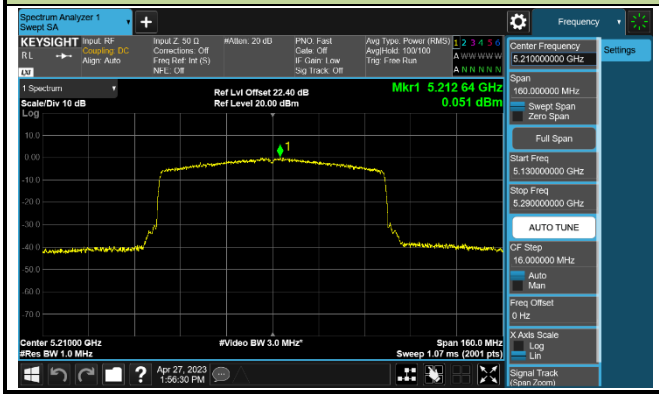
Channel 151 (5755MHz)

Channel 159 (5795MHz)

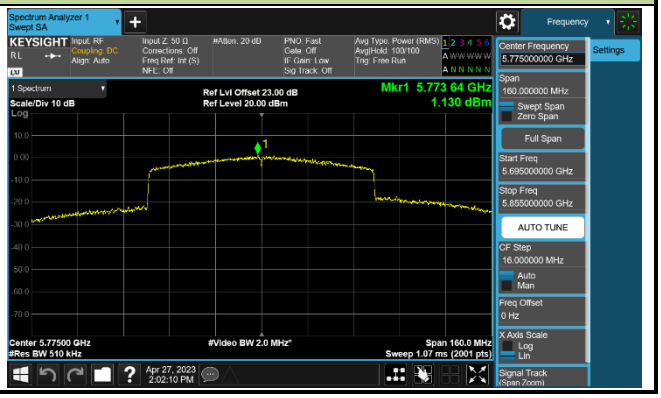


802.11ax-HE80 Power Spectral Density - Ant 1

Channel 42 (5210MHz)



Channel 155 (5775MHz)



7.6. Frequency Stability Measurement

7.6.1. 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.

7.6.2. Test Limit

Frequency Stability Under Temperature Variations:

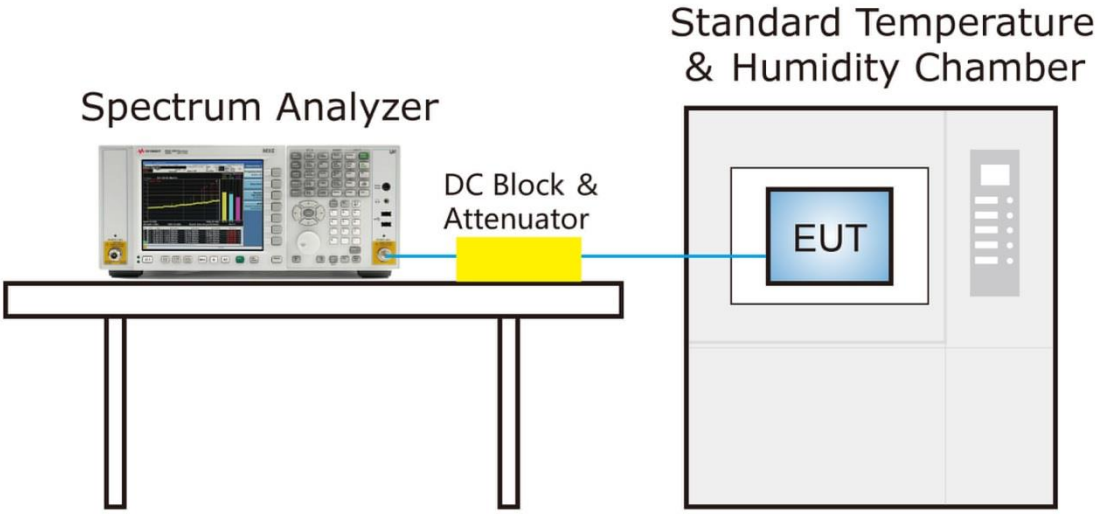
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 (±15%) and endpoint, record the maximum frequency change.

7.6.3. Test Setup



7.6.4. 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.

7.7. Radiated Spurious Emission Measurement

7.7.1.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

7.7.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.7.3.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 ≥ 98%, set VBW = 10 Hz.

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

4. Detector = Peak

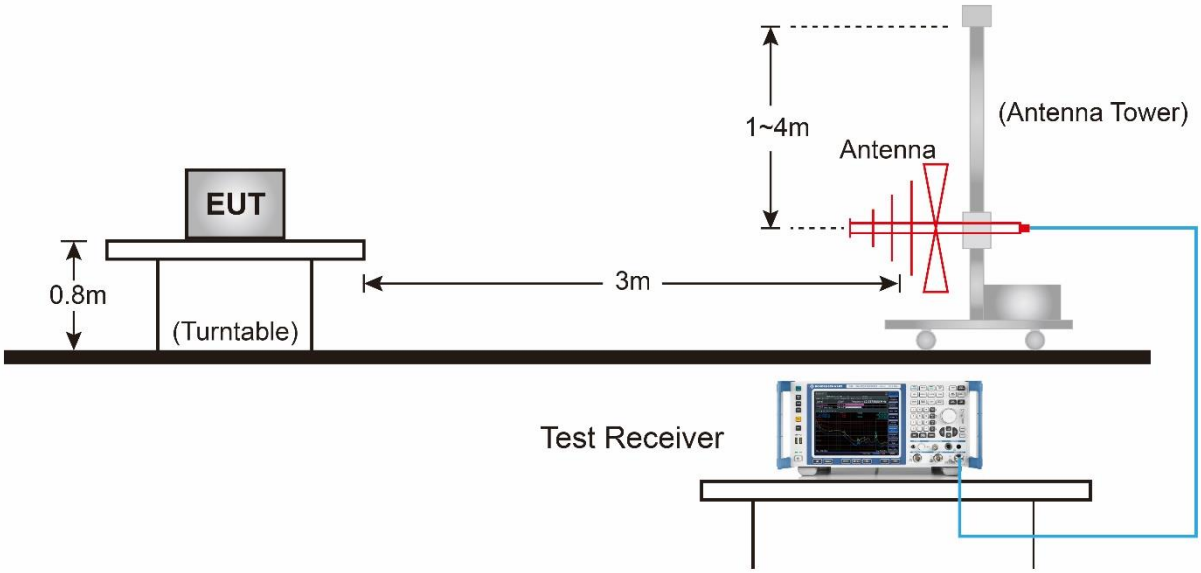
5. Sweep time = auto

6. Trace mode = max hold

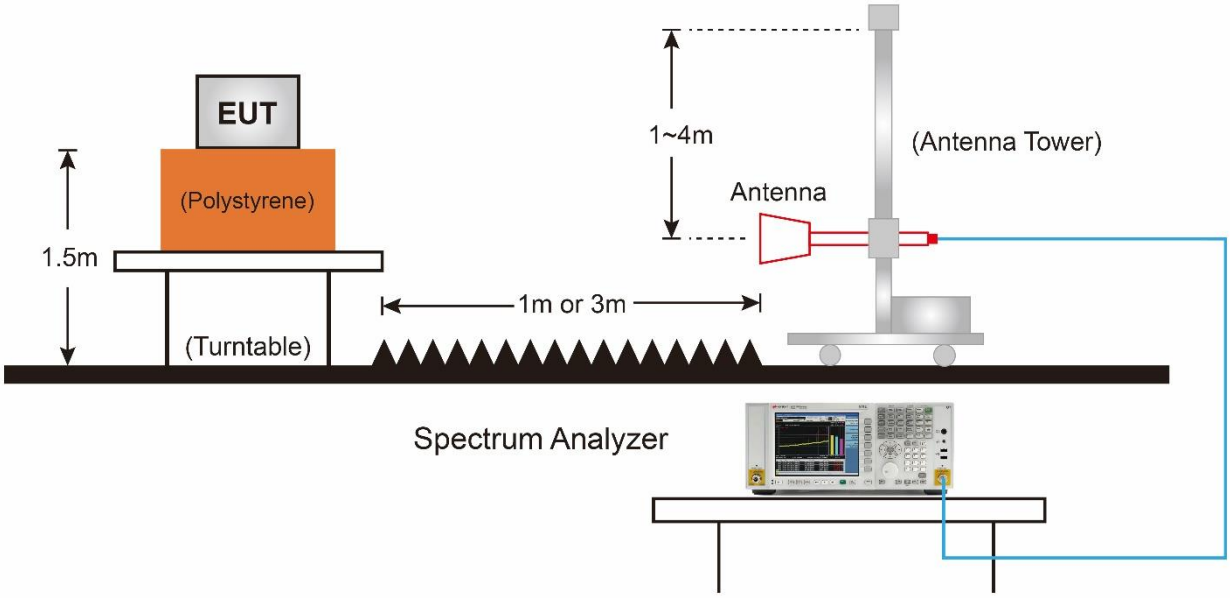
7. Trace was allowed to stabilize

7.7.4.Test Setup

Below 1GHz Test Setup:

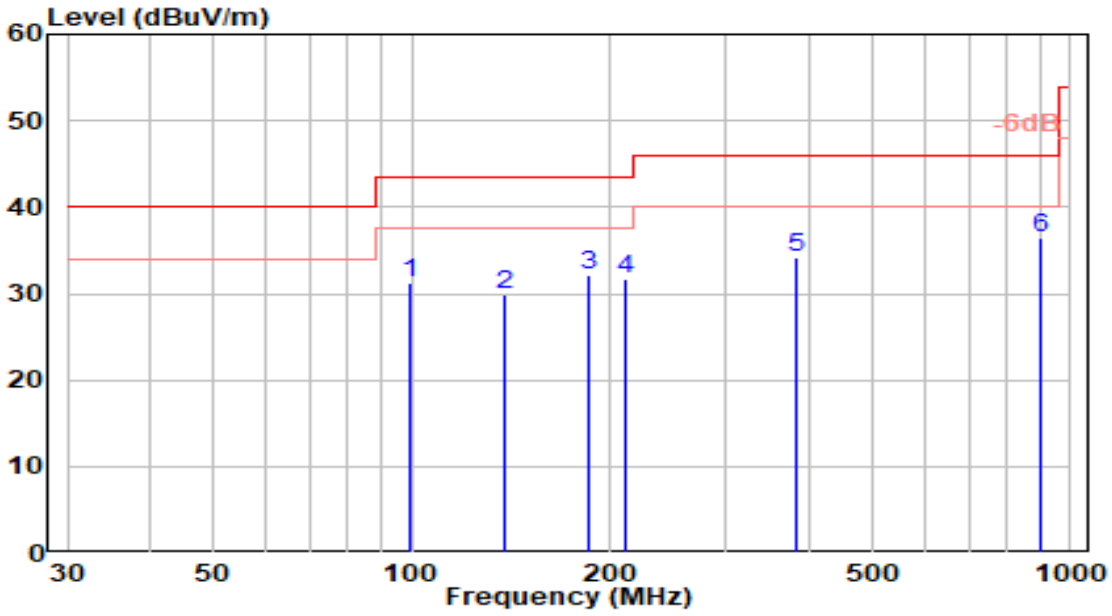


Above 1GHz Test Setup:



7.7.5.Test Result

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-21
Factor	VULB 9162	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

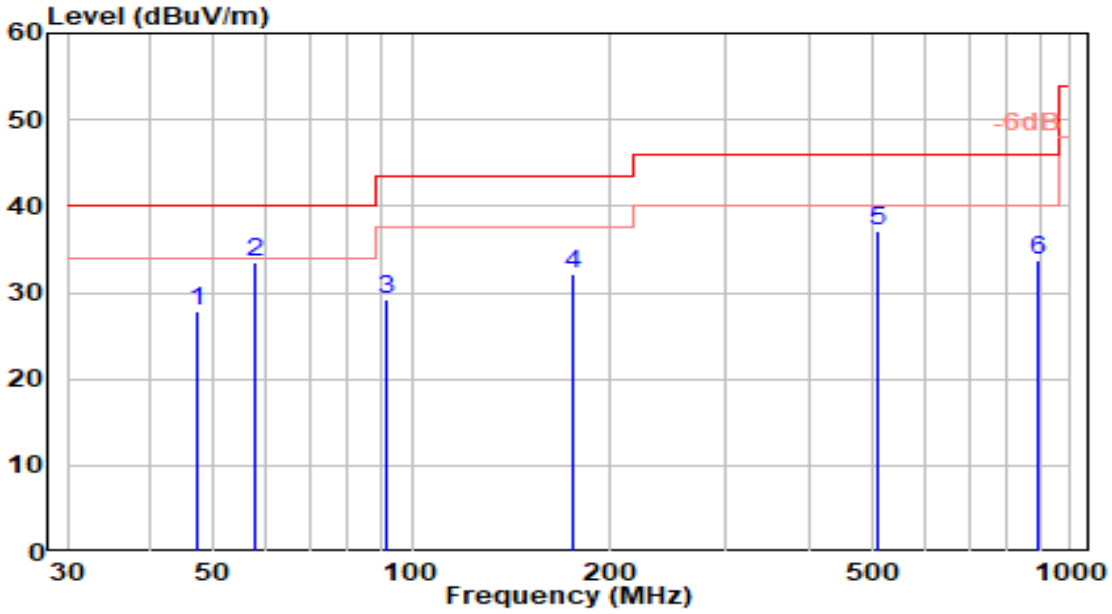


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		99.090	12.94	18.26	31.21	-12.29	43.50	150	336	QP
2		138.400	15.22	14.76	29.97	-13.53	43.50	100	120	QP
3		185.590	15.20	17.01	32.21	-11.29	43.50	200	42	QP
4		210.360	14.01	17.73	31.74	-11.76	43.50	150	261	QP
5		382.220	11.34	22.81	34.15	-11.85	46.00	200	155	QP
6	*	899.950	5.49	30.88	36.37	-9.63	46.00	100	42	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-21
Factor	VULB 9162	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

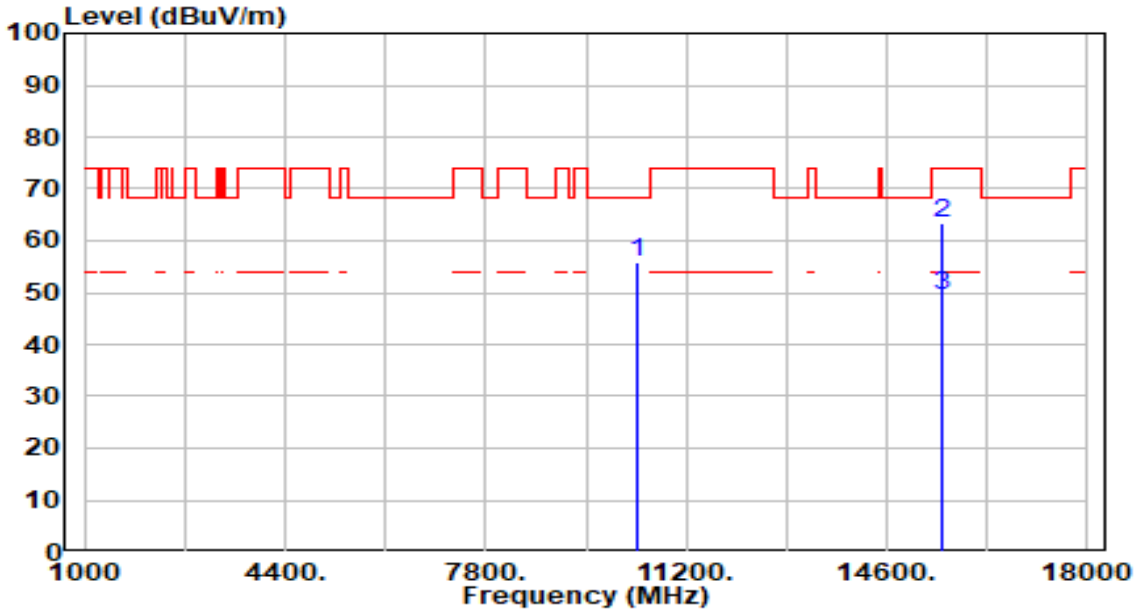


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		47.430	7.32	20.54	27.86	-12.14	40.00	100	44	QP
2	*	57.810	14.15	19.45	33.60	-6.40	40.00	200	56	QP
3		91.630	12.20	16.97	29.17	-14.33	43.50	200	56	QP
4		175.420	16.06	16.03	32.09	-11.41	43.50	100	0	QP
5		509.650	12.03	25.03	37.07	-8.93	46.00	150	64	QP
6		892.790	2.85	30.84	33.69	-12.31	46.00	150	40	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

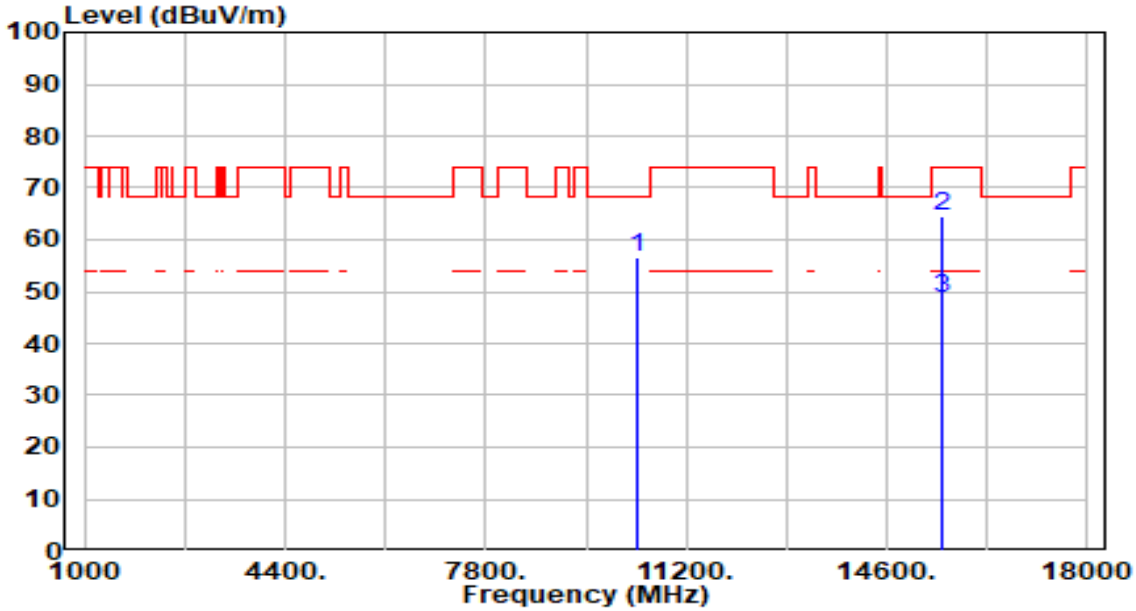


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	52.53	3.19	55.72	-12.48	68.20	300	179	Peak
2	*	15540.000	58.57	4.74	63.31	-10.69	74.00	100	133	Peak
3	*	15540.000	44.55	4.74	49.29	-4.71	54.00	100	133	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

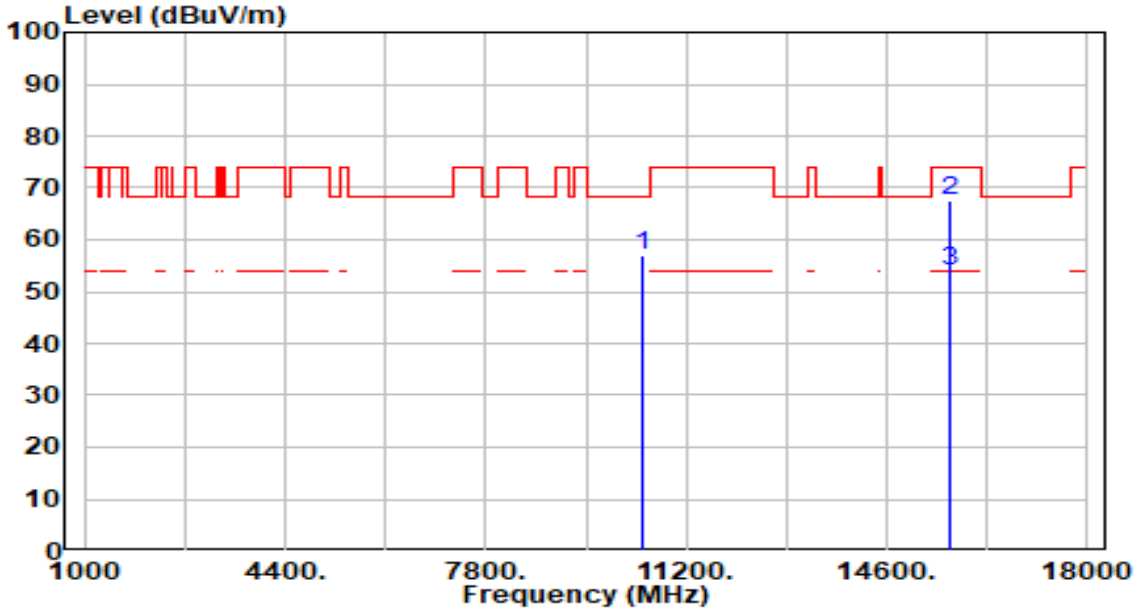


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	53.41	3.19	56.60	-11.60	68.20	100	112	Peak
2	*	15540.000	59.61	4.74	64.35	-9.65	74.00	100	110	Peak
3	*	15540.000	44.01	4.74	48.75	-5.25	54.00	100	110	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

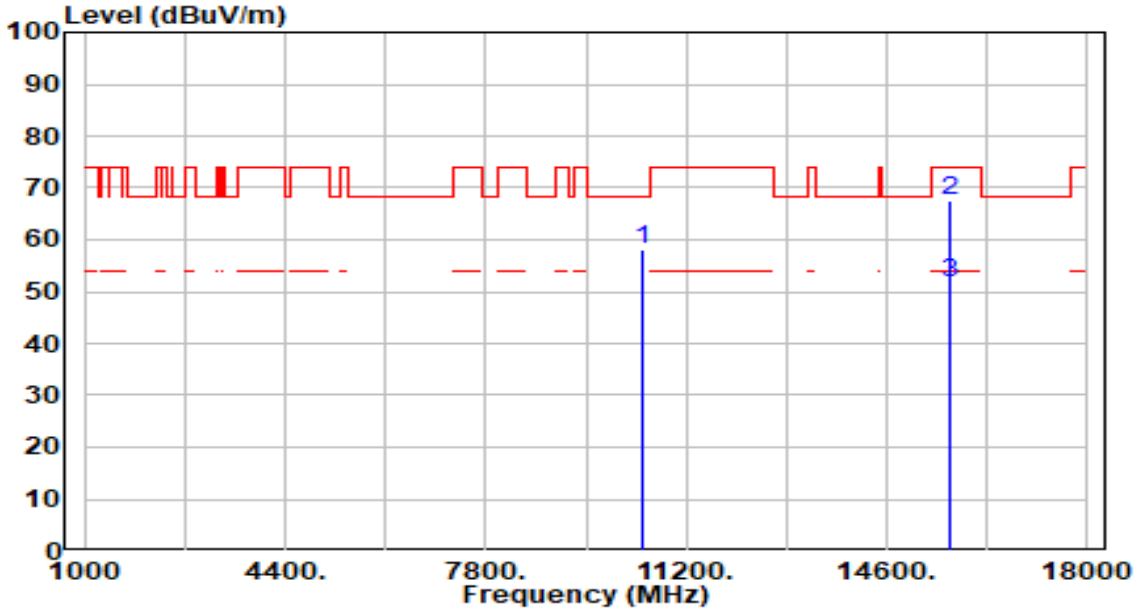


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	53.66	3.15	56.81	-11.39	68.20	100	64	Peak
2	*	15660.000	62.73	4.89	67.62	-6.38	74.00	100	131	Peak
3	*	15660.000	48.93	4.89	53.82	-0.18	54.00	100	131	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

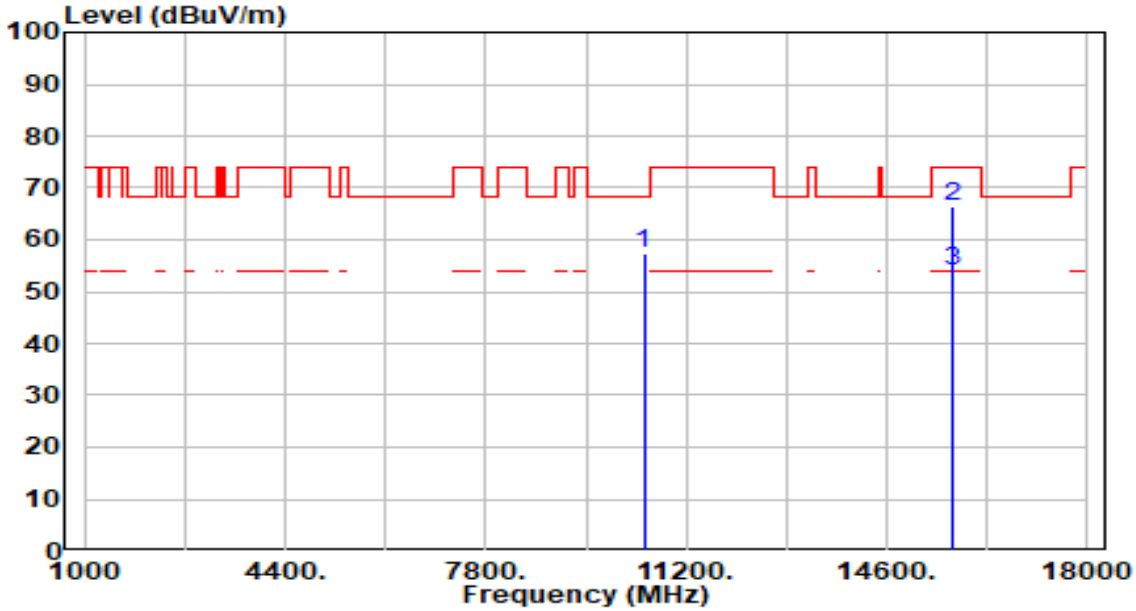


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	54.86	3.15	58.01	-10.19	68.20	100	120	Peak
2	*	15660.000	62.63	4.89	67.52	-6.48	74.00	100	110	Peak
3	*	15660.000	46.97	4.89	51.86	-2.14	54.00	100	110	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

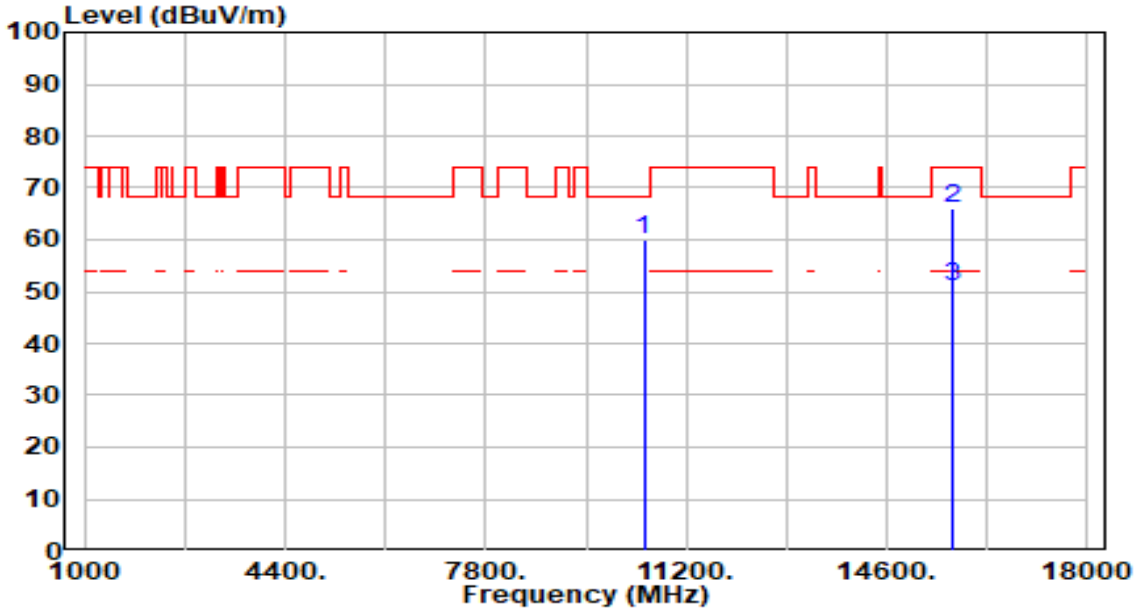


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	54.20	3.11	57.31	-10.89	68.20	100	95	Peak
2	*	15720.000	61.58	5.02	66.60	-7.40	74.00	100	135	Peak
3	*	15720.000	48.86	5.02	53.88	-0.12	54.00	100	135	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

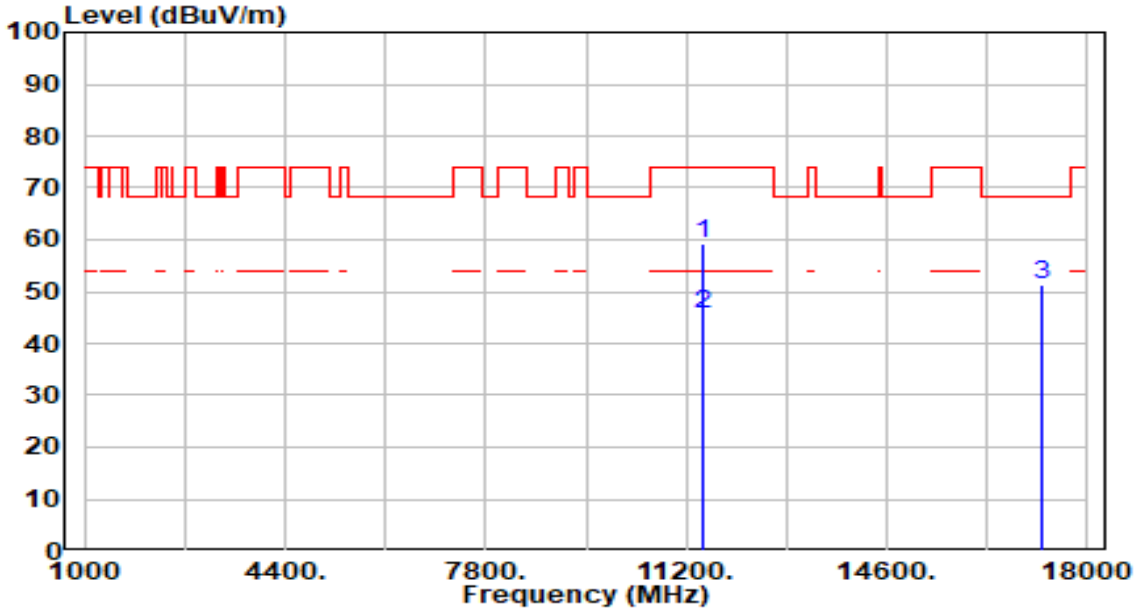


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	56.89	3.11	60.00	-8.20	68.20	100	315	Peak
2	*	15720.000	61.02	5.02	66.04	-7.96	74.00	100	104	Peak
3	*	15720.000	45.96	5.02	50.98	-3.02	54.00	100	104	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

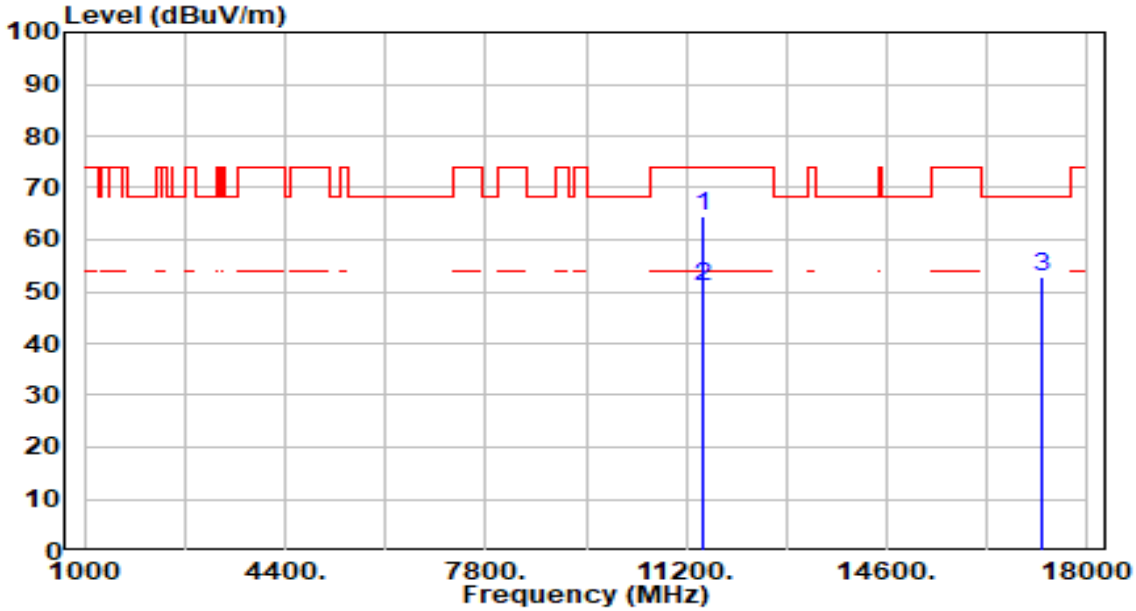


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	55.29	3.92	59.21	-14.79	74.00	100	106	Peak
2	*	11490.000	41.61	3.92	45.53	-8.47	54.00	100	106	Average
3		17235.000	47.35	4.06	51.41	-16.79	68.20	100	125	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

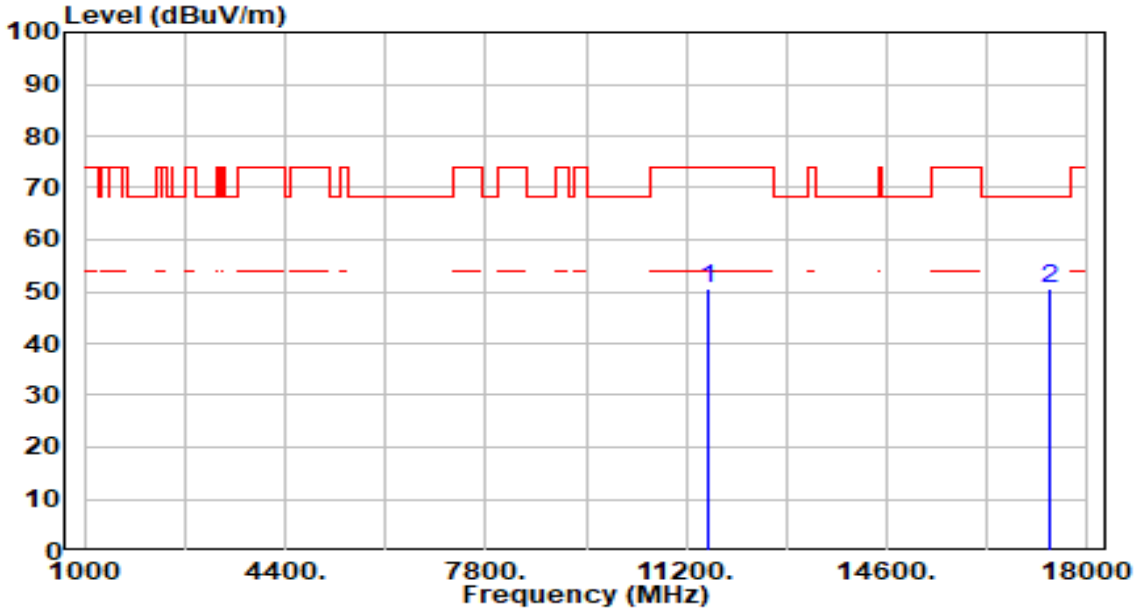


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	60.48	3.92	64.40	-9.60	74.00	100	149	Peak
2	*	11490.000	47.08	3.92	51.00	-3.00	54.00	100	149	Average
3		17235.000	48.72	4.06	52.78	-15.42	68.20	100	289	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

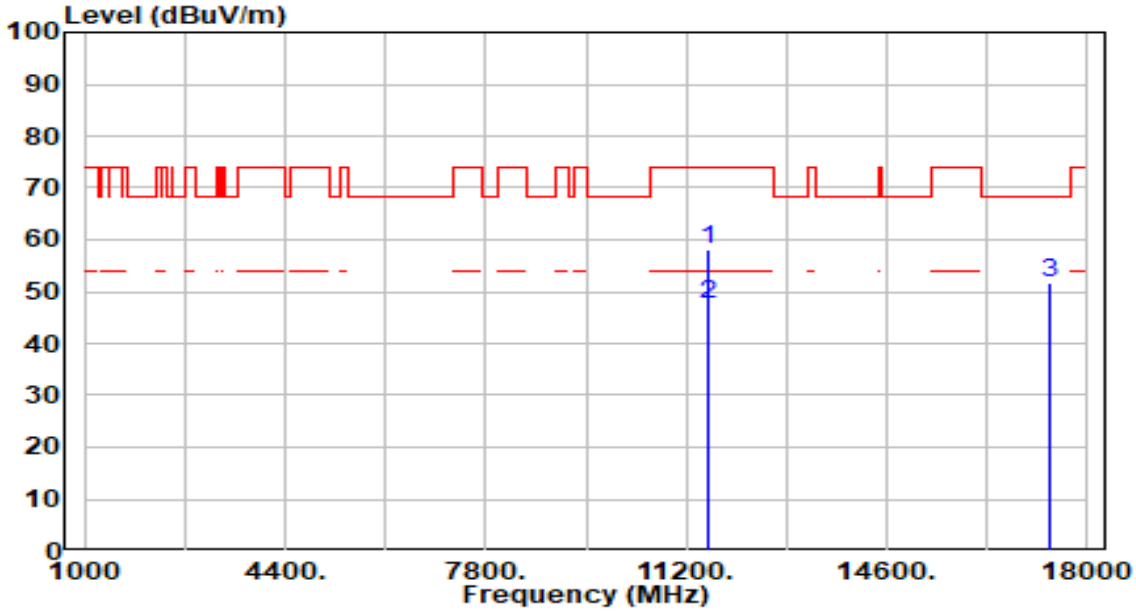


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	46.80	3.94	50.74	-23.26	74.00	100	105	Peak
2	*	17355.000	46.88	3.78	50.66	-17.54	68.20	100	135	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

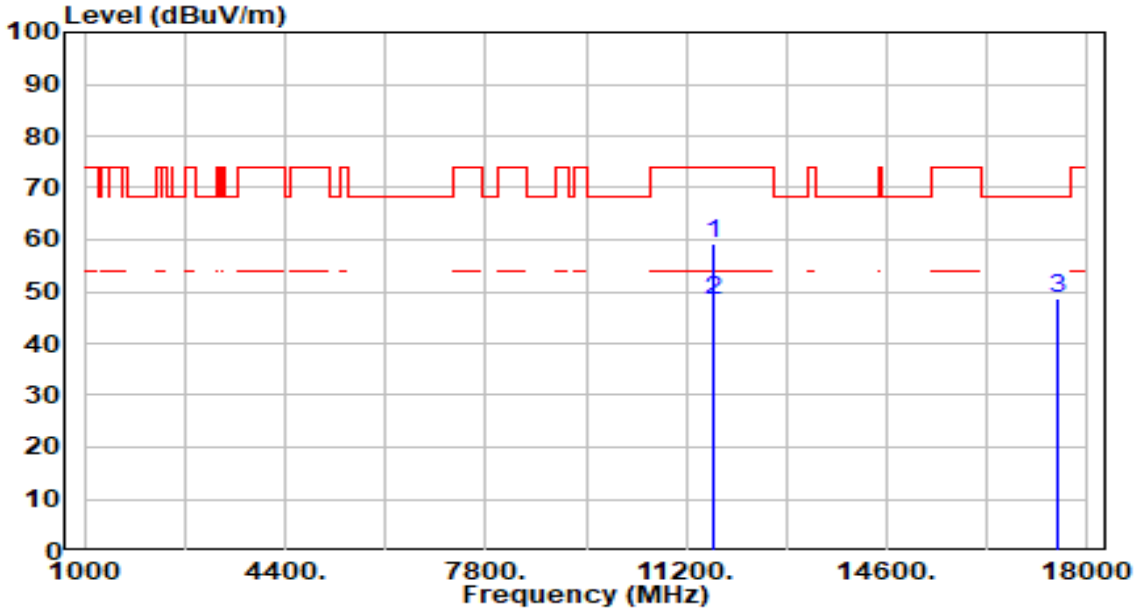


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	54.08	3.94	58.02	-15.98	74.00	100	126	Peak
2	*	11570.000	43.59	3.94	47.53	-6.47	54.00	100	126	Average
3		17355.000	47.88	3.78	51.66	-16.54	68.20	100	65	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

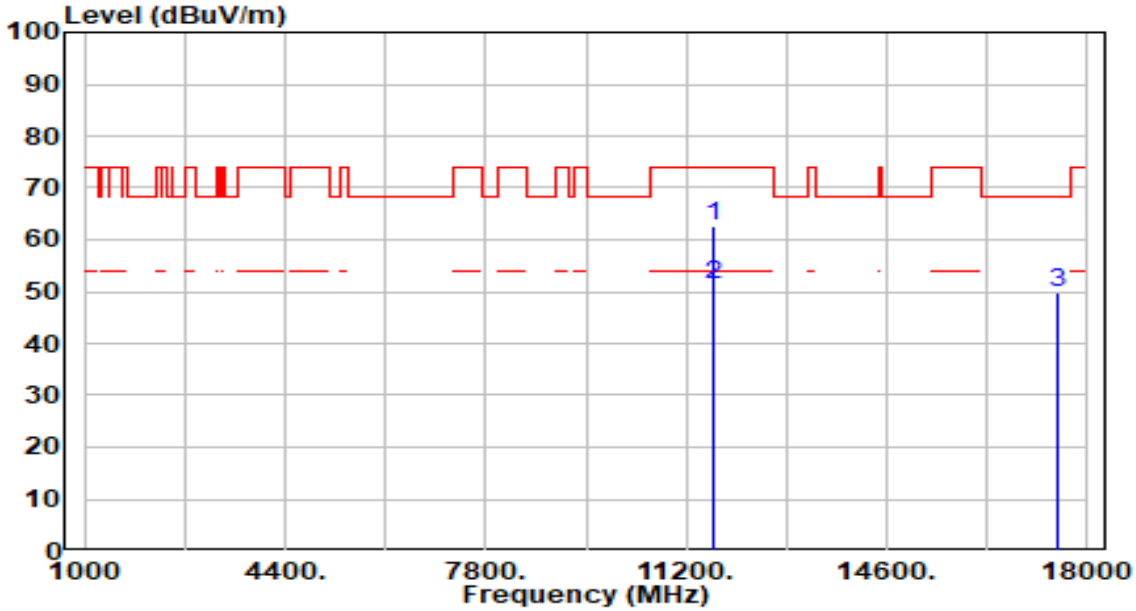


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	55.37	3.94	59.31	-14.69	74.00	100	101	Peak
2	*	11650.000	44.31	3.94	48.25	-5.75	54.00	100	101	Average
3		17475.000	45.05	3.65	48.70	-19.50	68.20	100	33	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).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

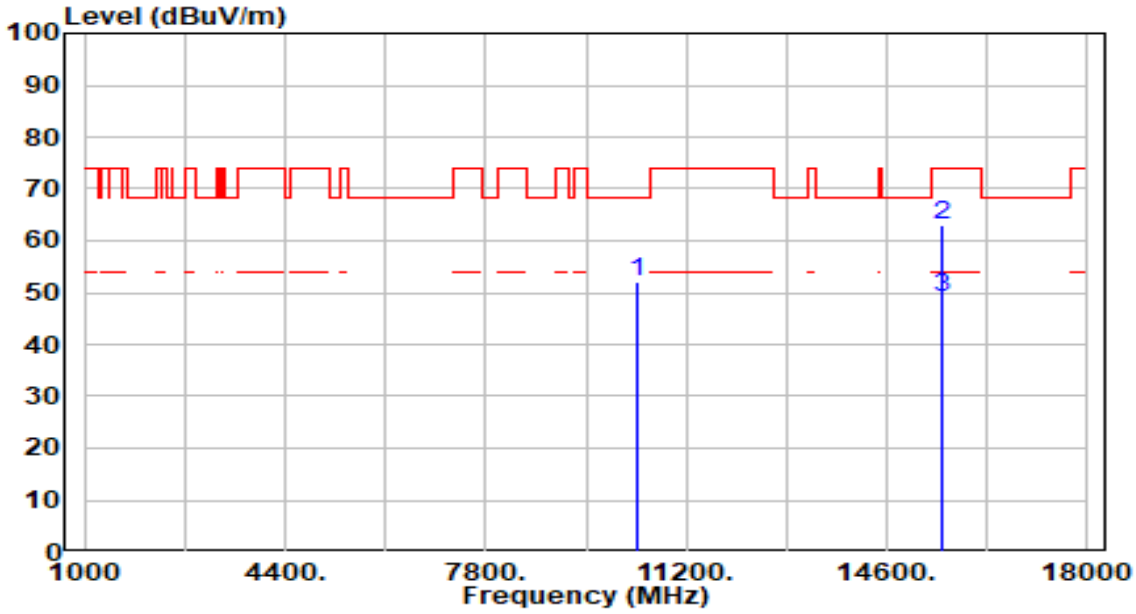


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	58.74	3.94	62.68	-11.32	74.00	100	126	Peak
2	*	11650.000	47.53	3.94	51.47	-2.53	54.00	100	126	Average
3		17475.000	46.12	3.65	49.77	-18.43	68.20	100	360	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

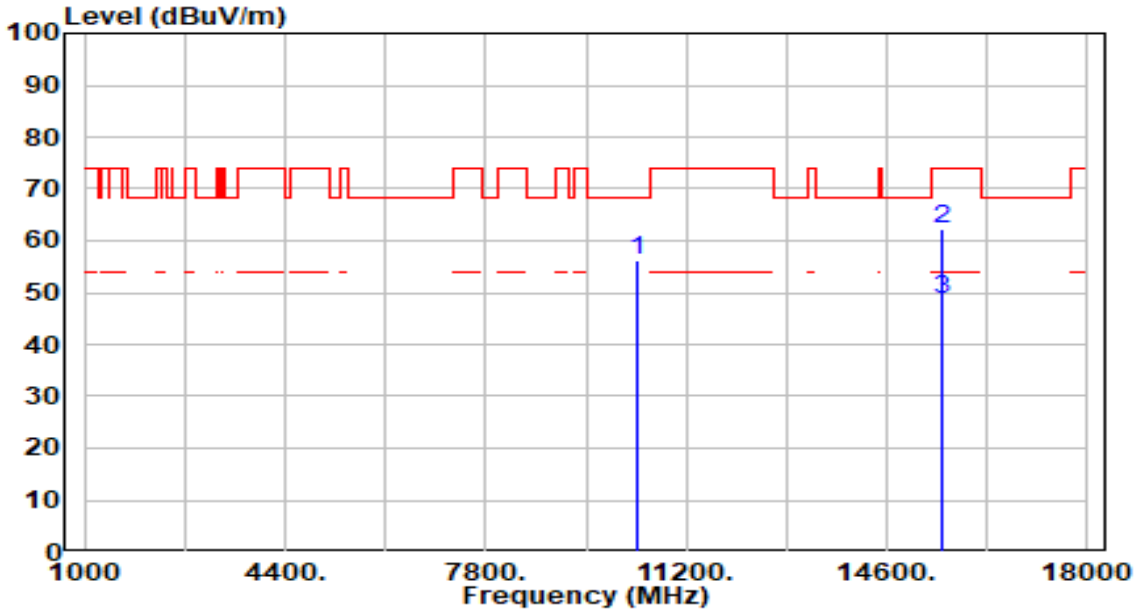


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	48.70	3.19	51.90	-16.30	68.20	100	57	Peak
2	*	15540.000	58.32	4.74	63.06	-10.94	74.00	100	133	Peak
3	*	15540.000	44.28	4.74	49.02	-4.98	54.00	100	133	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

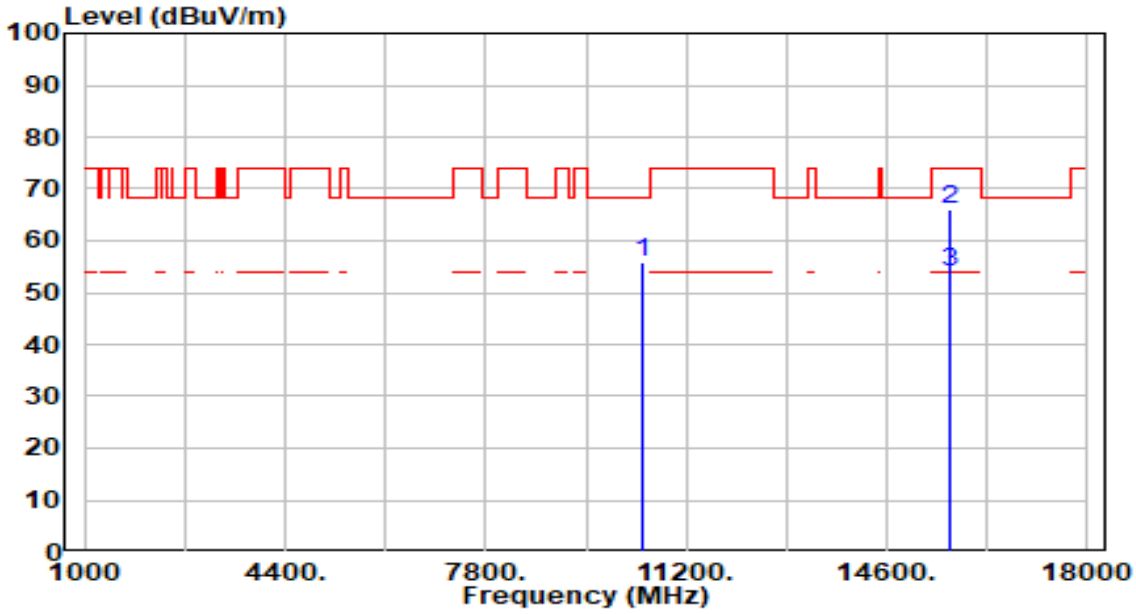


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	52.87	3.19	56.06	-12.14	68.20	100	118	Peak
2	*	15540.000	57.50	4.74	62.24	-11.76	74.00	104	110	Peak
3	*	15540.000	43.92	4.74	48.66	-5.34	54.00	104	110	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-25
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

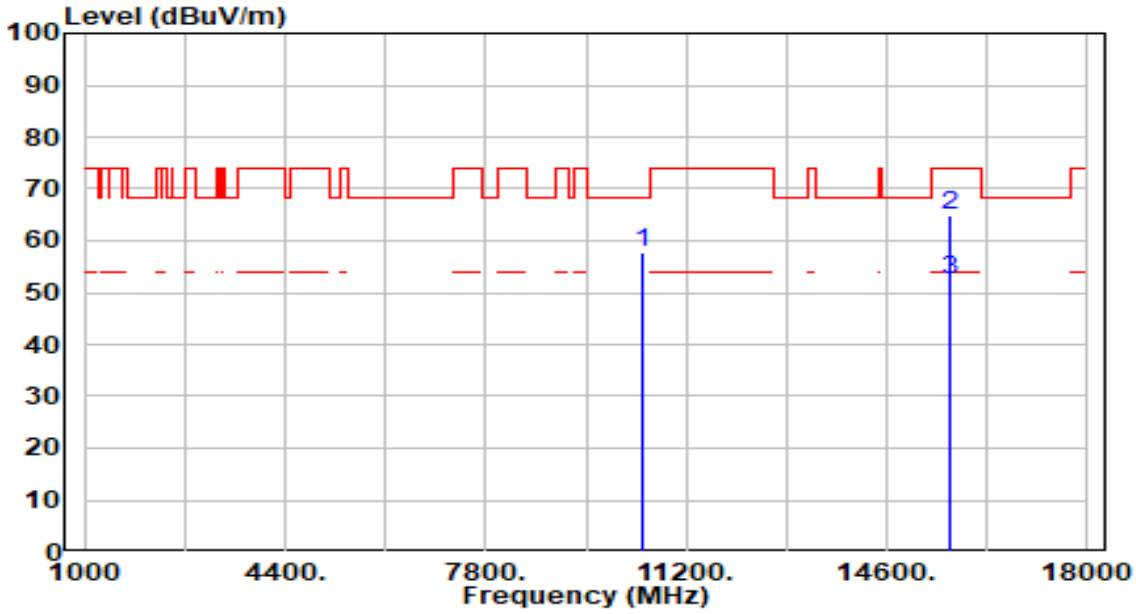


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	52.54	3.15	55.68	-12.52	68.20	100	66	Peak
2	*	15660.000	61.28	4.89	66.17	-7.83	74.00	100	130	Peak
3	*	15660.000	48.93	4.89	53.82	-0.18	54.00	100	130	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

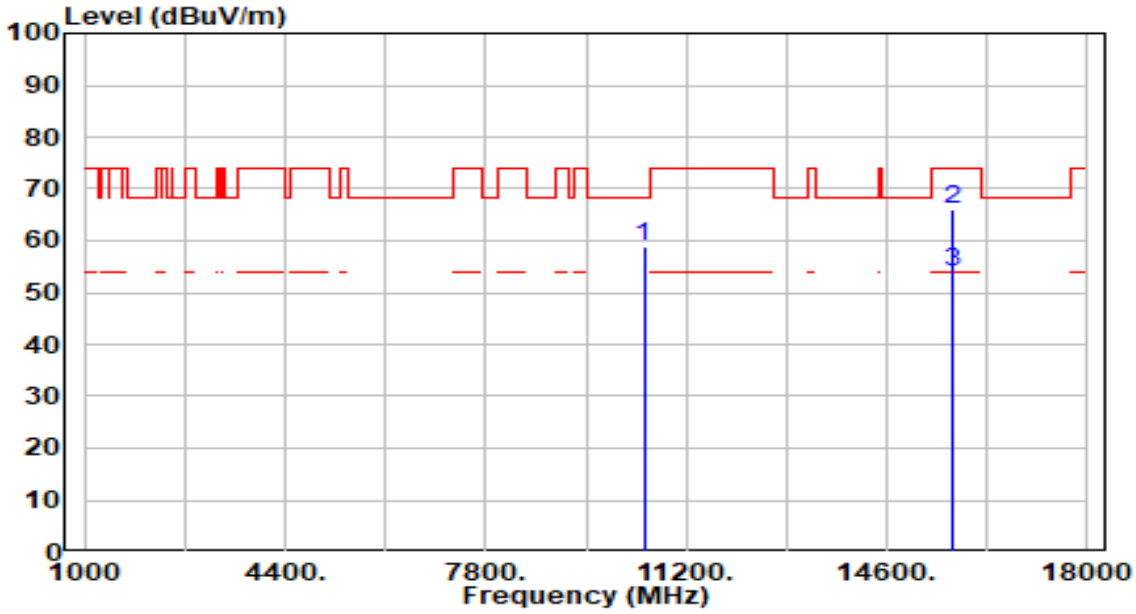


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	54.53	3.15	57.68	-10.52	68.20	100	111	Peak
2	*	15660.000	60.02	4.89	64.91	-9.09	74.00	100	108	Peak
3	*	15660.000	47.40	4.89	52.29	-1.71	54.00	100	108	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-25
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

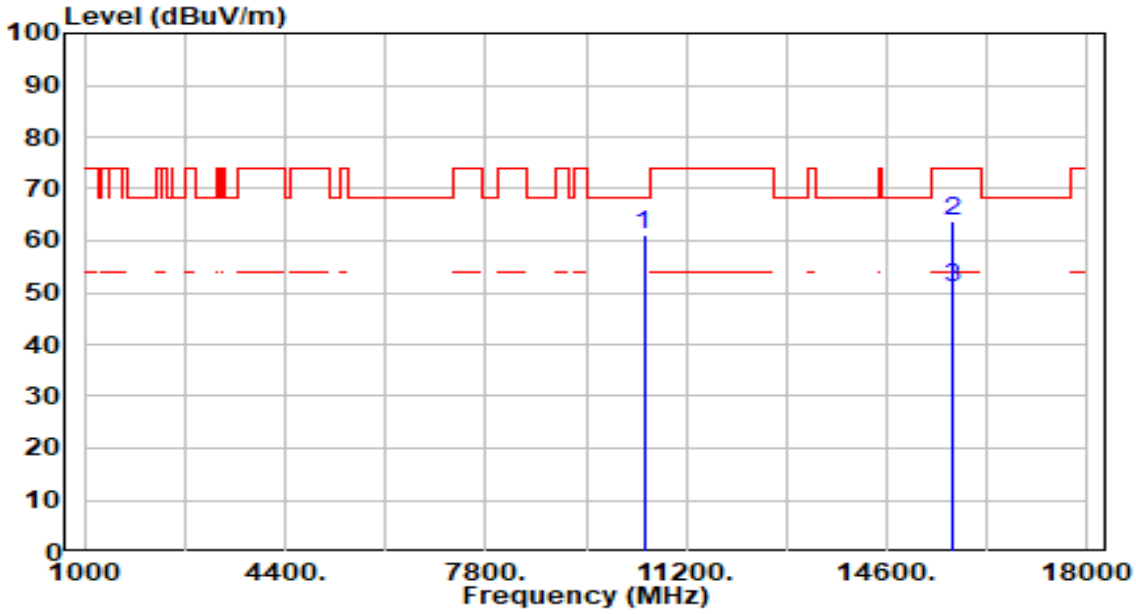


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	55.93	3.11	59.04	-9.16	68.20	100	64	Peak
2	*	15720.000	60.88	5.02	65.90	-8.10	74.00	100	134	Peak
3	*	15720.000	48.80	5.02	53.82	-0.18	54.00	100	134	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

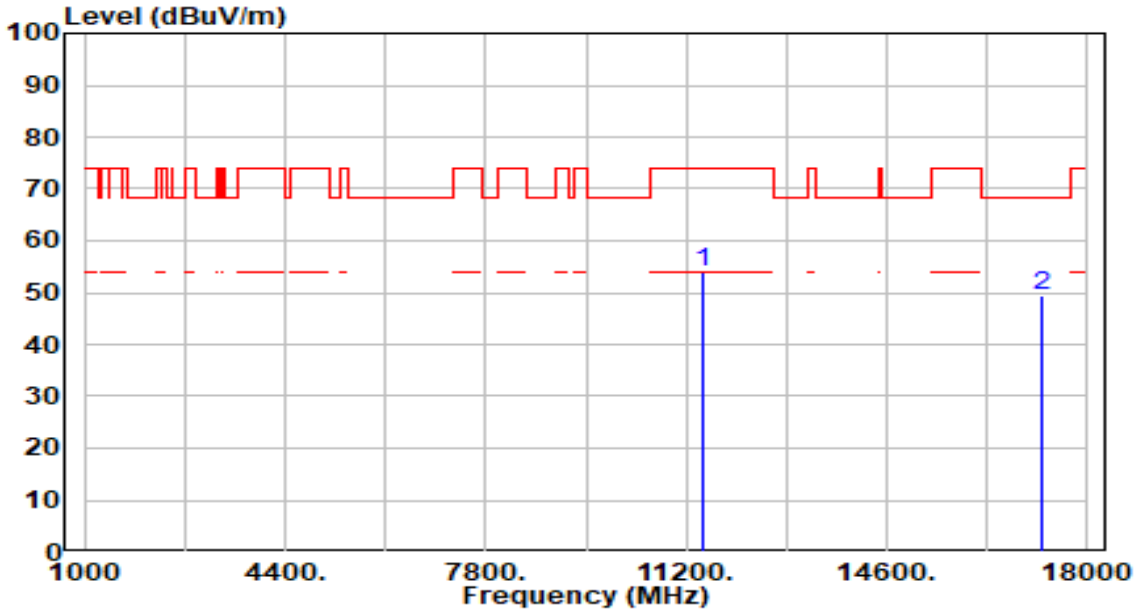


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	57.87	3.11	60.98	-7.22	68.20	100	114	Peak
2	*	15720.000	58.80	5.02	63.82	-10.18	74.00	100	104	Peak
3	*	15720.000	45.74	5.02	50.76	-3.24	54.00	100	104	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

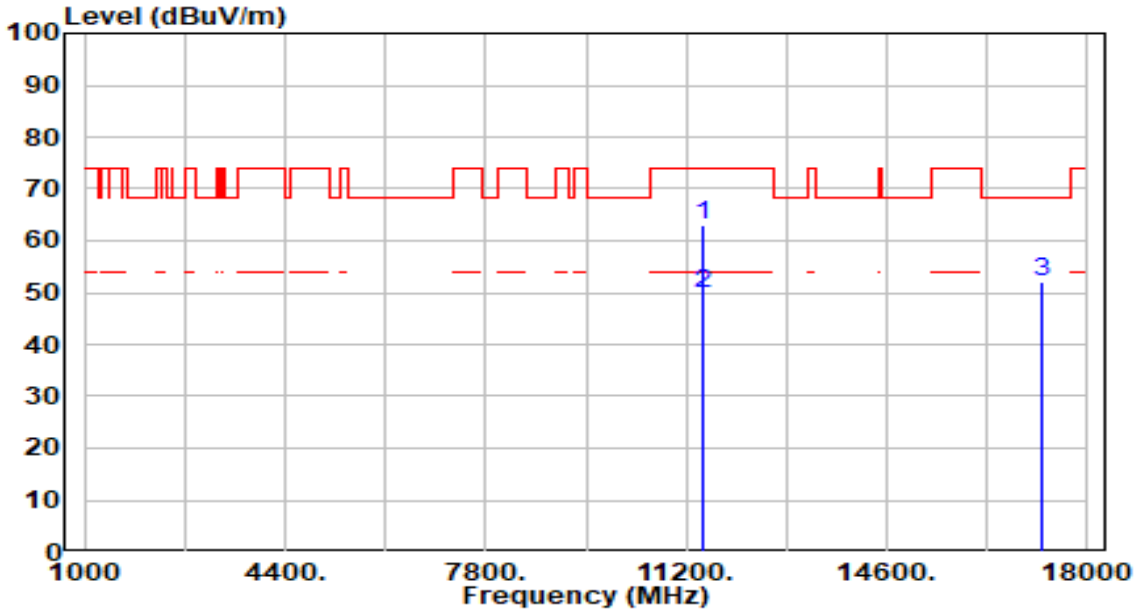


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	49.85	3.92	53.78	-20.22	74.00	100	110	Peak
2	*	17235.000	45.28	4.06	49.34	-18.86	68.20	100	138	Peak

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

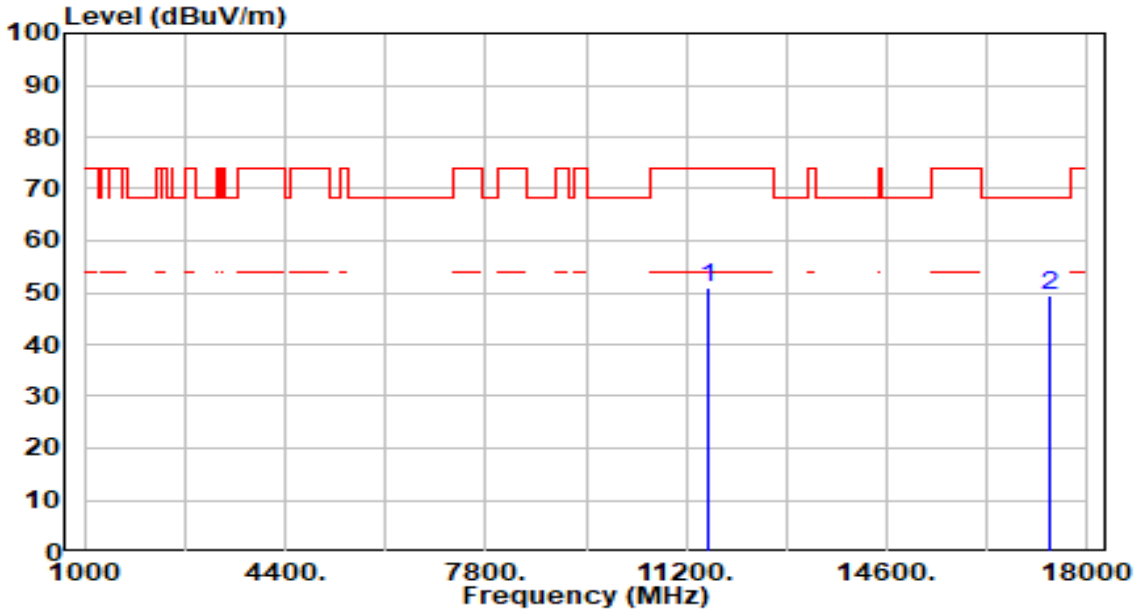


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	59.26	3.92	63.18	-10.82	74.00	112	148	Peak
2	*	11490.000	45.77	3.92	49.69	-4.31	54.00	112	148	Average
3		17235.000	47.87	4.06	51.93	-16.27	68.20	100	76	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

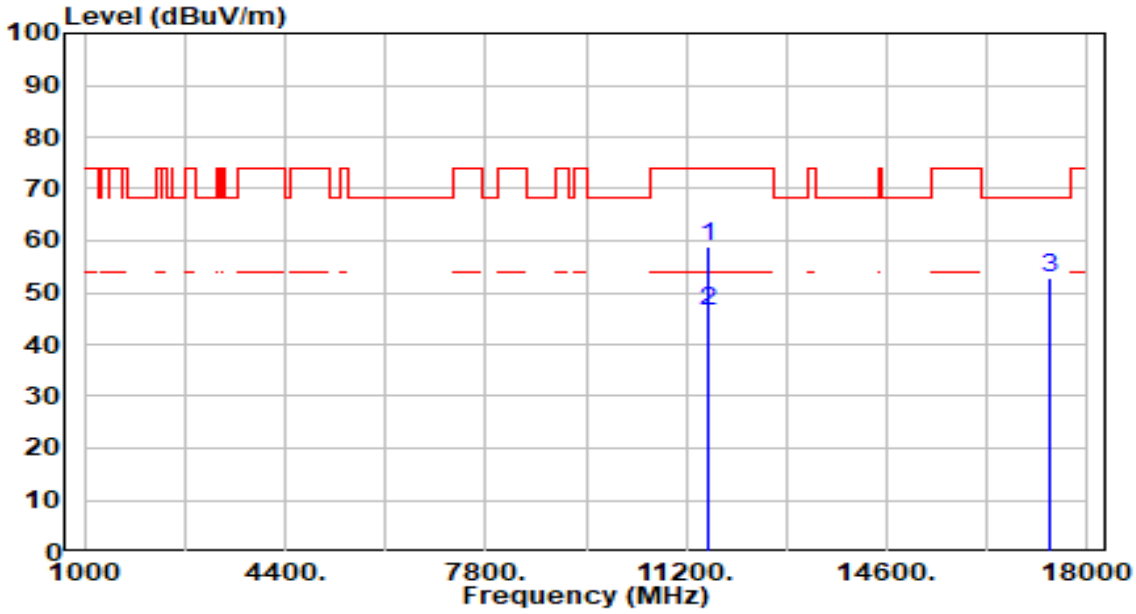


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	47.10	3.94	51.05	-22.95	74.00	100	109	Peak
2	*	17355.000	45.56	3.78	49.35	-18.85	68.20	100	234	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

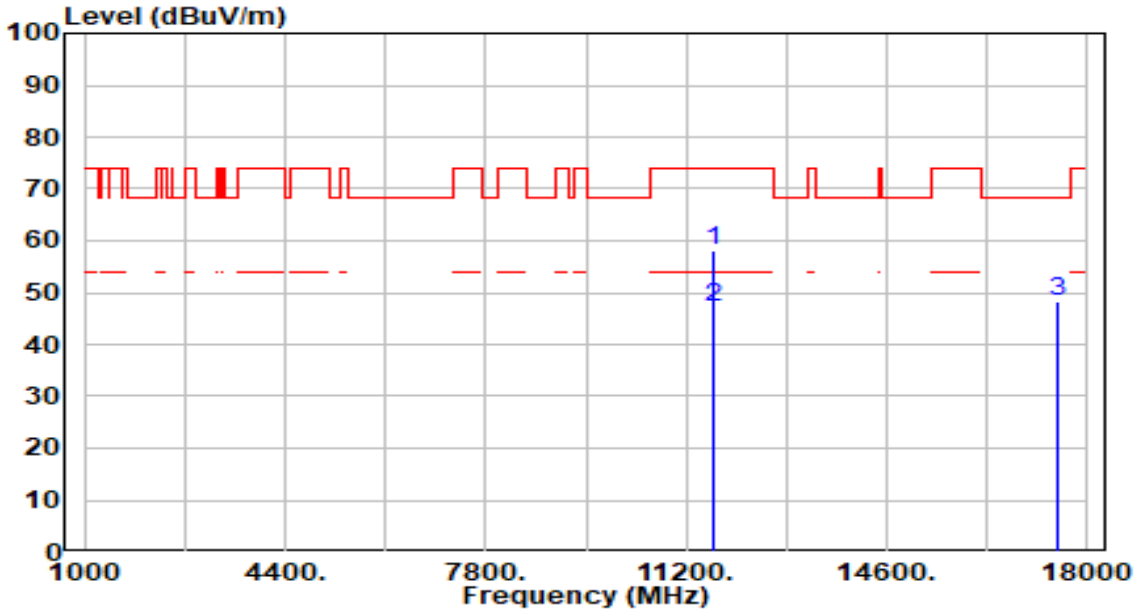


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	55.02	3.94	58.96	-15.04	74.00	100	124	Peak
2	*	11570.000	42.40	3.94	46.34	-7.66	54.00	100	124	Average
3		17355.000	49.03	3.78	52.81	-15.39	68.20	100	109	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

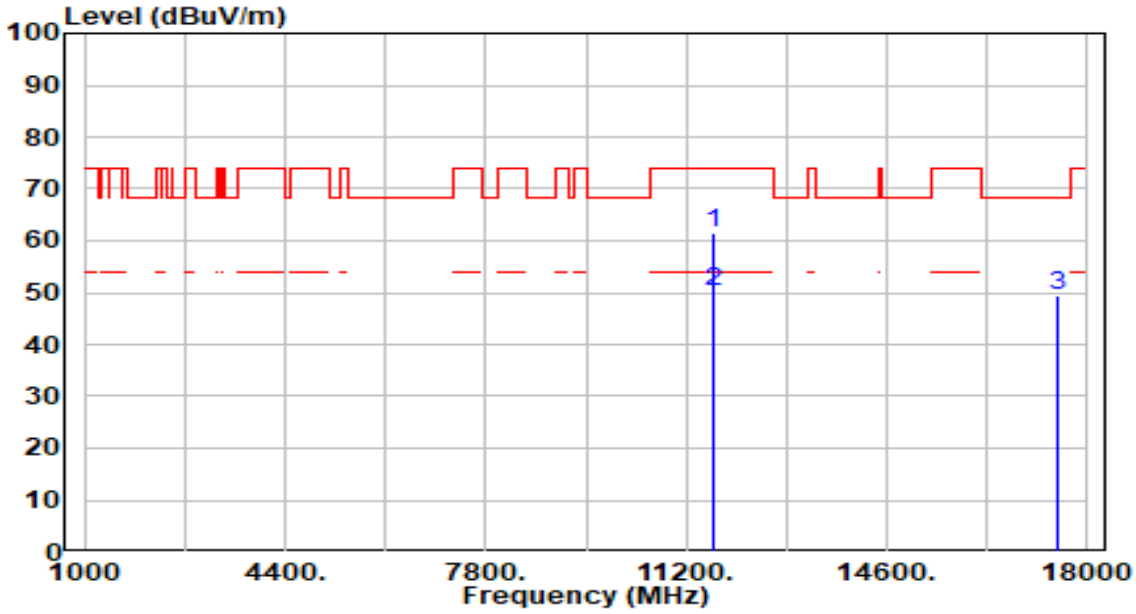


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	54.25	3.94	58.19	-15.81	74.00	100	99	Peak
2	*	11650.000	43.21	3.94	47.15	-6.85	54.00	100	99	Average
3		17475.000	44.81	3.65	48.46	-19.74	68.20	100	197	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).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

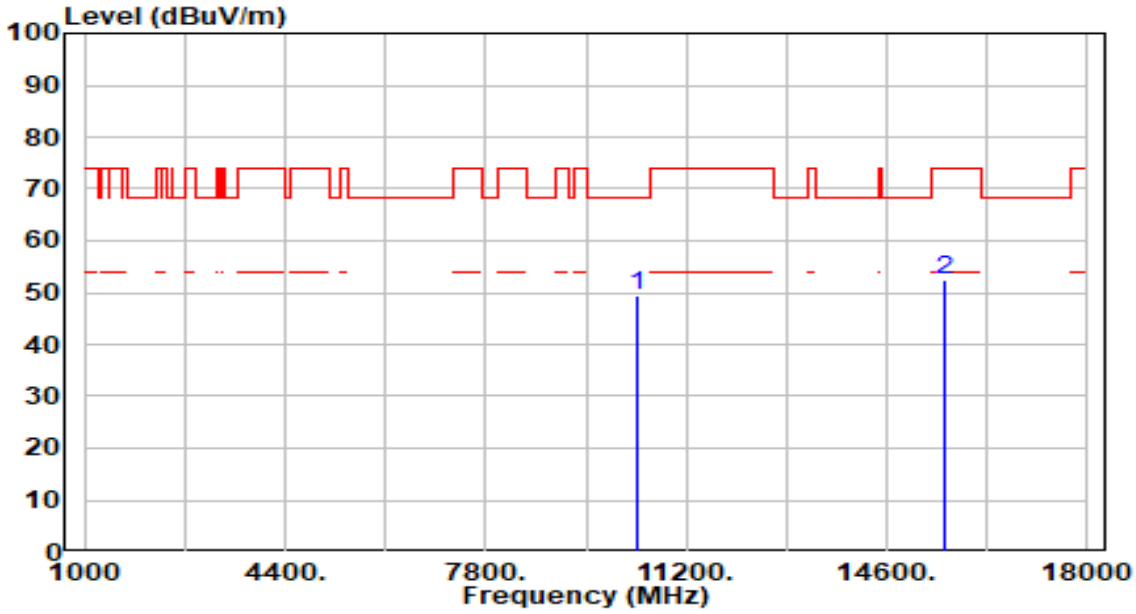


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	57.40	3.94	61.34	-12.66	74.00	100	128	Peak
2	*	11650.000	46.24	3.94	50.18	-3.82	54.00	100	128	Average
3		17475.000	45.66	3.65	49.31	-18.89	68.20	100	146	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).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

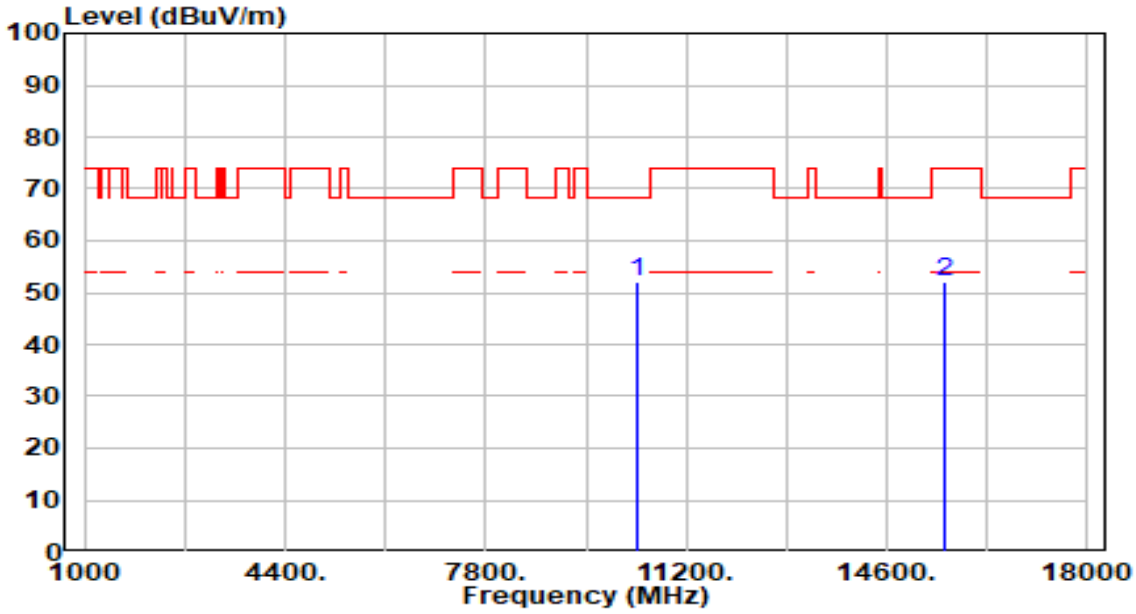


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	46.10	3.19	49.29	-18.91	68.20	100	61	Peak
2		15570.000	47.72	4.75	52.47	-21.53	74.00	100	134	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

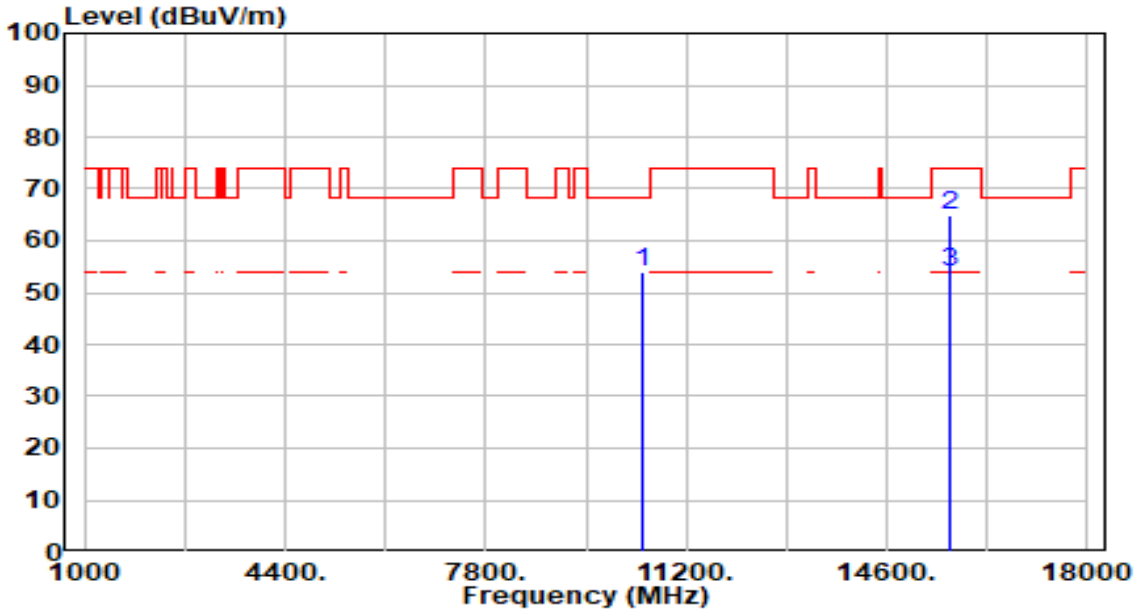


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	48.96	3.19	52.15	-16.05	68.20	100	118	Peak
2		15570.000	47.44	4.75	52.19	-21.81	74.00	100	112	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-25
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

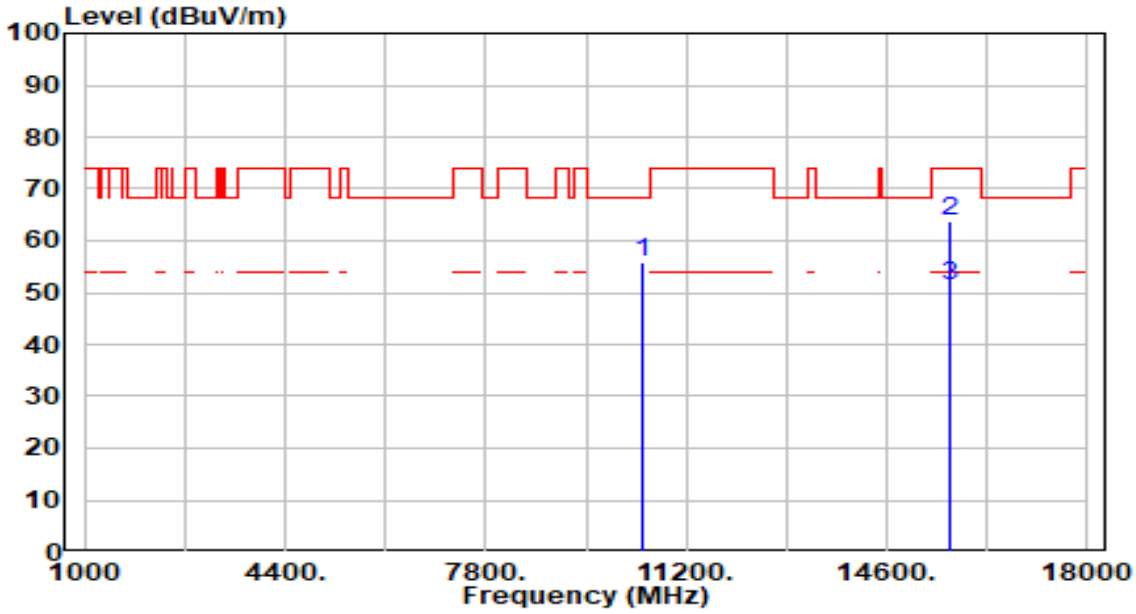


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	50.83	3.13	53.96	-14.24	68.20	100	64	Peak
2	*	15690.000	59.86	4.95	64.81	-9.19	74.00	100	135	Peak
3	*	15690.000	48.87	4.95	53.82	-0.18	54.00	100	135	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

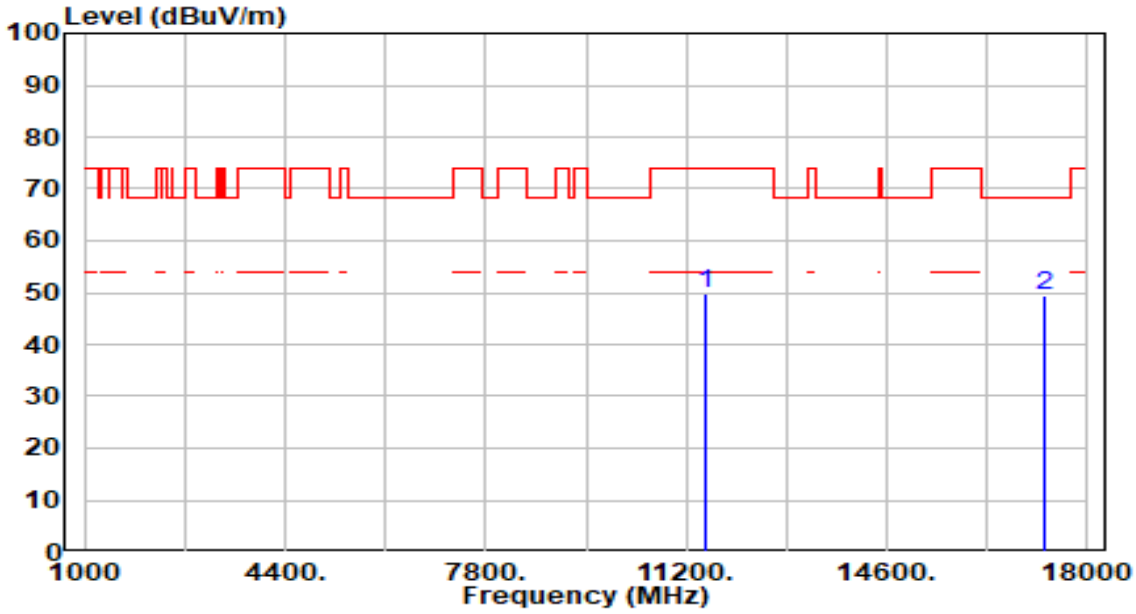


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	52.67	3.13	55.80	-12.40	68.20	100	115	Peak
2	*	15690.000	58.97	4.95	63.92	-10.08	74.00	100	102	Peak
3	*	15690.000	46.49	4.95	51.44	-2.56	54.00	100	102	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

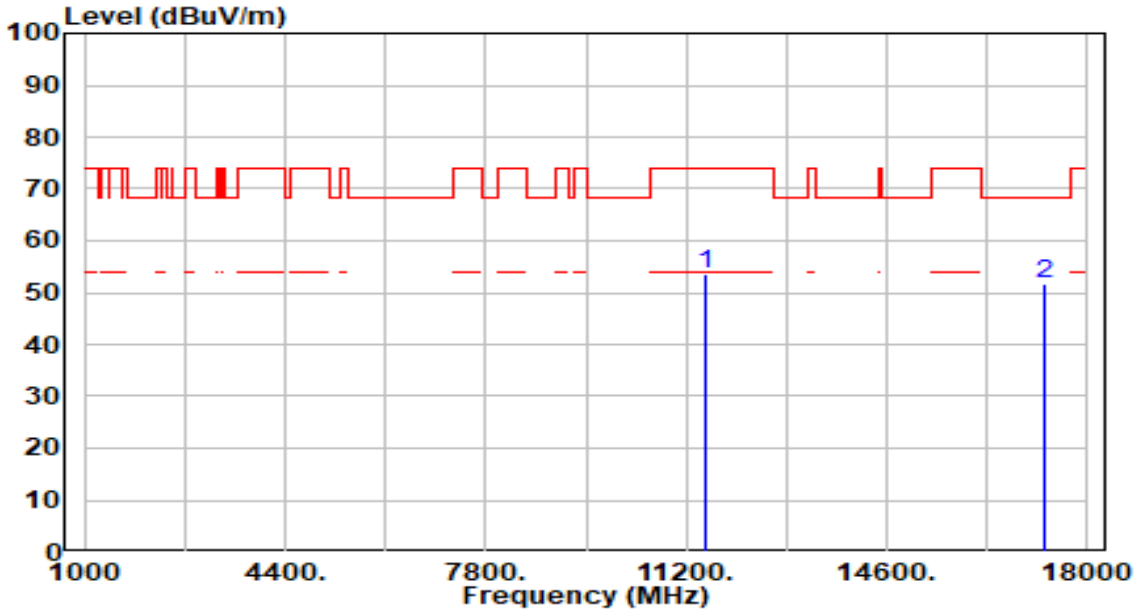


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	45.79	3.93	49.71	-24.29	74.00	100	107	Peak
2	*	17265.000	45.60	3.99	49.59	-18.61	68.20	100	286	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

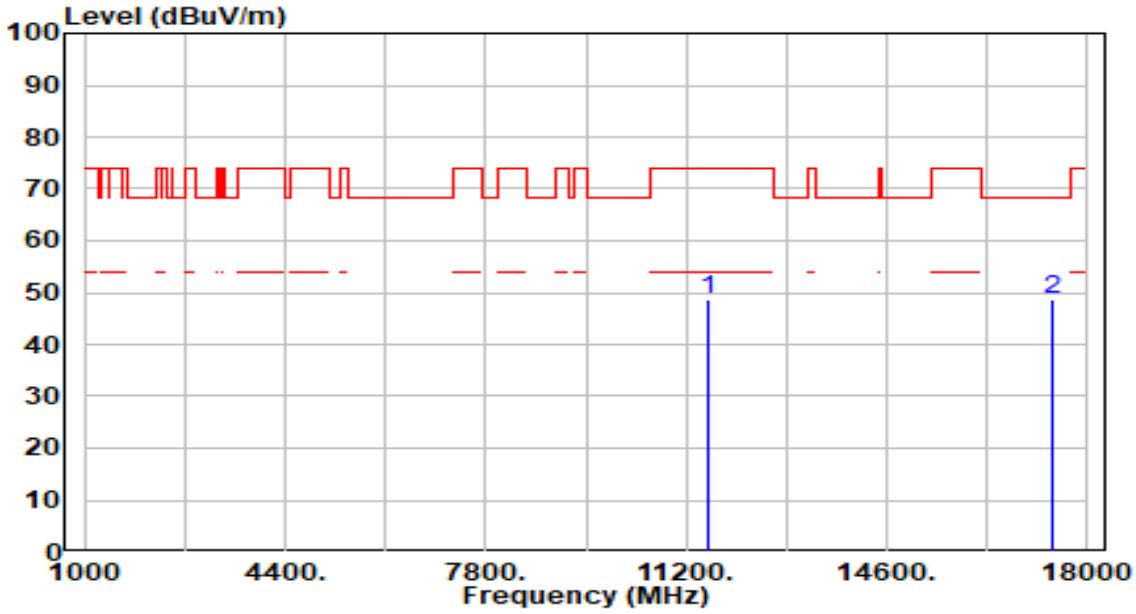


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	49.61	3.93	53.54	-20.46	74.00	100	151	Peak
2	*	17265.000	47.55	3.99	51.54	-16.66	68.20	100	282	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

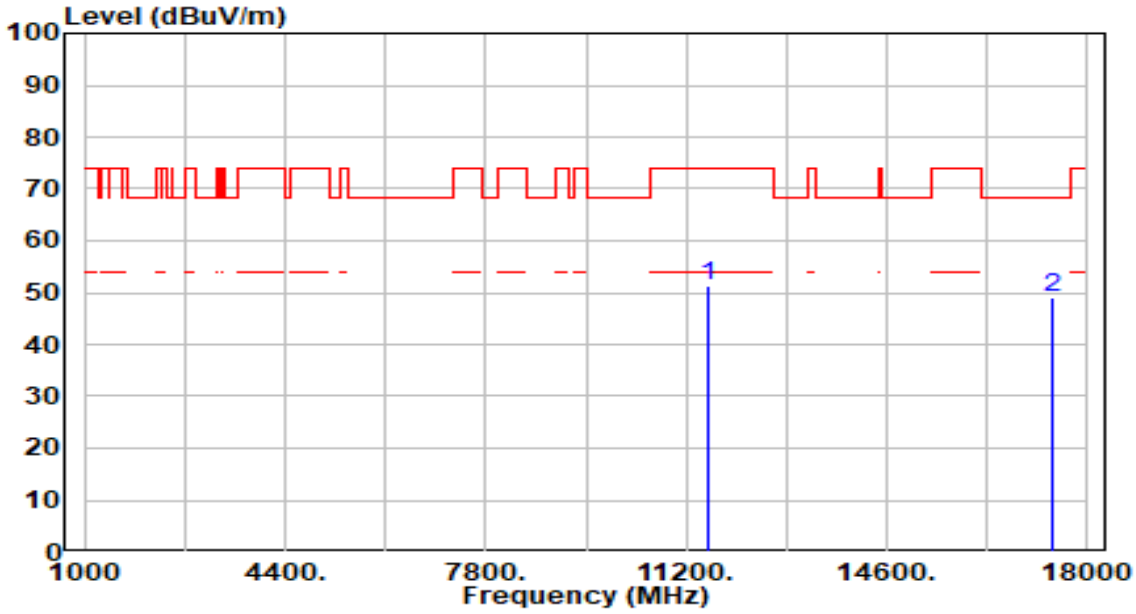


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	44.54	3.95	48.49	-25.51	74.00	100	104	Peak
2	*	17385.000	44.81	3.71	48.52	-19.68	68.20	100	225	Peak

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

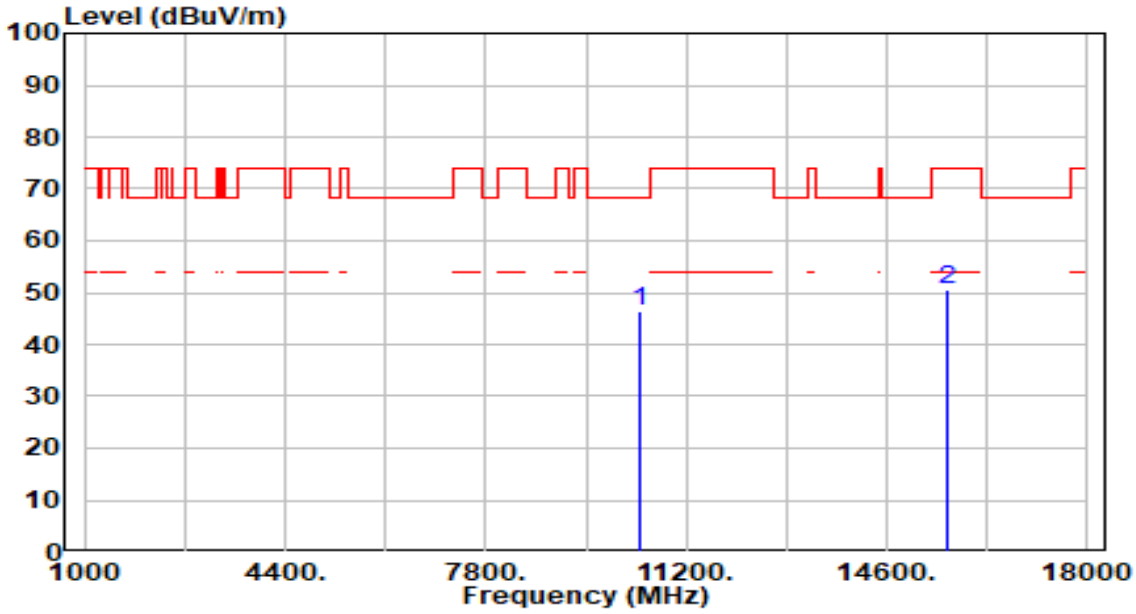


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	47.47	3.95	51.42	-22.58	74.00	100	229	Peak
2	*	17385.000	45.53	3.71	49.24	-18.96	68.20	100	122	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

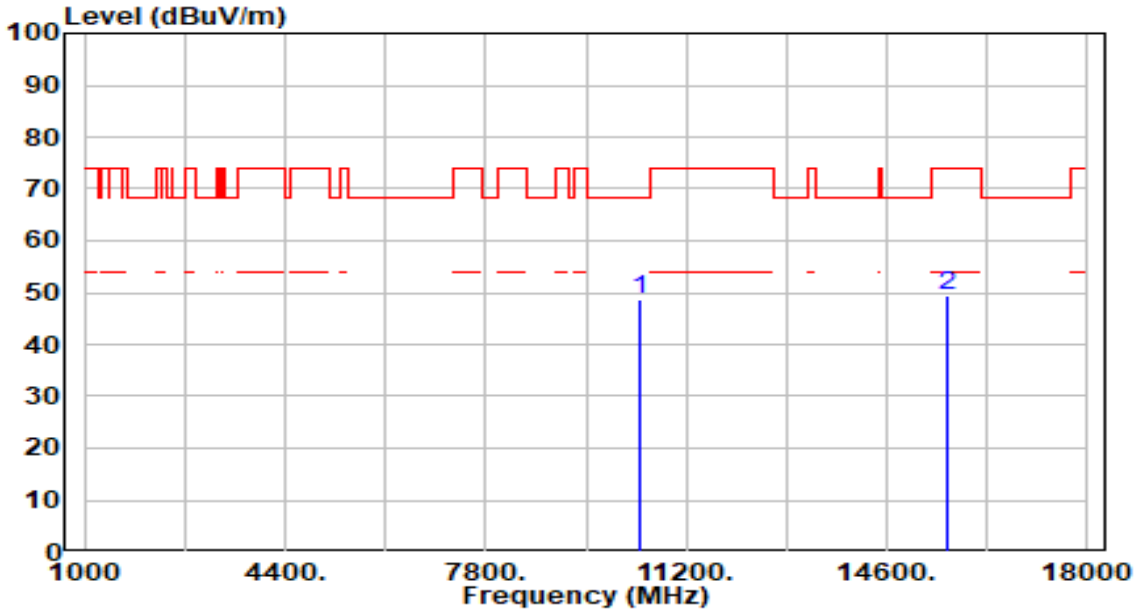


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	43.24	3.16	46.40	-21.80	68.20	100	61	Peak
2		15630.000	45.77	4.82	50.59	-23.41	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

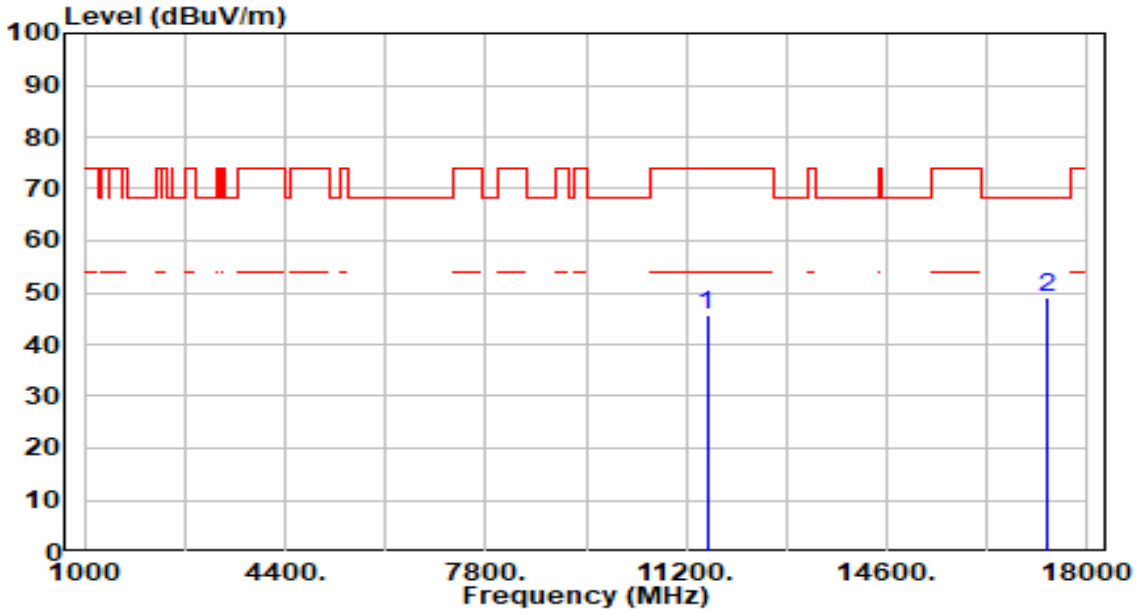


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	45.33	3.16	48.49	-19.71	68.20	100	113	Peak
2		15630.000	44.73	4.82	49.55	-24.45	74.00	100	113	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

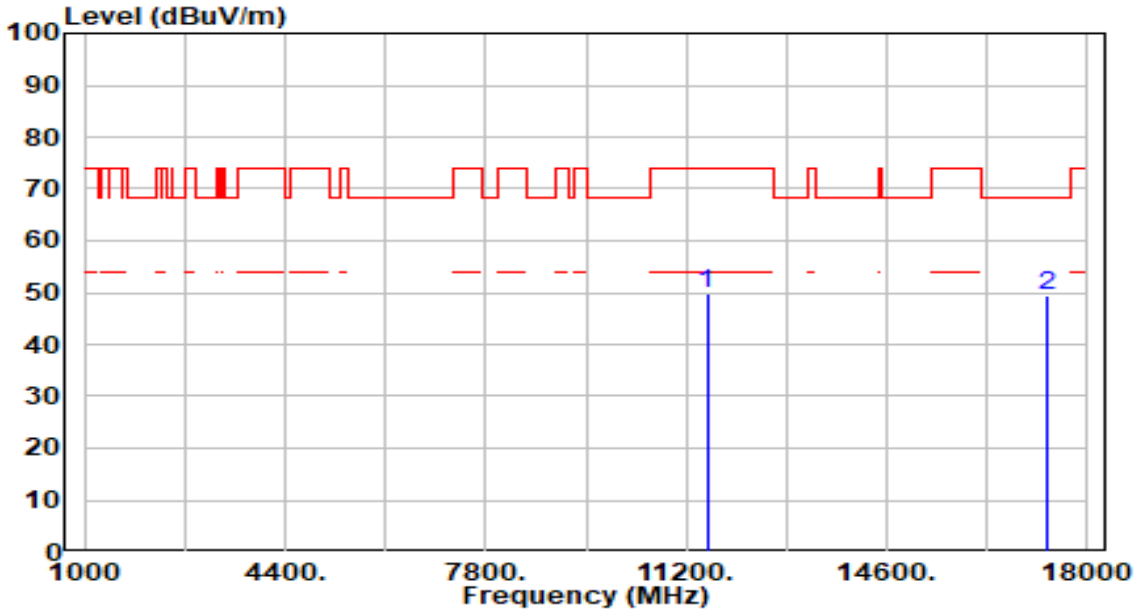


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	41.87	3.94	45.81	-28.19	74.00	100	360	Peak
2	*	17325.000	45.34	3.85	49.19	-19.01	68.20	100	360	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

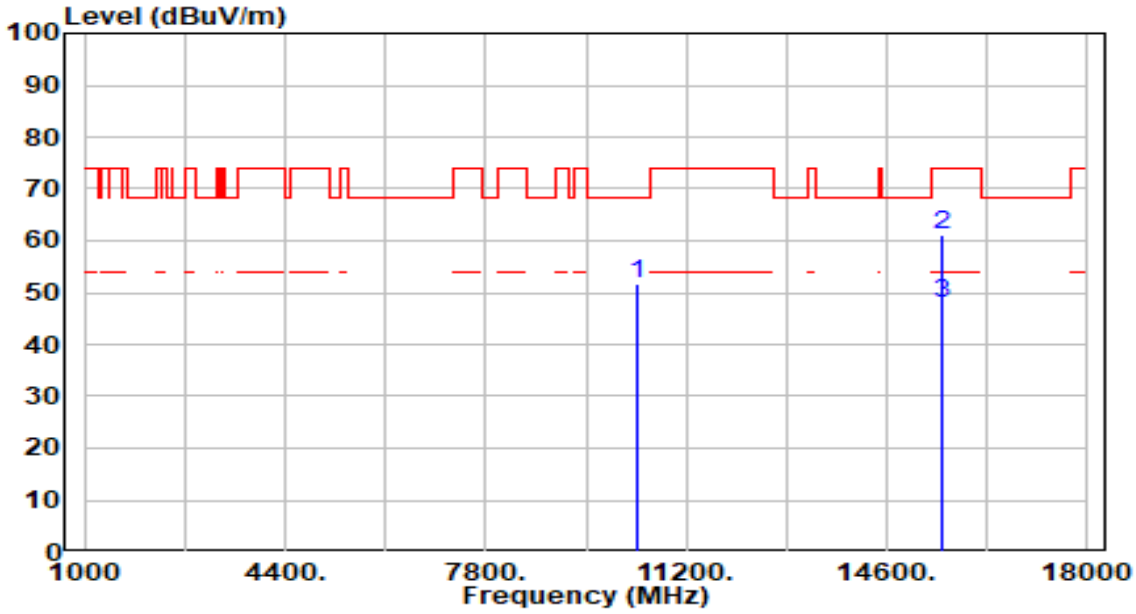


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	45.76	3.94	49.70	-24.30	74.00	100	147	Peak
2	*	17325.000	45.55	3.85	49.41	-18.79	68.20	100	284	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

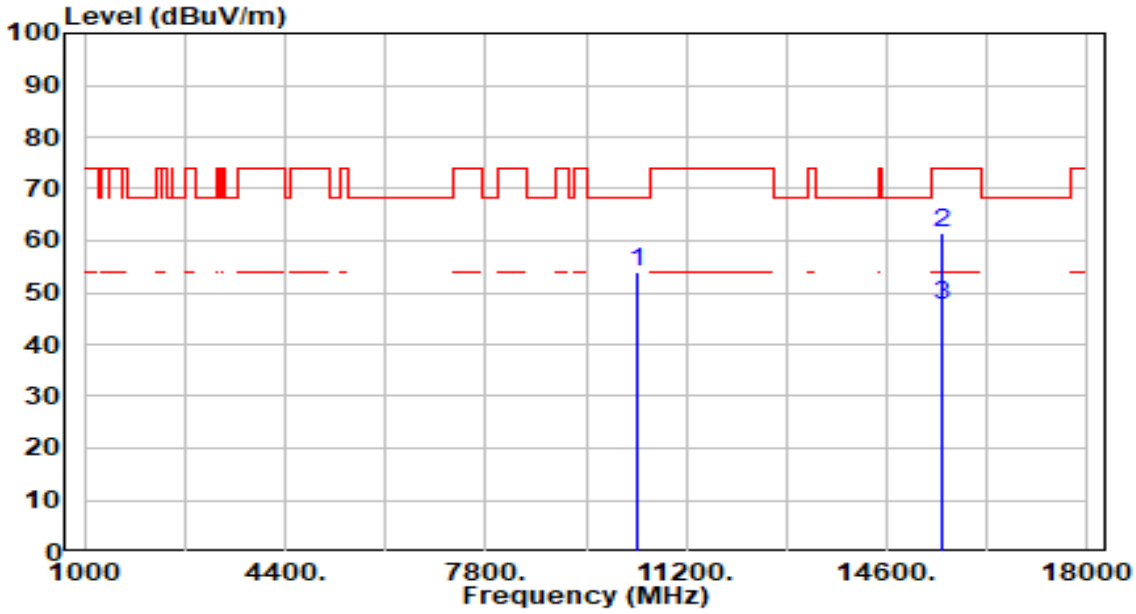


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	48.55	3.19	51.74	-16.46	68.20	100	228	Peak
2	*	15540.000	56.51	4.74	61.25	-12.75	74.00	100	145	Peak
3	*	15540.000	43.21	4.74	47.95	-6.05	54.00	100	145	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

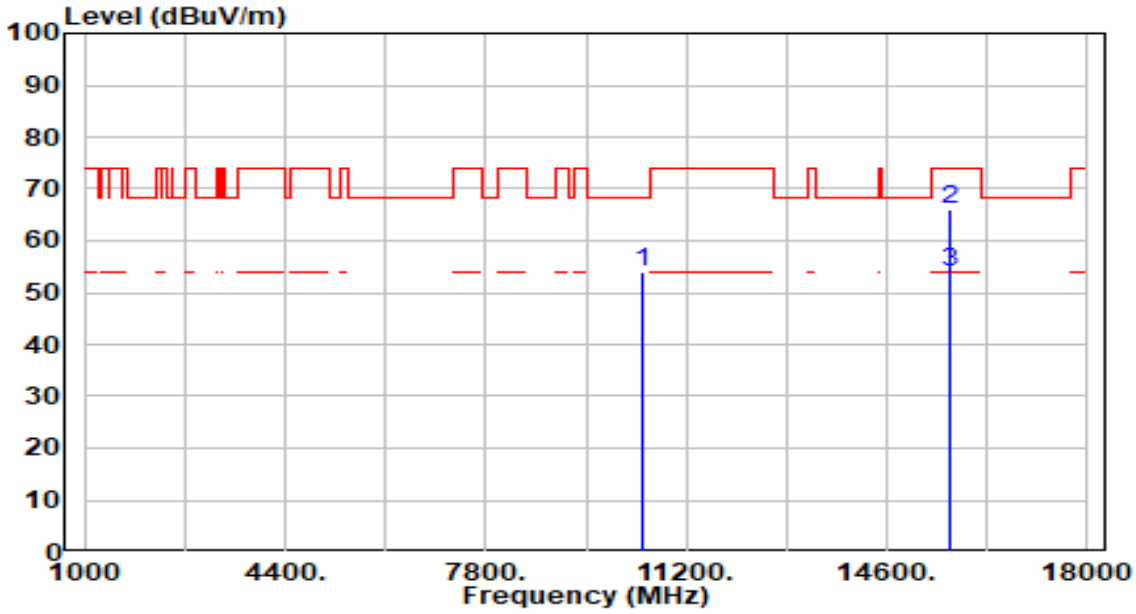


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	50.64	3.19	53.83	-14.37	68.20	100	120	Peak
2	*	15540.000	56.78	4.74	61.52	-12.48	74.00	100	112	Peak
3	*	15540.000	42.85	4.74	47.59	-6.41	54.00	100	112	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-25
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

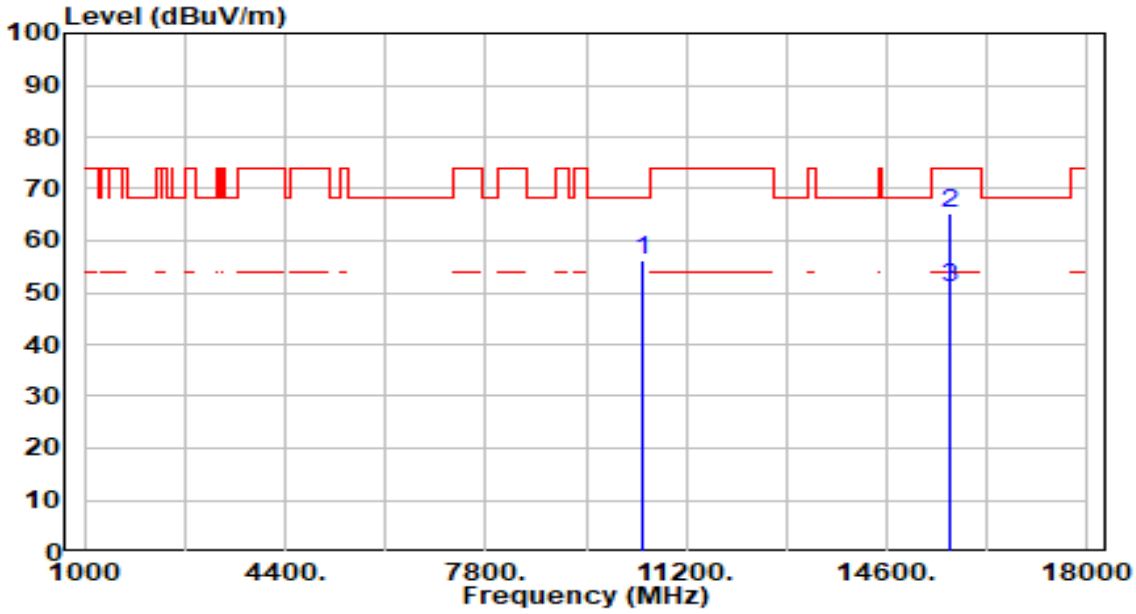


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	50.86	3.15	54.01	-14.19	68.20	100	68	Peak
2	*	15660.000	61.10	4.89	65.99	-8.01	74.00	100	134	Peak
3	*	15660.000	48.96	4.89	53.85	-0.15	54.00	100	134	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

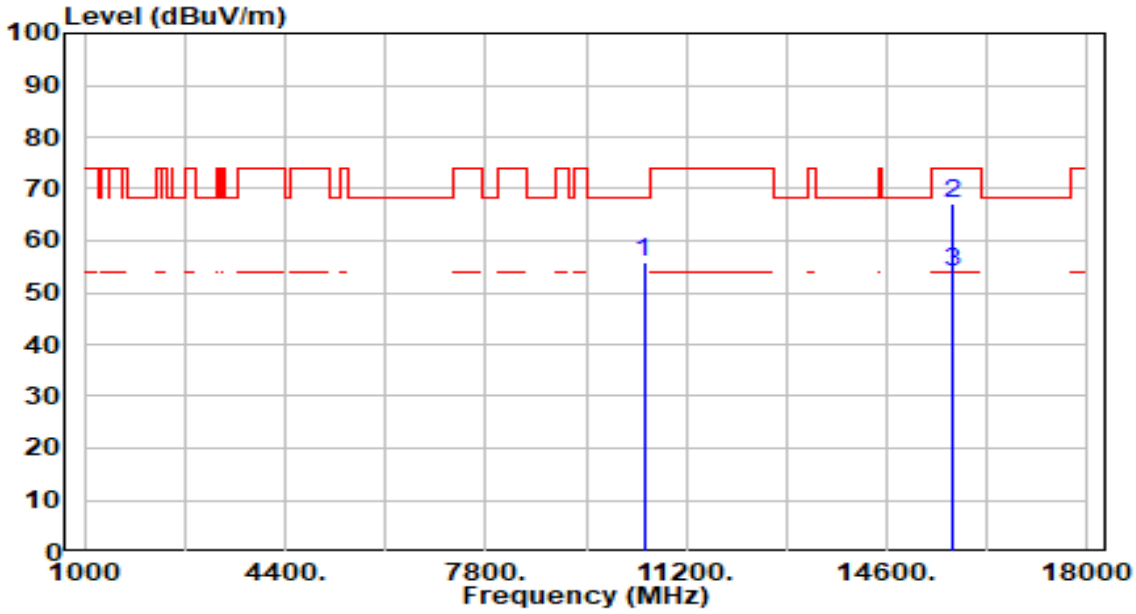


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	53.06	3.15	56.21	-11.99	68.20	100	196	Peak
2	*	15660.000	60.53	4.89	65.42	-8.58	74.00	100	106	Peak
3	*	15660.000	46.21	4.89	51.10	-2.90	54.00	100	106	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

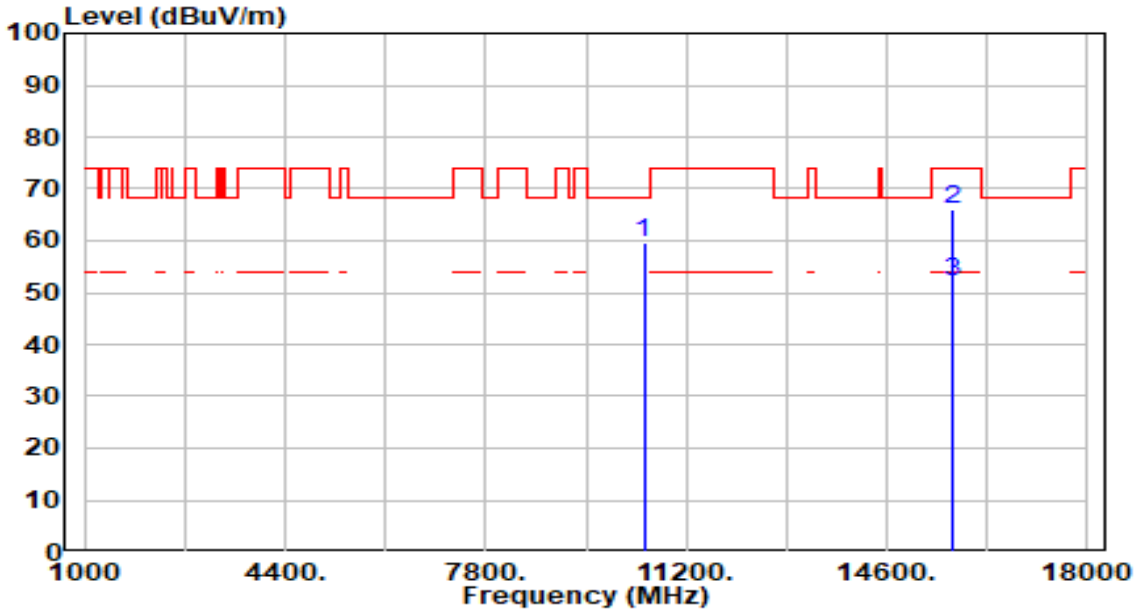


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	52.65	3.11	55.76	-12.44	68.20	100	61	Peak
2	*	15720.000	62.02	5.02	67.04	-6.96	74.00	100	133	Peak
3	*	15720.000	48.79	5.02	53.81	-0.19	54.00	100	133	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

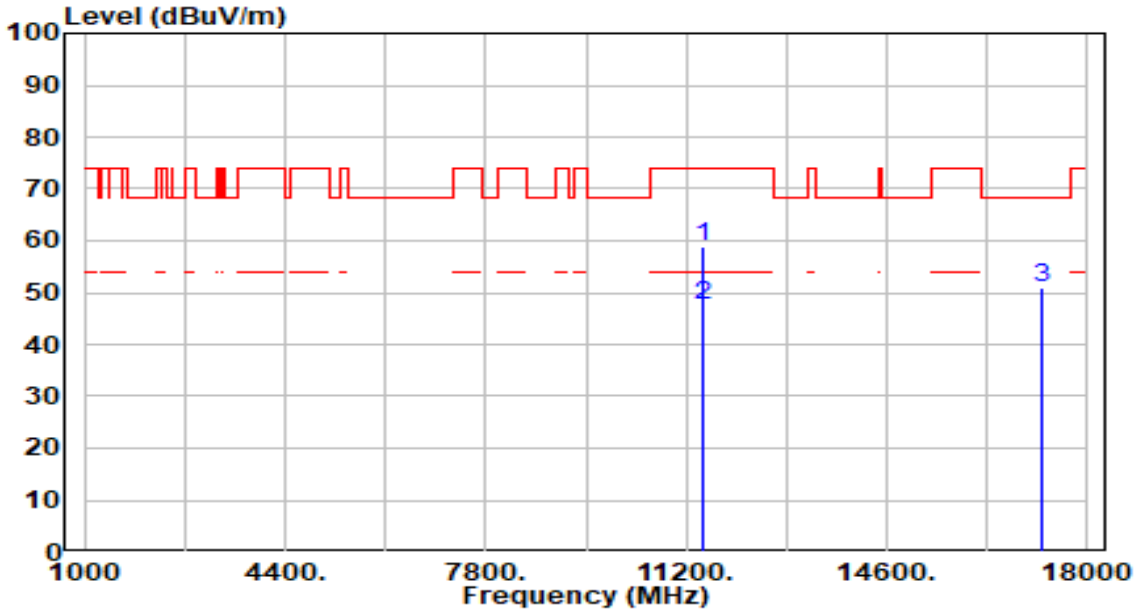


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	56.52	3.11	59.63	-8.57	68.20	100	114	Peak
2	*	15720.000	60.93	5.02	65.95	-8.05	74.00	100	103	Peak
3	*	15720.000	47.02	5.02	52.04	-1.96	54.00	100	103	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

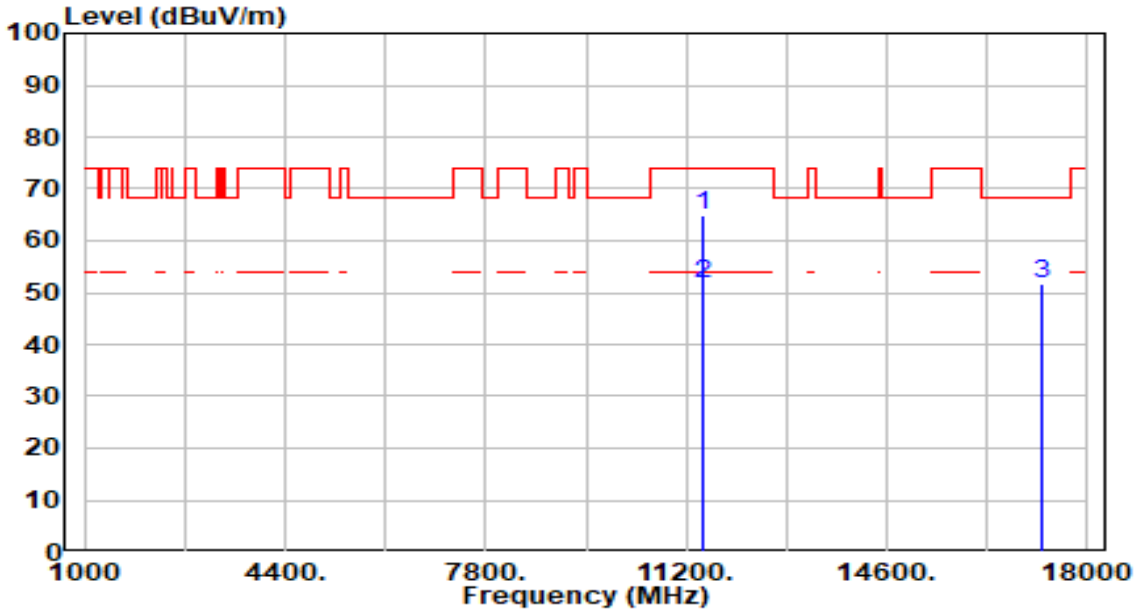


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	55.04	3.92	58.96	-15.04	74.00	103	105	Peak
2	*	11490.000	43.70	3.92	47.62	-6.38	54.00	103	105	Average
3		17235.000	46.82	4.06	50.88	-17.32	68.20	100	126	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

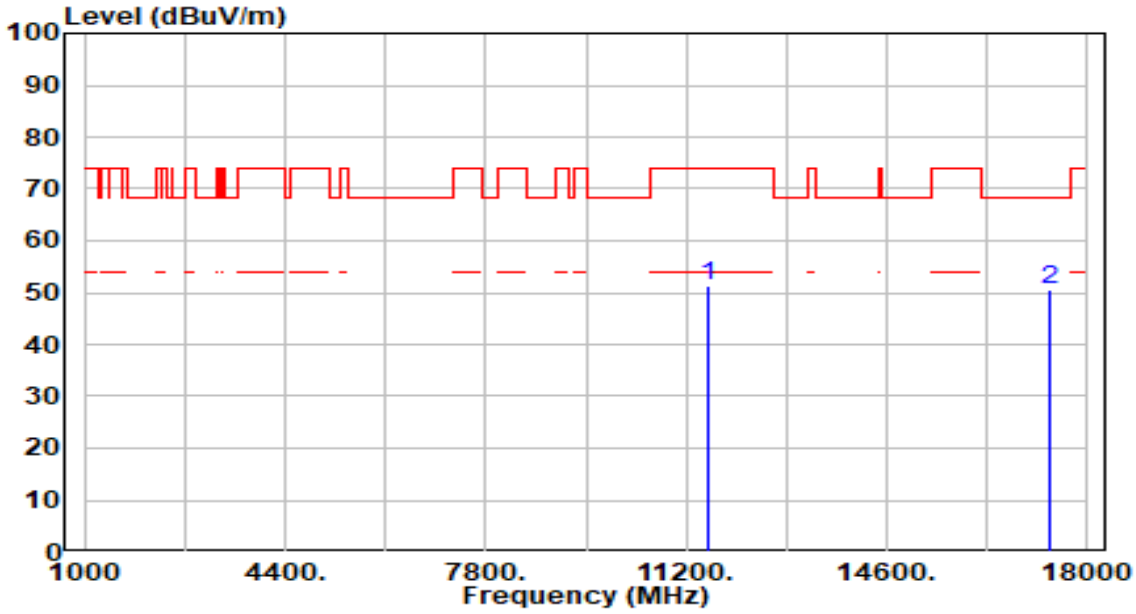


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	60.94	3.92	64.86	-9.14	74.00	114	148	Peak
2	*	11490.000	47.88	3.92	51.80	-2.20	54.00	114	148	Average
3		17235.000	47.64	4.06	51.70	-16.50	68.20	100	132	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

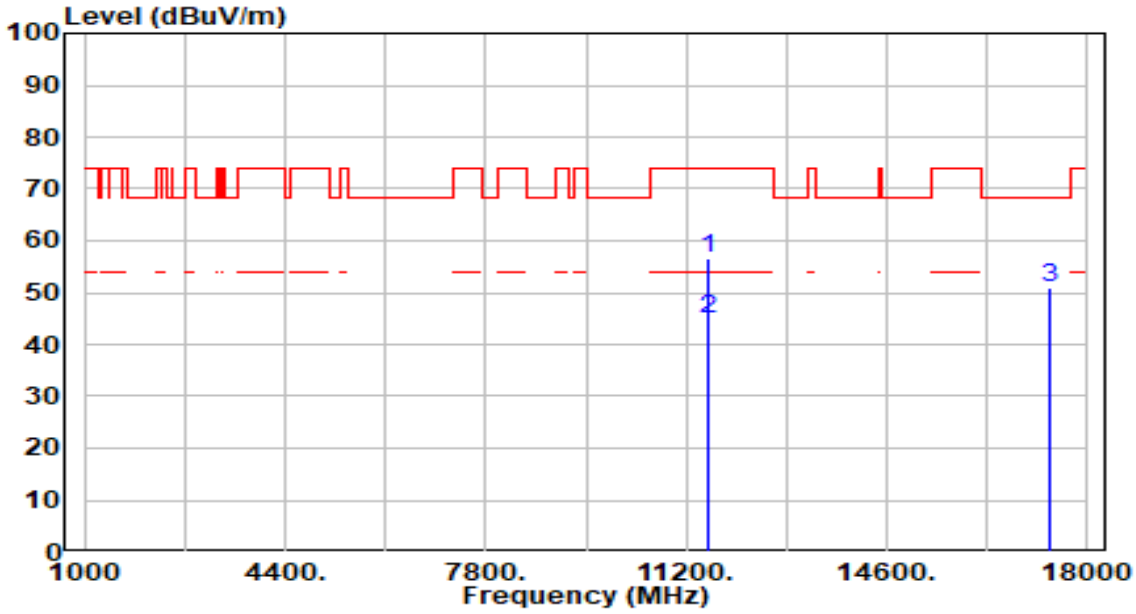


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	47.32	3.94	51.26	-22.74	74.00	100	110	Peak
2	*	17355.000	46.69	3.78	50.47	-17.73	68.20	100	360	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

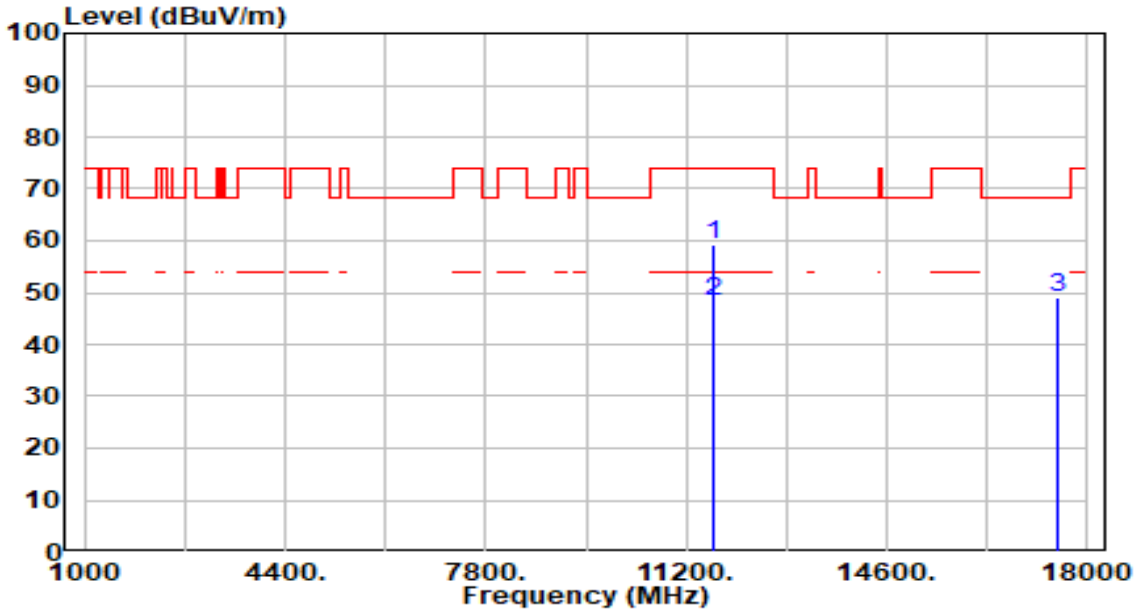


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	52.60	3.94	56.54	-17.46	74.00	100	11	Peak
2	*	11570.000	40.86	3.94	44.80	-9.20	54.00	100	11	Average
3	*	17355.000	47.16	3.78	50.94	-17.26	68.20	100	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

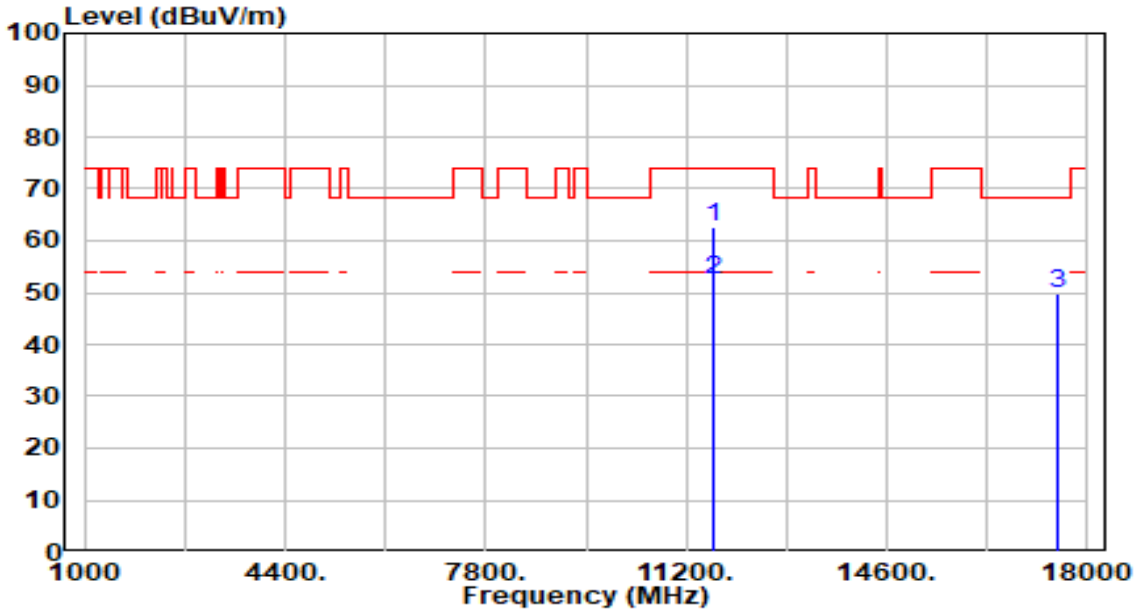


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	55.38	3.94	59.32	-14.68	74.00	100	101	Peak
2	*	11650.000	44.48	3.94	48.42	-5.58	54.00	100	101	Average
3		17475.000	45.56	3.65	49.21	-18.99	68.20	100	233	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

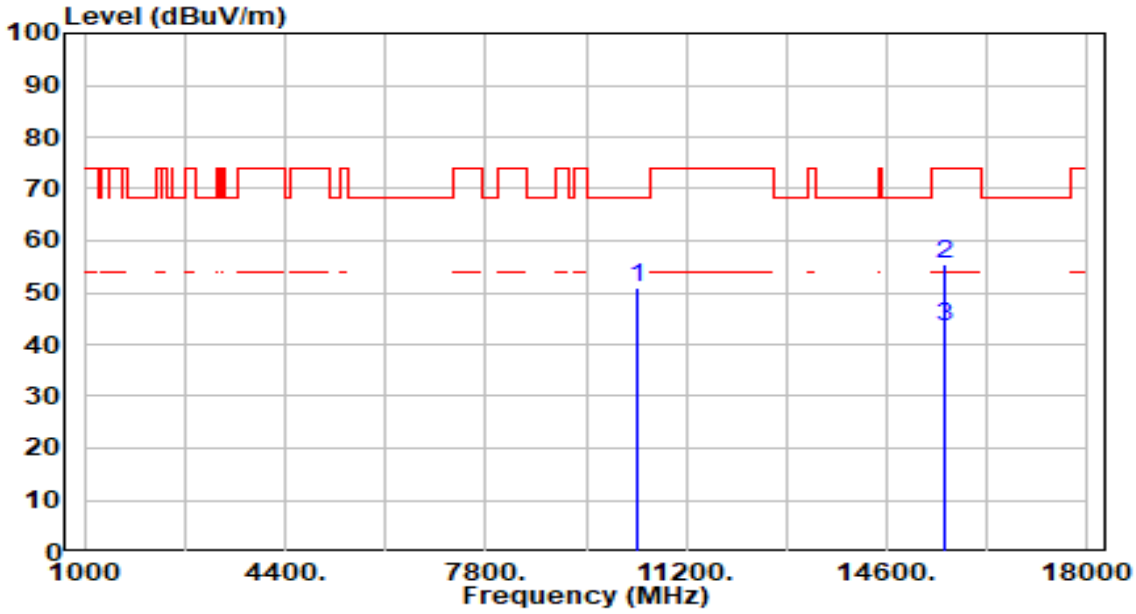


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	58.85	3.94	62.79	-11.21	74.00	102	125	Peak
2	*	11650.000	48.39	3.94	52.33	-1.67	54.00	102	125	Average
3		17475.000	46.03	3.65	49.69	-18.51	68.20	100	77	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

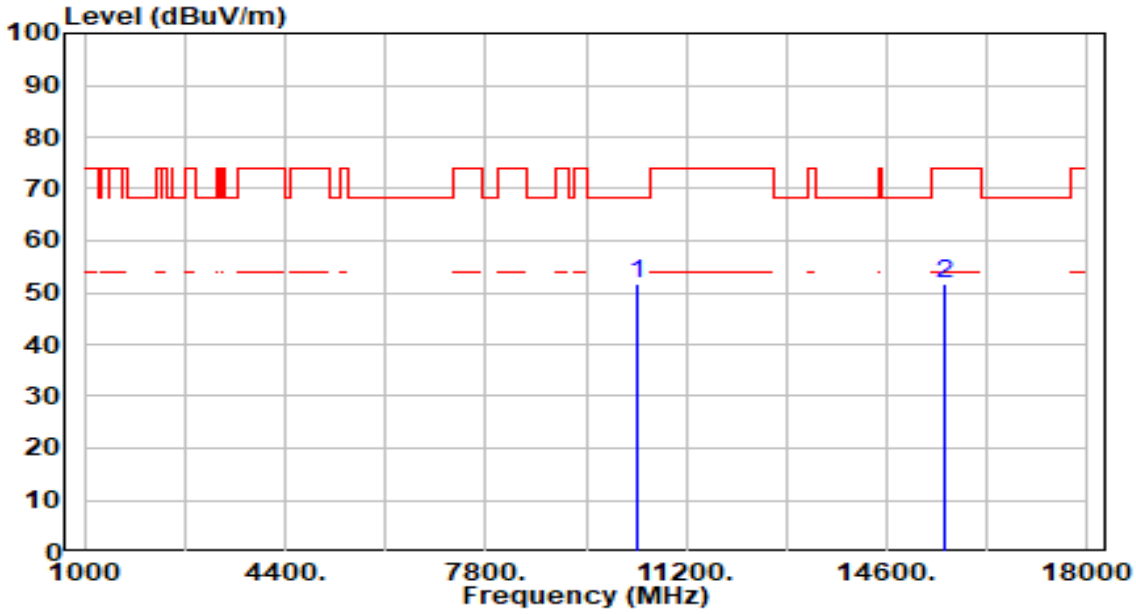


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	47.86	3.19	51.05	-17.15	68.20	100	67	Peak
2		15570.000	50.75	4.75	55.50	-18.50	74.00	100	136	Peak
3	*	15570.000	38.81	4.75	43.56	-10.44	54.00	100	136	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

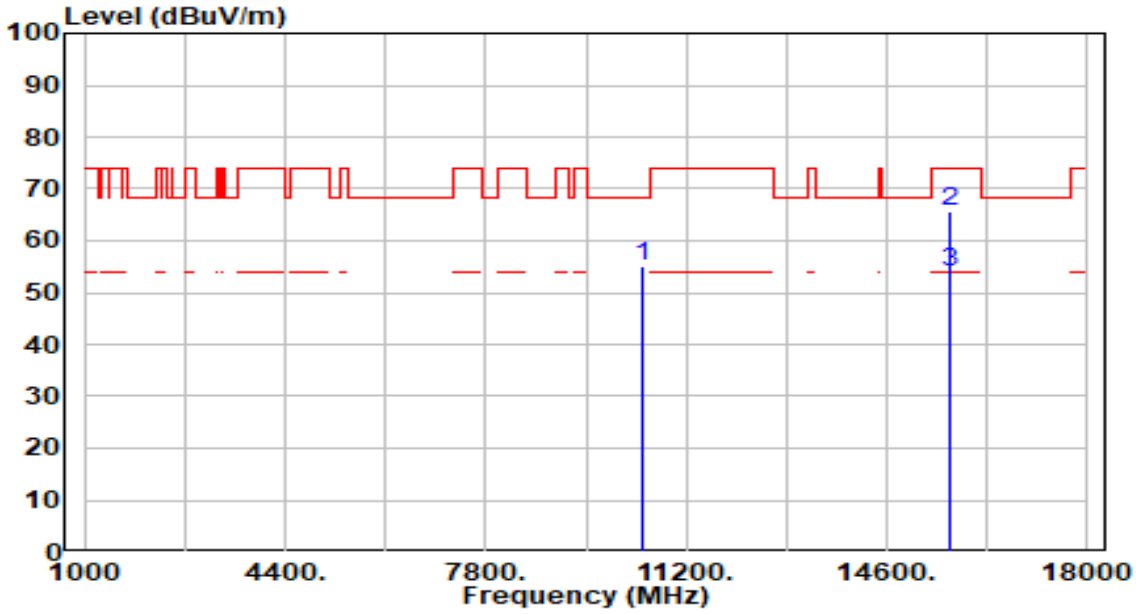


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	48.41	3.19	51.60	-16.60	68.20	100	121	Peak
2		15570.000	46.99	4.75	51.74	-22.26	74.00	100	109	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

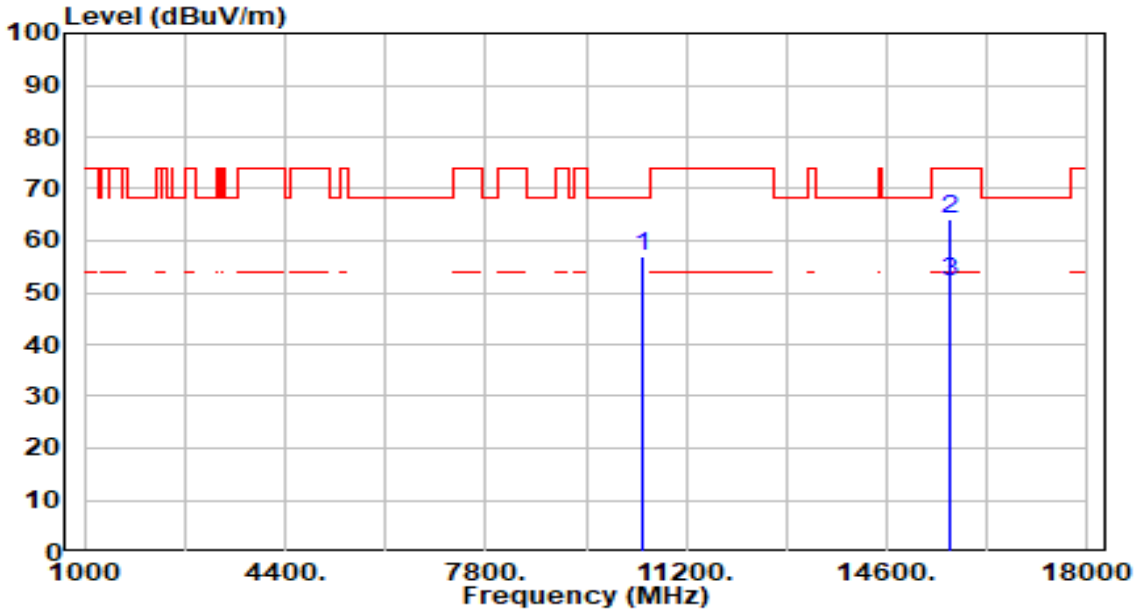


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	52.13	3.13	55.25	-12.95	68.20	100	59	Peak
2	*	15690.000	60.61	4.95	65.56	-8.44	74.00	102	130	Peak
3	*	15690.000	48.86	4.95	53.81	-0.19	54.00	102	130	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

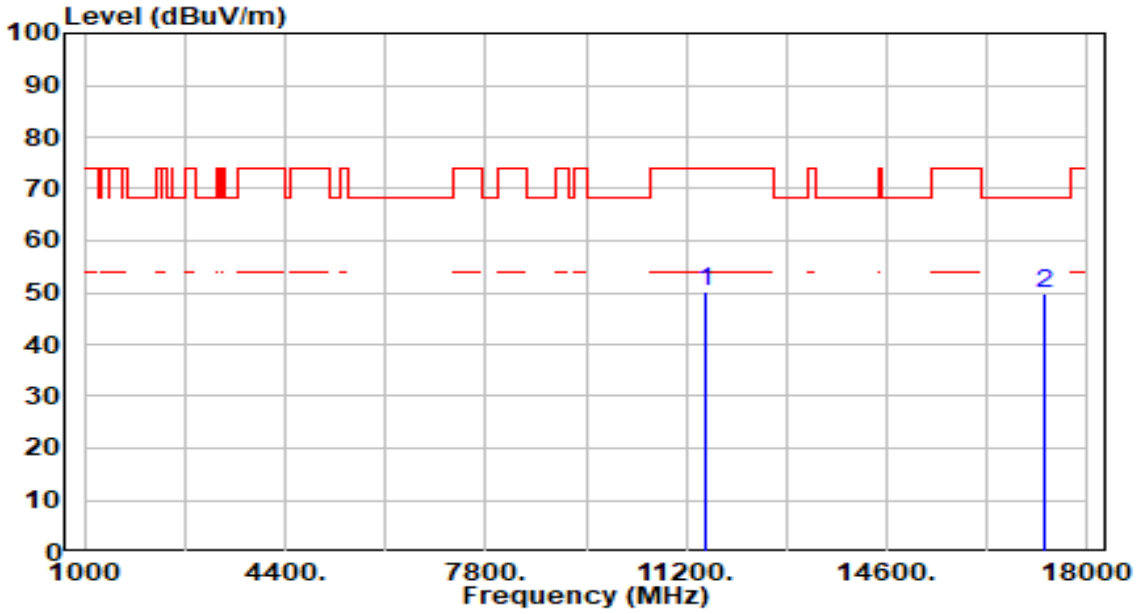


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	53.81	3.13	56.93	-11.27	68.20	100	117	Peak
2	*	15690.000	59.26	4.95	64.21	-9.79	74.00	100	105	Peak
3	*	15690.000	47.30	4.95	52.25	-1.75	54.00	100	105	Average

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

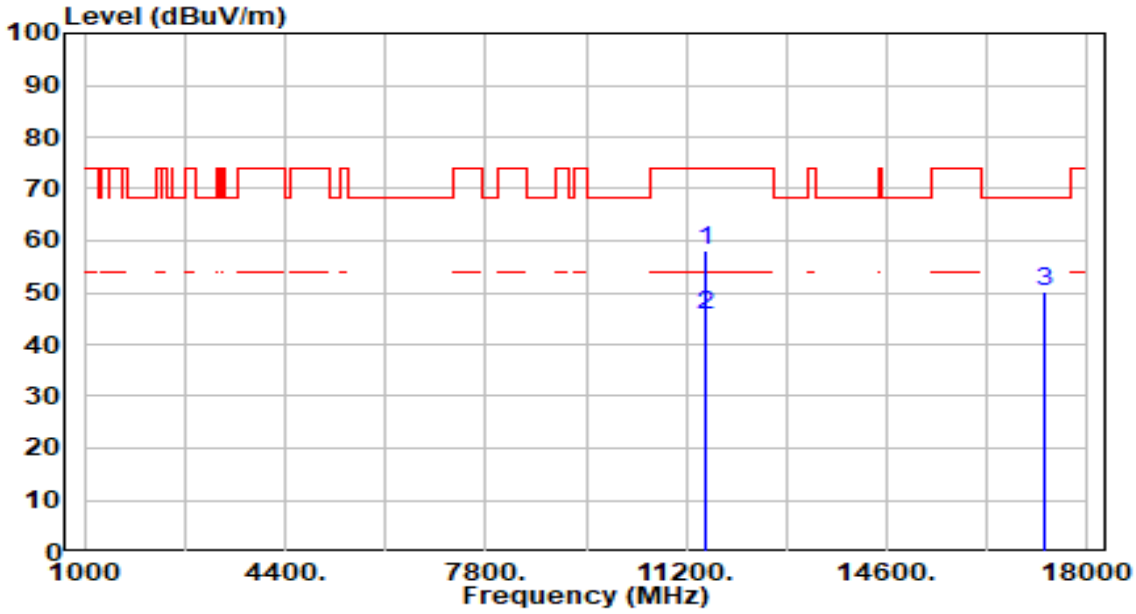


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	46.14	3.93	50.07	-23.93	74.00	100	106	Peak
2	*	17265.000	45.63	3.99	49.63	-18.57	68.20	100	128	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

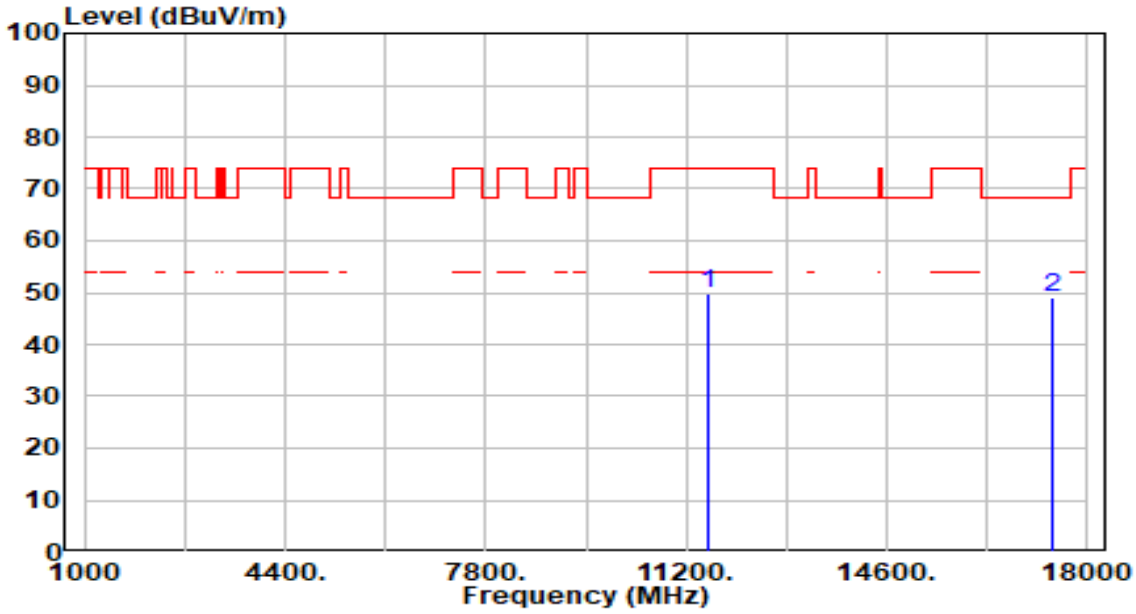


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	54.10	3.93	58.03	-15.97	74.00	114	147	Peak
2	*	11510.000	41.86	3.93	45.79	-8.21	54.00	114	147	Average
3		17265.000	46.04	3.99	50.03	-18.17	68.20	100	273	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

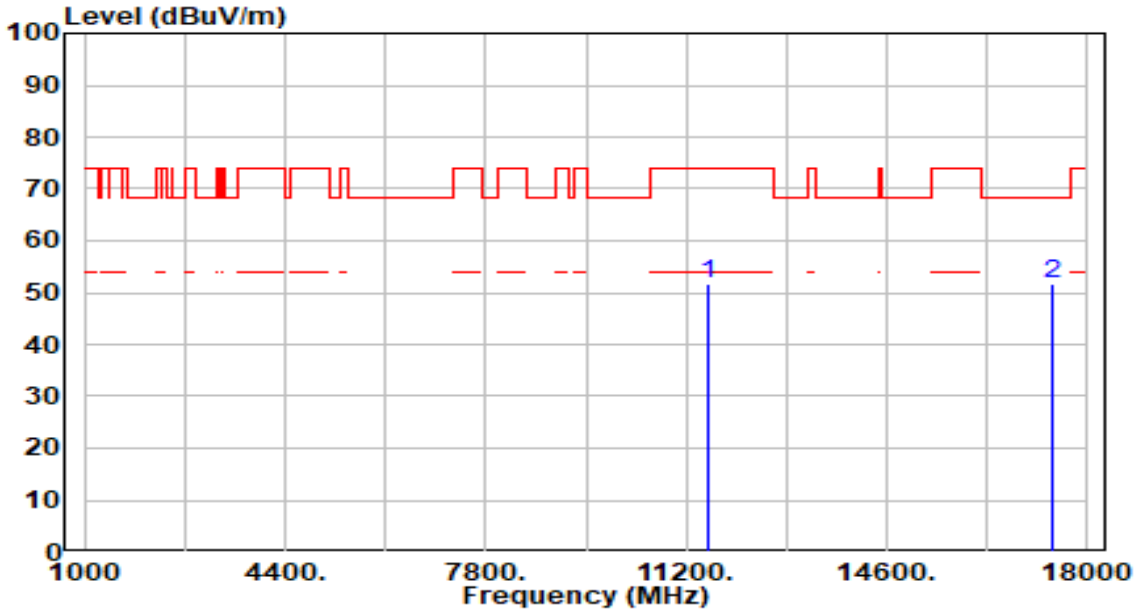


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	45.84	3.95	49.79	-24.21	74.00	100	55	Peak
2	*	17385.000	45.18	3.71	48.90	-19.30	68.20	100	19	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

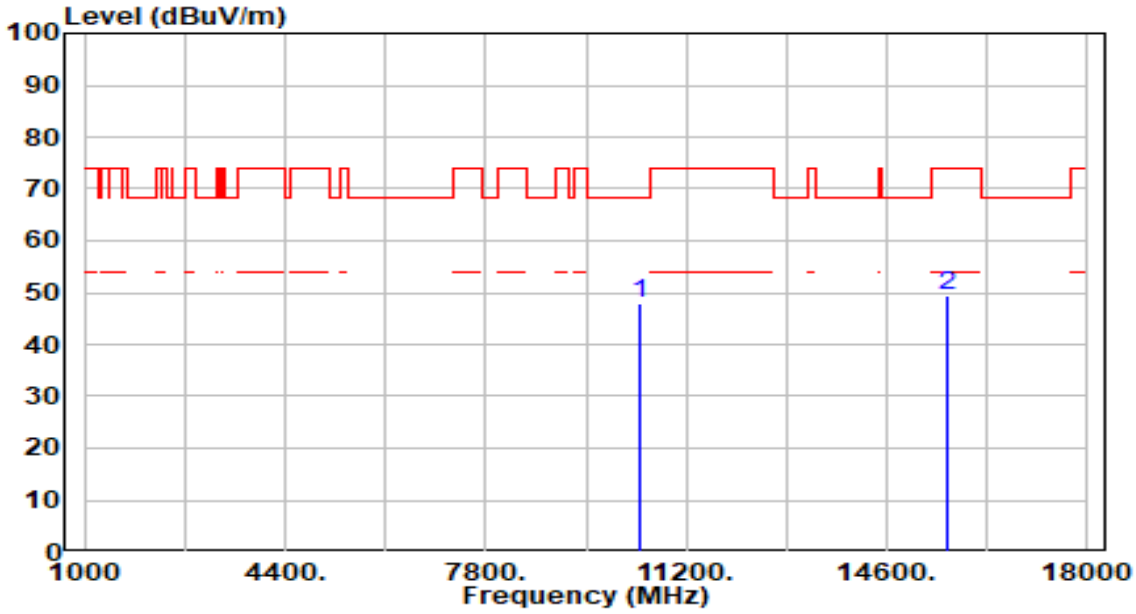


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	47.77	3.95	51.72	-22.28	74.00	100	144	Peak
2	*	17385.000	47.84	3.71	51.56	-16.64	68.20	100	74	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

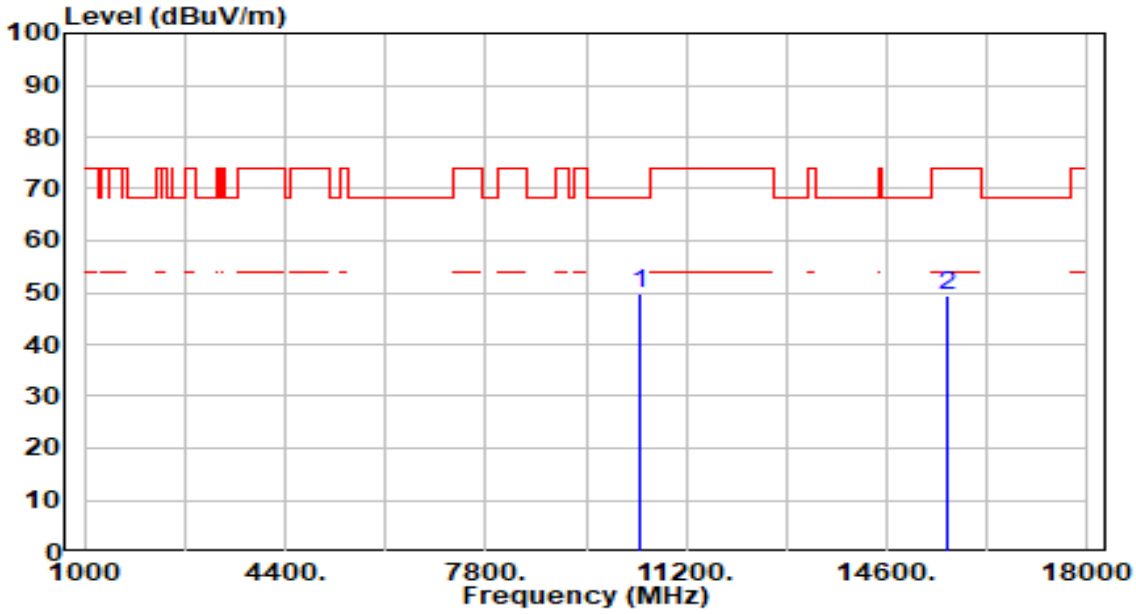


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	44.88	3.16	48.05	-20.15	68.20	100	60	Peak
2		15630.000	44.72	4.82	49.55	-24.45	74.00	100	130	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

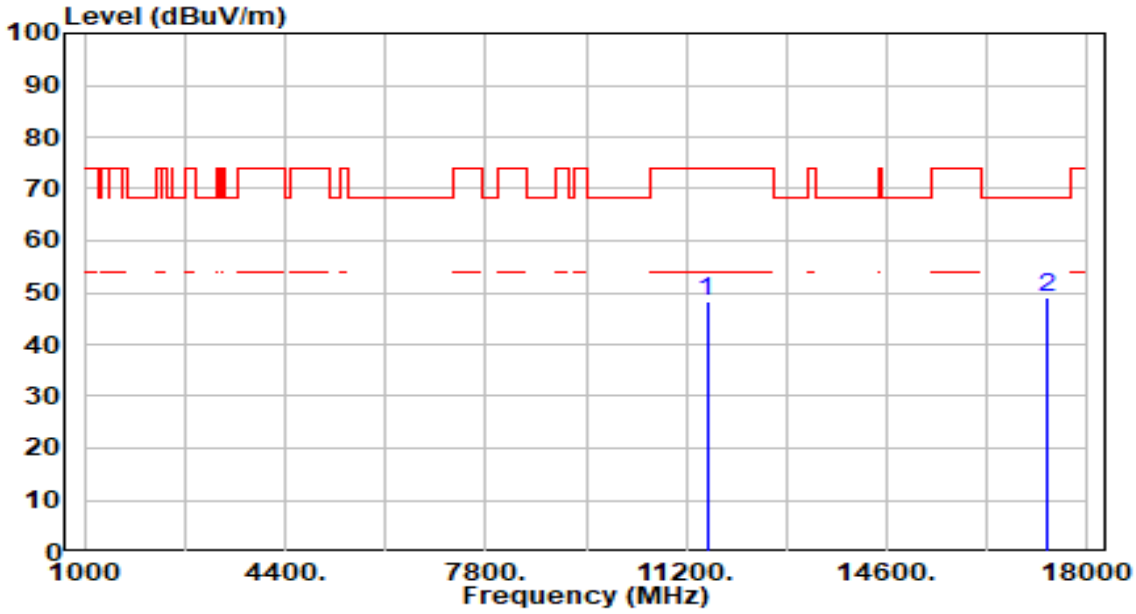


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	46.78	3.16	49.94	-18.26	68.20	100	120	Peak
2		15630.000	44.79	4.82	49.62	-24.38	74.00	100	117	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

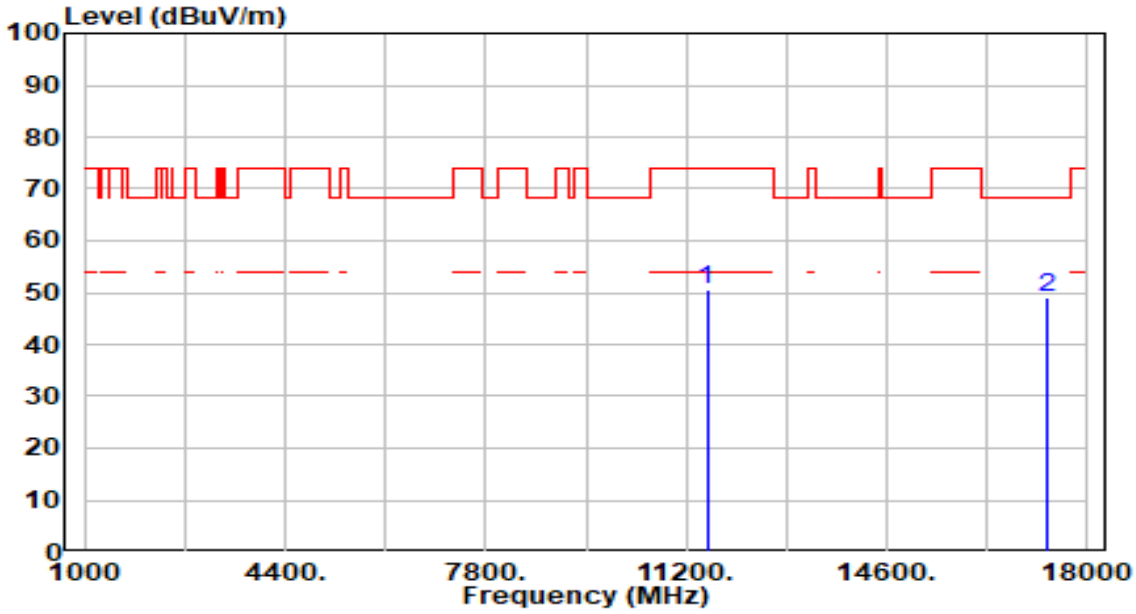


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	44.22	3.94	48.16	-25.84	74.00	100	270	Peak
2	*	17325.000	45.03	3.85	48.88	-19.32	68.20	100	31	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

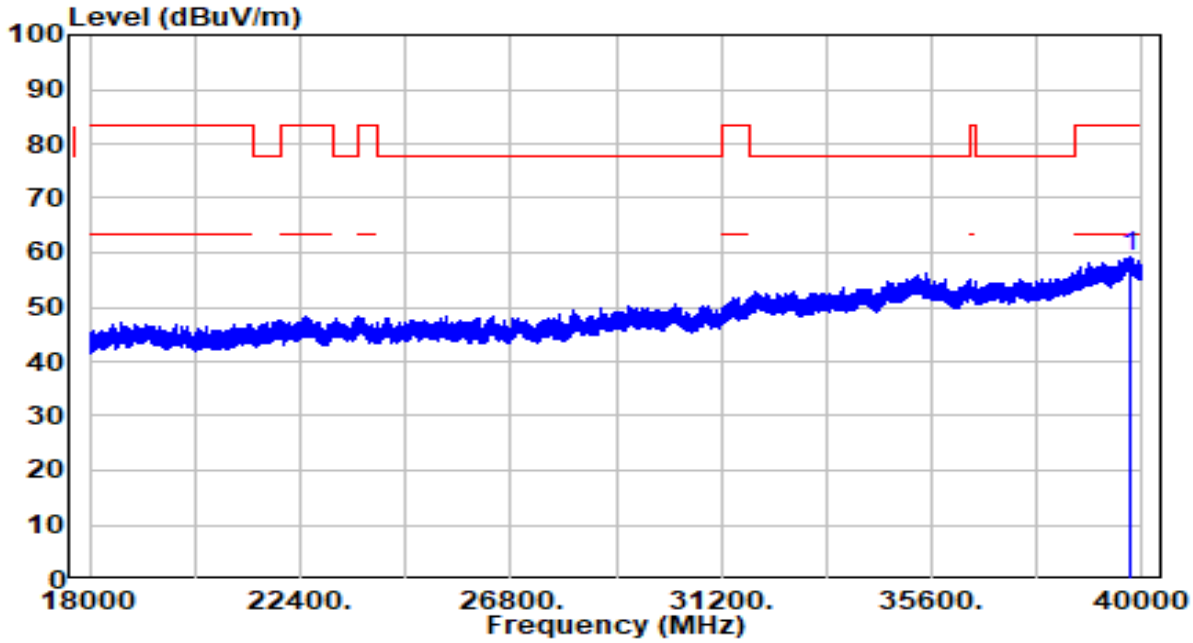


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	46.61	3.94	50.55	-23.45	74.00	100	121	Peak
2	*	17325.000	45.10	3.85	48.96	-19.24	68.20	100	115	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-05-04
Factor	BBHA 9170	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

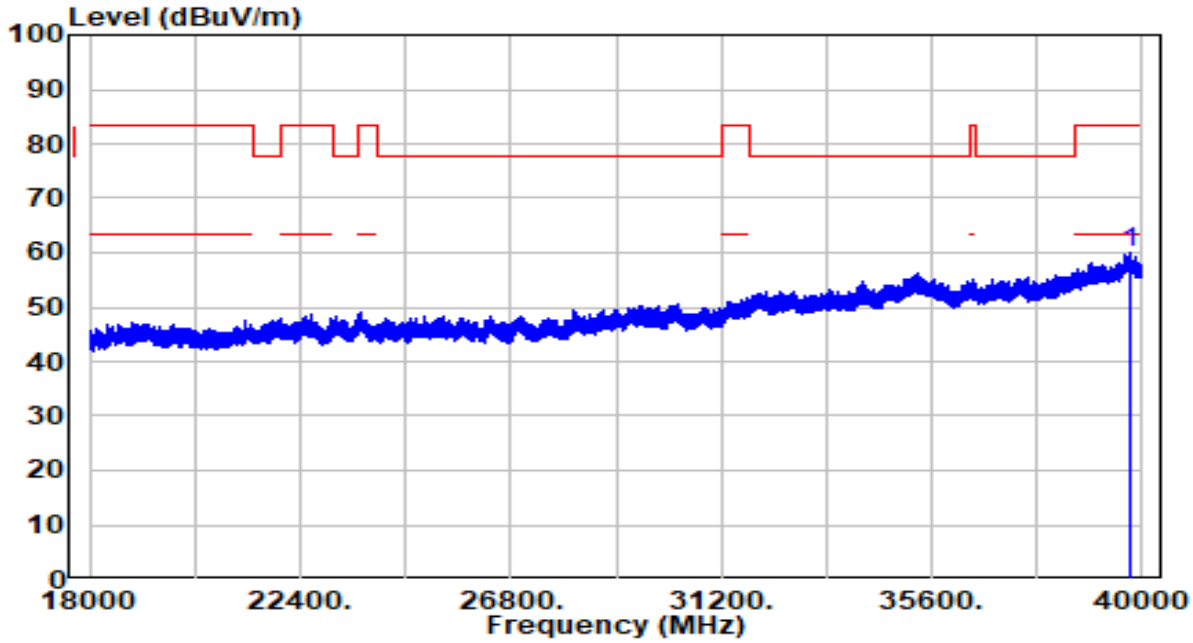


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	39749.750	32.87	26.46	59.32	-24.18	83.50	150	360	Peak

Note:

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

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-05-04
Factor	BBHA 9170	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
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	*	39735.310	33.62	26.43	60.05	-23.45	83.50	150	360	Peak

Note:

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

7.8. Radiated Restricted Band Edge Measurement

7.8.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[1] 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310 - 2390	15.35-16.2
8.362-8.366	156.52475-156.525	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	([2])
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 5.725-5.85 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 increasinglinearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasinglinearly 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 edgeincreasing 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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.8.3.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

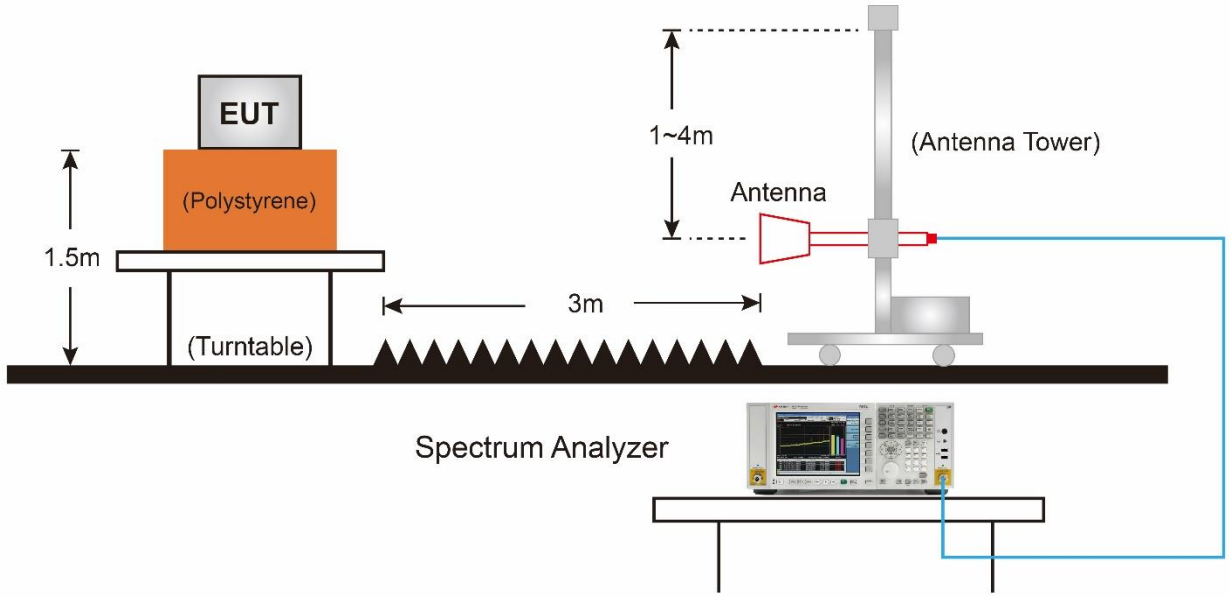
3. VBW, If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

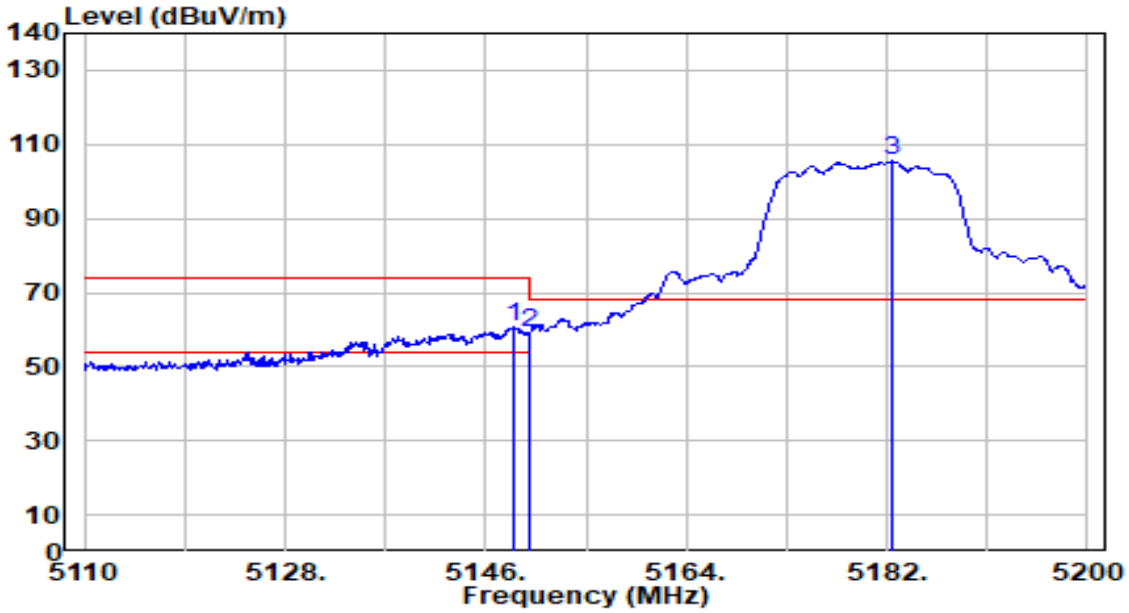
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.8.4.Test Setup



7.8.5.Test Result

EUT	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

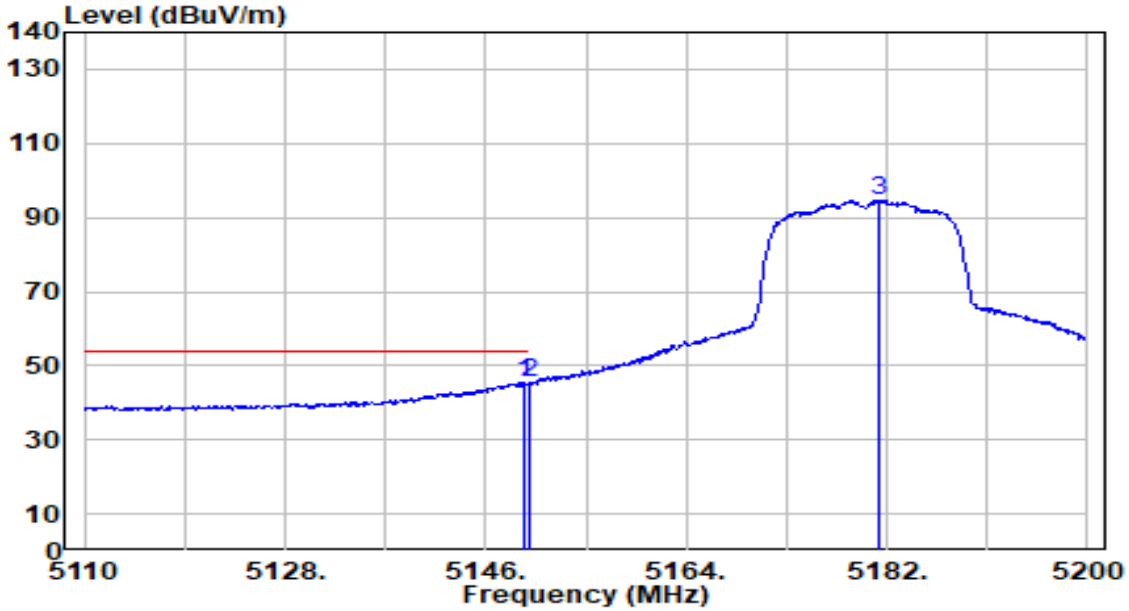


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.520	61.55	-0.73	60.82	-13.18	74.00	114	218	Peak
2		5150.000	60.01	-0.73	59.28	-14.72	74.00	114	218	Peak
3		5182.450	106.12	-0.69	105.42	N/A	N/A	114	218	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

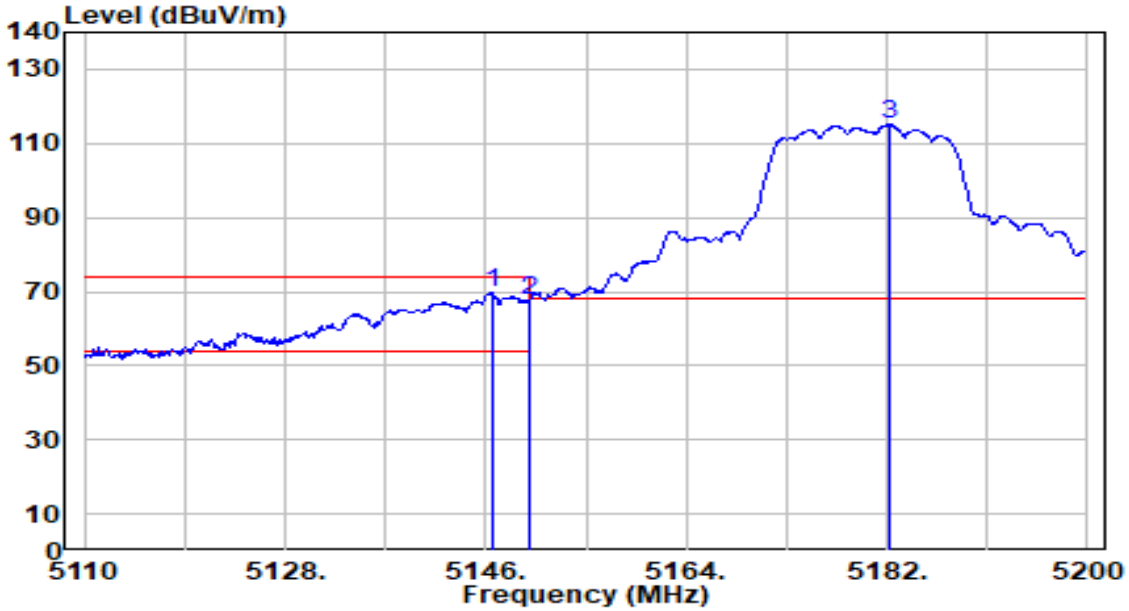


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.420	45.94	-0.73	45.22	-8.78	54.00	114	218	Average
2	*	5150.000	46.17	-0.73	45.45	-8.55	54.00	114	218	Average
3		5181.280	95.48	-0.70	94.79	N/A	N/A	114	218	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

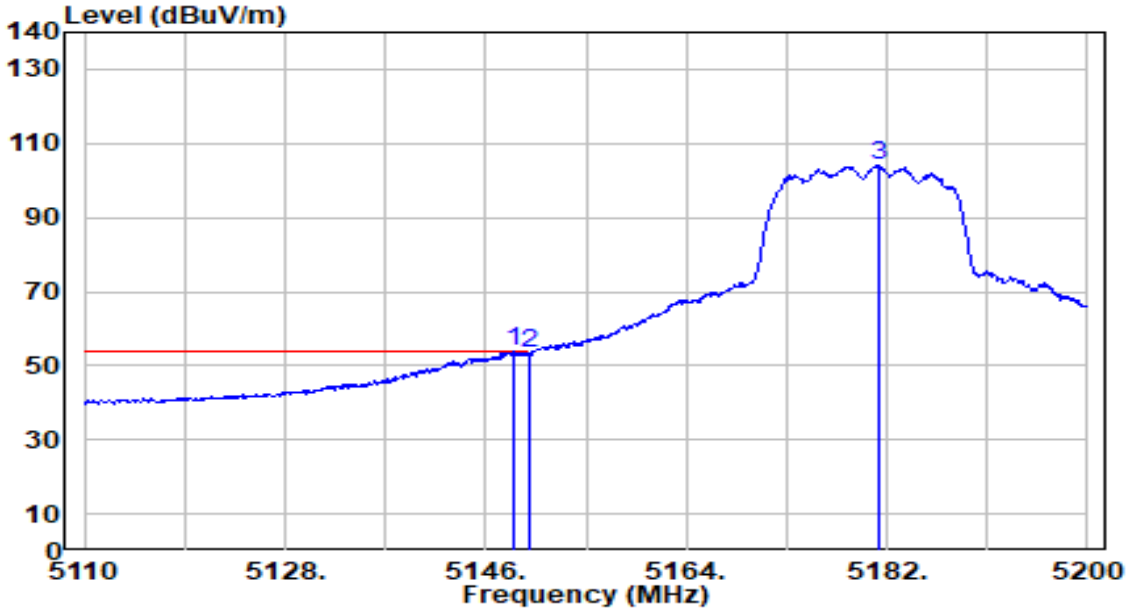


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.630	70.30	-0.73	69.57	-4.43	74.00	100	196	Peak
2		5150.000	68.57	-0.73	67.85	-6.15	74.00	100	196	Peak
3		5182.180	115.74	-0.70	115.05	N/A	N/A	100	196	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

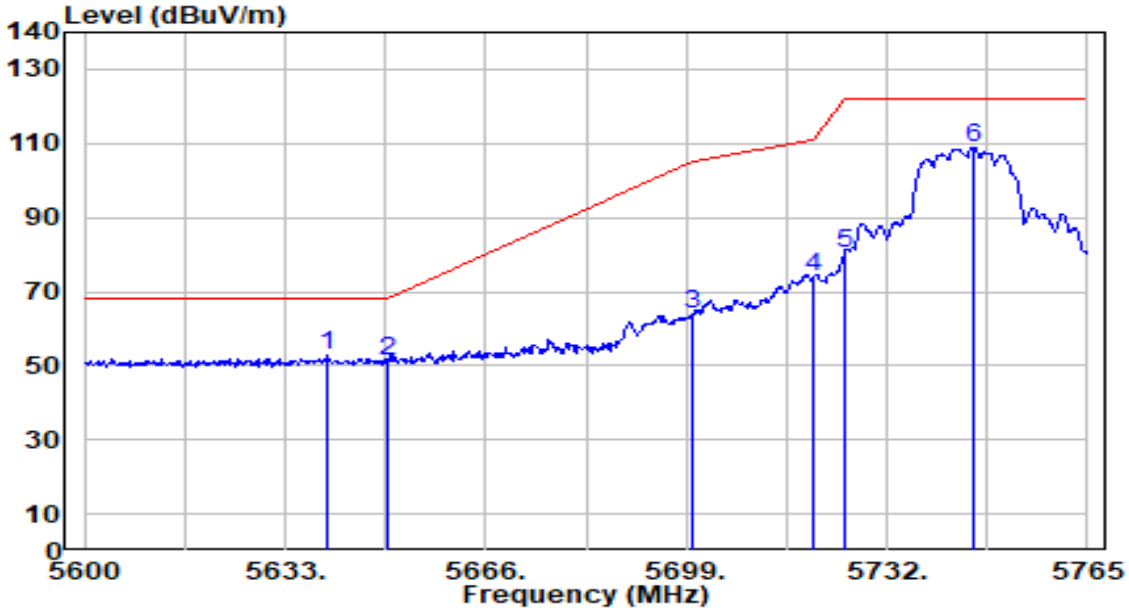


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.610	54.55	-0.73	53.82	-0.18	54.00	100	196	Average
2		5150.000	53.86	-0.73	53.13	-0.87	54.00	100	196	Average
3		5181.190	104.81	-0.70	104.12	N/A	N/A	100	196	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

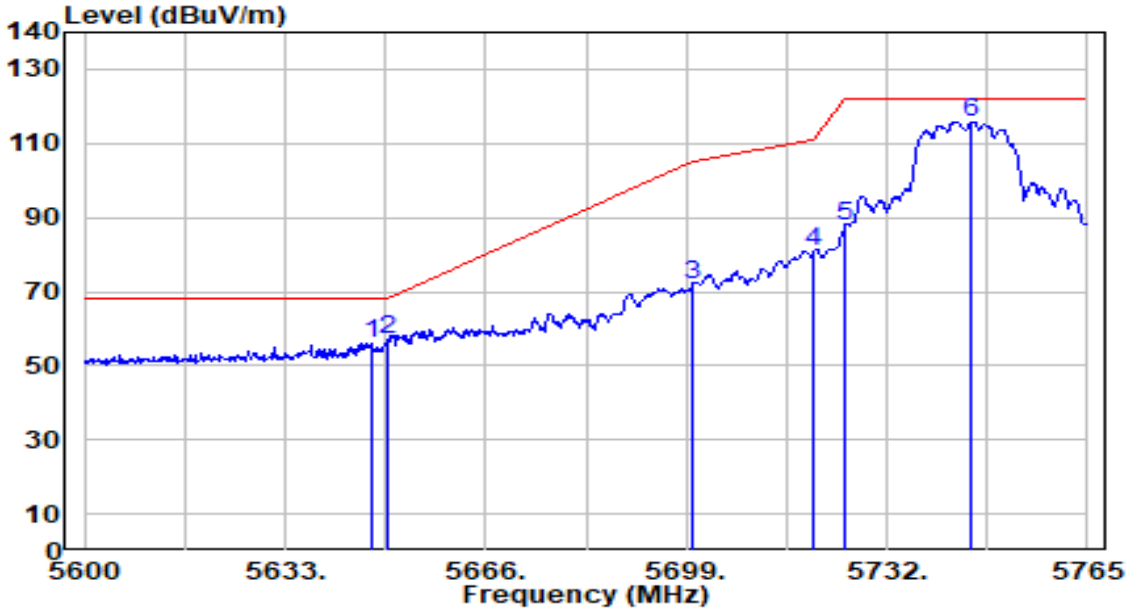


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5640.095	53.06	-0.11	52.95	-15.25	68.20	303	190	Peak
2		5650.000	51.35	-0.08	51.28	-16.92	68.20	303	190	Peak
3		5700.000	63.92	0.11	64.03	-41.17	105.20	303	190	Peak
4		5720.000	73.88	0.19	74.07	-36.73	110.80	303	190	Peak
5		5725.000	80.32	0.21	80.53	-41.67	122.20	303	190	Peak
6		5746.190	108.55	0.29	108.83	N/A	N/A	303	190	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

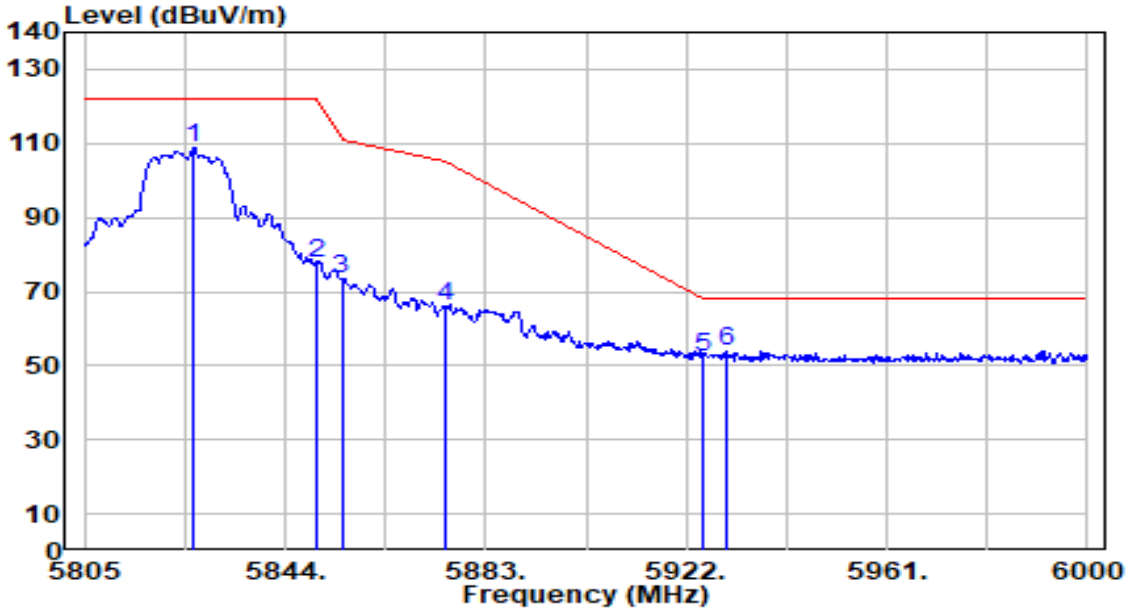


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5647.190	56.33	-0.09	56.24	-11.96	68.20	133	28	Peak
2	*	5650.000	57.39	-0.08	57.31	-10.89	68.20	133	28	Peak
3		5700.000	71.61	0.11	71.72	-33.48	105.20	133	28	Peak
4		5720.000	80.90	0.19	81.09	-29.71	110.80	133	28	Peak
5		5725.000	87.44	0.21	87.65	-34.55	122.20	133	28	Peak
6		5746.025	115.60	0.29	115.88	N/A	N/A	133	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

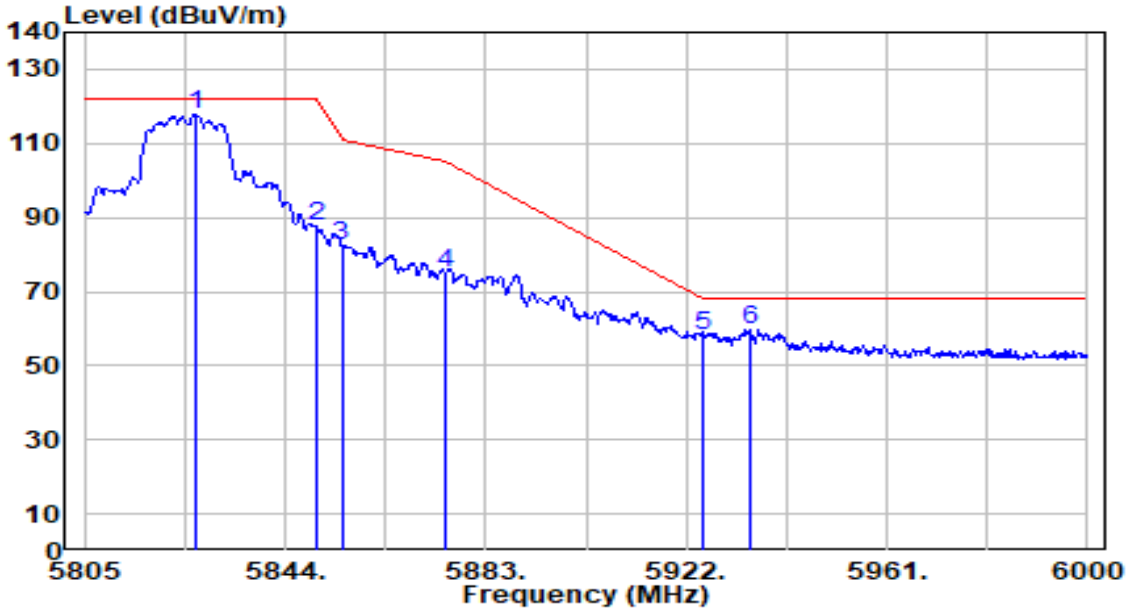


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.255	108.27	0.52	108.79	N/A	N/A	102	218	Peak
2		5850.000	77.27	0.55	77.82	-44.38	122.20	102	218	Peak
3		5855.000	72.68	0.56	73.23	-37.57	110.80	102	218	Peak
4		5875.000	65.22	0.58	65.80	-39.40	105.20	102	218	Peak
5		5925.000	51.45	0.65	52.10	-16.10	68.20	102	218	Peak
6	*	5929.605	53.43	0.65	54.08	-14.12	68.20	102	218	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E (1GHz~18GHz)_2022	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

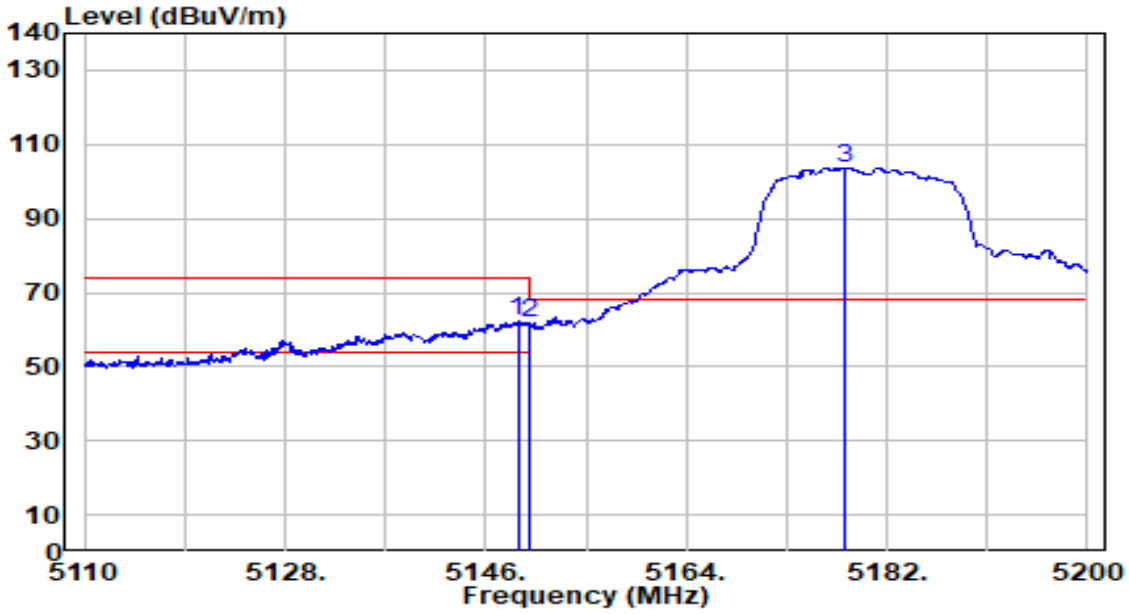


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.450	117.09	0.52	117.61	N/A	N/A	244	208	Peak
2		5850.000	87.11	0.55	87.66	-34.54	122.20	244	208	Peak
3		5855.000	81.97	0.56	82.53	-28.27	110.80	244	208	Peak
4		5875.000	74.51	0.58	75.10	-30.10	105.20	244	208	Peak
5		5925.000	57.24	0.65	57.88	-10.32	68.20	244	208	Peak
6	*	5934.480	59.06	0.66	59.72	-8.48	68.20	244	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

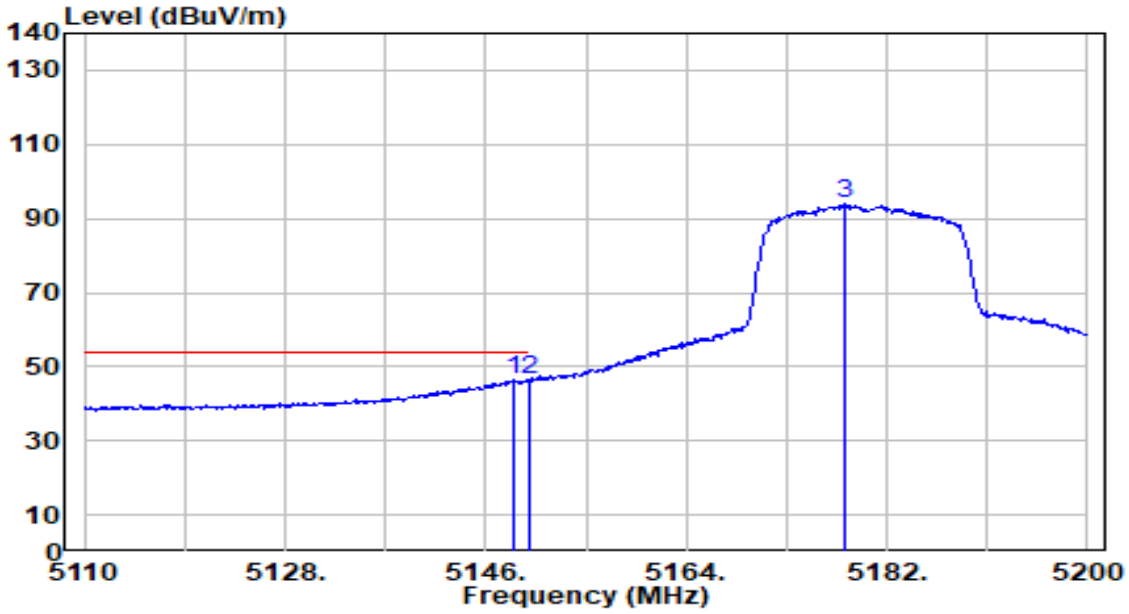


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.880	62.95	-0.73	62.22	-11.78	74.00	100	220	Peak
2		5150.000	62.68	-0.73	61.95	-12.05	74.00	100	220	Peak
3		5178.310	104.48	-0.70	103.78	N/A	N/A	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

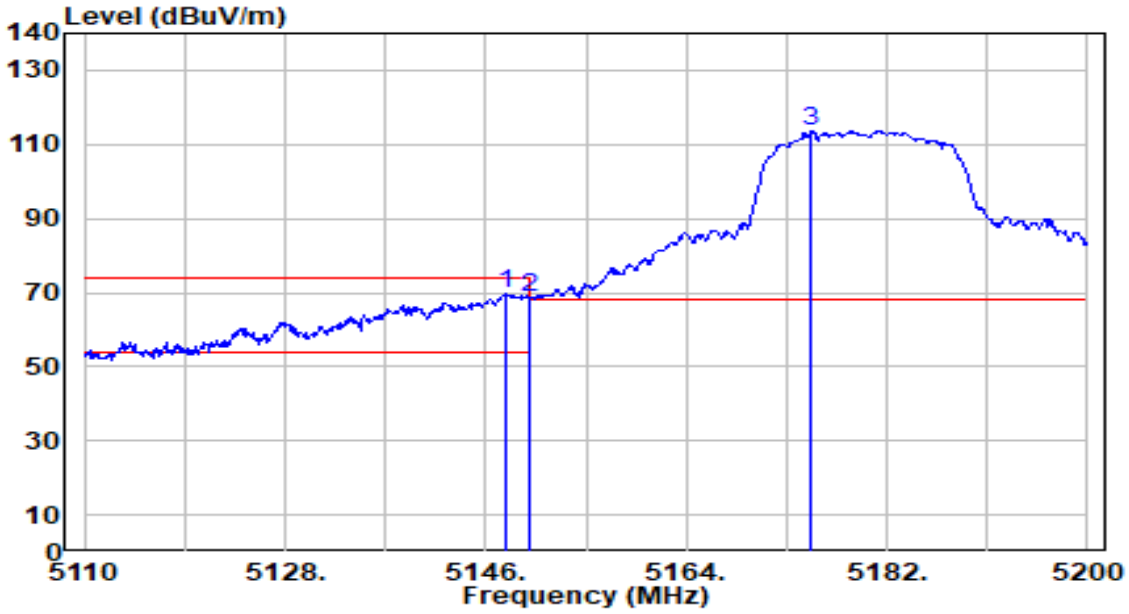


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.430	47.09	-0.73	46.36	-7.64	54.00	100	220	Average
2	*	5150.000	47.09	-0.73	46.37	-7.63	54.00	100	220	Average
3		5178.310	94.57	-0.70	93.87	N/A	N/A	100	220	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

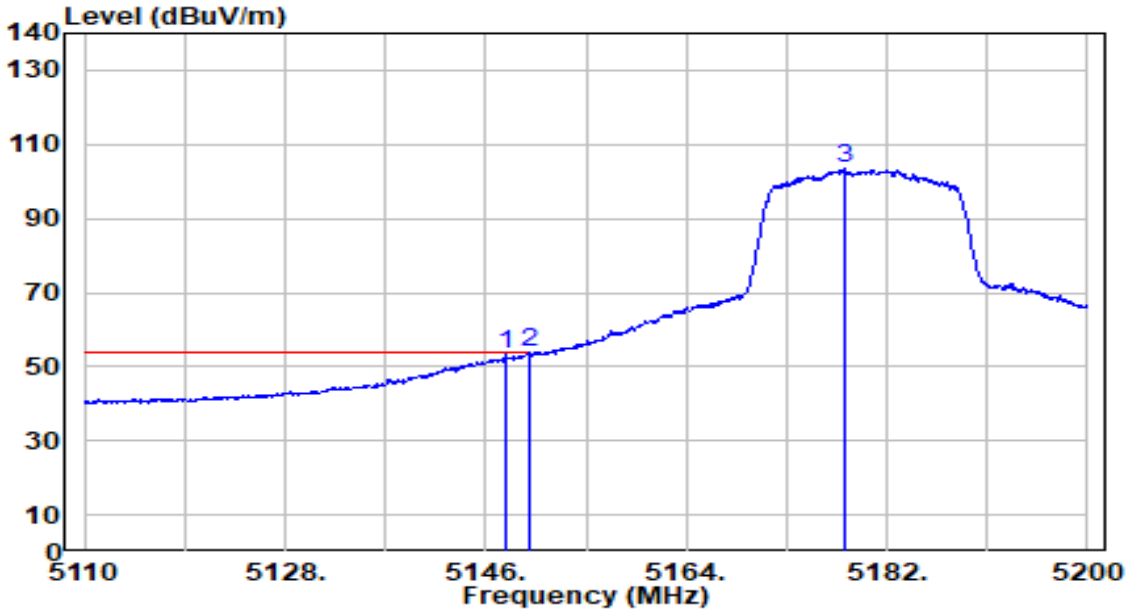


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.710	70.25	-0.73	69.52	-4.48	74.00	100	192	Peak
2		5150.000	69.44	-0.73	68.71	-5.29	74.00	100	192	Peak
3		5175.070	114.28	-0.70	113.57	N/A	N/A	100	192	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

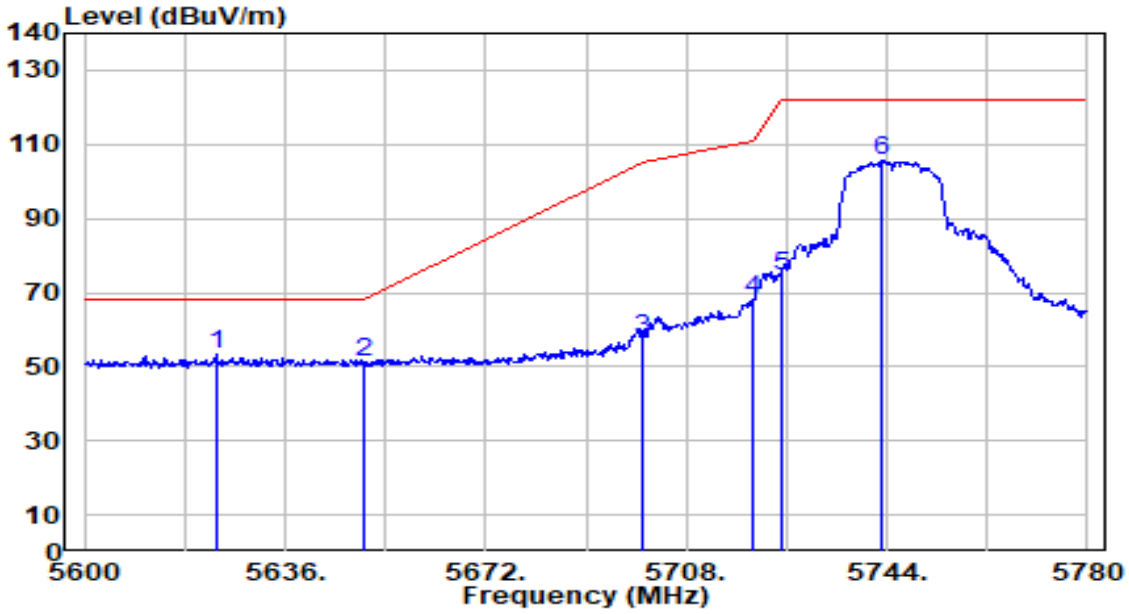


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5147.890	53.88	-0.73	53.16	-0.84	54.00	100	192	Average
2	*	5150.000	54.57	-0.73	53.85	-0.15	54.00	100	192	Average
3		5178.310	104.03	-0.70	103.33	N/A	N/A	100	192	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

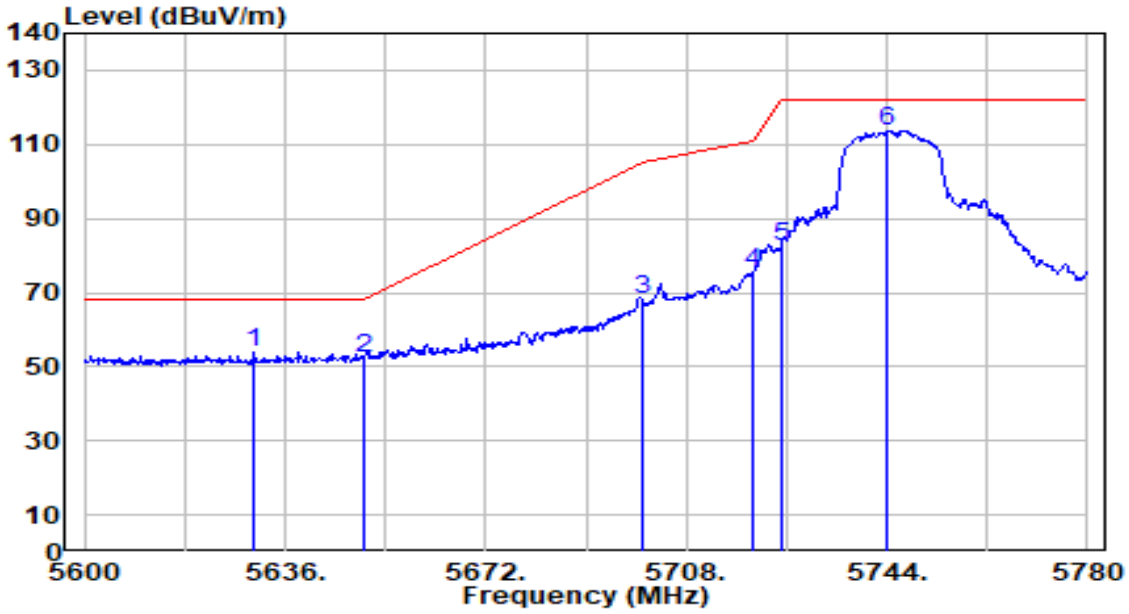


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5623.580	53.31	-0.18	53.13	-15.07	68.20	289	187	Peak
2		5650.000	51.35	-0.08	51.28	-16.92	68.20	289	187	Peak
3		5700.000	57.72	0.11	57.84	-47.36	105.20	289	187	Peak
4		5720.000	68.16	0.19	68.35	-42.45	110.80	289	187	Peak
5		5725.000	74.40	0.21	74.60	-47.60	122.20	289	187	Peak
6		5743.280	105.43	0.27	105.71	N/A	N/A	289	187	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

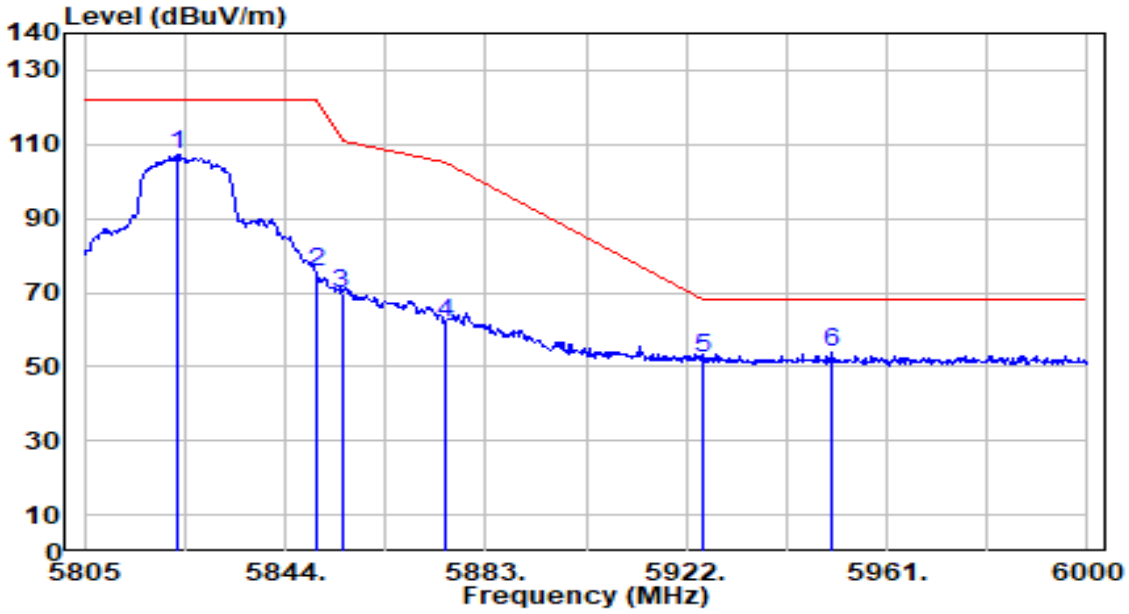


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5630.420	53.98	-0.15	53.83	-14.37	68.20	133	28	Peak
2		5650.000	52.45	-0.08	52.38	-15.82	68.20	133	28	Peak
3		5700.000	68.29	0.11	68.40	-36.80	105.20	133	28	Peak
4		5720.000	75.19	0.19	75.38	-35.42	110.80	133	28	Peak
5		5725.000	82.29	0.21	82.50	-39.70	122.20	133	28	Peak
6		5744.180	113.57	0.28	113.85	N/A	N/A	133	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

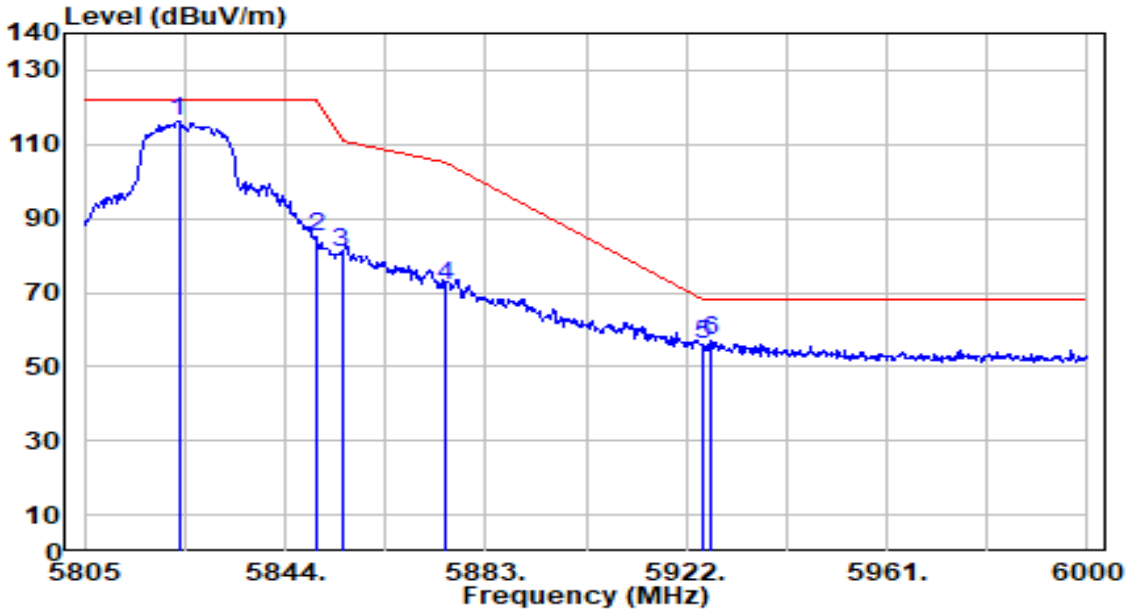


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.135	106.85	0.52	107.37	N/A	N/A	102	218	Peak
2		5850.000	74.98	0.55	75.53	-46.67	122.20	102	218	Peak
3		5855.000	69.34	0.56	69.90	-40.90	110.80	102	218	Peak
4		5875.000	61.45	0.58	62.03	-43.17	105.20	102	218	Peak
5		5925.000	51.87	0.65	52.52	-15.68	68.20	102	218	Peak
6	*	5950.470	53.11	0.68	53.78	-14.42	68.20	102	218	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

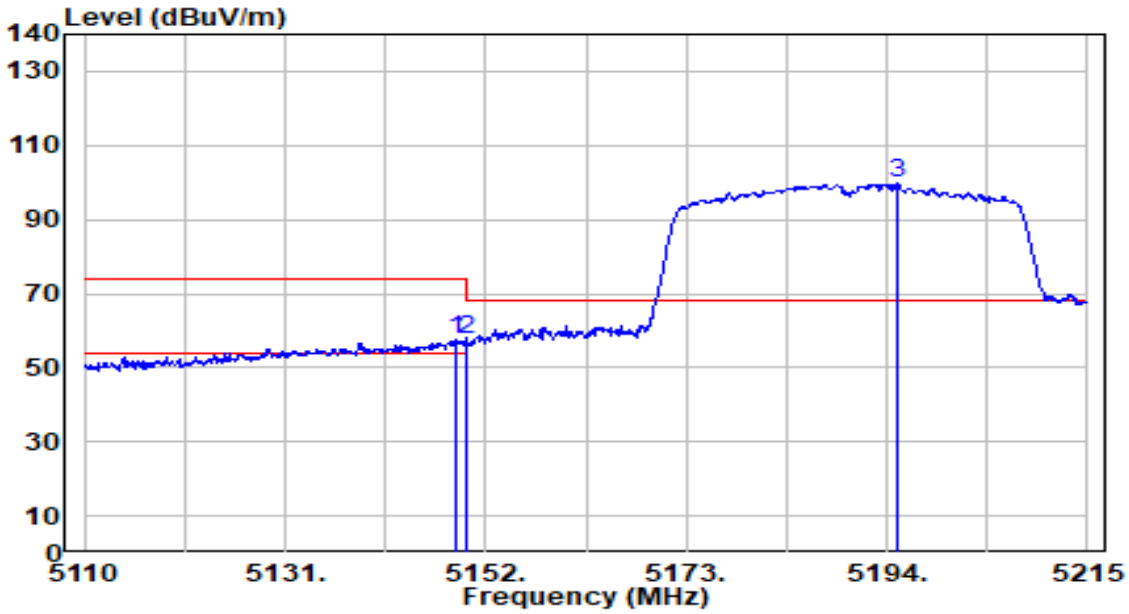


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.330	115.73	0.52	116.25	N/A	N/A	244	208	Peak
2		5850.000	84.34	0.55	84.89	-37.31	122.20	244	208	Peak
3		5855.000	80.18	0.56	80.73	-30.07	110.80	244	208	Peak
4		5875.000	71.41	0.58	71.99	-33.21	105.20	244	208	Peak
5		5925.000	55.48	0.65	56.12	-12.08	68.20	244	208	Peak
6	*	5926.875	56.42	0.65	57.07	-11.13	68.20	244	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

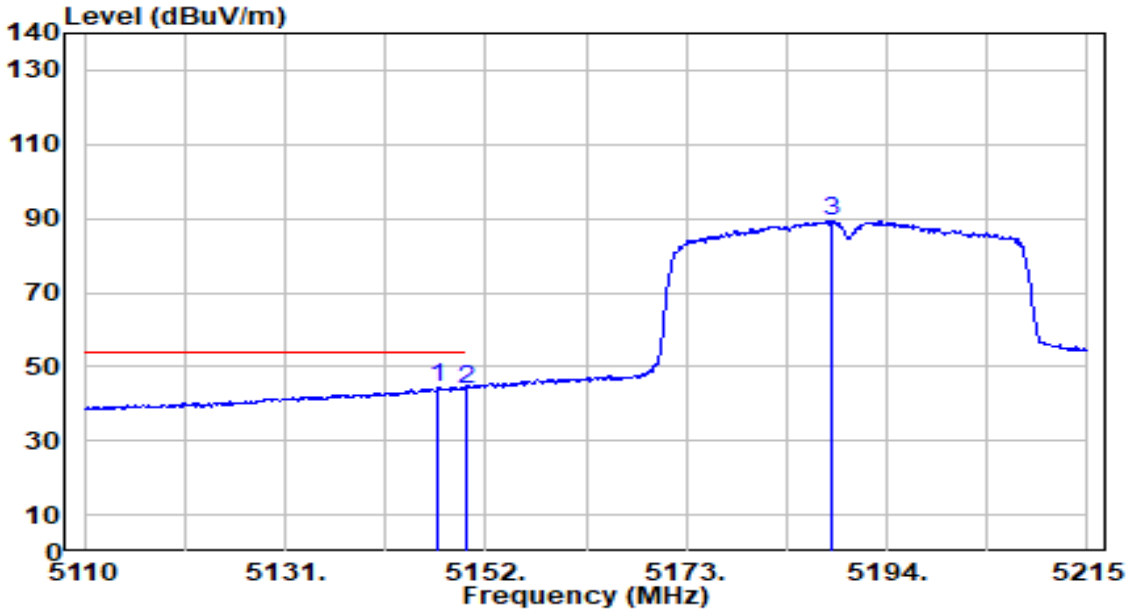


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.955	58.24	-0.73	57.51	-16.49	74.00	125	220	Peak
2		5150.000	58.11	-0.73	57.39	-16.61	74.00	125	220	Peak
3		5195.050	100.38	-0.68	99.70	N/A	N/A	125	220	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

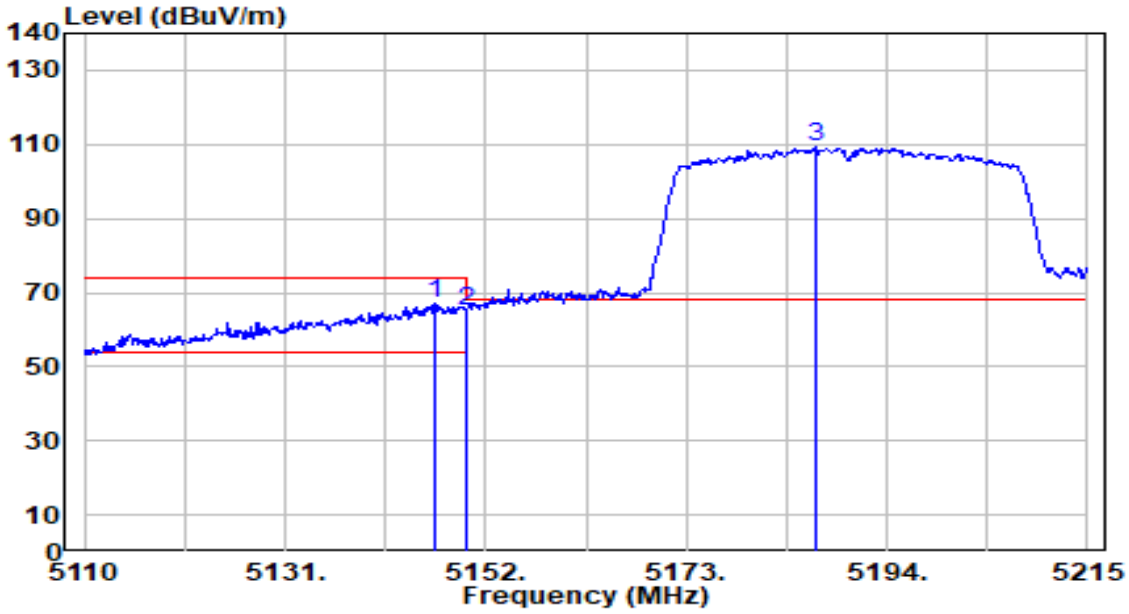


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.065	45.03	-0.73	44.30	-9.70	54.00	125	220	Average
2		5150.000	44.77	-0.73	44.04	-9.96	54.00	125	220	Average
3		5188.225	89.77	-0.69	89.08	N/A	N/A	125	220	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

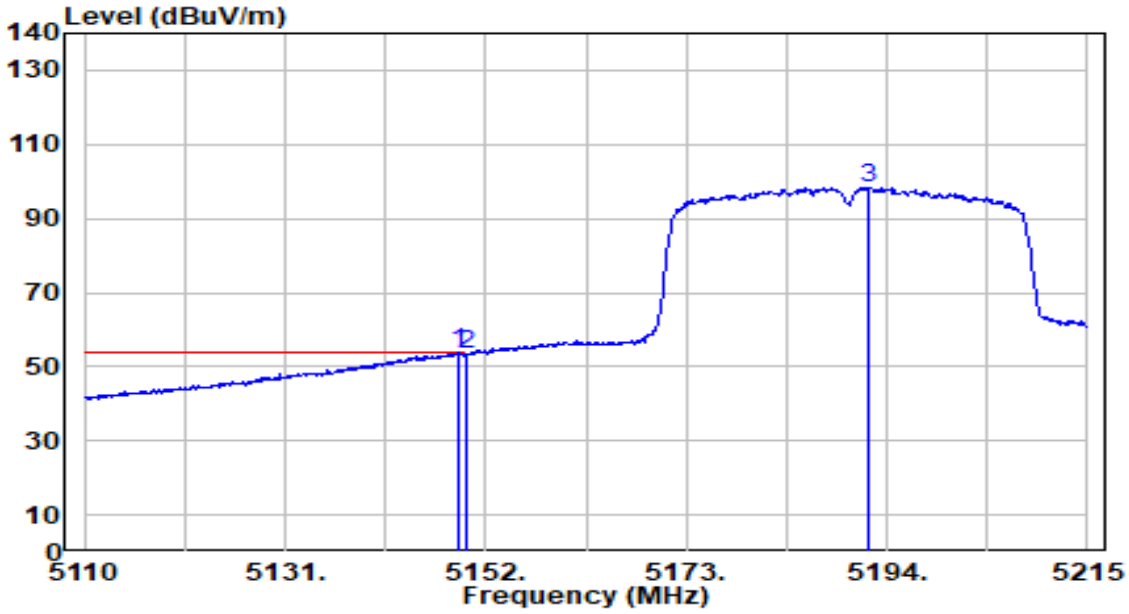


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.645	67.76	-0.73	67.03	-6.97	74.00	100	192	Peak
2		5150.000	65.87	-0.73	65.15	-8.85	74.00	100	192	Peak
3		5186.650	110.20	-0.69	109.51	N/A	N/A	100	192	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

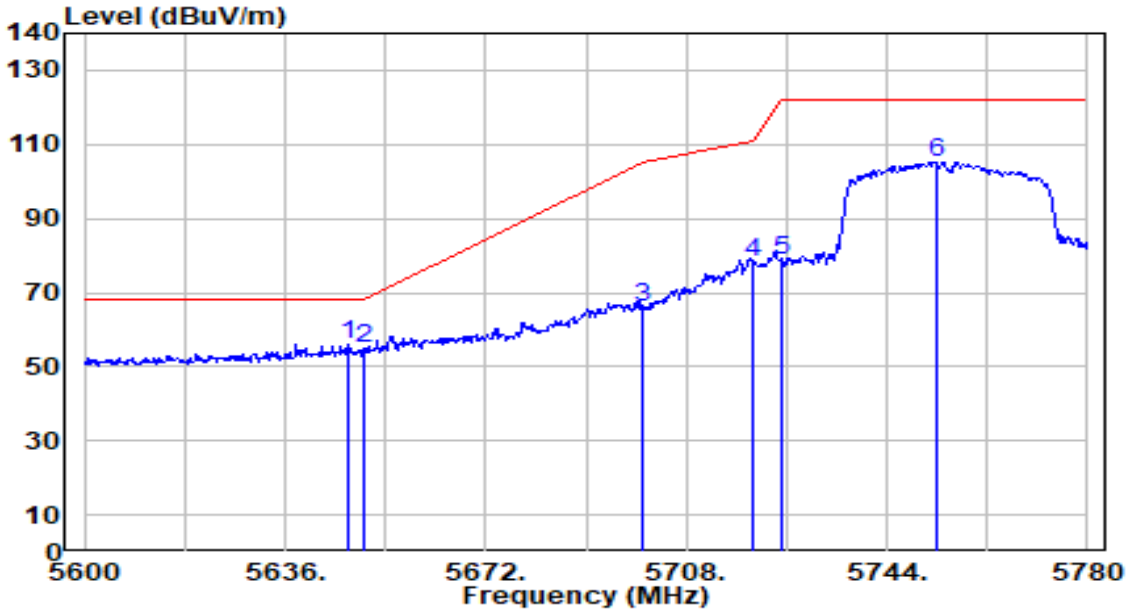


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.270	54.61	-0.73	53.88	-0.12	54.00	100	192	Average
2		5150.000	54.02	-0.73	53.29	-0.71	54.00	100	192	Average
3		5192.005	99.19	-0.69	98.51	N/A	N/A	100	192	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

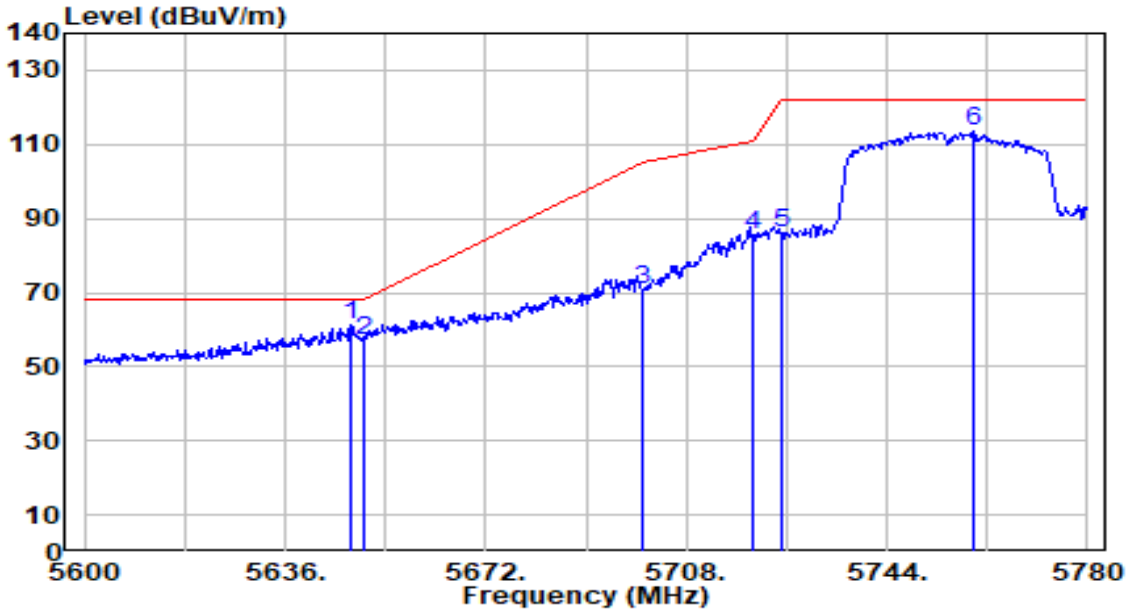


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.160	56.15	-0.09	56.06	-12.14	68.20	252	148	Peak
2		5650.000	55.10	-0.08	55.02	-13.18	68.20	252	148	Peak
3		5700.000	65.92	0.11	66.03	-39.17	105.20	252	148	Peak
4		5720.000	78.16	0.19	78.34	-32.46	110.80	252	148	Peak
5		5725.000	78.73	0.21	78.94	-43.26	122.20	252	148	Peak
6		5752.820	104.89	0.31	105.20	N/A	N/A	252	148	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

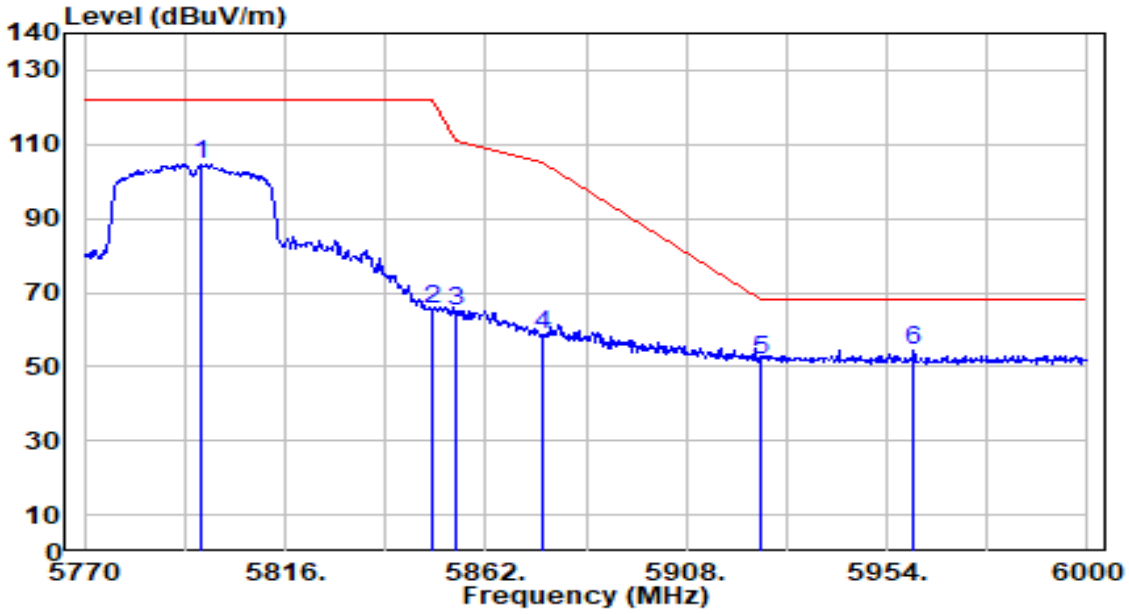


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.700	61.49	-0.08	61.41	-6.79	68.20	249	208	Peak
2		5650.000	57.21	-0.08	57.14	-11.06	68.20	249	208	Peak
3		5700.000	70.89	0.11	71.00	-34.20	105.20	249	208	Peak
4		5720.000	85.30	0.19	85.48	-25.32	110.80	249	208	Peak
5		5725.000	85.66	0.21	85.87	-36.33	122.20	249	208	Peak
6		5759.480	112.99	0.34	113.32	N/A	N/A	249	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

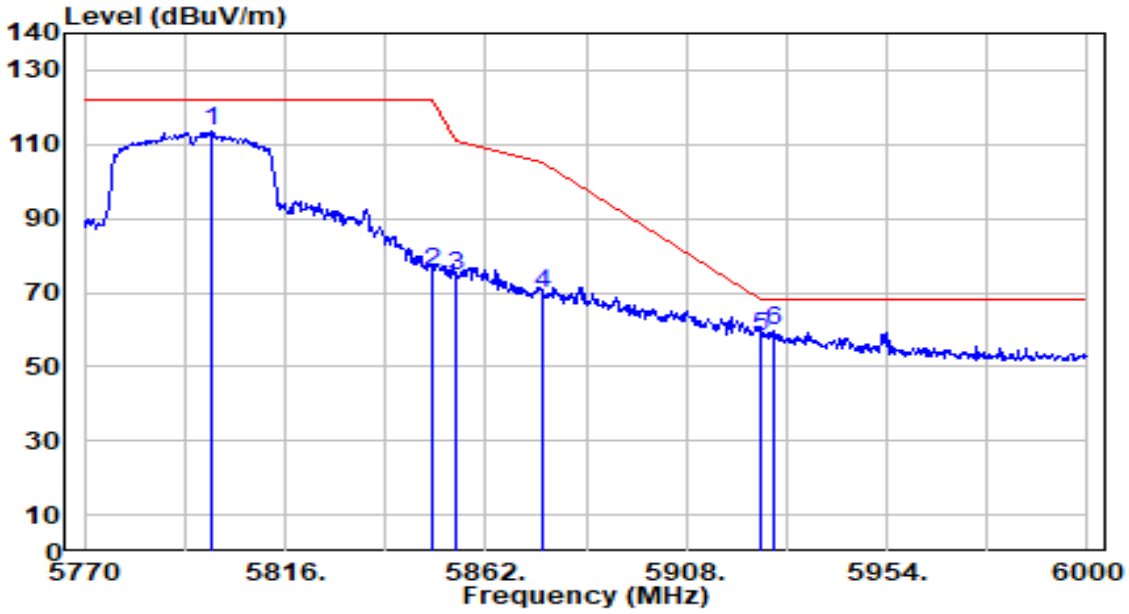


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5796.680	104.23	0.48	104.70	N/A	N/A	100	220	Peak
2		5850.000	65.12	0.55	65.68	-56.52	122.20	100	220	Peak
3		5855.000	64.35	0.56	64.90	-45.90	110.80	100	220	Peak
4		5875.000	58.02	0.58	58.61	-46.59	105.20	100	220	Peak
5		5925.000	51.29	0.65	51.94	-16.26	68.20	100	220	Peak
6	*	5959.980	53.71	0.69	54.40	-13.80	68.20	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) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

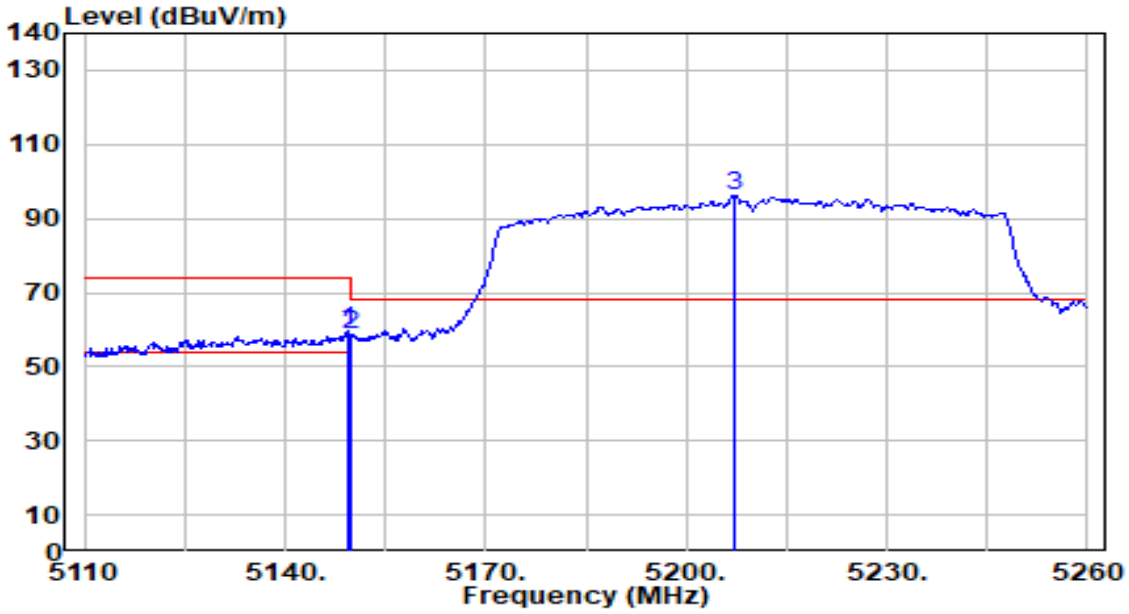


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5799.440	113.27	0.49	113.76	N/A	N/A	252	210	Peak
2		5850.000	75.13	0.55	75.68	-46.52	122.20	252	210	Peak
3		5855.000	73.70	0.56	74.26	-36.54	110.80	252	210	Peak
4		5875.000	69.24	0.58	69.83	-35.37	105.20	252	210	Peak
5		5925.000	57.59	0.65	58.24	-9.96	68.20	252	210	Peak
6	*	5928.240	59.01	0.65	59.66	-8.54	68.20	252	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

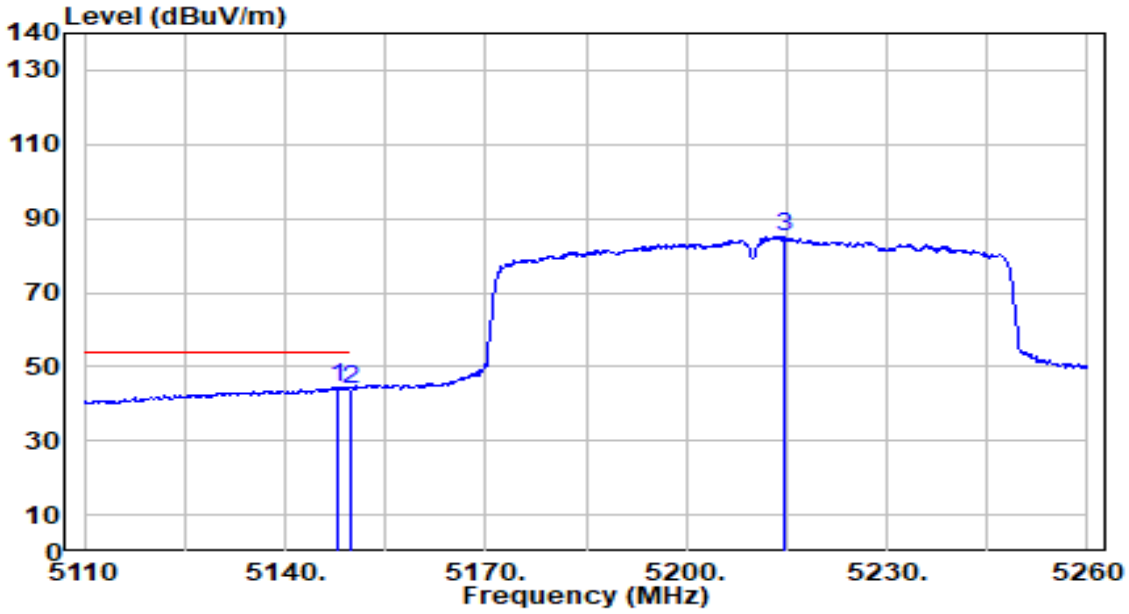


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.300	60.34	-0.73	59.61	-14.39	74.00	124	220	Peak
2		5150.000	59.31	-0.73	58.59	-15.41	74.00	124	220	Peak
3		5207.200	96.81	-0.69	96.12	N/A	N/A	124	220	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

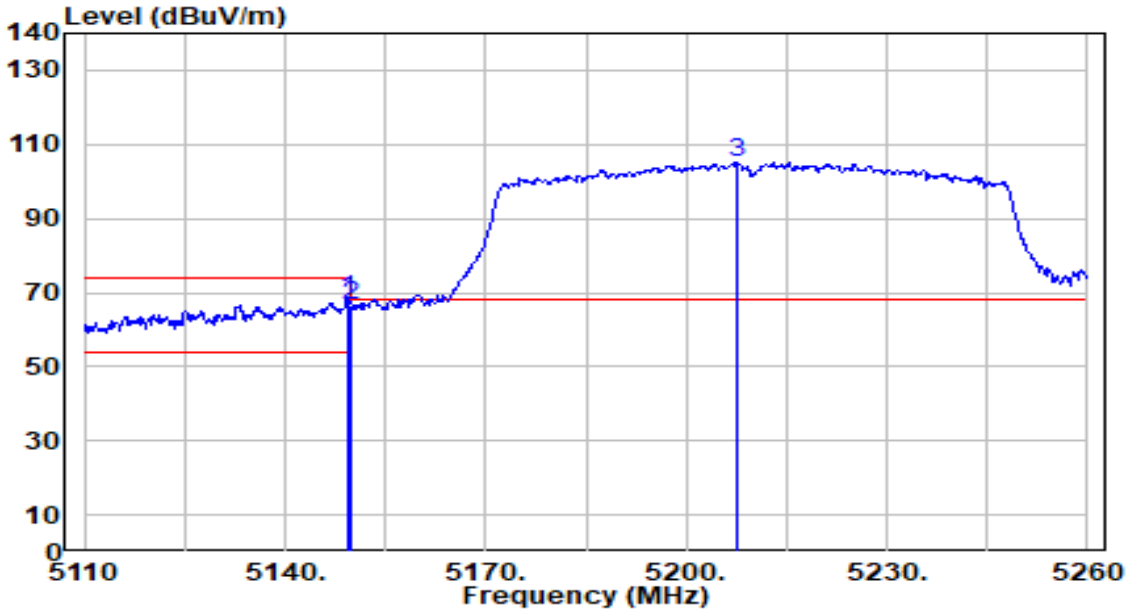


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.800	45.03	-0.73	44.31	-9.69	54.00	124	220	Average
2		5150.000	44.79	-0.73	44.06	-9.94	54.00	124	220	Average
3		5214.550	85.84	-0.71	85.14	N/A	N/A	124	220	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

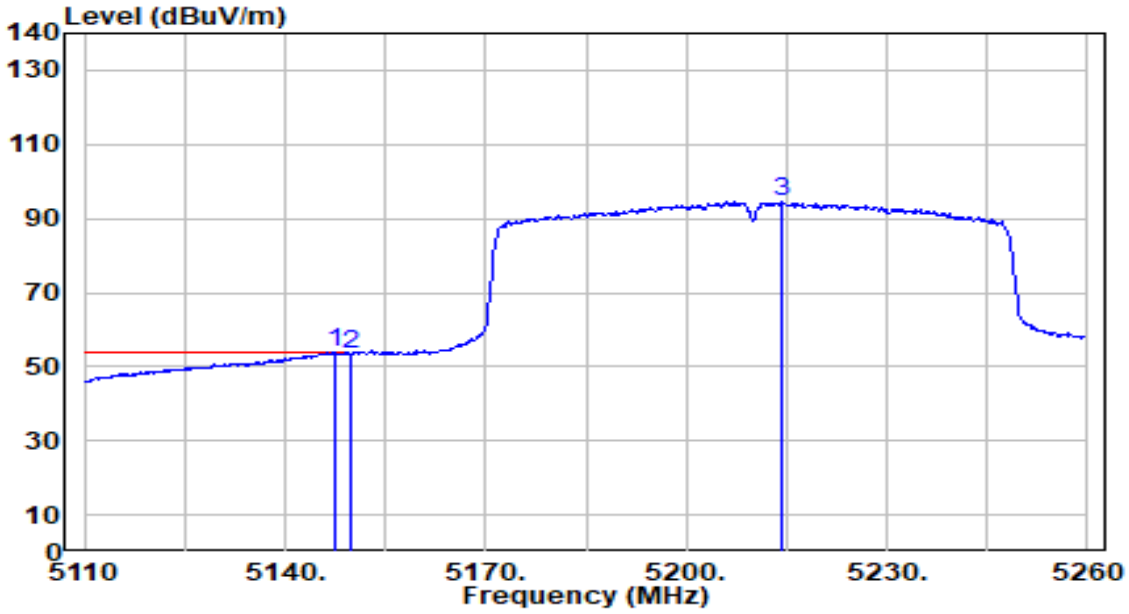


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.450	68.93	-0.73	68.21	-5.79	74.00	100	189	Peak
2		5150.000	67.41	-0.73	66.68	-7.32	74.00	100	189	Peak
3		5207.650	105.81	-0.69	105.11	N/A	N/A	100	189	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

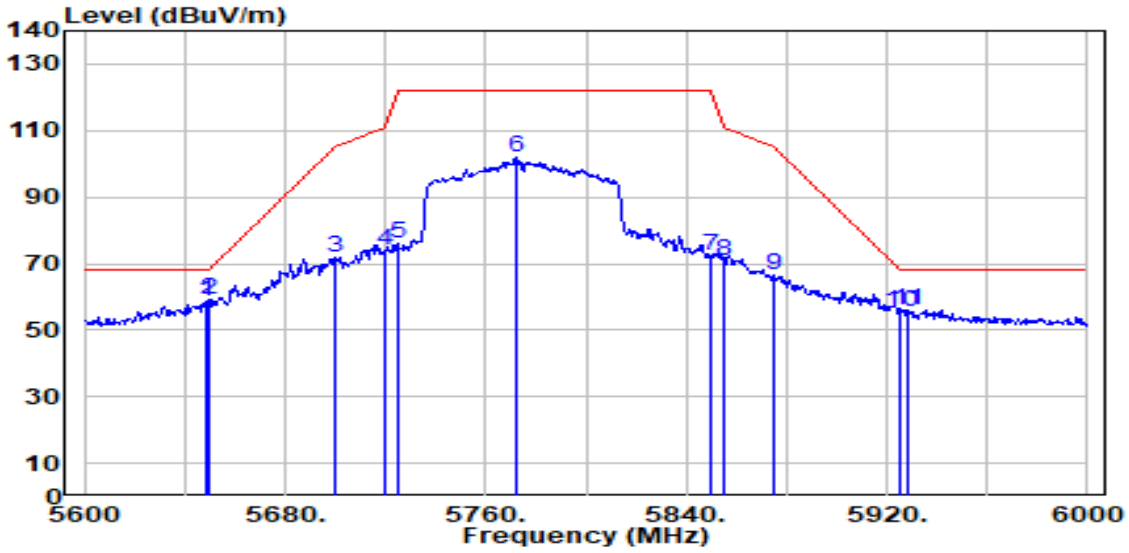


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.500	54.63	-0.73	53.90	-0.10	54.00	100	189	Average
2		5150.000	54.34	-0.73	53.61	-0.39	54.00	100	189	Average
3		5214.100	95.26	-0.71	94.56	N/A	N/A	100	189	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

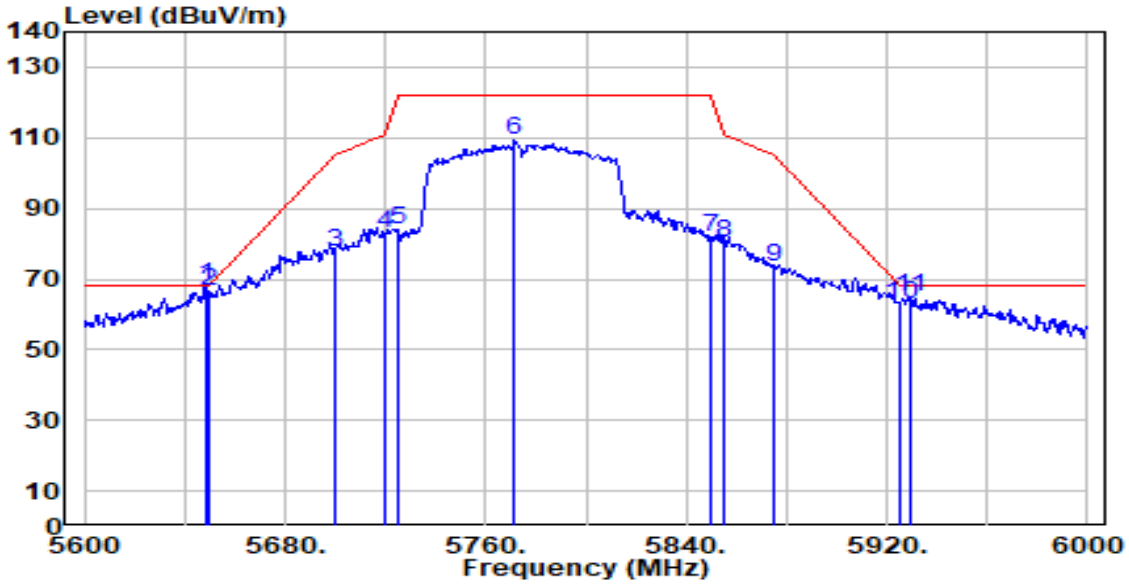


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5648.400	58.86	-0.08	58.78	-9.42	68.20	300	199	Peak
2	*	5650.000	59.13	-0.08	59.05	-9.15	68.20	300	199	Peak
3		5700.000	71.65	0.11	71.76	-33.44	105.20	300	199	Peak
4		5720.000	73.78	0.19	73.97	-36.83	110.80	300	199	Peak
5		5725.000	75.85	0.21	76.05	-46.15	122.20	300	199	Peak
6		5772.000	101.54	0.38	101.92	N/A	N/A	300	199	Peak
7		5850.000	71.89	0.55	72.44	-49.76	122.20	300	199	Peak
8		5855.000	70.24	0.56	70.80	-40.00	110.80	300	199	Peak
9		5875.000	65.78	0.58	66.36	-38.84	105.20	300	199	Peak
10		5925.000	55.06	0.65	55.71	-12.49	68.20	300	199	Peak
11		5928.000	55.47	0.65	56.12	-12.08	68.20	300	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-25
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

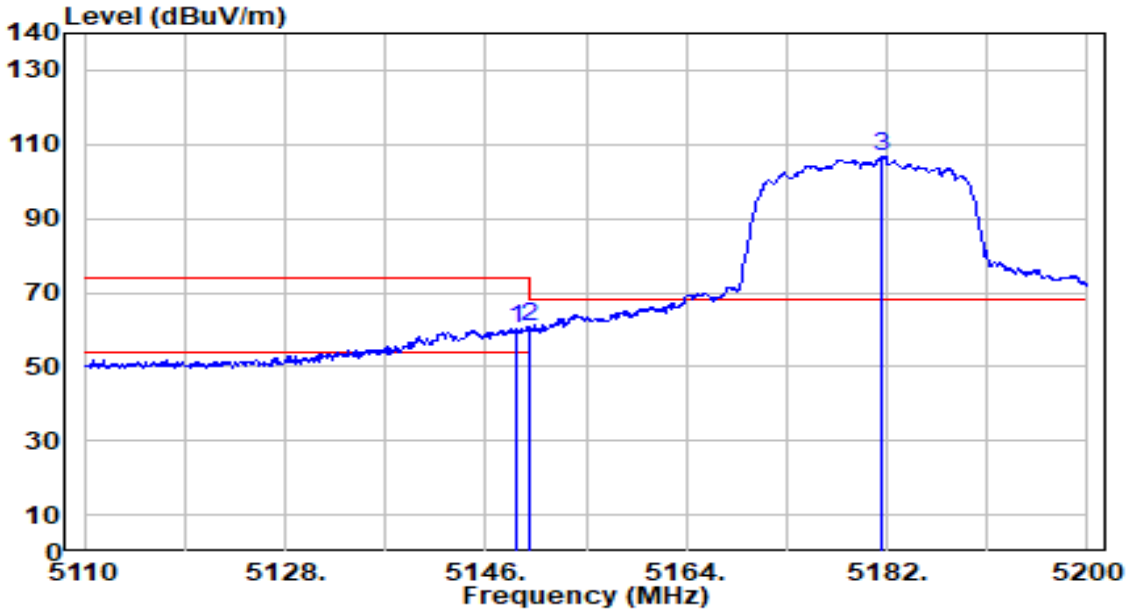


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.400	68.12	-0.08	68.04	-0.16	68.20	268	213	Peak
2		5650.000	66.40	-0.08	66.32	-1.88	68.20	268	213	Peak
3		5700.000	77.65	0.11	77.77	-27.43	105.20	268	213	Peak
4		5720.000	82.91	0.19	83.09	-27.71	110.80	268	213	Peak
5		5725.000	83.88	0.21	84.08	-38.12	122.20	268	213	Peak
6		5771.600	108.85	0.38	109.23	N/A	N/A	268	213	Peak
7		5850.000	81.08	0.55	81.64	-40.56	122.20	268	213	Peak
8		5855.000	79.65	0.56	80.20	-30.60	110.80	268	213	Peak
9		5875.000	72.77	0.58	73.35	-31.85	105.20	268	213	Peak
10		5925.000	62.18	0.65	62.83	-5.37	68.20	268	213	Peak
11		5929.200	64.07	0.65	64.72	-3.48	68.20	268	213	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

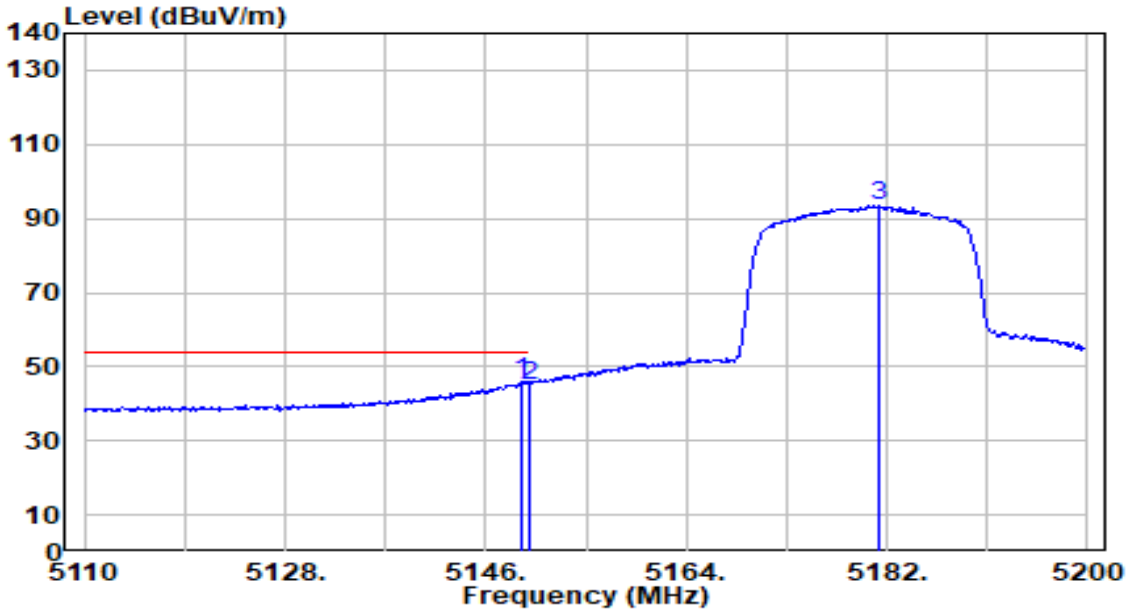


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.790	60.99	-0.73	60.26	-13.74	74.00	113	215	Peak
2	*	5150.000	61.45	-0.73	60.73	-13.27	74.00	113	215	Peak
3		5181.640	107.45	-0.70	106.76	N/A	N/A	113	215	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

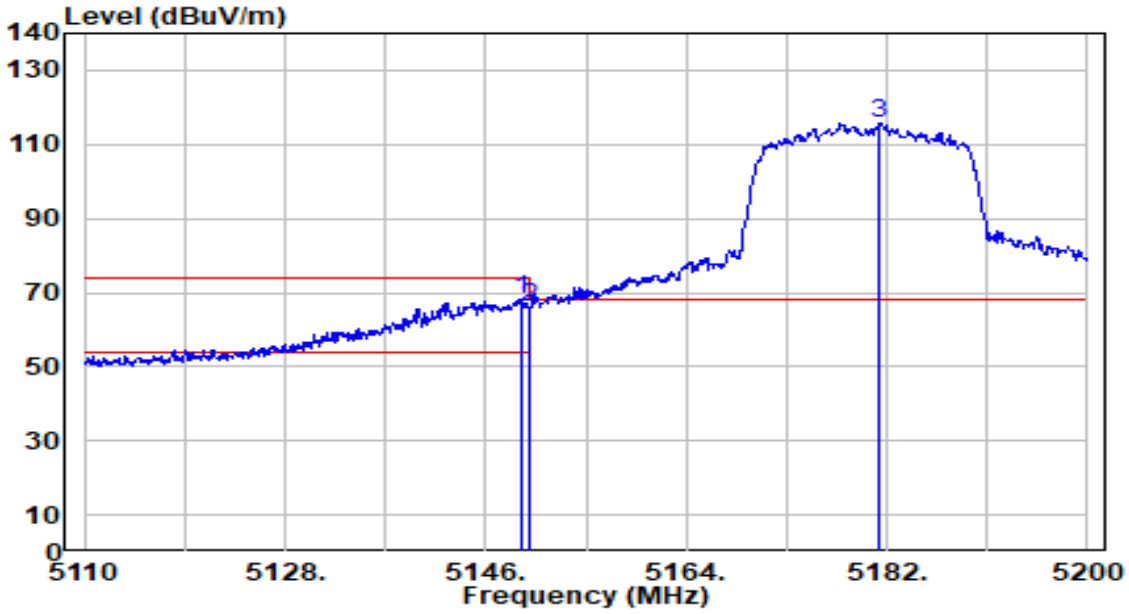


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	46.58	-0.73	45.85	-8.15	54.00	113	215	Average
2		5150.000	45.77	-0.73	45.05	-8.95	54.00	113	215	Average
3		5181.280	94.31	-0.70	93.61	N/A	N/A	113	215	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

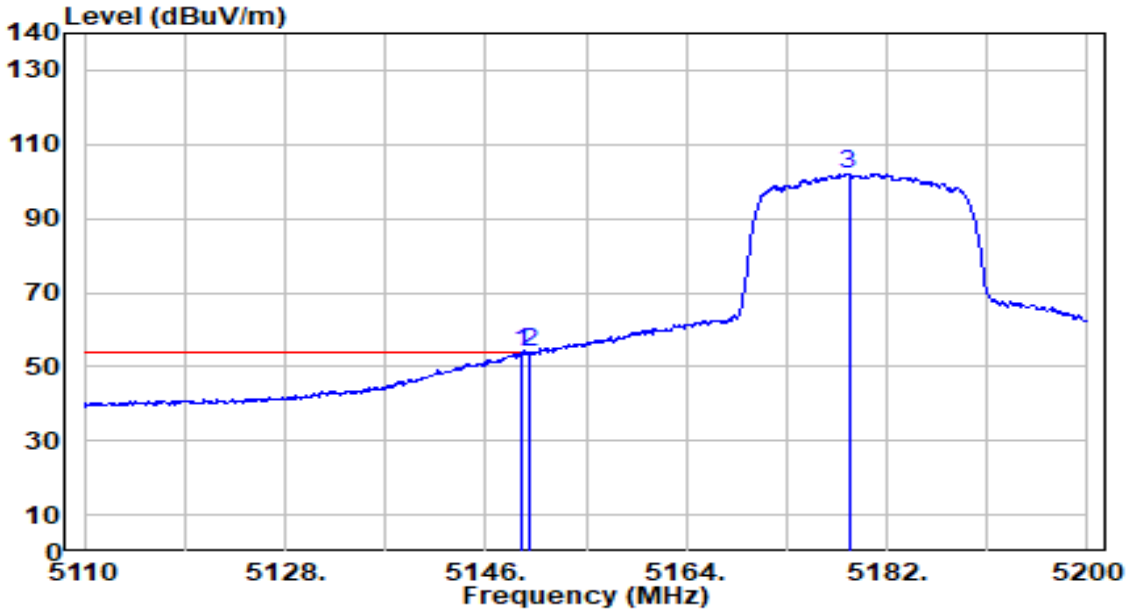


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	69.03	-0.73	68.31	-5.69	74.00	100	188	Peak
2		5150.000	66.92	-0.73	66.19	-7.81	74.00	100	188	Peak
3		5181.370	116.27	-0.70	115.57	N/A	N/A	100	188	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

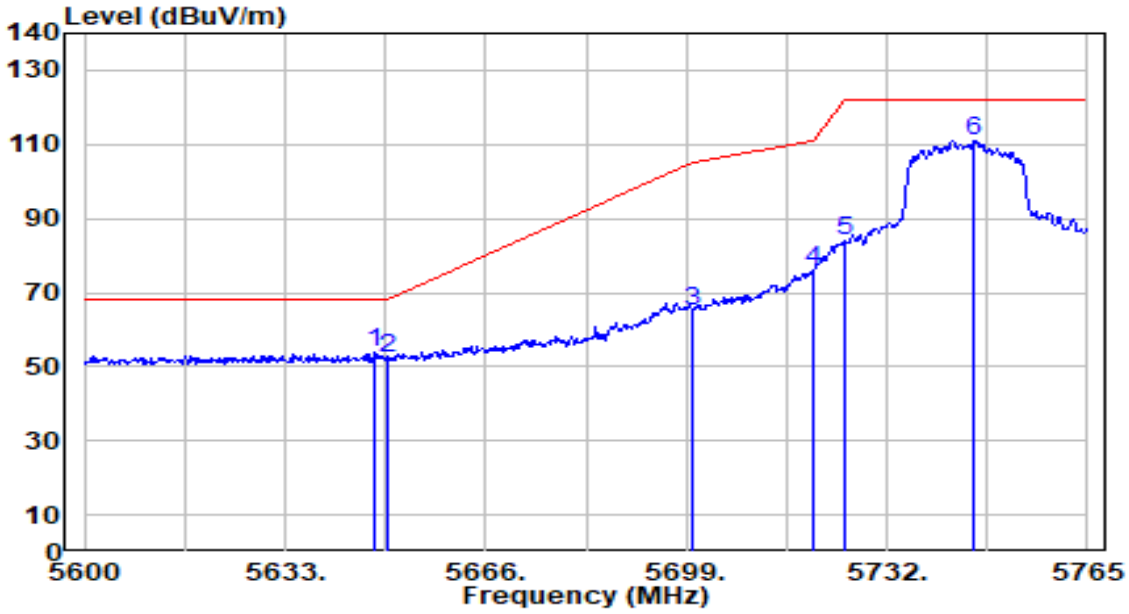


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.240	54.57	-0.73	53.84	-0.16	54.00	100	188	Average
2		5150.000	54.41	-0.73	53.68	-0.32	54.00	100	188	Average
3		5178.580	102.80	-0.70	102.10	N/A	N/A	100	188	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

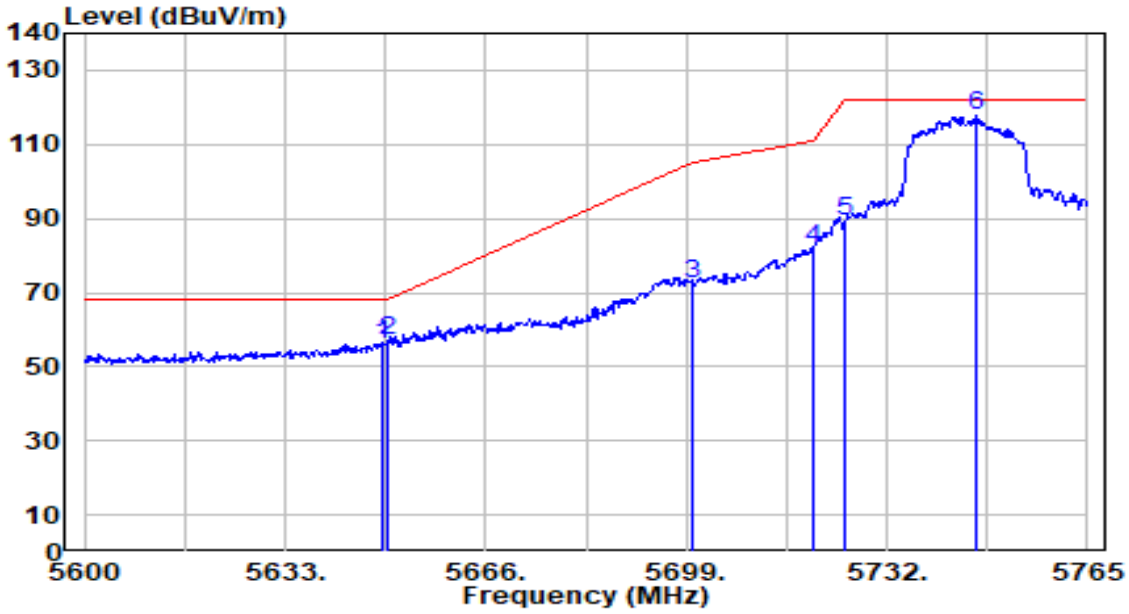


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.850	53.99	-0.08	53.91	-14.29	68.20	284	149	Peak
2		5650.000	52.55	-0.08	52.48	-15.72	68.20	284	149	Peak
3		5700.000	65.00	0.11	65.11	-40.09	105.20	284	149	Peak
4		5720.000	76.12	0.19	76.30	-34.50	110.80	284	149	Peak
5		5725.000	83.74	0.21	83.95	-38.25	122.20	284	149	Peak
6		5746.355	110.64	0.29	110.93	N/A	N/A	284	149	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

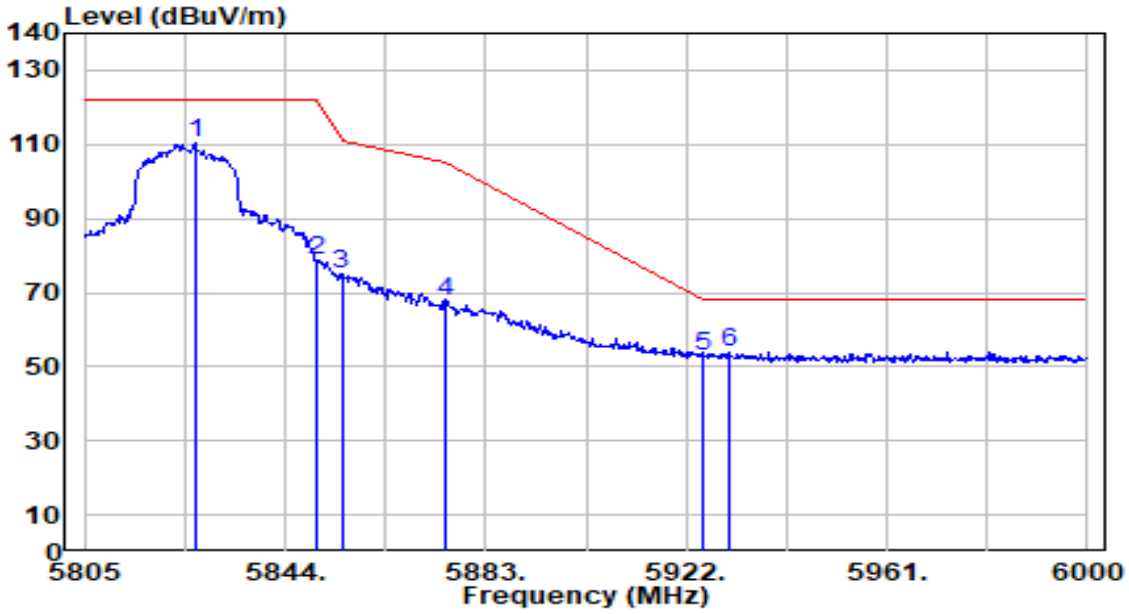


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5648.840	56.12	-0.08	56.04	-12.16	68.20	133	28	Peak
2	*	5650.000	57.36	-0.08	57.28	-10.92	68.20	133	28	Peak
3		5700.000	72.30	0.11	72.41	-32.79	105.20	133	28	Peak
4		5720.000	81.50	0.19	81.69	-29.11	110.80	133	28	Peak
5		5725.000	88.92	0.21	89.13	-33.07	122.20	133	28	Peak
6		5746.685	117.40	0.29	117.69	N/A	N/A	133	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

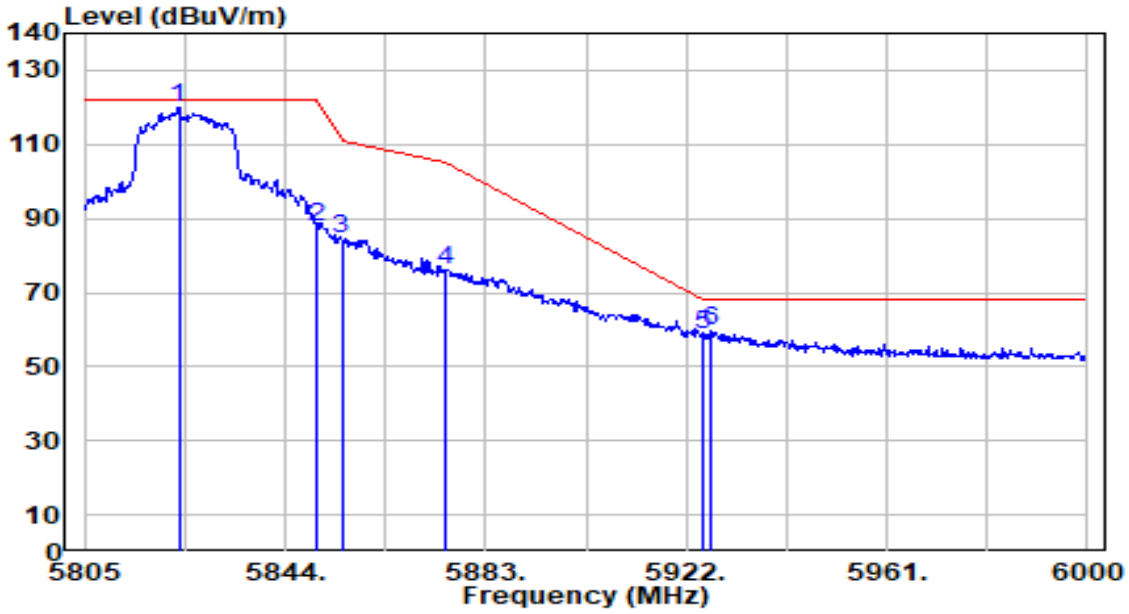


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.645	109.99	0.52	110.51	N/A	N/A	100	219	Peak
2		5850.000	78.09	0.55	78.64	-43.56	122.20	100	219	Peak
3		5855.000	74.30	0.56	74.86	-35.94	110.80	100	219	Peak
4		5875.000	67.30	0.58	67.88	-37.32	105.20	100	219	Peak
5		5925.000	52.42	0.65	53.06	-15.14	68.20	100	219	Peak
6	*	5930.580	53.16	0.65	53.82	-14.38	68.20	100	219	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

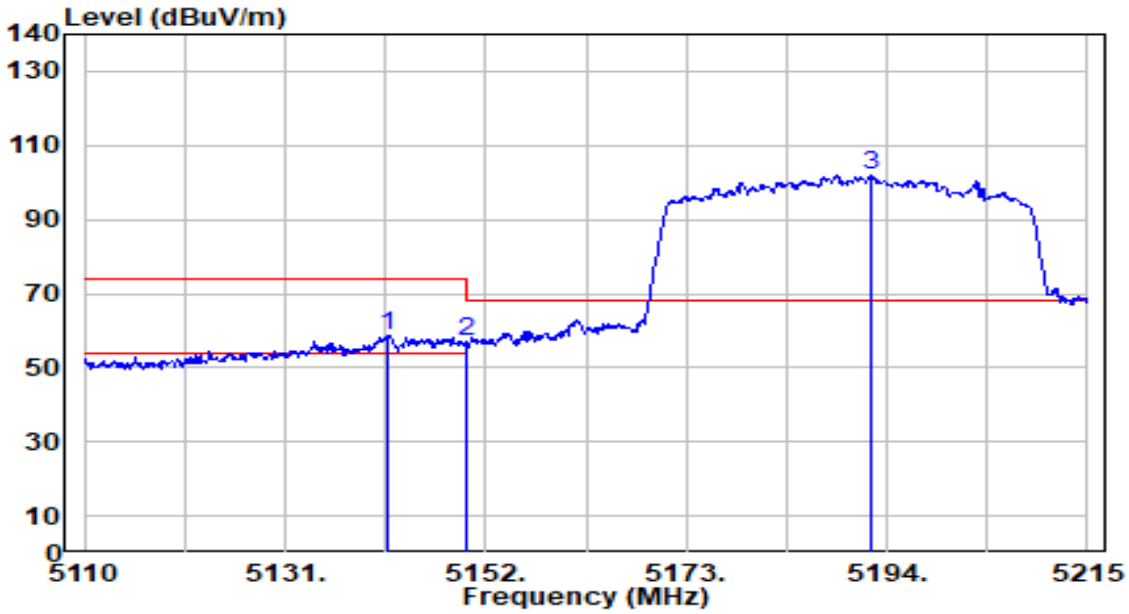


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.330	119.23	0.52	119.75	N/A	N/A	244	208	Peak
2		5850.000	86.98	0.55	87.53	-34.67	122.20	244	208	Peak
3		5855.000	83.86	0.56	84.42	-26.38	110.80	244	208	Peak
4		5875.000	75.29	0.58	75.87	-29.33	105.20	244	208	Peak
5		5925.000	57.85	0.65	58.50	-9.70	68.20	244	208	Peak
6	*	5926.875	59.13	0.65	59.78	-8.42	68.20	244	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

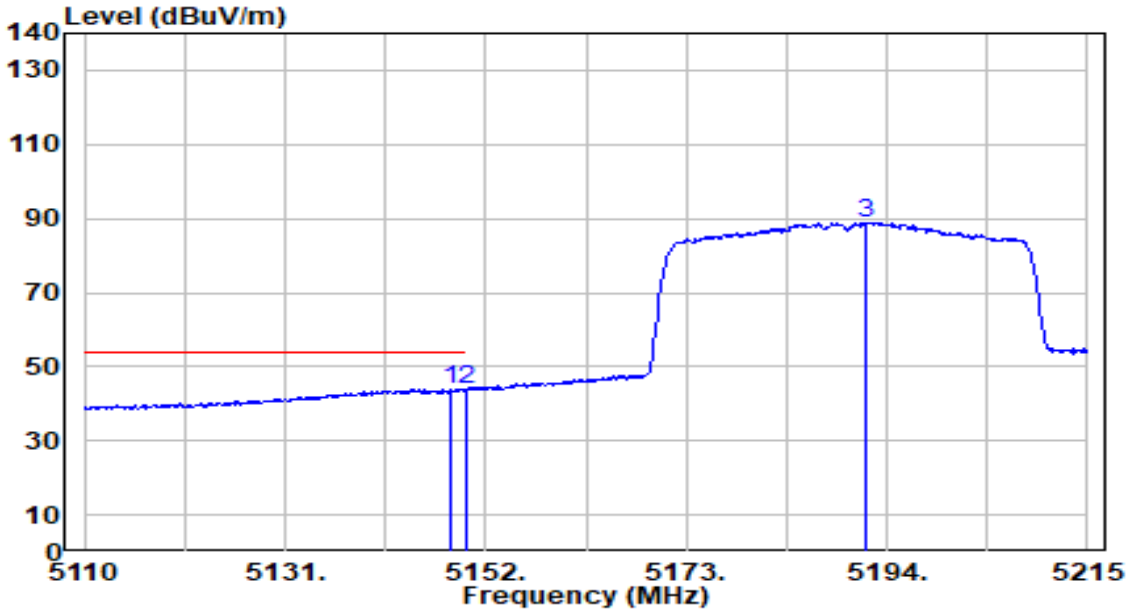


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.710	59.45	-0.73	58.71	-15.29	74.00	116	221	Peak
2		5150.000	57.88	-0.73	57.15	-16.85	74.00	116	221	Peak
3		5192.425	102.58	-0.69	101.90	N/A	N/A	116	221	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

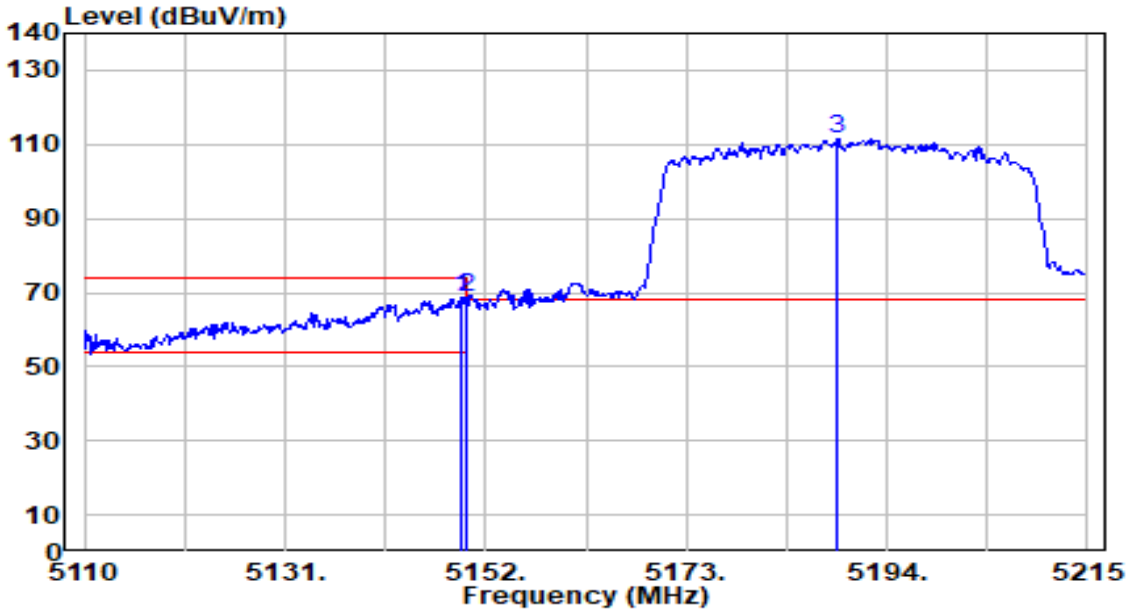


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.325	44.66	-0.73	43.94	-10.06	54.00	116	221	Average
2		5150.000	44.41	-0.73	43.68	-10.32	54.00	116	221	Average
3		5191.690	89.56	-0.69	88.87	N/A	N/A	116	221	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

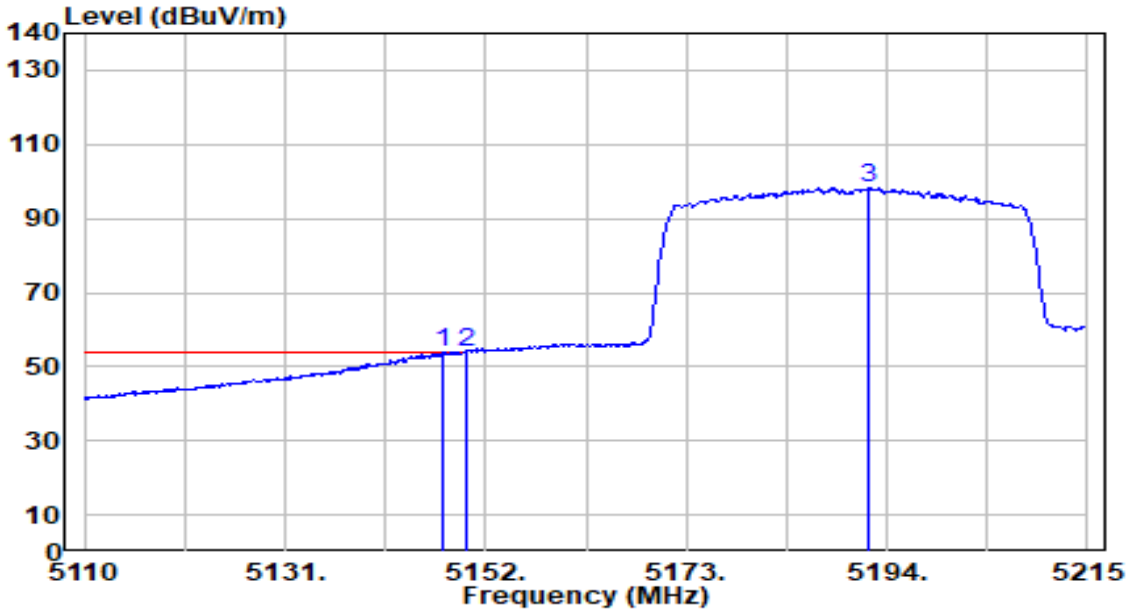


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.480	69.25	-0.73	68.52	-5.48	74.00	100	192	Peak
2	*	5150.000	69.29	-0.73	68.56	-5.44	74.00	100	192	Peak
3		5188.750	112.39	-0.69	111.71	N/A	N/A	100	192	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

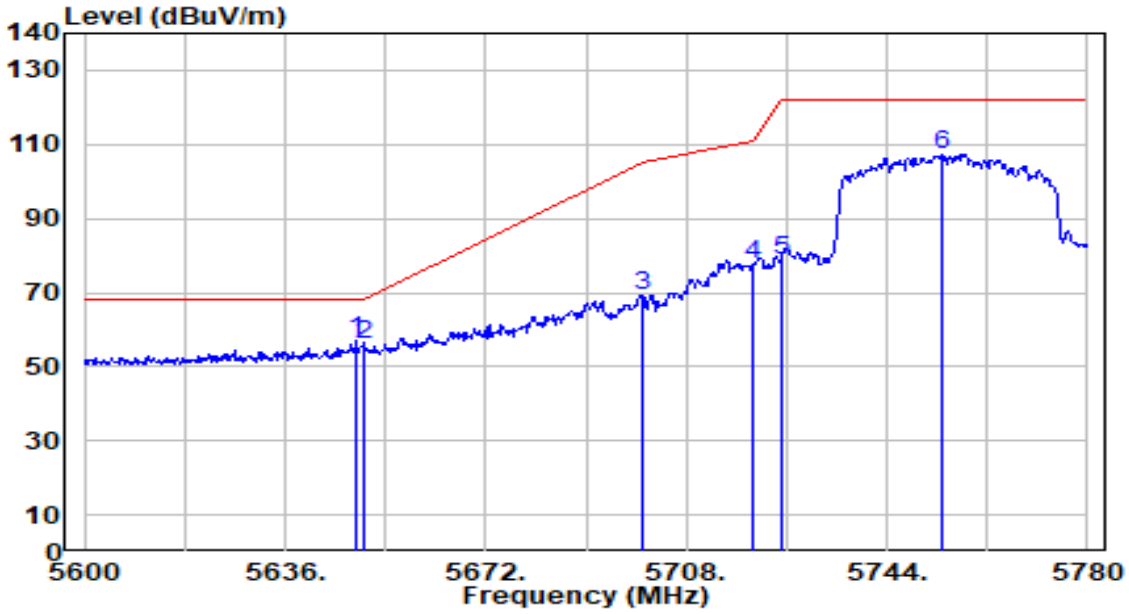


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.590	54.55	-0.73	53.83	-0.17	54.00	100	192	Average
2		5150.000	54.51	-0.73	53.78	-0.22	54.00	100	192	Average
3		5192.110	98.92	-0.69	98.23	N/A	N/A	100	192	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

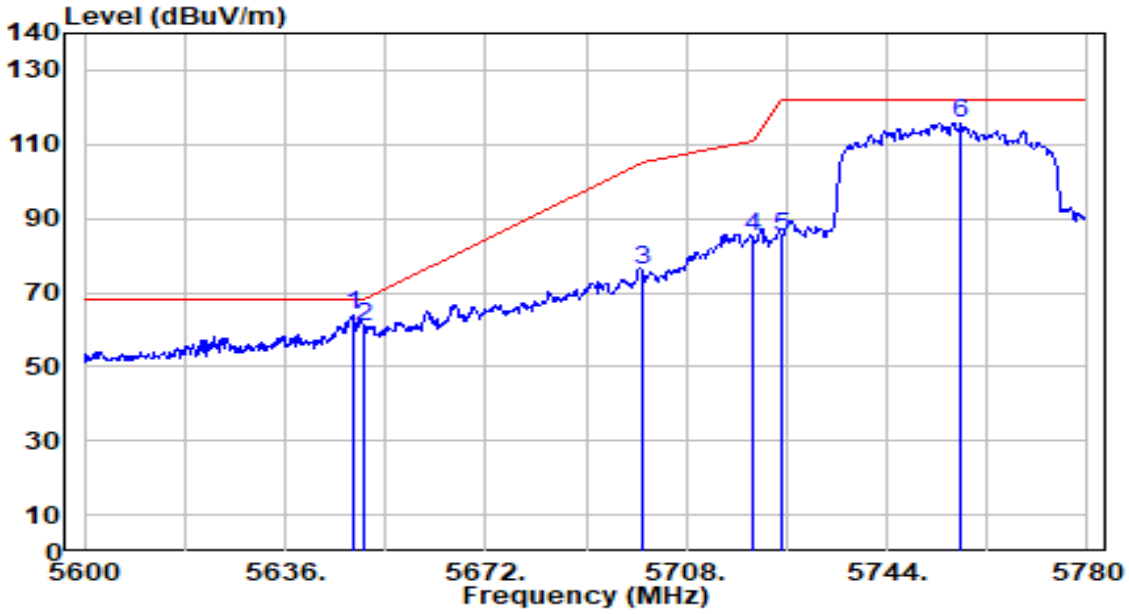


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.960	56.95	-0.08	56.87	-11.33	68.20	259	148	Peak
2		5650.000	56.09	-0.08	56.02	-12.18	68.20	259	148	Peak
3		5700.000	69.35	0.11	69.46	-35.74	105.20	259	148	Peak
4		5720.000	77.70	0.19	77.88	-32.92	110.80	259	148	Peak
5		5725.000	78.41	0.21	78.62	-43.58	122.20	259	148	Peak
6		5753.900	107.13	0.31	107.44	N/A	N/A	259	148	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

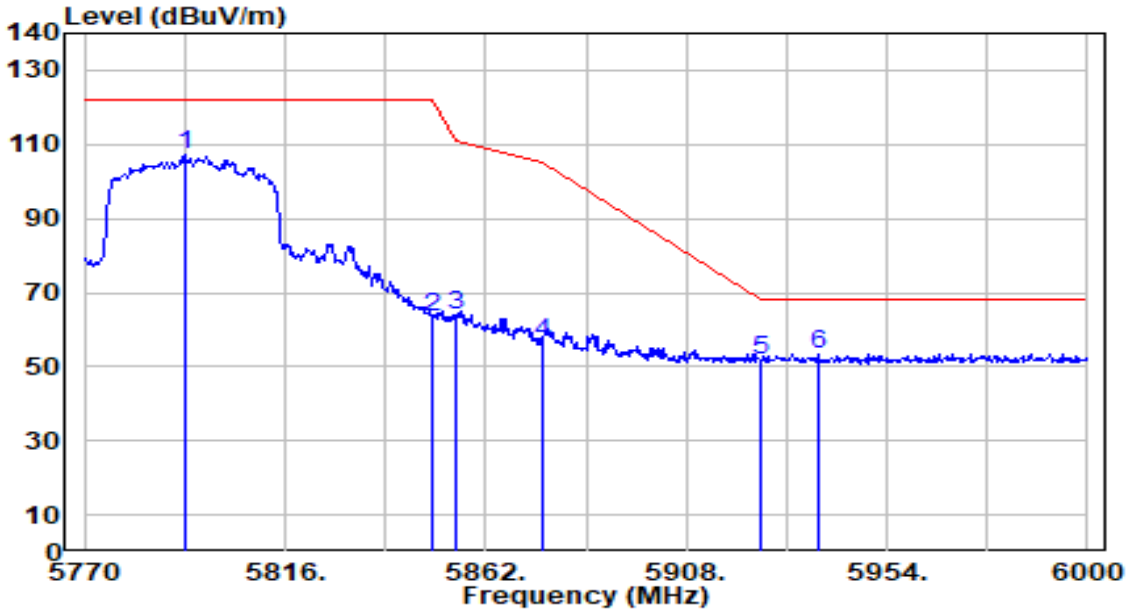


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.240	64.20	-0.08	64.12	-4.08	68.20	249	208	Peak
2		5650.000	60.95	-0.08	60.87	-7.33	68.20	249	208	Peak
3		5700.000	76.21	0.11	76.32	-28.88	105.20	249	208	Peak
4		5720.000	84.68	0.19	84.86	-25.94	110.80	249	208	Peak
5		5725.000	85.00	0.21	85.20	-37.00	122.20	249	208	Peak
6		5757.320	115.47	0.33	115.80	N/A	N/A	249	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) + 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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

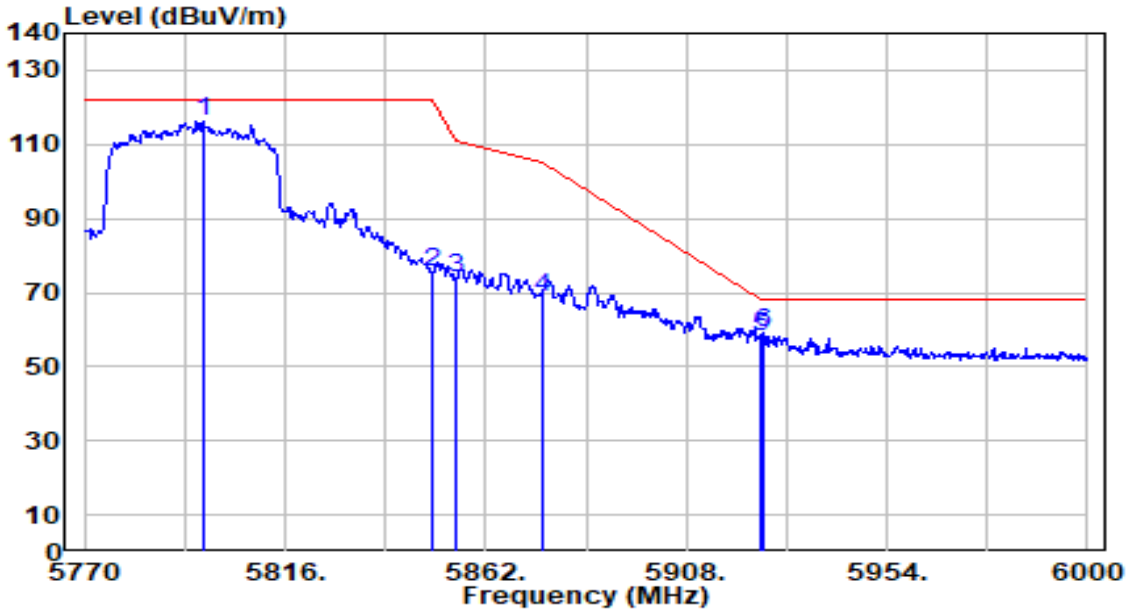


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5793.230	106.57	0.46	107.03	N/A	N/A	100	219	Peak
2		5850.000	62.99	0.55	63.54	-58.66	122.20	100	219	Peak
3		5855.000	63.12	0.56	63.68	-47.12	110.80	100	219	Peak
4		5875.000	56.10	0.58	56.69	-48.51	105.20	100	219	Peak
5		5925.000	51.26	0.65	51.91	-16.29	68.20	100	219	Peak
6	*	5938.360	52.90	0.66	53.57	-14.63	68.20	100	219	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

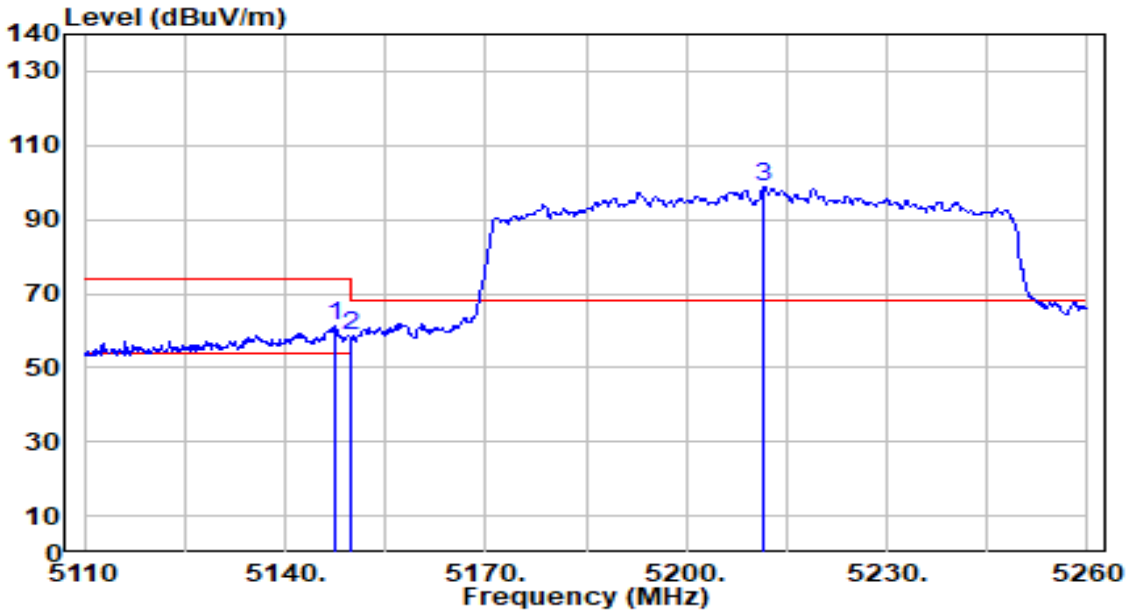


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5797.140	115.60	0.48	116.08	N/A	N/A	252	210	Peak
2		5850.000	75.13	0.55	75.68	-46.52	122.20	252	210	Peak
3		5855.000	73.49	0.56	74.04	-36.76	110.80	252	210	Peak
4		5875.000	68.33	0.58	68.91	-36.29	105.20	252	210	Peak
5		5925.000	57.32	0.65	57.96	-10.24	68.20	252	210	Peak
6	*	5925.940	58.75	0.65	59.40	-8.80	68.20	252	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

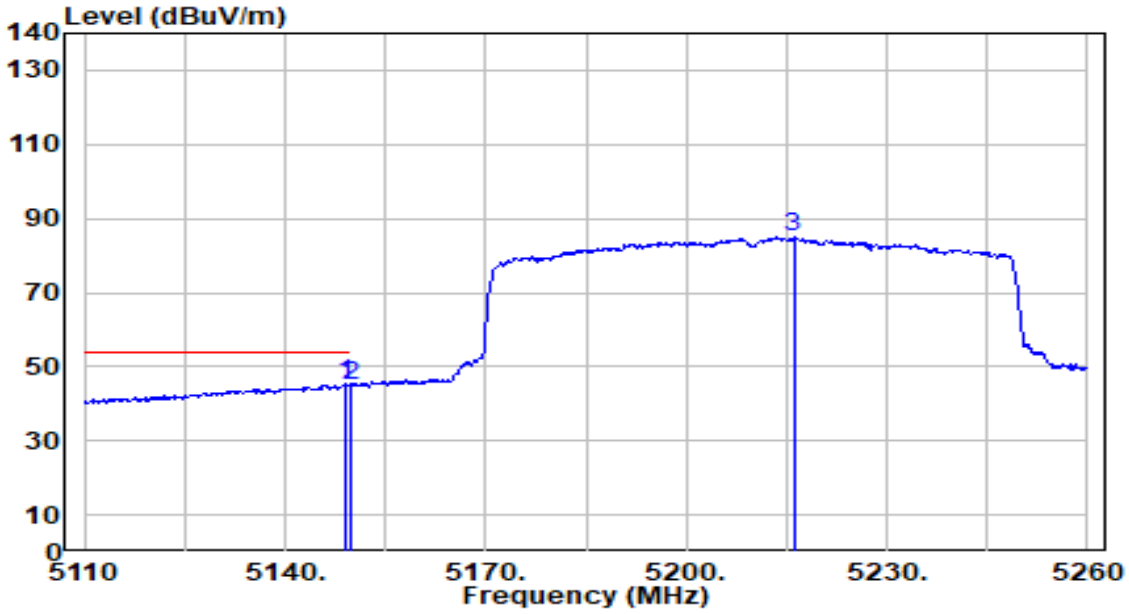


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.350	61.81	-0.73	61.08	-12.92	74.00	125	215	Peak
2		5150.000	59.27	-0.73	58.55	-15.45	74.00	125	215	Peak
3		5211.700	99.38	-0.70	98.68	N/A	N/A	125	215	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

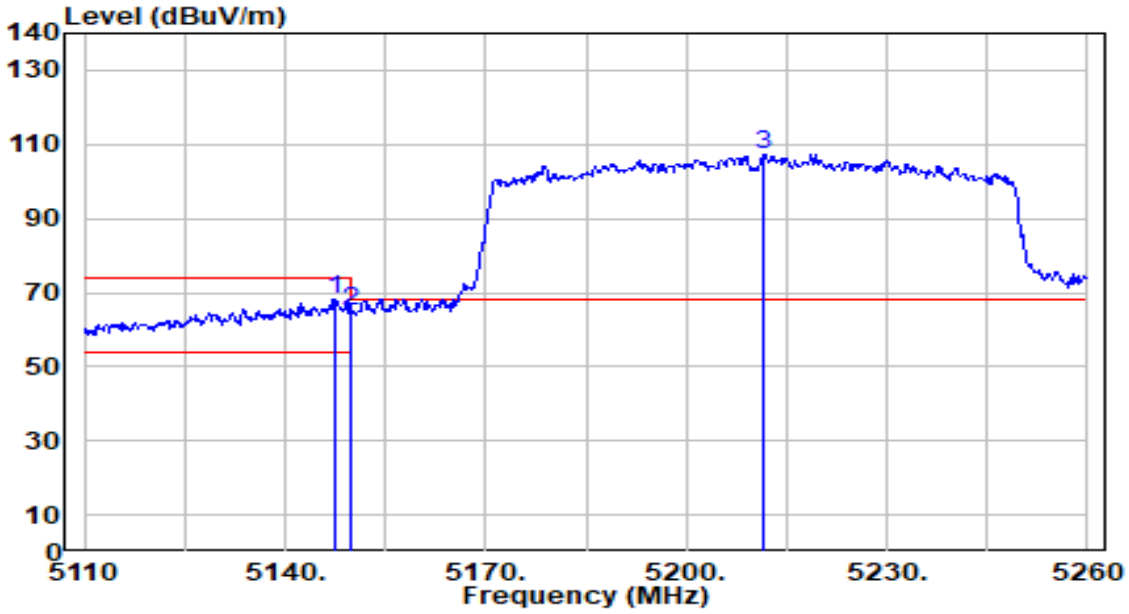


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	46.01	-0.73	45.28	-8.72	54.00	125	215	Average
2		5150.000	45.52	-0.73	44.79	-9.21	54.00	125	215	Average
3		5216.050	85.75	-0.71	85.04	N/A	N/A	125	215	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

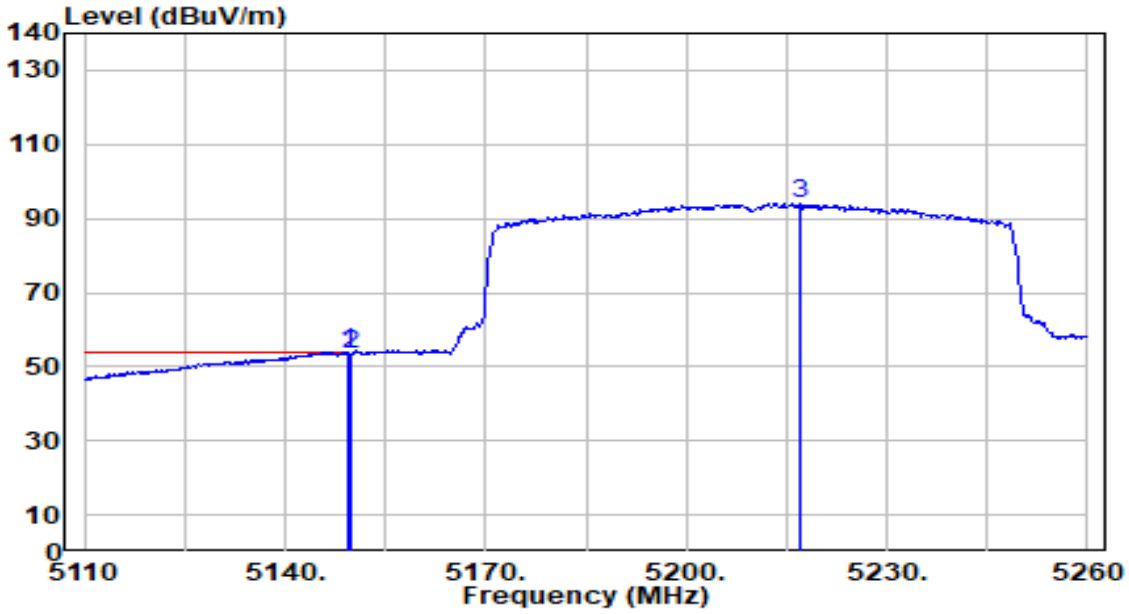


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.350	68.90	-0.73	68.18	-5.82	74.00	100	191	Peak
2		5150.000	65.92	-0.73	65.19	-8.81	74.00	100	191	Peak
3		5211.700	108.12	-0.70	107.41	N/A	N/A	100	191	Peak

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

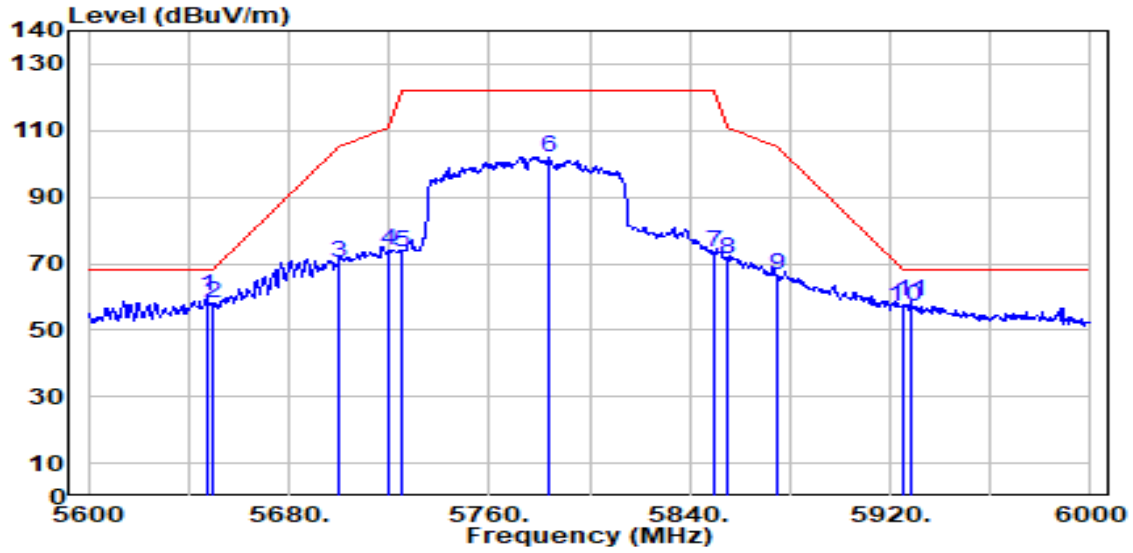


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.300	54.63	-0.73	53.90	-0.10	54.00	100	191	Average
2		5150.000	54.10	-0.73	53.38	-0.62	54.00	100	191	Average
3		5216.950	94.80	-0.71	94.09	N/A	N/A	100	191	Average

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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

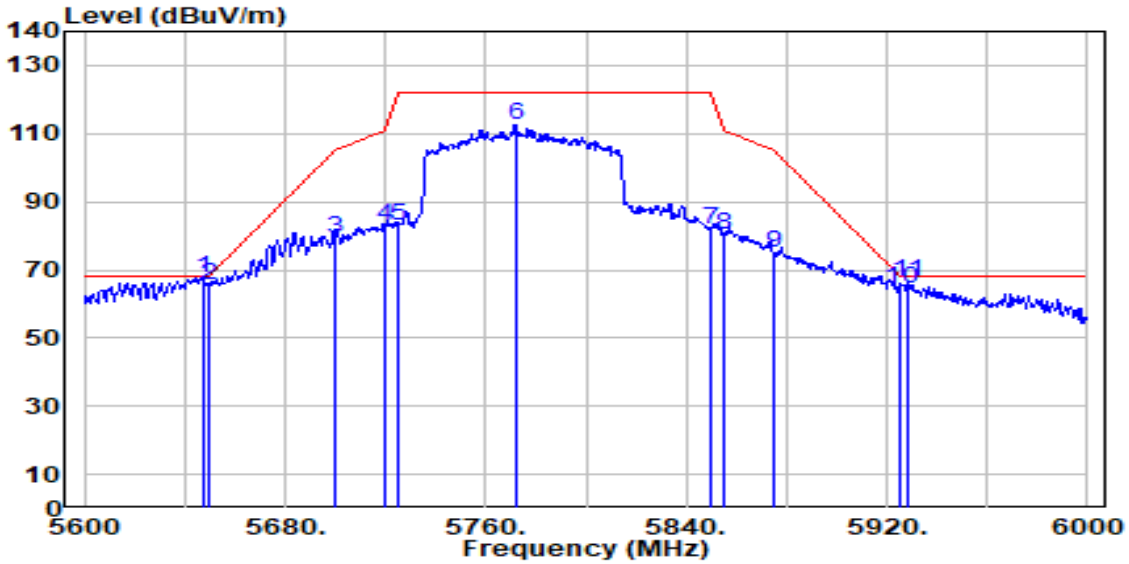


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.200	60.08	-0.09	60.00	-8.20	68.20	268	199	Peak
2		5650.000	58.03	-0.08	57.96	-10.24	68.20	268	199	Peak
3		5700.000	70.16	0.11	70.27	-34.93	105.20	268	199	Peak
4		5720.000	73.94	0.19	74.12	-36.68	110.80	268	199	Peak
5		5725.000	73.21	0.21	73.41	-48.79	122.20	268	199	Peak
6		5783.600	101.71	0.43	102.13	N/A	N/A	268	199	Peak
7		5850.000	72.85	0.55	73.40	-48.80	122.20	268	199	Peak
8		5855.000	70.83	0.56	71.38	-39.42	110.80	268	199	Peak
9		5875.000	65.73	0.58	66.31	-38.89	105.20	268	199	Peak
10		5925.000	56.43	0.65	57.07	-11.13	68.20	268	199	Peak
11		5928.400	58.05	0.65	58.70	-9.50	68.20	268	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	AX1500 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	DRH18-E	Temp. / Humidity	20°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.200	67.84	-0.09	67.75	-0.45	68.20	265	213	Peak
2		5650.000	65.70	-0.08	65.63	-2.57	68.20	265	213	Peak
3		5700.000	79.20	0.11	79.31	-25.89	105.20	265	213	Peak
4		5720.000	82.84	0.19	83.03	-27.77	110.80	265	213	Peak
5		5725.000	82.72	0.21	82.93	-39.27	122.20	265	213	Peak
6		5772.000	111.97	0.38	112.35	N/A	N/A	265	213	Peak
7		5850.000	81.13	0.55	81.68	-40.52	122.20	265	213	Peak
8		5855.000	79.60	0.56	80.15	-30.65	110.80	265	213	Peak
9		5875.000	74.32	0.58	74.90	-30.30	105.20	265	213	Peak
10		5925.000	63.69	0.65	64.34	-3.86	68.20	265	213	Peak
11		5928.000	65.68	0.65	66.33	-1.87	68.20	265	213	Peak

Note:

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

7.9. AC Conducted Emissions Measurement

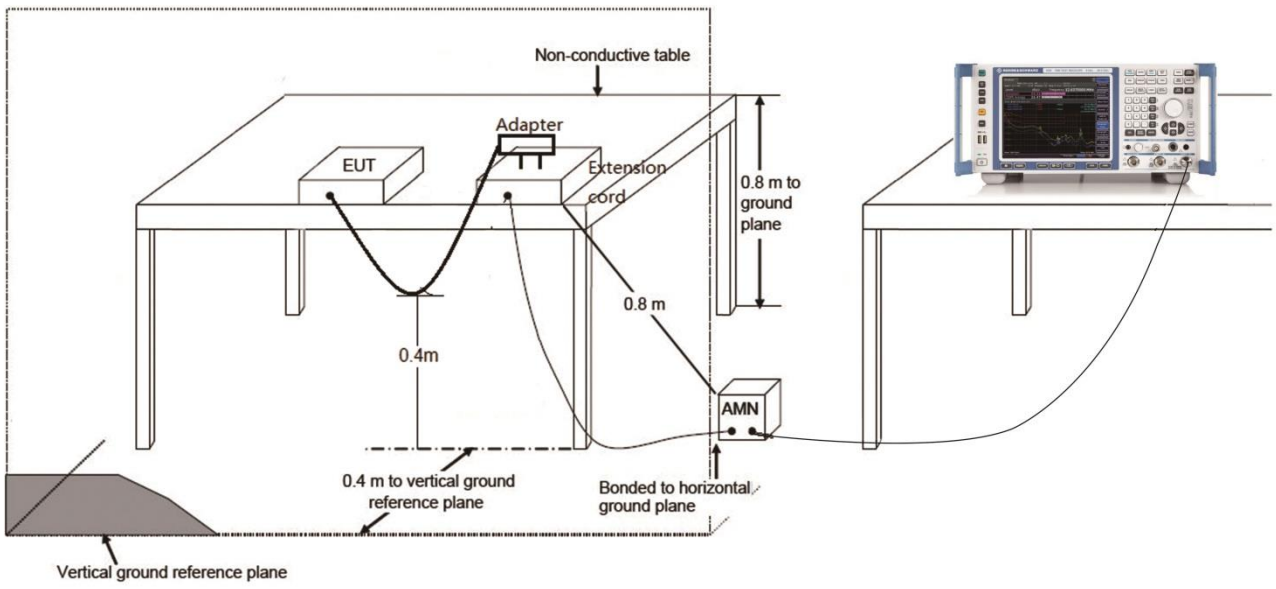
7.9.1.Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

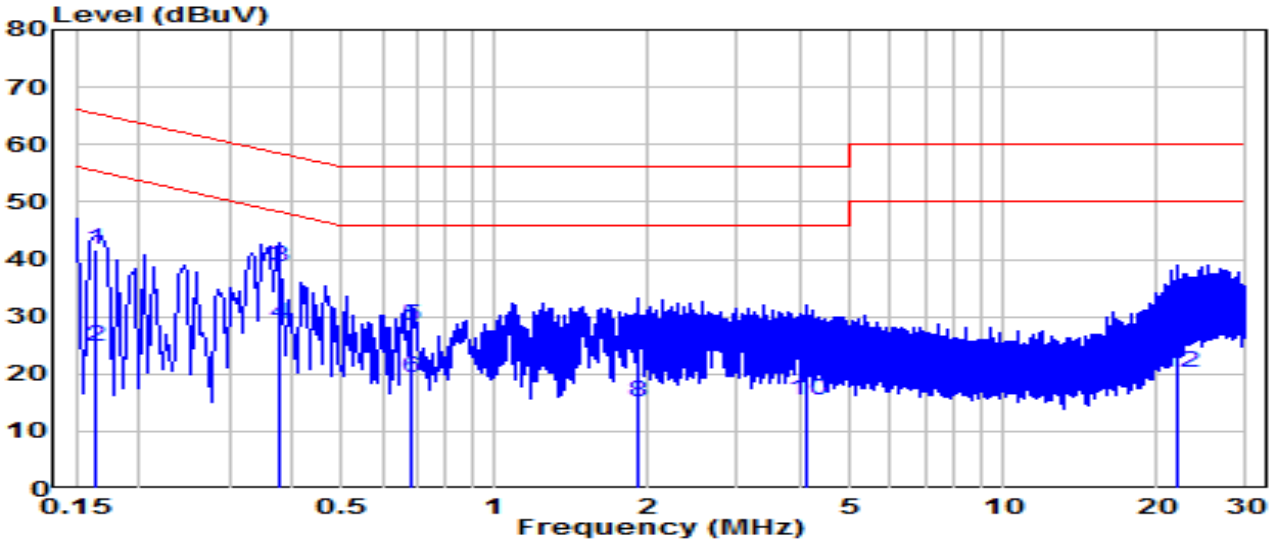
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.9.2.Test Setup



7.9.3.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	23.6°C /61%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.163	32.14	9.62	41.76	-23.52	65.28	QP
2		0.163	15.18	9.62	24.80	-30.48	55.28	Average
3	*	0.375	28.88	9.63	38.52	-19.87	58.39	QP
4	*	0.375	19.00	9.63	28.63	-19.76	48.39	Average
5		0.681	18.70	9.65	28.35	-27.65	56.00	QP
6		0.681	9.72	9.65	19.38	-26.62	46.00	Average
7		1.905	16.94	9.69	26.62	-29.38	56.00	QP
8		1.905	5.50	9.69	15.19	-30.81	46.00	Average
9		4.101	16.10	9.73	25.83	-30.17	56.00	QP
10		4.101	5.78	9.73	15.51	-30.49	46.00	Average
11		21.986	21.14	9.92	31.06	-28.94	60.00	QP
12		21.986	10.40	9.92	20.33	-29.67	50.00	Average

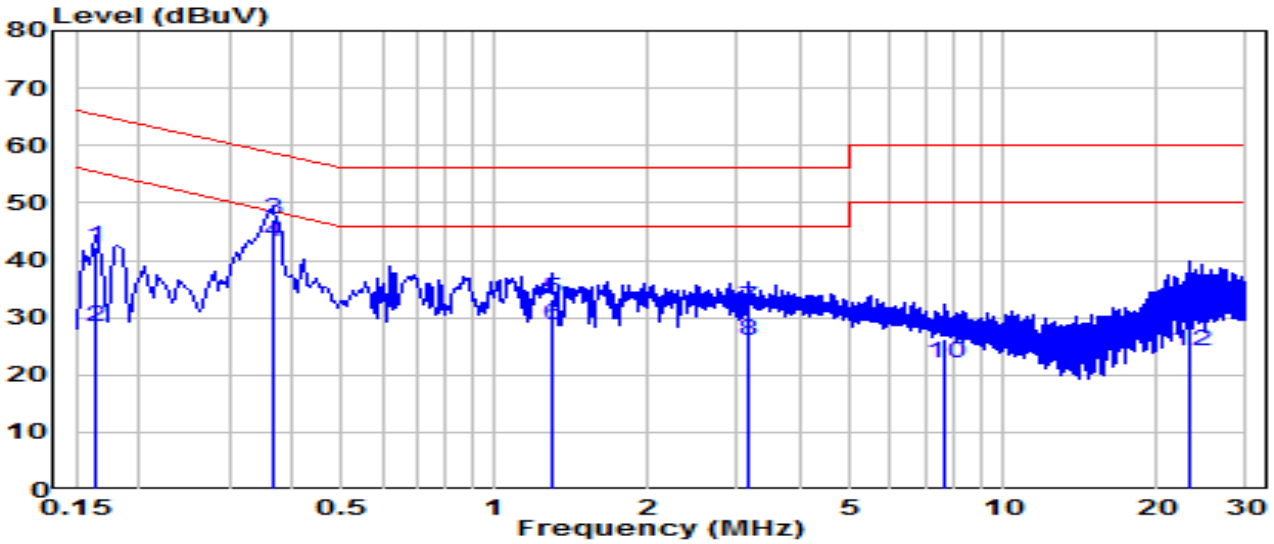
Note:

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	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	23.6°C /61%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.163	32.57	9.62	42.19	-23.09	65.28	QP
2		0.163	18.83	9.62	28.45	-26.83	55.28	Average
3	*	0.366	37.36	9.63	46.99	-11.60	58.59	QP
4	*	0.366	33.40	9.63	43.03	-5.56	48.59	Average
5		1.288	23.57	9.68	33.25	-22.75	56.00	QP
6		1.288	19.13	9.68	28.80	-17.20	46.00	Average
7		3.160	21.87	9.71	31.58	-24.42	56.00	QP
8		3.160	16.36	9.71	26.07	-19.93	46.00	Average
9		7.633	16.41	9.81	26.22	-33.78	60.00	QP
10		7.633	12.20	9.81	22.01	-27.99	50.00	Average
11		23.368	21.36	10.01	31.37	-28.63	60.00	QP
12		23.368	14.01	10.01	24.02	-25.98	50.00	Average

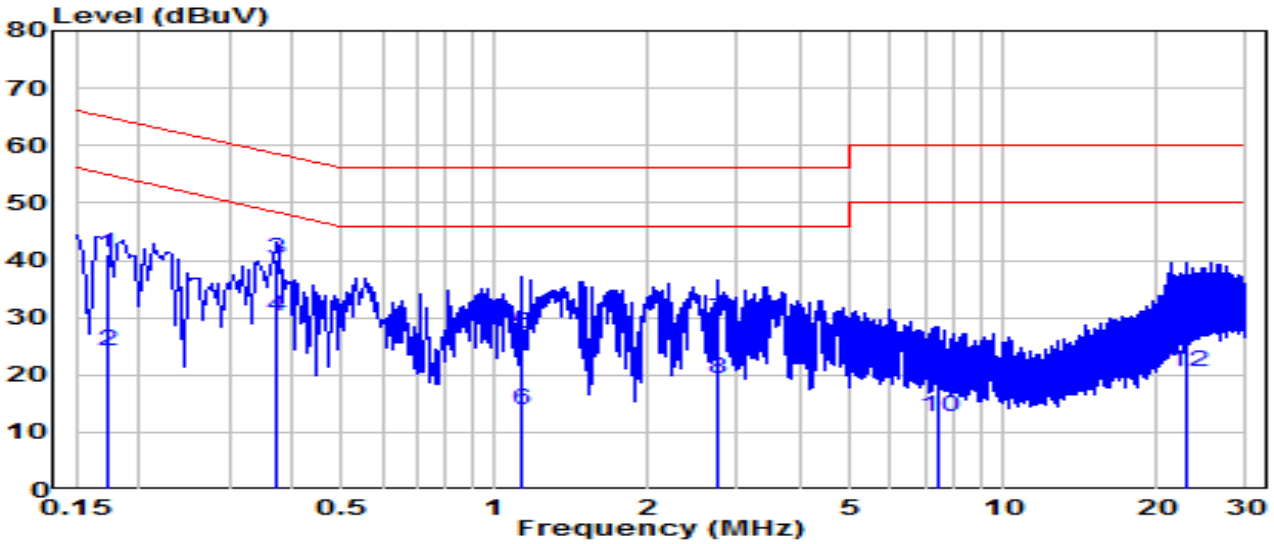
Note:

1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	23.6°C /61%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.172	31.50	9.62	41.12	-23.72	64.84	QP
2		0.172	14.49	9.62	24.11	-30.73	54.84	Average
3	*	0.370	30.40	9.63	40.04	-18.46	58.49	QP
4	*	0.370	20.59	9.63	30.23	-18.26	48.49	Average
5		1.126	17.55	9.67	27.22	-28.78	56.00	QP
6		1.126	4.17	9.67	13.85	-32.15	46.00	Average
7		2.737	19.92	9.70	29.62	-26.38	56.00	QP
8		2.737	9.73	9.70	19.44	-26.56	46.00	Average
9		7.475	11.11	9.80	20.91	-39.09	60.00	QP
10		7.475	2.81	9.80	12.61	-37.39	50.00	Average
11		22.981	20.96	9.92	30.88	-29.12	60.00	QP
12		22.981	10.65	9.92	20.57	-29.43	50.00	Average

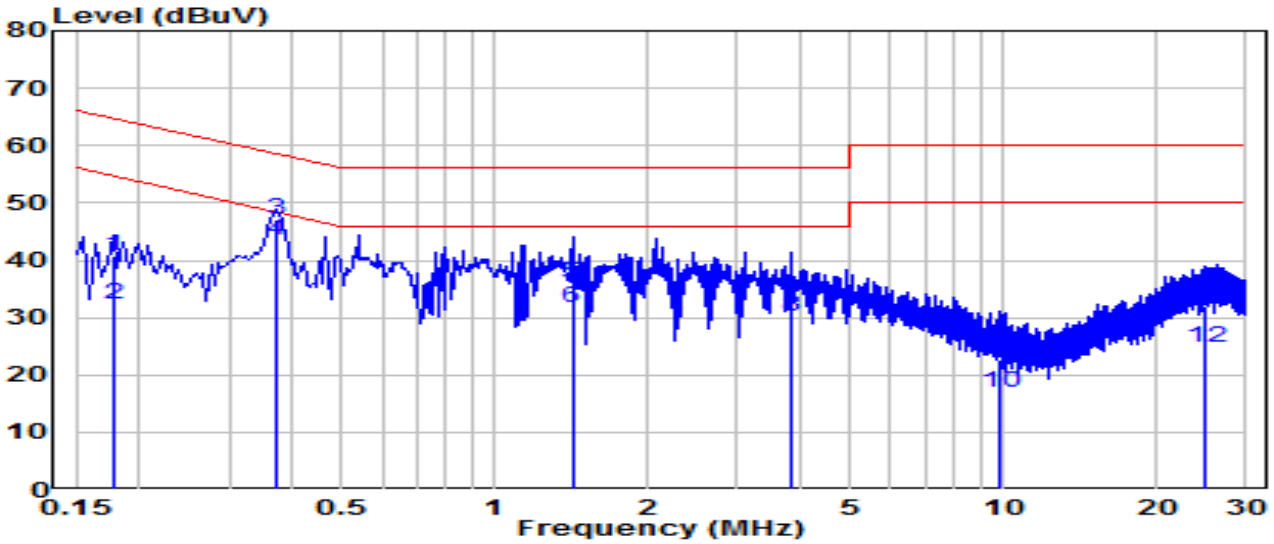
Note:

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	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2023-04-24
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	23.6°C /61%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.177	31.10	9.62	40.72	-23.90	64.63	QP
2		0.177	22.83	9.62	32.45	-22.18	54.63	Average
3	*	0.370	37.50	9.63	47.13	-11.36	58.49	QP
4	*	0.370	33.73	9.63	43.36	-5.13	48.49	Average
5		1.419	26.22	9.68	35.90	-20.10	56.00	QP
6		1.419	21.93	9.68	31.61	-14.39	46.00	Average
7		3.826	21.95	9.73	31.68	-24.32	56.00	QP
8		3.826	20.35	9.73	30.08	-15.92	46.00	Average
9		9.838	12.89	9.87	22.75	-37.25	60.00	QP
10		9.838	7.00	9.87	16.87	-33.13	50.00	Average
11		24.844	22.04	10.01	32.05	-27.95	60.00	QP
12		24.844	14.76	10.01	24.78	-25.22	50.00	Average

Note:

1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

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

Appendix A : Test Setup Photograph

Refer to “2304TW0107-UT” file.

Appendix B : EUT Photograph

Refer to “2304TW0107-UE” file.

Appendix C : Internal Photograph

Refer to “2304TW0107-UI” file.

The End