802.11g Out-of-Band Emissions - Ant 0	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
Channel 06 (2437MHz)	
Spurious Emission	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission

802.11n-HT20 Out-of-Band Emissions - Ant 0

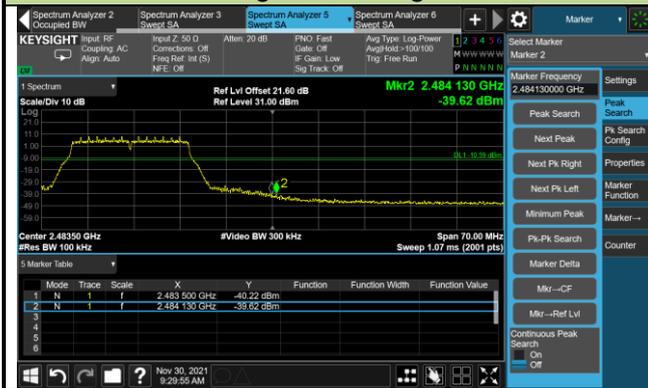### Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11n-HT40 Out-of-Band Emissions - Ant 0

Channel 03 (2422MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 09 (2452MHz)

High Band Edge	Spurious Emission

802.11ax-HE20 Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11ax-HE40 Out-of-Band Emissions - Ant 0

Channel 03 (2422MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 09 (2452MHz)

High Band Edge	Spurious Emission

802.11b Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11g Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11n-HT20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11n-HT40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 09 (2452MHz)

High Band Edge	Spurious Emission

802.11ax-HE20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 11 (2462MHz)

High Band Edge	Spurious Emission

802.11ax-HE40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

Low Band Edge	Spurious Emission

Channel 06 (2437MHz)

Spurious Emission	

Channel 09 (2452MHz)

High Band Edge	Spurious Emission

7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title

47CFR must not exceed the limits shown in Table per Section 15.209.

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

7.6.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.6.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 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
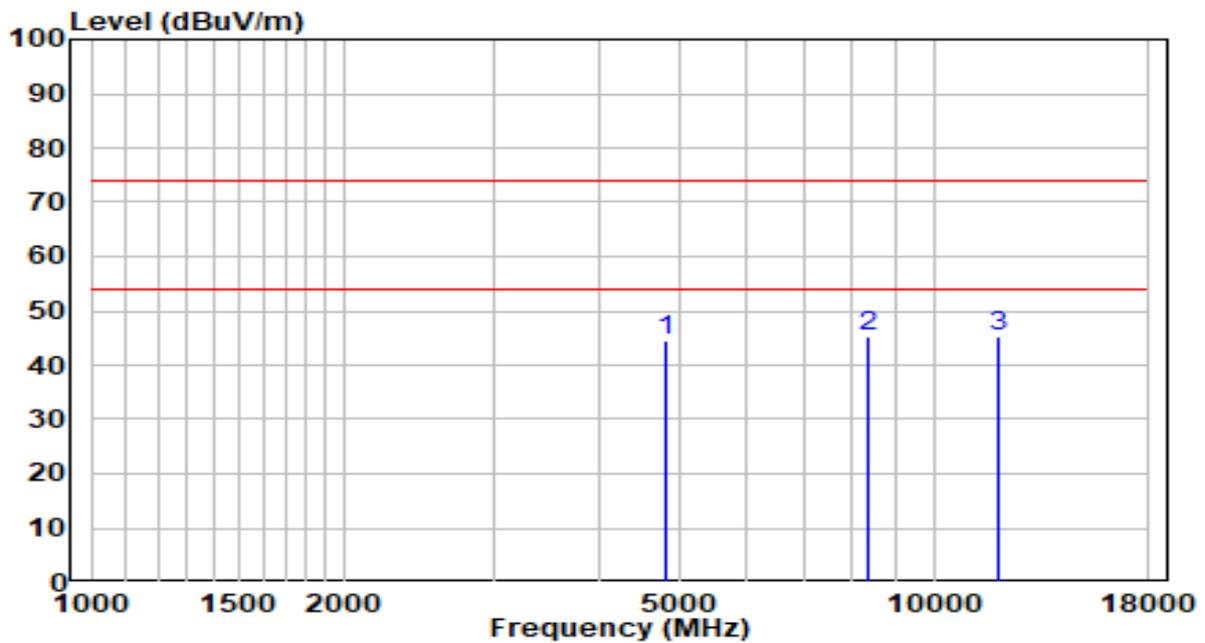
7.6.4.Test Setup

Below 1GHz Test Setup:
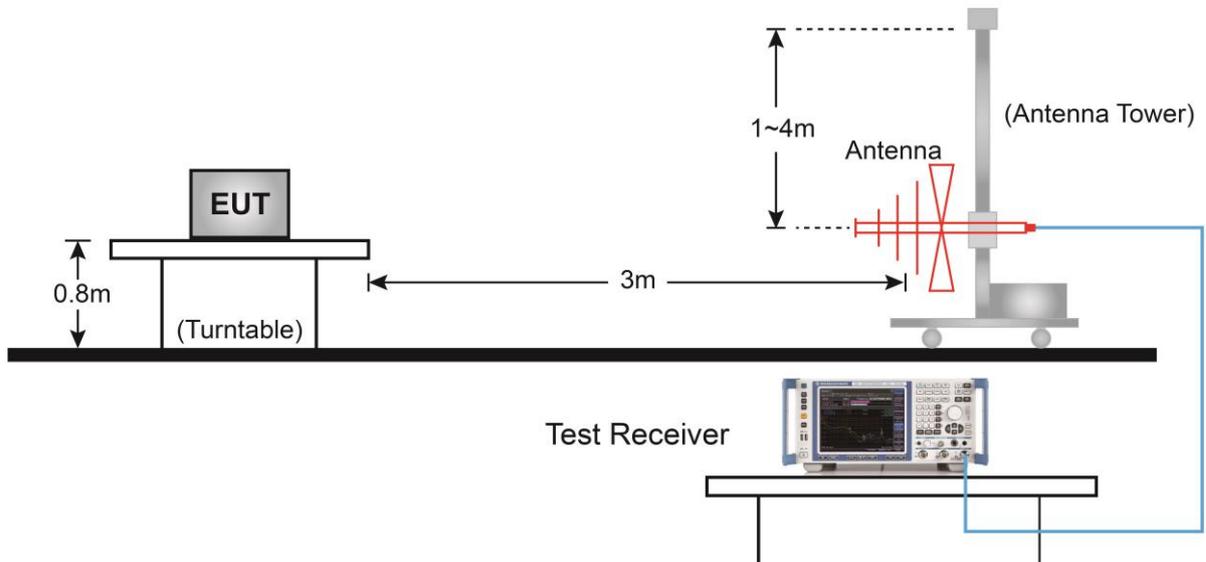
Above 1GHz Test Setup:

7.6.5.Test Result

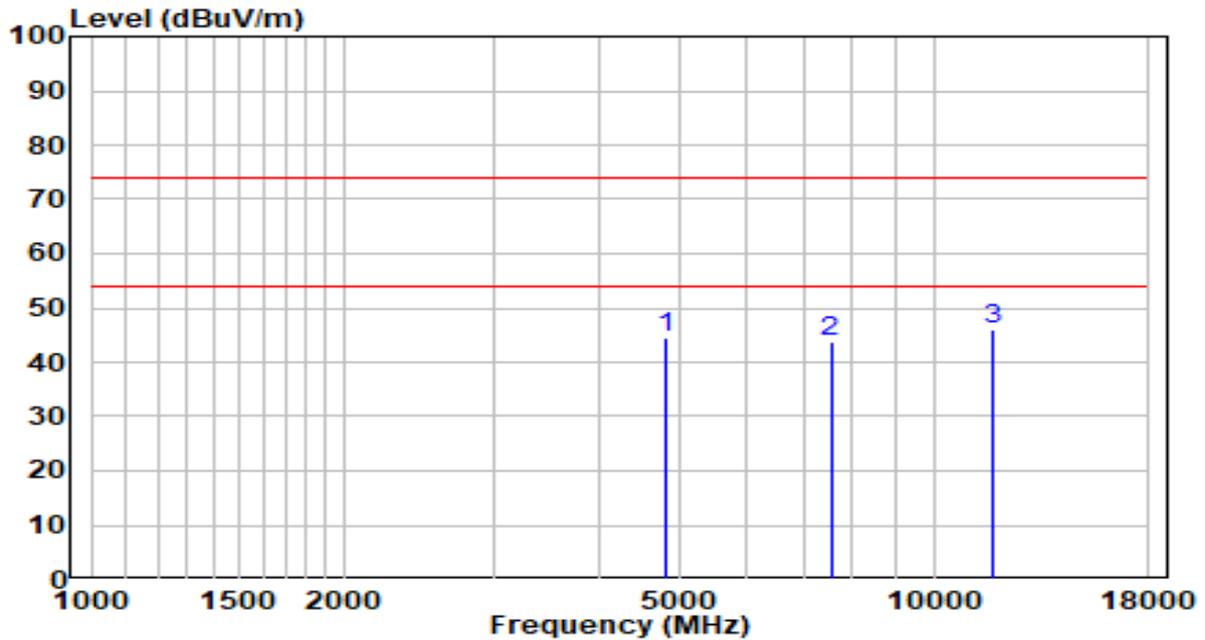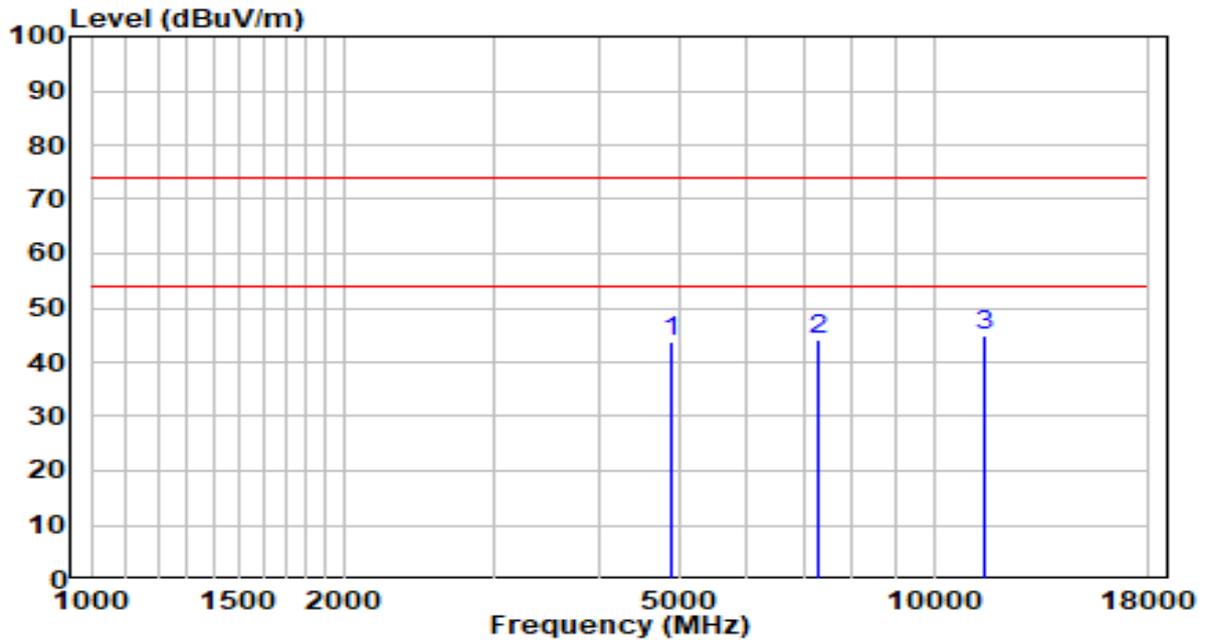| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4825.000	40.87	3.64	44.51	-29.49	74.00	Peak
2		8386.500	31.65	13.60	45.25	-28.75	74.00	Peak
3	*	11922.500	26.25	19.10	45.35	-28.65	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4825.000	41.06	3.64	44.69	-29.31	74.00	Peak
2		7545.000	30.87	13.05	43.92	-30.08	74.00	Peak
3	*	11778.000	26.67	19.42	46.09	-27.91	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

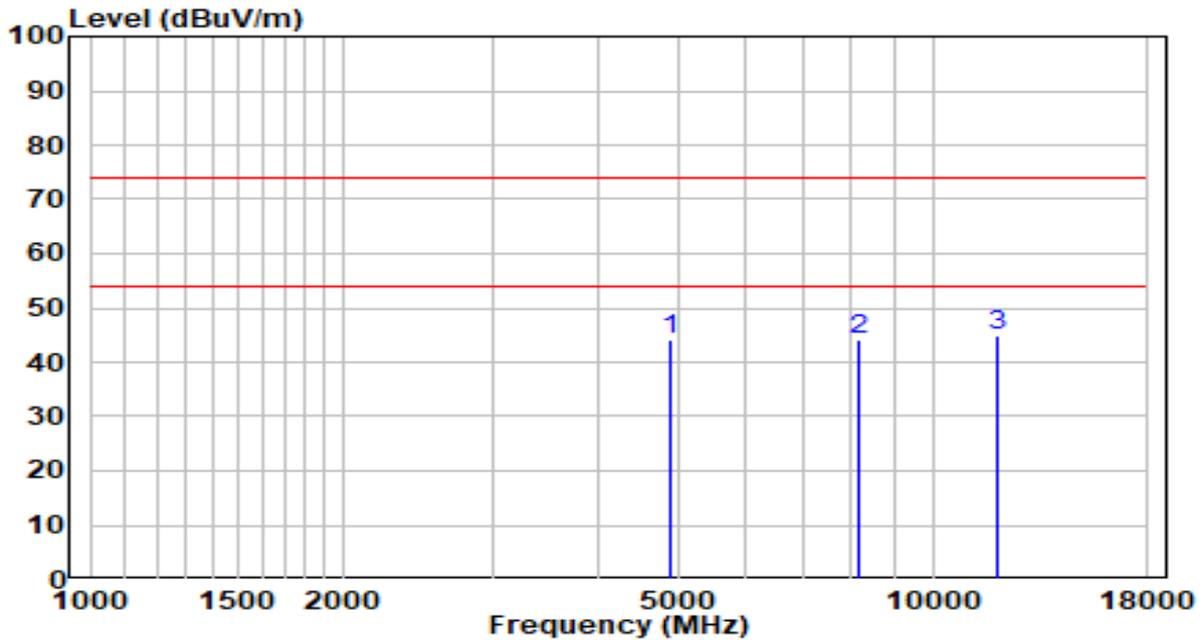| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4876.000	40.06	3.73	43.79	-30.21	74.00	Peak
2		7315.500	32.00	12.20	44.20	-29.80	74.00	Peak
3	*	11489.000	24.73	20.03	44.76	-29.24	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

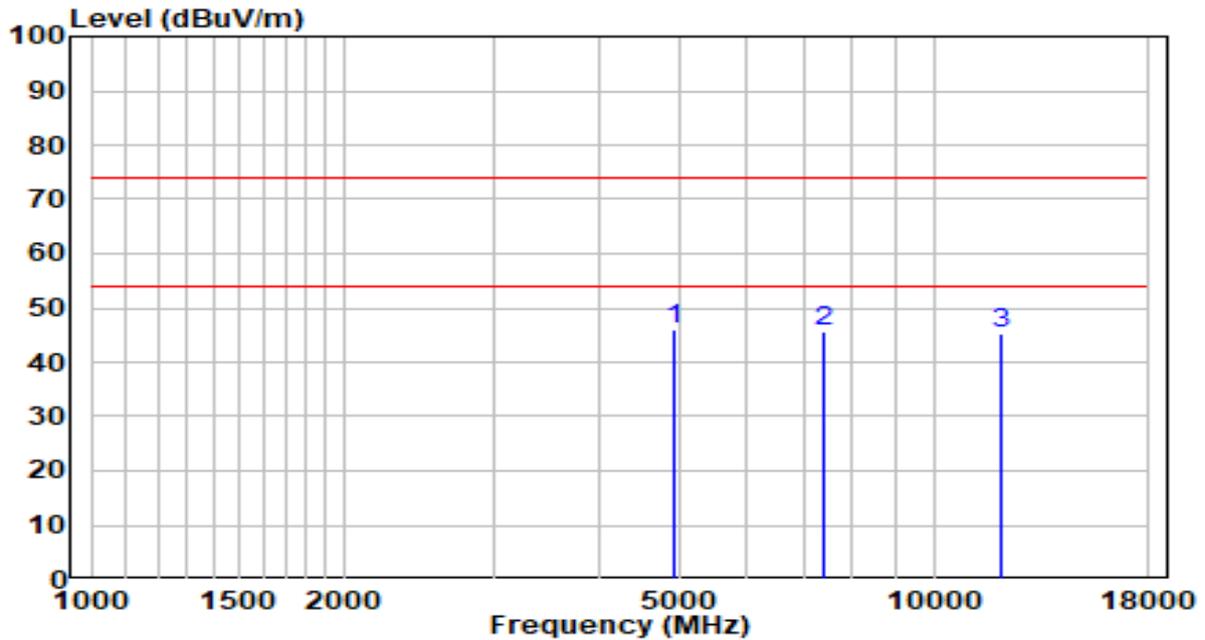| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4876.000	40.32	3.73	44.05	-29.95	74.00	Peak
2		8148.500	30.78	13.50	44.28	-29.72	74.00	Peak
3	*	11914.000	25.61	19.11	44.72	-29.28	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

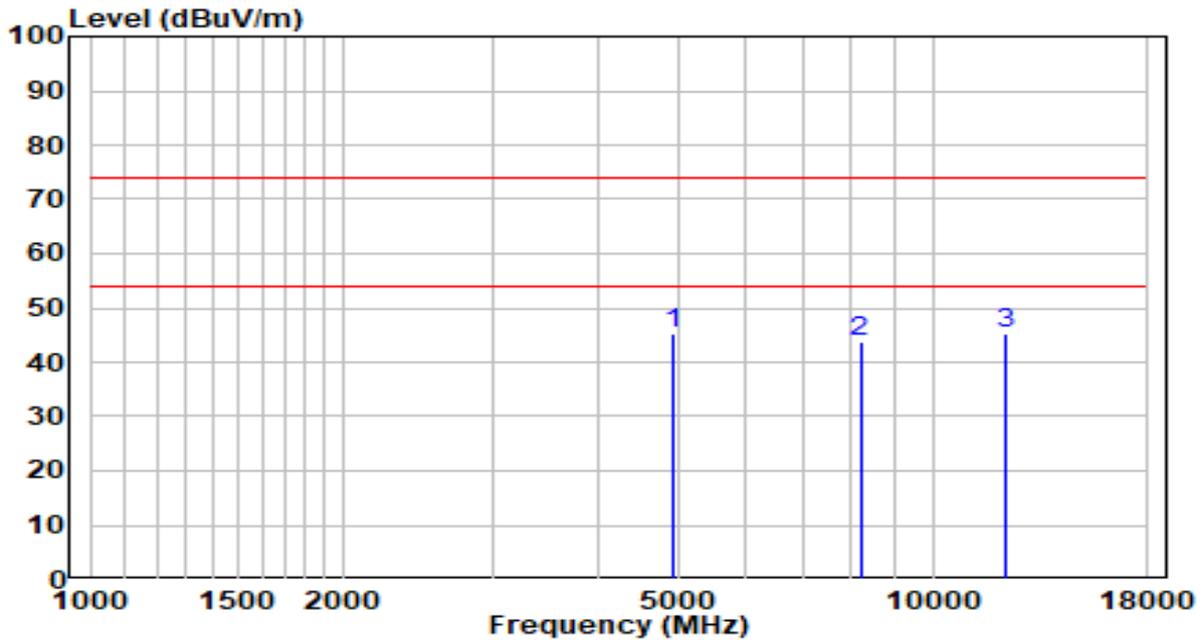| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	4927.000	42.03	3.82	45.85	-28.15	74.00	Peak
2		7383.500	33.23	12.50	45.73	-28.27	74.00	Peak
3		11982.000	26.38	18.96	45.34	-28.66	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

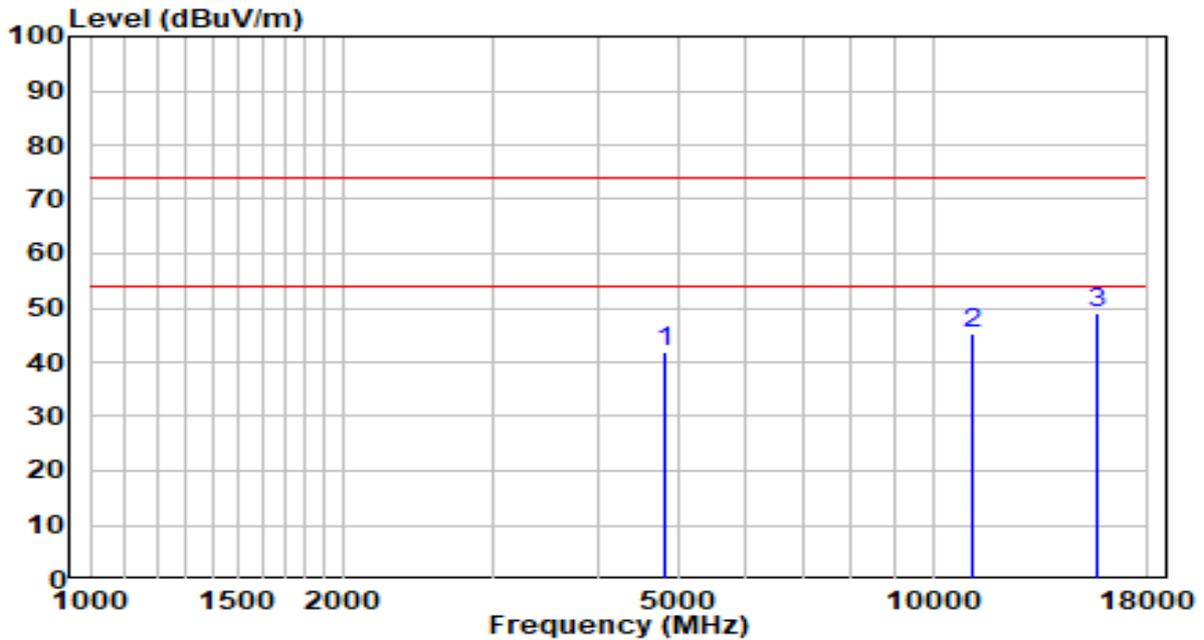| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	4927.000	41.51	3.82	45.33	-28.67	74.00	Peak
2		8199.500	30.17	13.52	43.69	-30.31	74.00	Peak
3		12169.000	26.39	18.75	45.13	-28.87	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

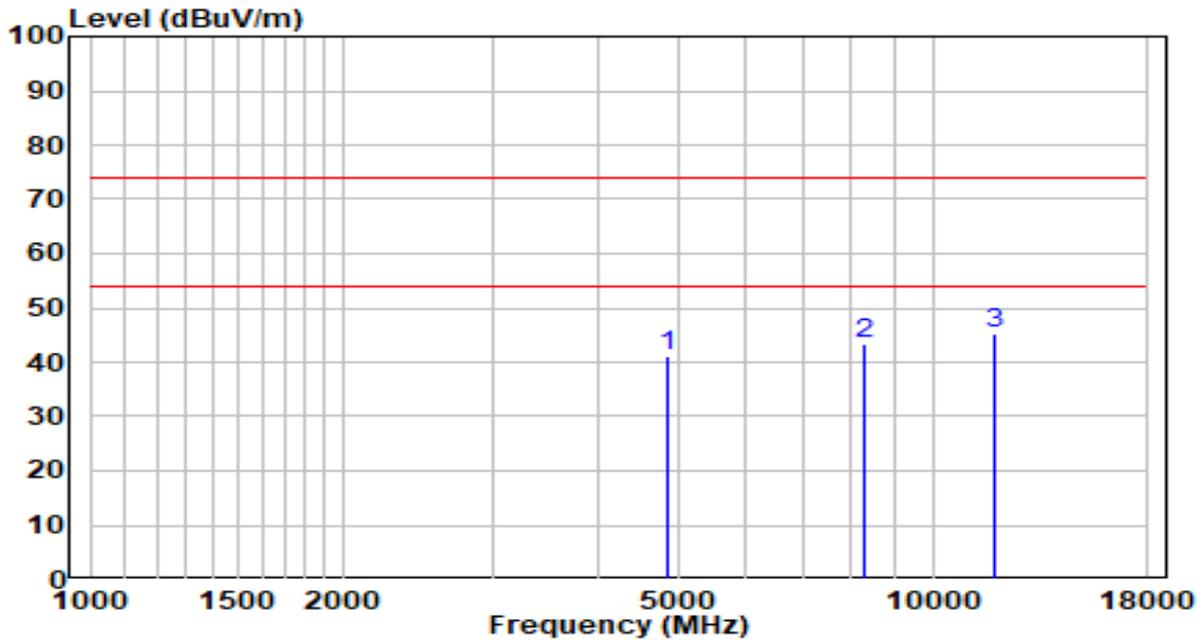| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4825.000	38.27	3.64	41.90	-32.10	74.00	Peak
2		11123.500	25.70	19.47	45.17	-28.83	74.00	Peak
3	*	15645.500	27.93	20.99	48.92	-25.08	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

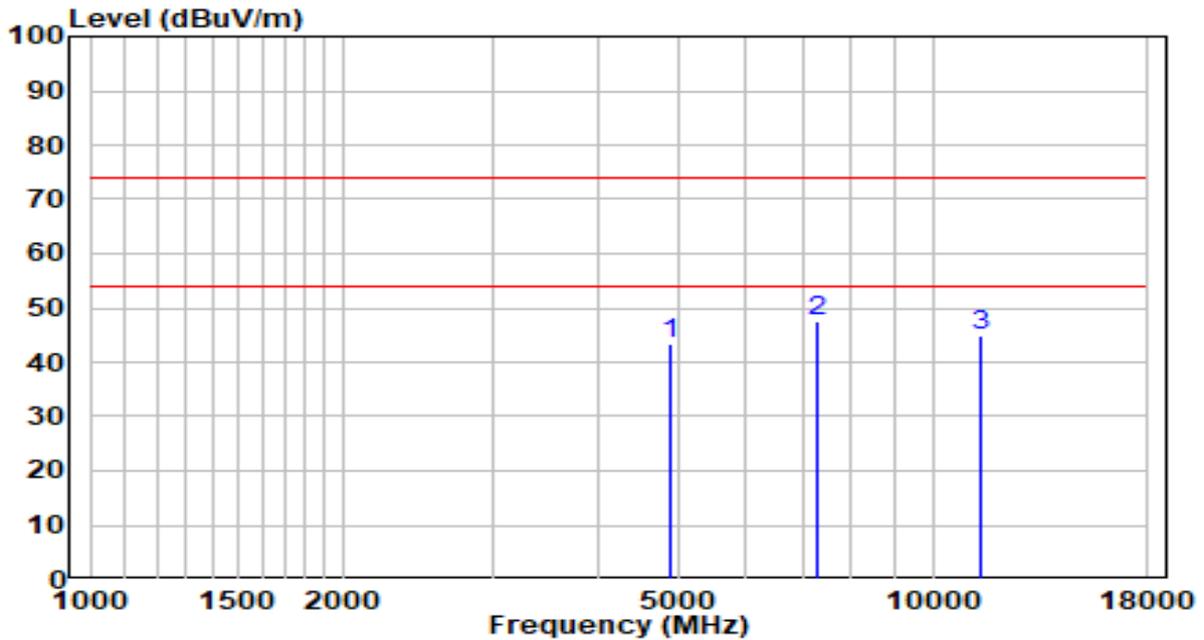| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4833.500	37.66	3.65	41.31	-32.69	74.00	Peak
2		8318.500	29.95	13.57	43.53	-30.47	74.00	Peak
3	*	11880.000	26.05	19.19	45.24	-28.76	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

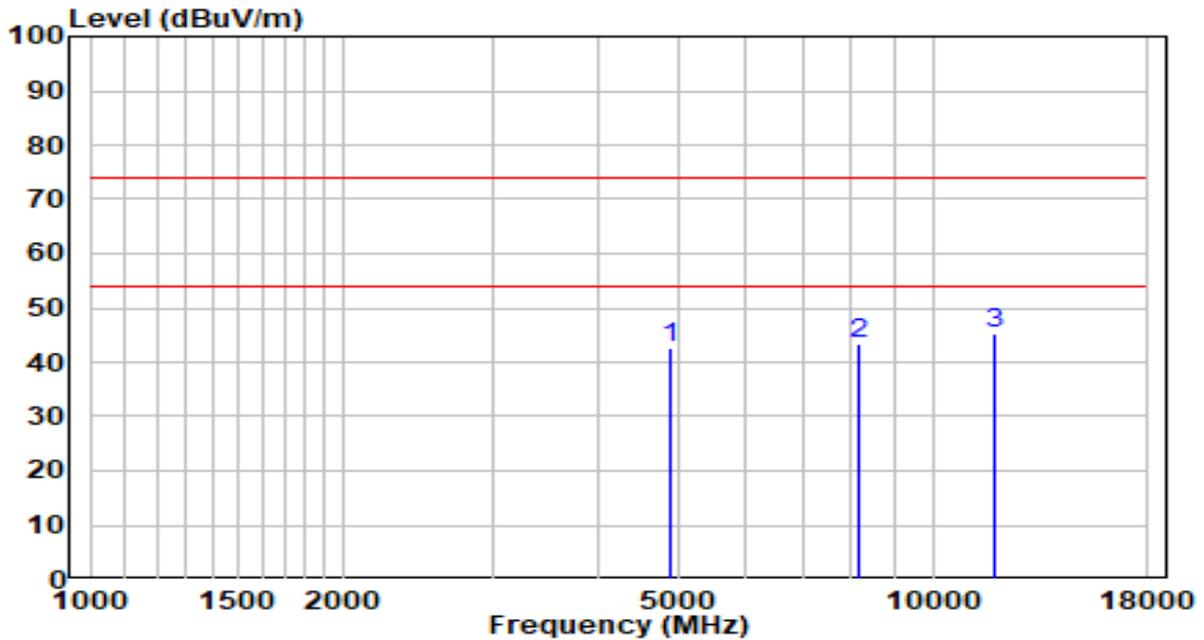| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4876.000	39.76	3.73	43.48	-30.52	74.00	Peak
2	*	7315.500	35.50	12.20	47.69	-26.31	74.00	Peak
3		11387.000	25.04	19.88	44.92	-29.08	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

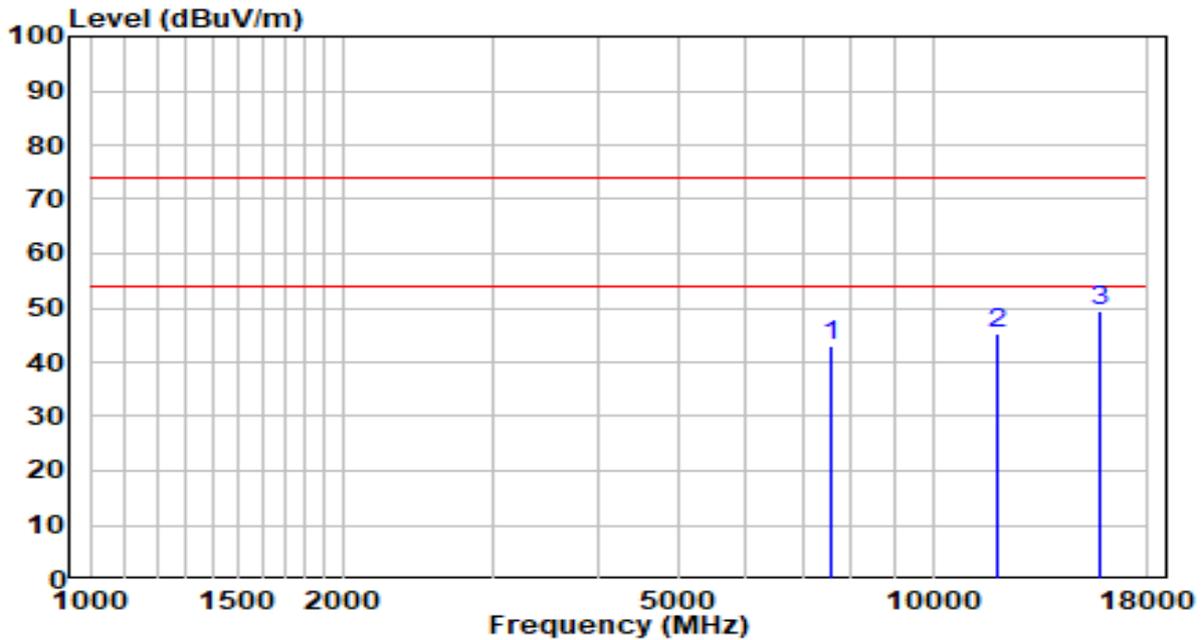| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4876.000	39.02	3.73	42.75	-31.25	74.00	Peak
2		8157.000	29.95	13.50	43.45	-30.55	74.00	Peak
3	*	11846.000	25.99	19.27	45.25	-28.75	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

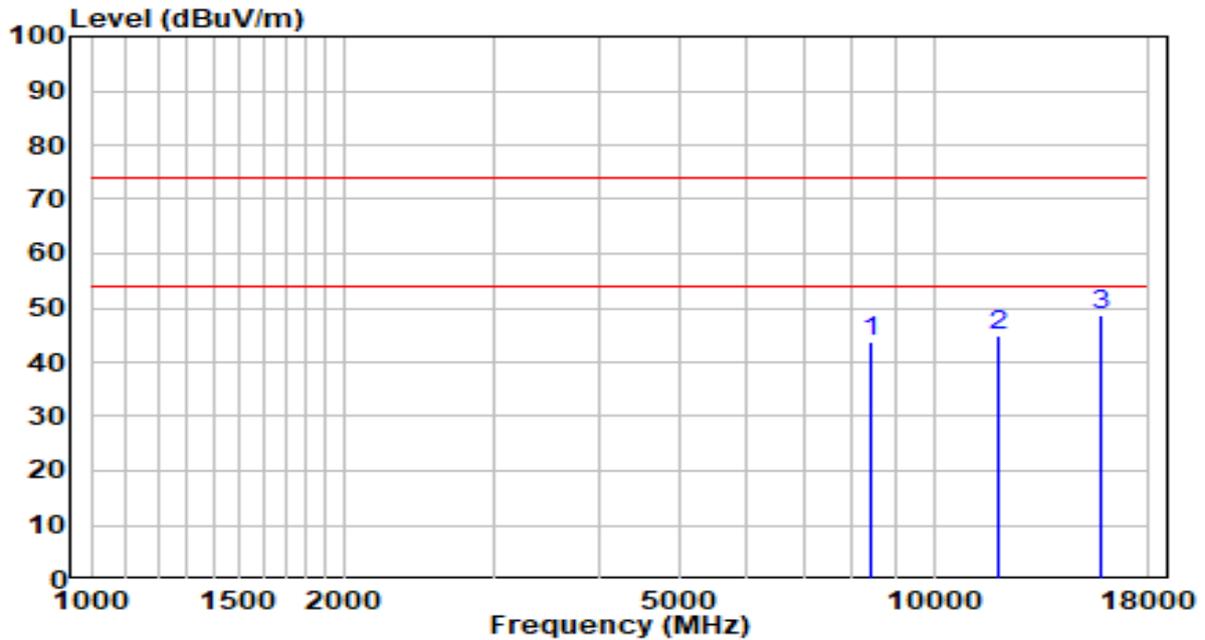| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		7562.000	29.92	13.07	42.98	-31.02	74.00	Peak
2		11948.000	26.26	19.04	45.30	-28.70	74.00	Peak
3	*	15747.500	28.75	20.74	49.49	-24.51	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

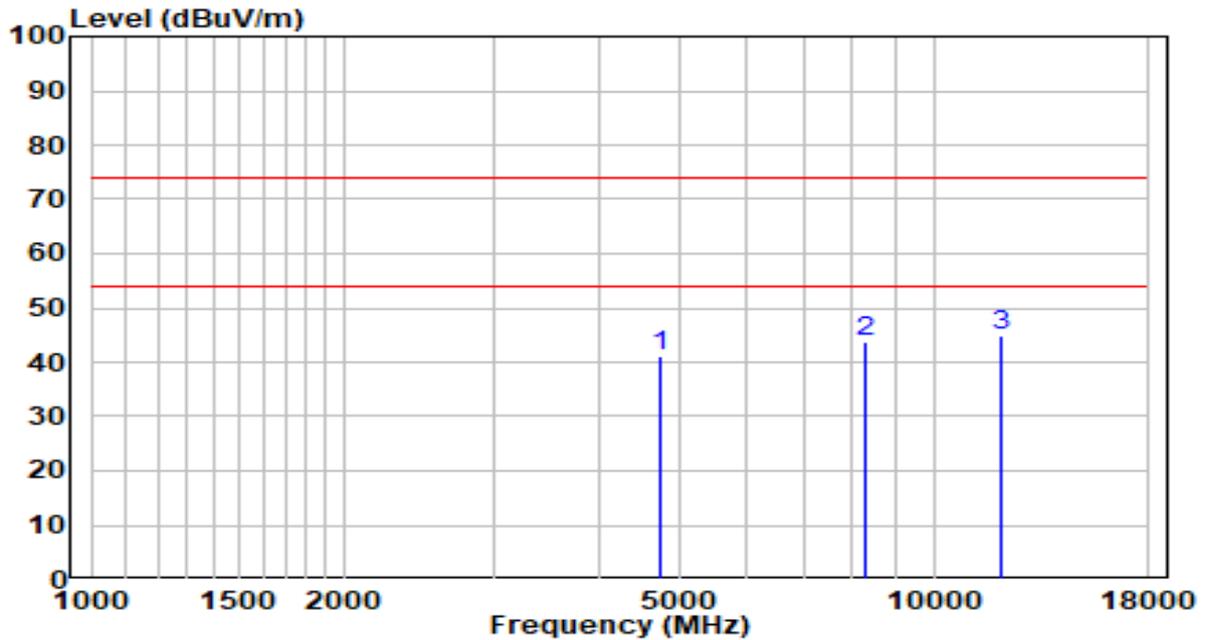| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		8412.000	30.00	13.62	43.61	-30.39	74.00	Peak
2		11922.500	25.81	19.10	44.91	-29.09	74.00	Peak
3	*	15824.000	28.30	20.55	48.84	-25.16	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

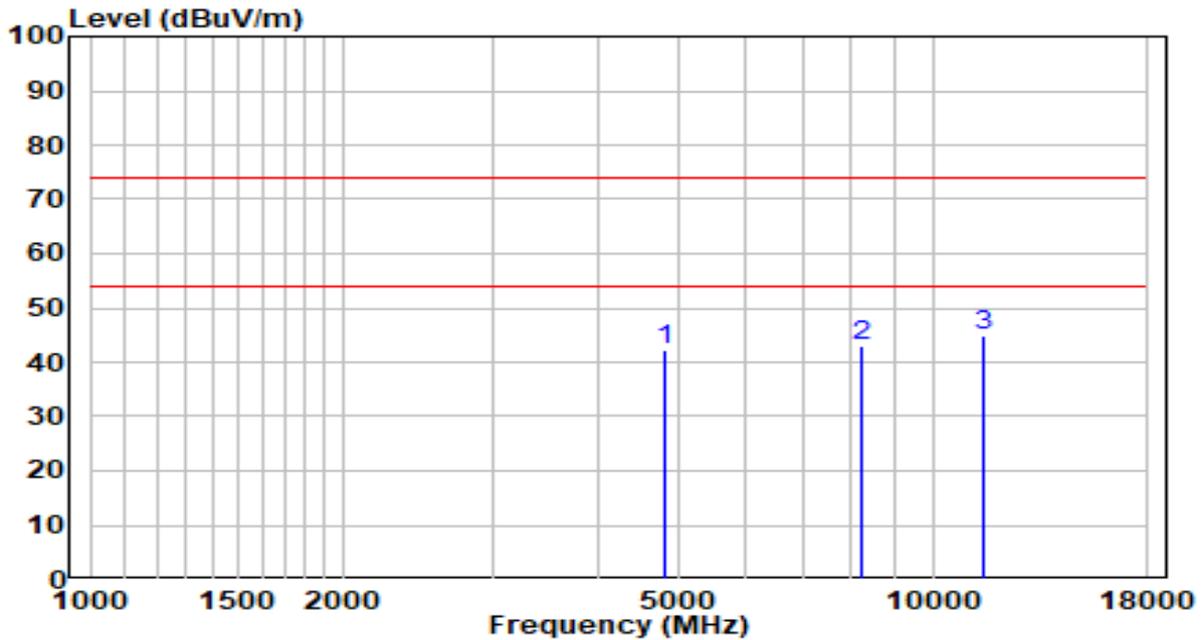| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4723.000	37.63	3.45	41.09	-32.91	74.00	Peak
2		8293.000	30.35	13.56	43.91	-30.09	74.00	Peak
3	*	11999.000	26.03	18.92	44.95	-29.05	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

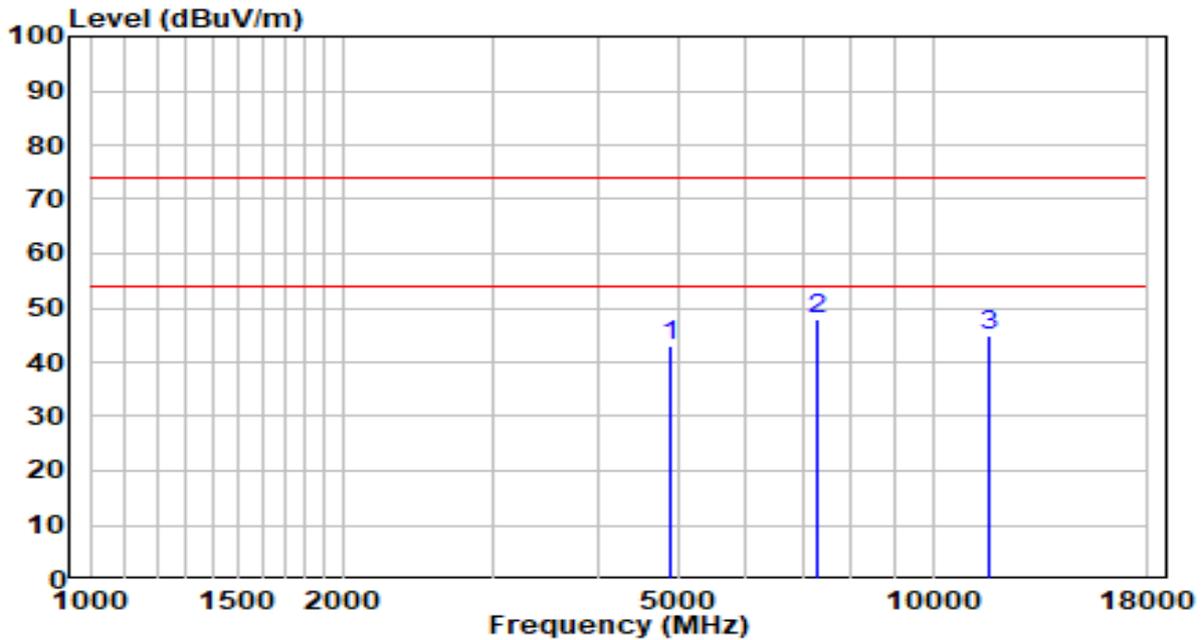| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4825.000	38.66	3.64	42.30	-31.70	74.00	Peak
2		8225.000	29.61	13.53	43.14	-30.86	74.00	Peak
3	*	11472.000	24.74	20.01	44.75	-29.25	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

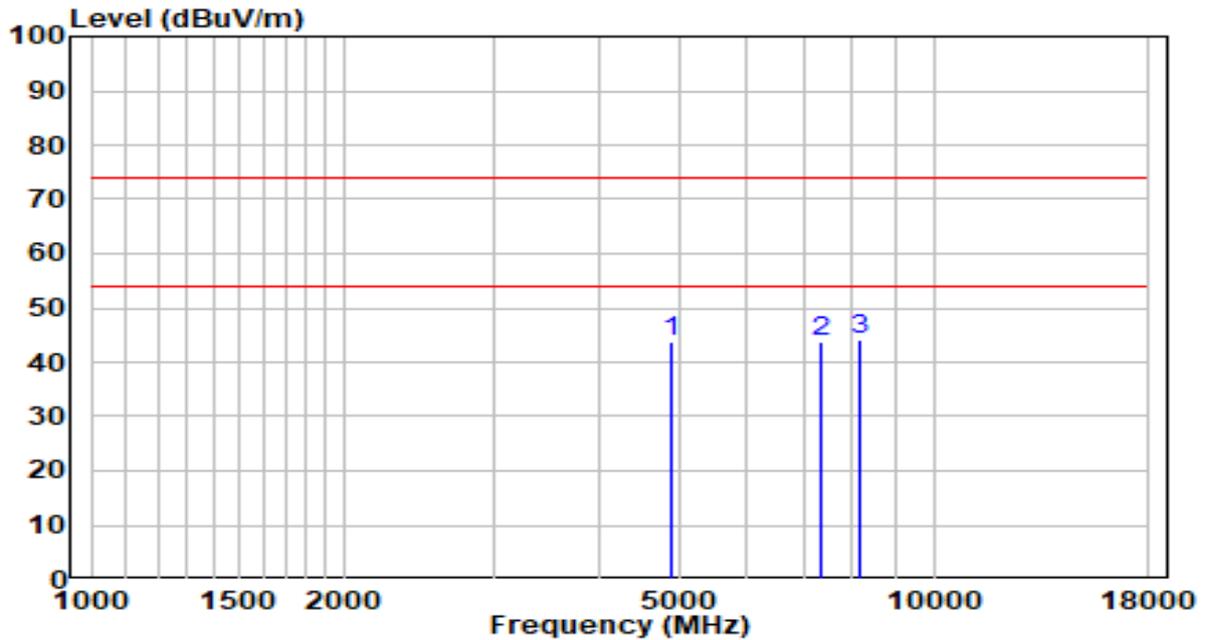| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4884.500	39.27	3.74	43.02	-30.98	74.00	Peak
2	*	7315.500	35.60	12.20	47.80	-26.20	74.00	Peak
3		11701.500	25.13	19.59	44.73	-29.27	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

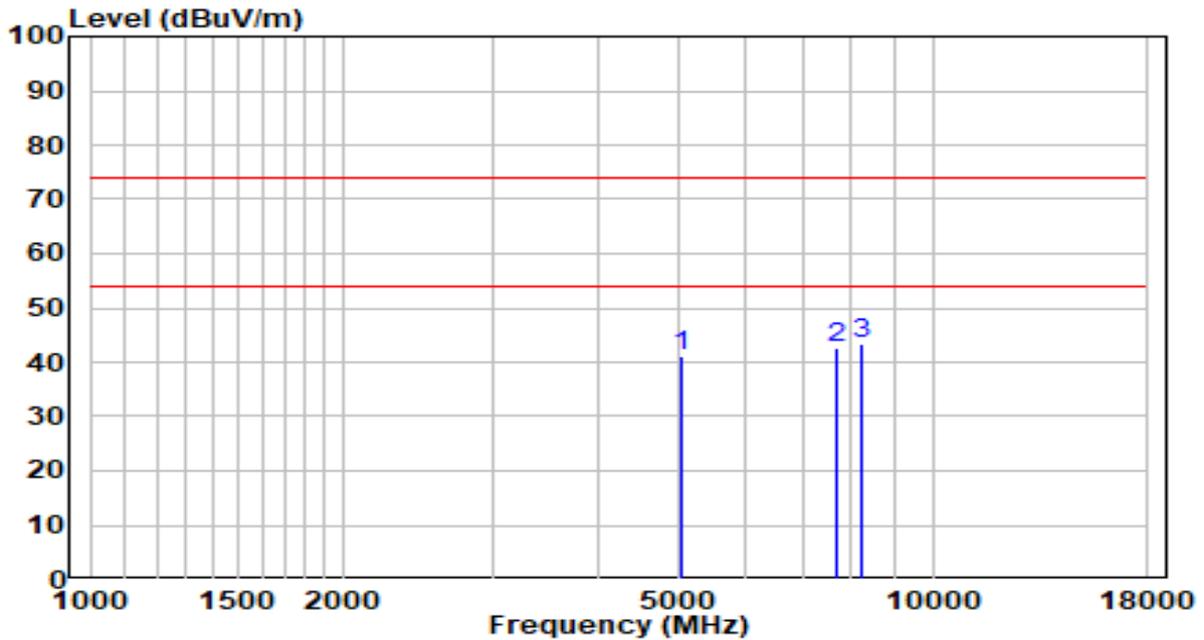| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4876.000	39.96	3.73	43.69	-30.31	74.00	Peak
2		7324.000	31.60	12.24	43.84	-30.16	74.00	Peak
3	*	8157.000	30.64	13.50	44.14	-29.86	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

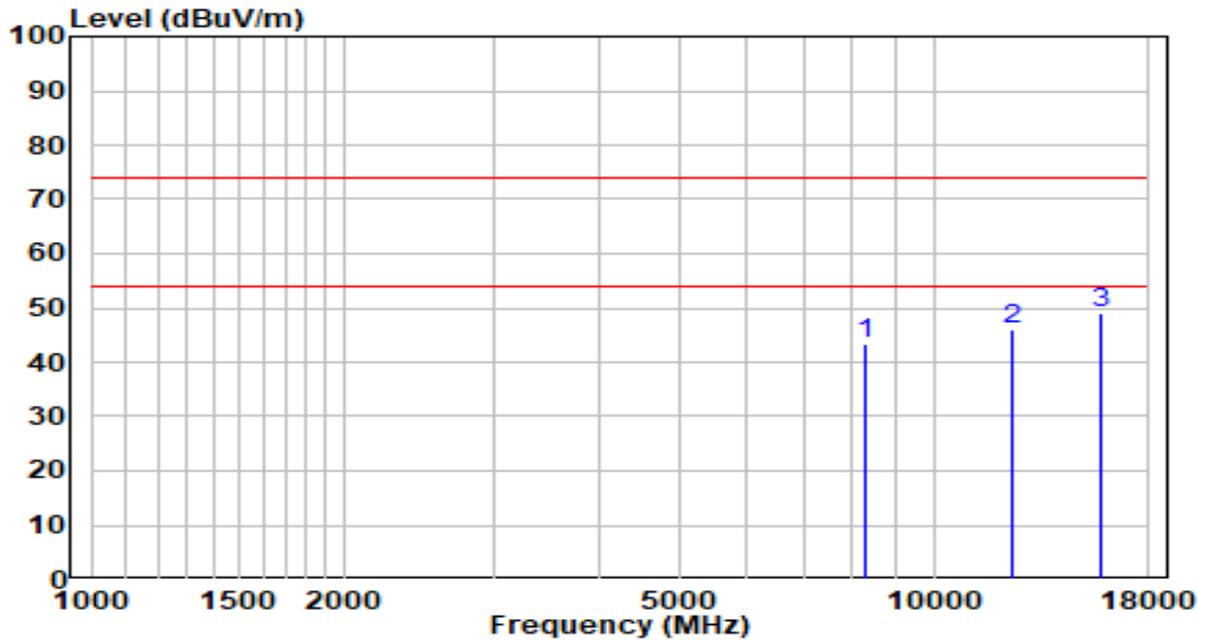| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5046.000	37.21	4.03	41.23	-32.77	74.00	Peak
2		7698.000	29.49	13.18	42.67	-31.33	74.00	Peak
3	*	8208.000	30.03	13.52	43.55	-30.45	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

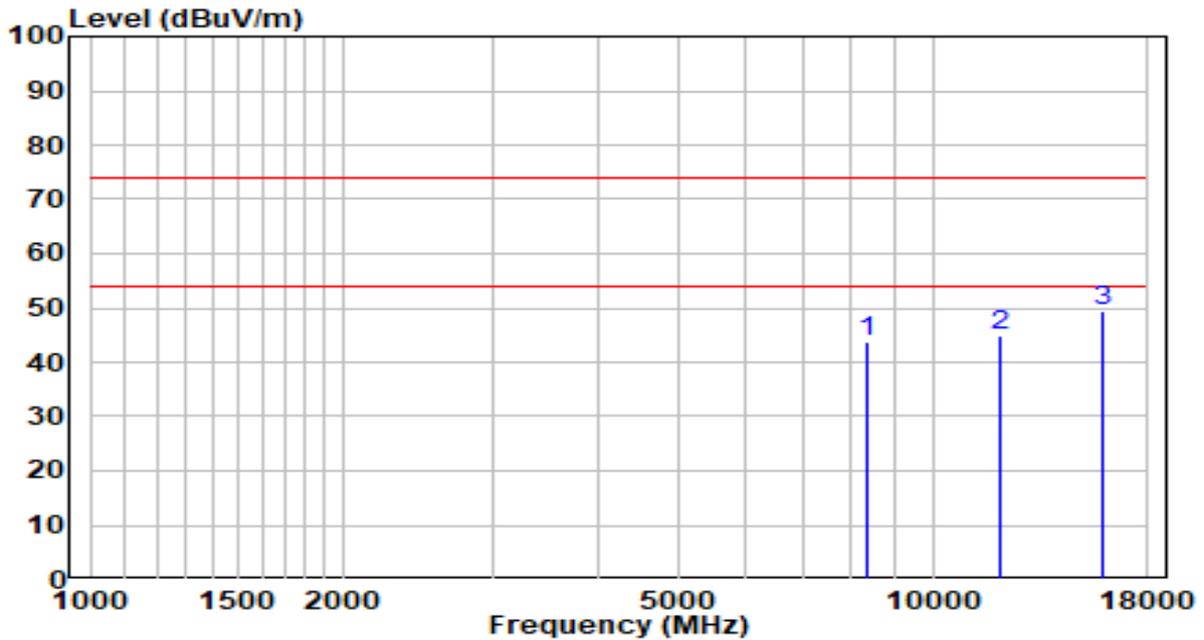| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11n-HT20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		8267.500	29.73	13.55	43.28	-30.72	74.00	Peak
2		12407.000	27.52	18.50	46.02	-27.98	74.00	Peak
3	*	15832.500	28.58	20.53	49.10	-24.90	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

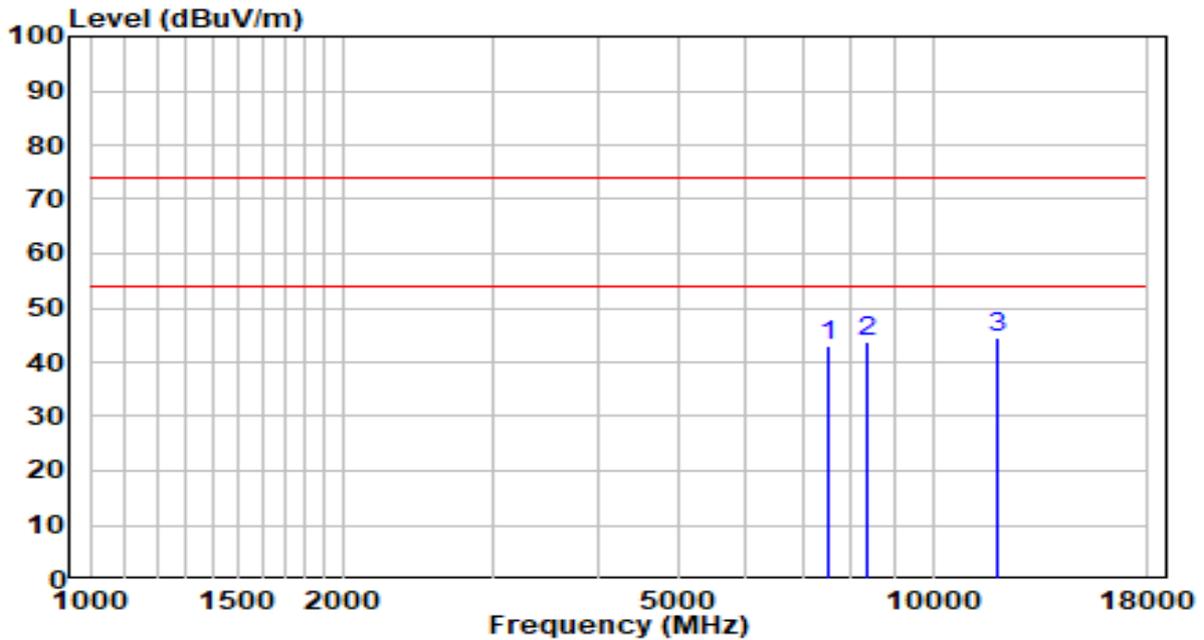| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		8369.500	30.30	13.60	43.90	-30.10	74.00	Peak
2		11990.500	25.81	18.94	44.75	-29.25	74.00	Peak
3	*	15960.000	29.28	20.21	49.49	-24.51	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

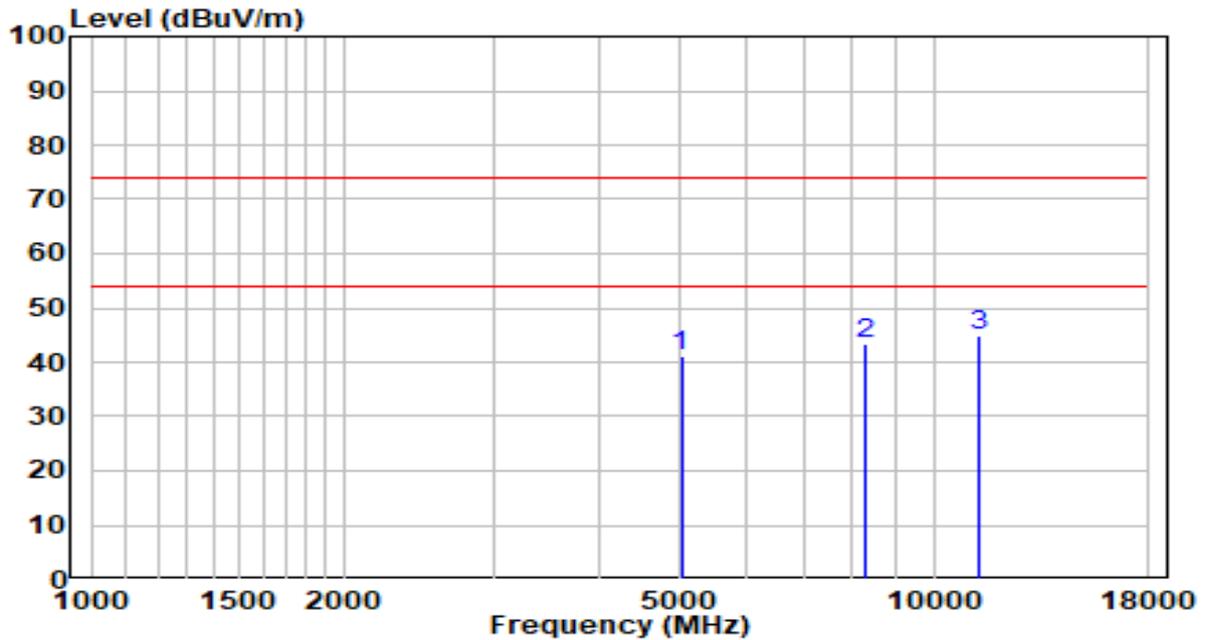| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		7536.500	29.95	13.05	42.99	-31.01	74.00	Peak
2		8335.500	30.05	13.58	43.63	-30.37	74.00	Peak
3	*	11939.500	25.64	19.06	44.70	-29.30	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

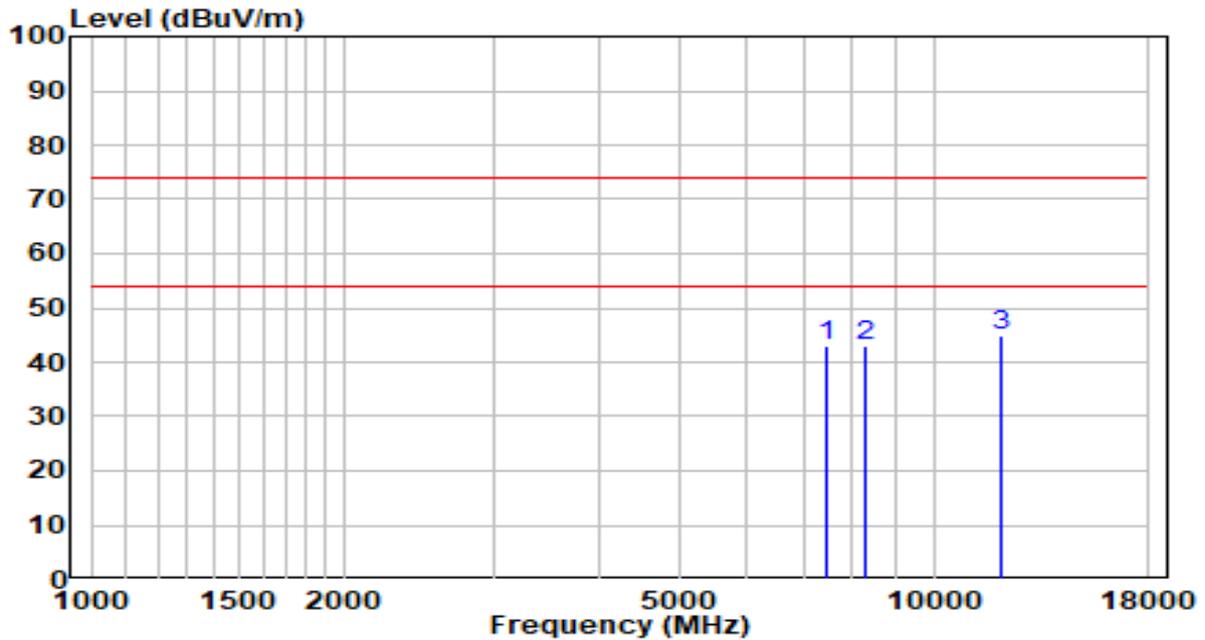| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5012.000	37.18	3.97	41.15	-32.85	74.00	Peak
2		8318.500	29.69	13.57	43.27	-30.73	74.00	Peak
3	*	11302.000	25.15	19.75	44.89	-29.11	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

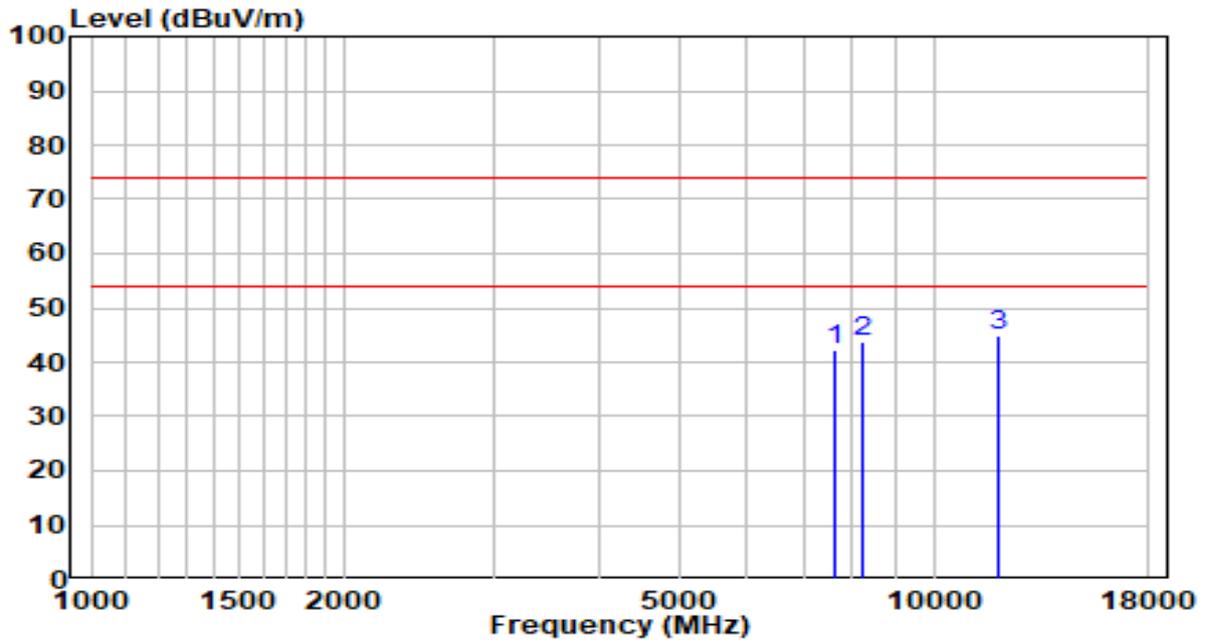| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		7477.000	30.13	12.91	43.05	-30.95	74.00	Peak
2		8310.000	29.44	13.57	43.01	-30.99	74.00	Peak
3	*	11990.500	26.01	18.94	44.95	-29.05	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

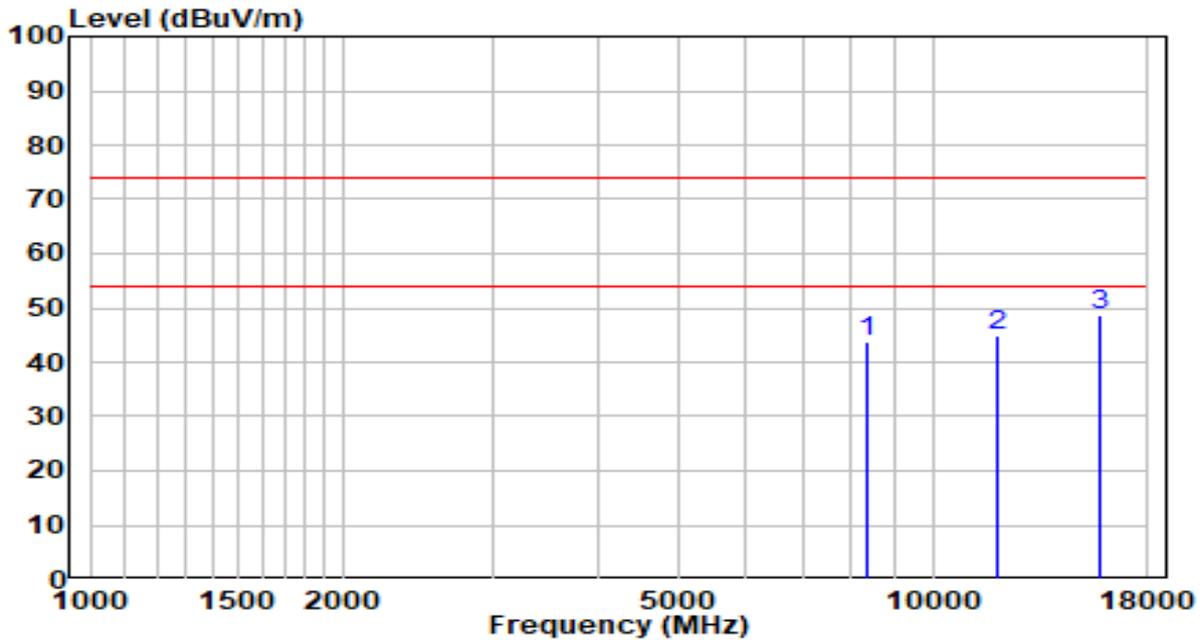| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2452MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		7621.500	29.09	13.12	42.21	-31.79	74.00	Peak
2		8259.000	30.29	13.55	43.84	-30.16	74.00	Peak
3	*	11939.500	25.76	19.06	44.82	-29.18	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

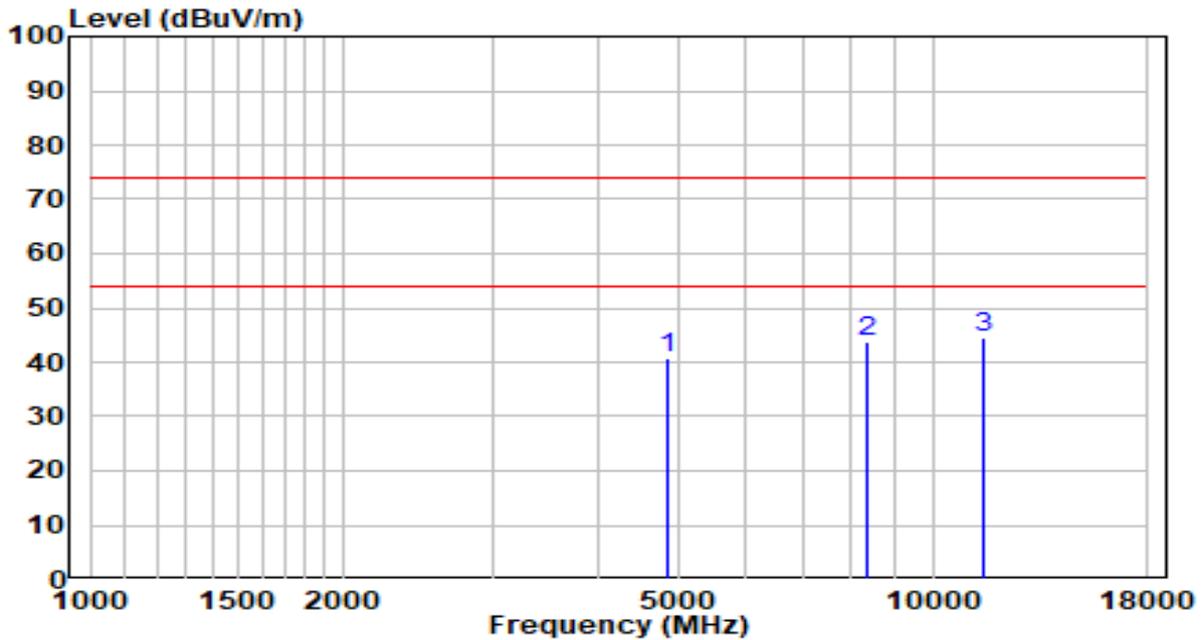| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2452MHz by 802.11n-HT40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		8352.500	30.30	13.59	43.89	-30.11	74.00	Peak
2		11914.000	25.90	19.11	45.01	-28.99	74.00	Peak
3	*	15832.500	27.99	20.53	48.52	-25.48	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

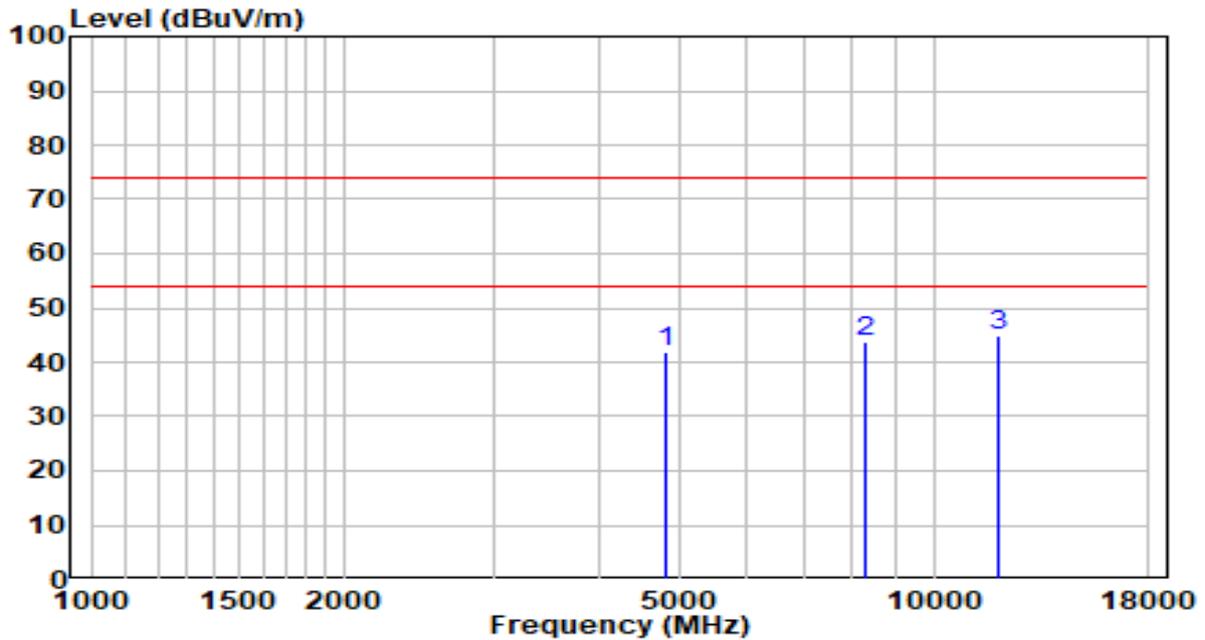| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4842.000	37.22	3.67	40.89	-33.11	74.00	Peak
2		8361.000	30.02	13.59	43.61	-30.39	74.00	Peak
3	*	11472.000	24.64	20.01	44.65	-29.35	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

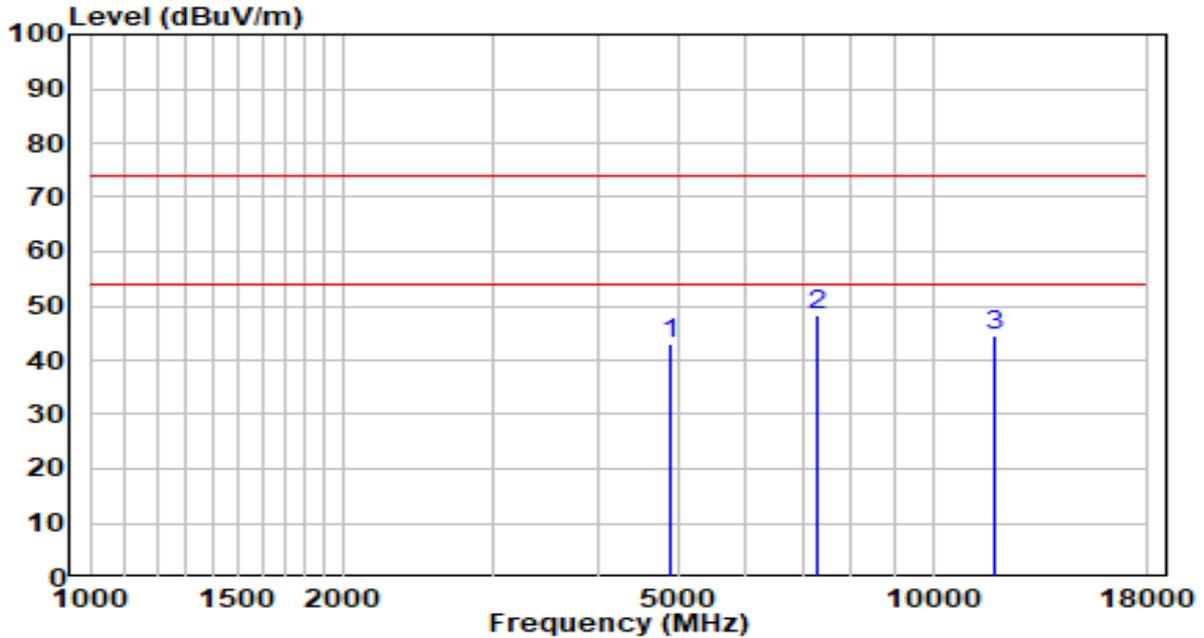| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4825.000	38.08	3.64	41.72	-32.28	74.00	Peak
2		8293.000	30.10	13.56	43.67	-30.33	74.00	Peak
3	*	11922.500	25.63	19.10	44.73	-29.27	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

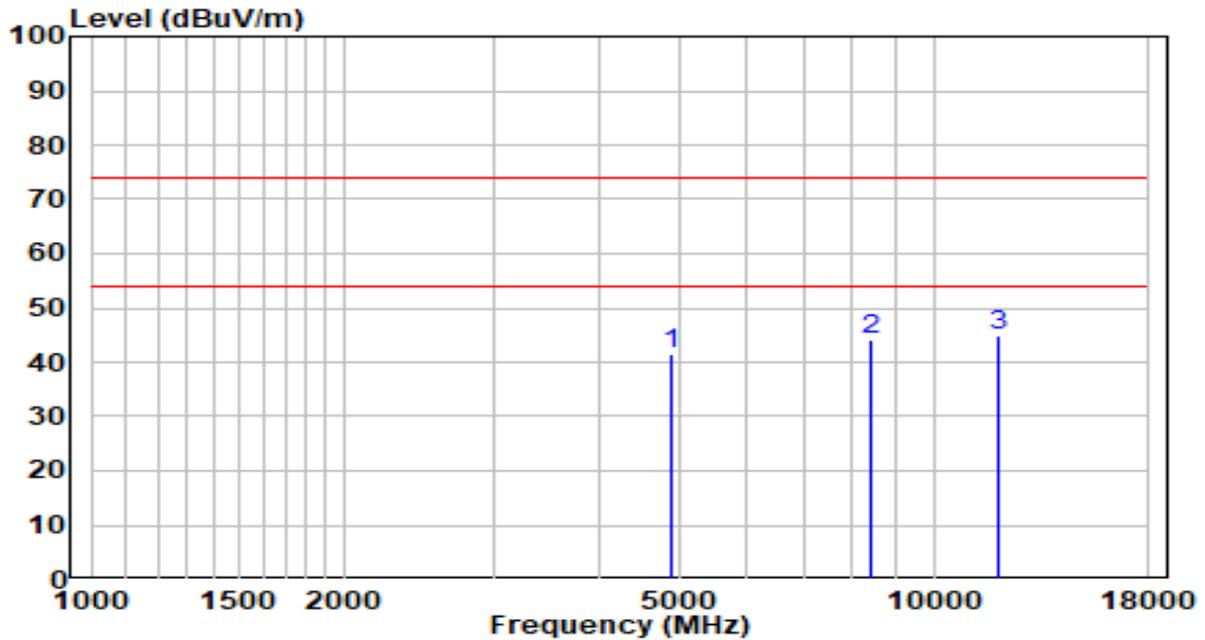| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4876.000	39.13	3.73	42.86	-31.14	74.00	Peak
2	*	7298.500	36.15	12.12	48.28	-25.72	74.00	Peak
3		11854.500	25.32	19.25	44.57	-29.43	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

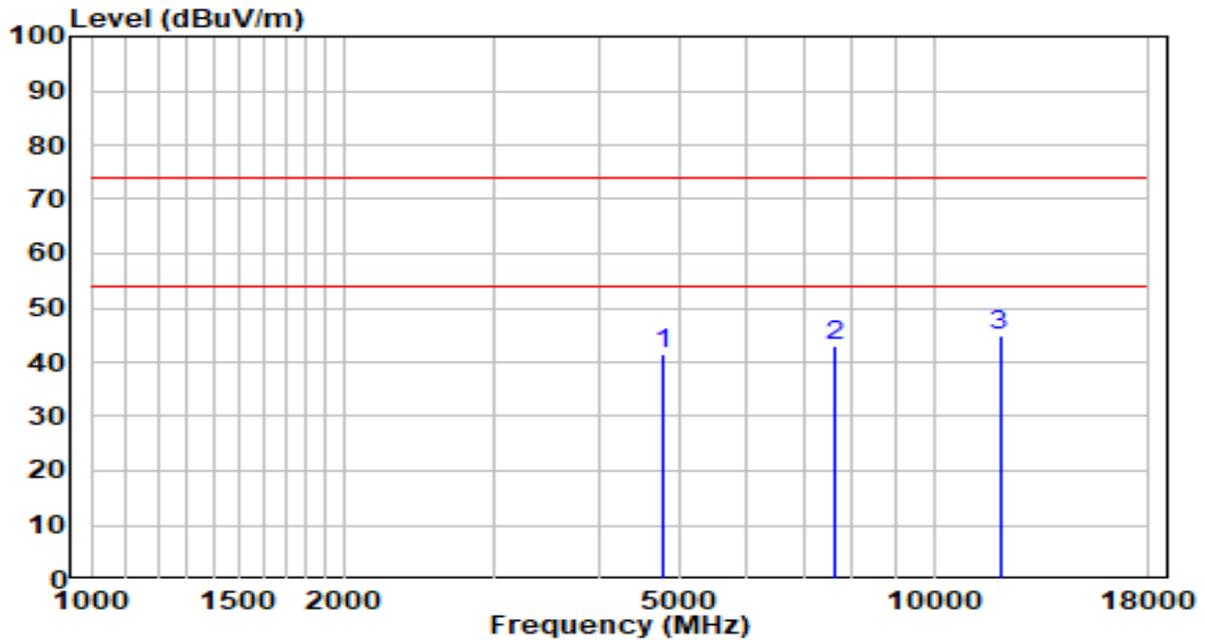| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4876.000	37.63	3.73	41.35	-32.65	74.00	Peak
2		8420.500	30.71	13.62	44.33	-29.67	74.00	Peak
3	*	11922.500	25.62	19.10	44.72	-29.28	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4774.000	37.81	3.54	41.35	-32.65	74.00	Peak
2		7647.000	29.98	13.14	43.12	-30.88	74.00	Peak
3	*	11973.500	26.07	18.98	45.05	-28.95	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

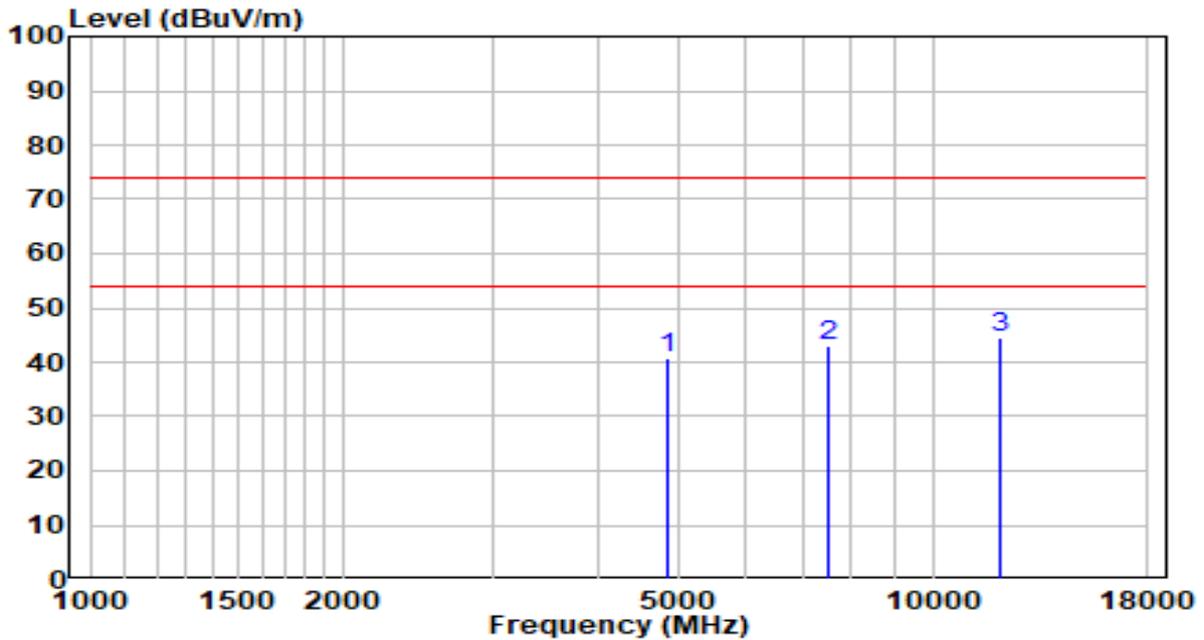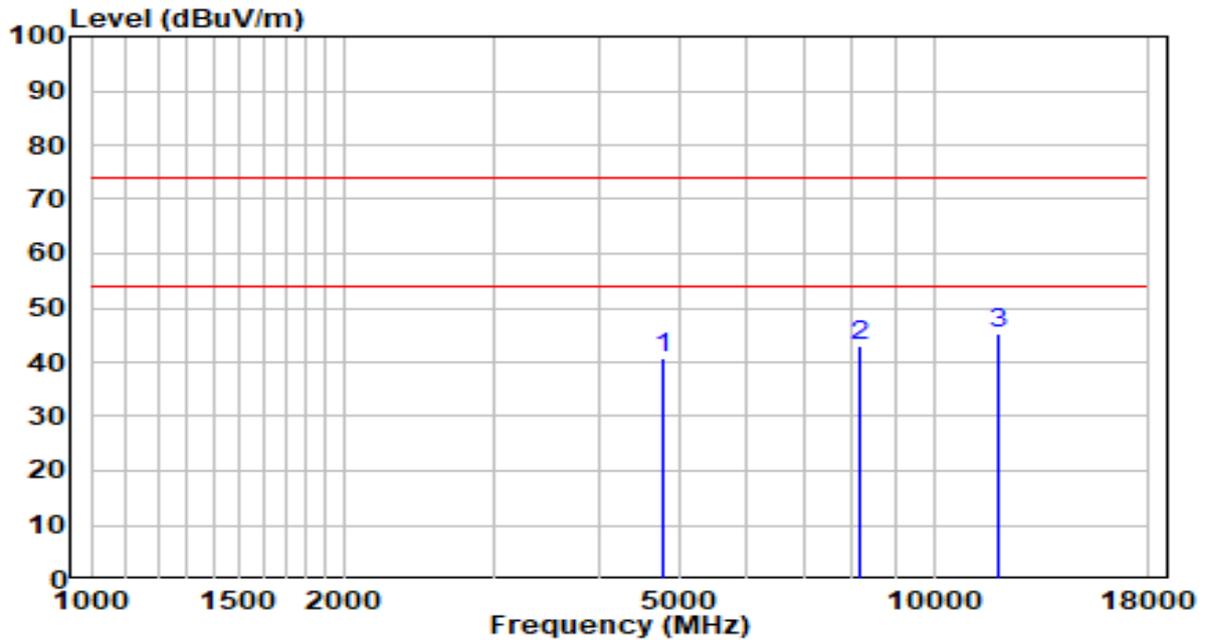| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11ax-HE20	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4842.000	37.11	3.67	40.77	-33.23	74.00	Peak
2		7536.500	29.98	13.05	43.03	-30.97	74.00	Peak
3	*	12041.500	25.82	18.88	44.70	-29.30	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4765.500	37.40	3.53	40.93	-33.07	74.00	Peak
2		8174.000	29.49	13.51	43.00	-31.00	74.00	Peak
3	*	11905.500	26.21	19.13	45.34	-28.66	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

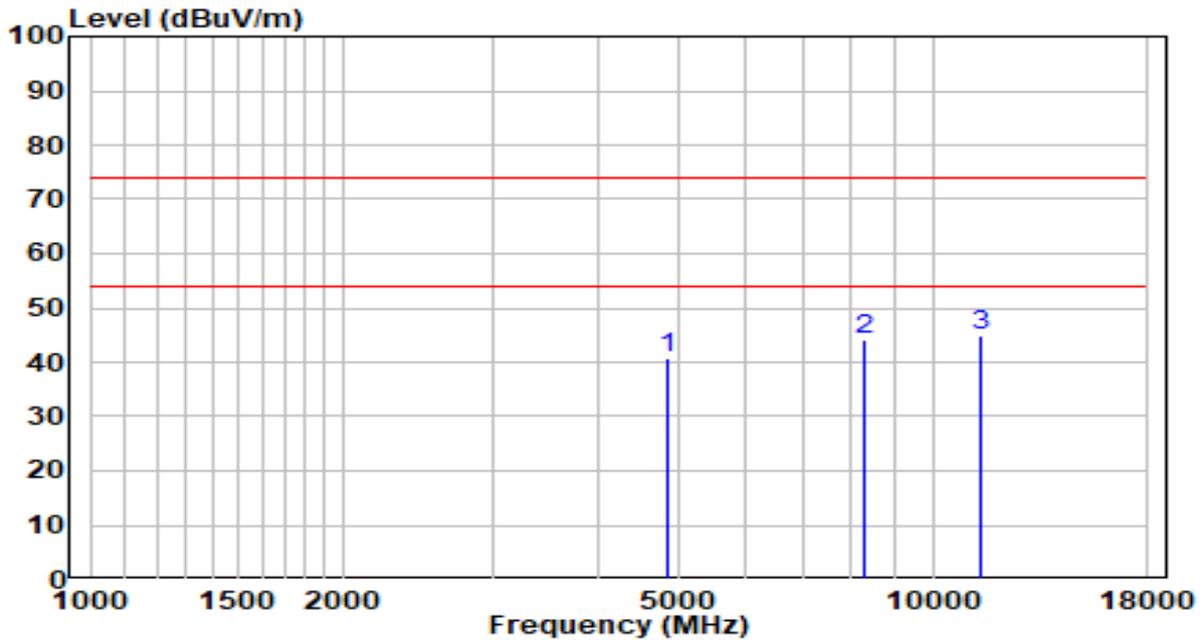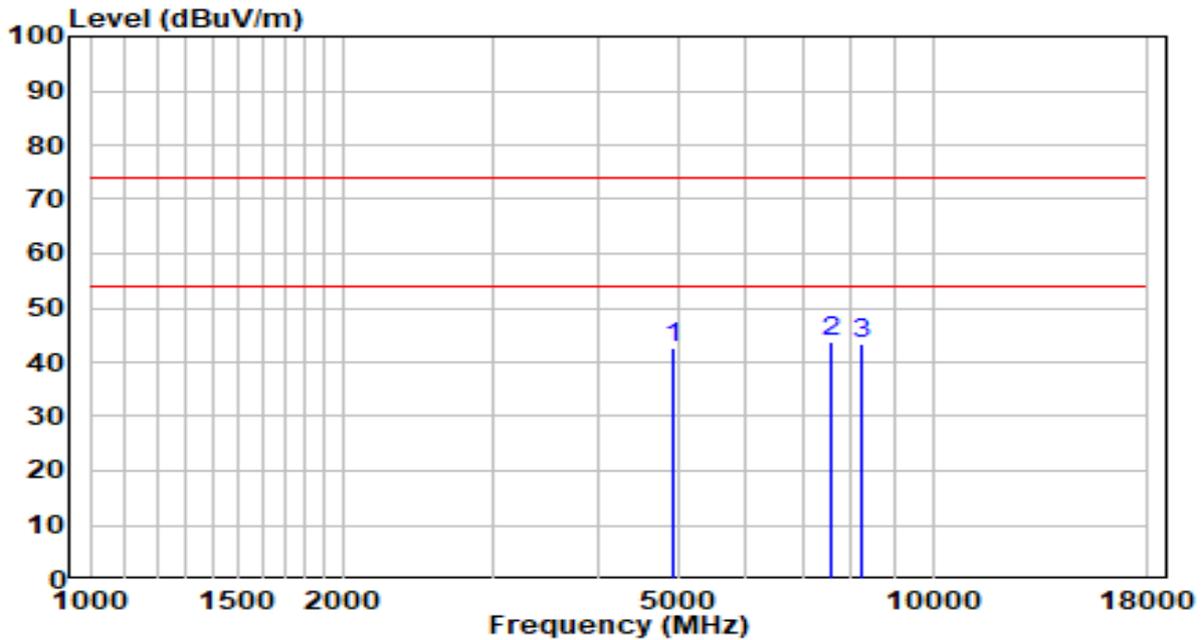| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4842.000	37.28	3.67	40.94	-33.06	74.00	Peak
2		8301.500	30.42	13.57	43.98	-30.02	74.00	Peak
3	*	11395.500	25.03	19.89	44.92	-29.08	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

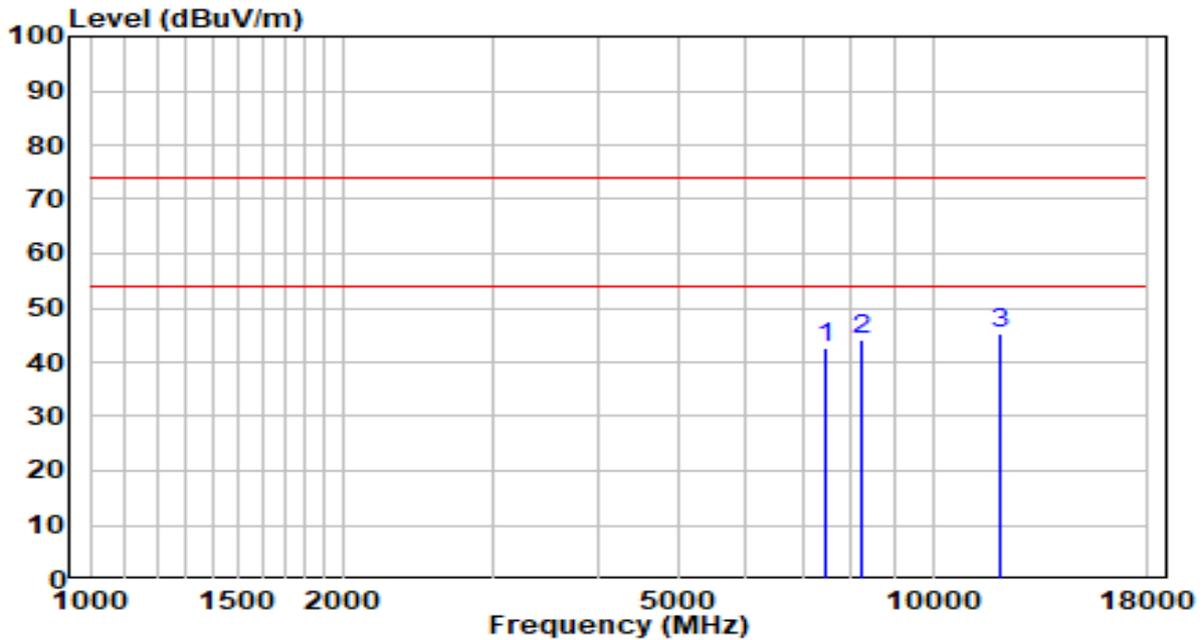| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		4918.500	38.66	3.80	42.46	-31.54	74.00	Peak
2	*	7587.500	30.77	13.09	43.86	-30.14	74.00	Peak
3		8259.000	29.76	13.55	43.31	-30.69	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

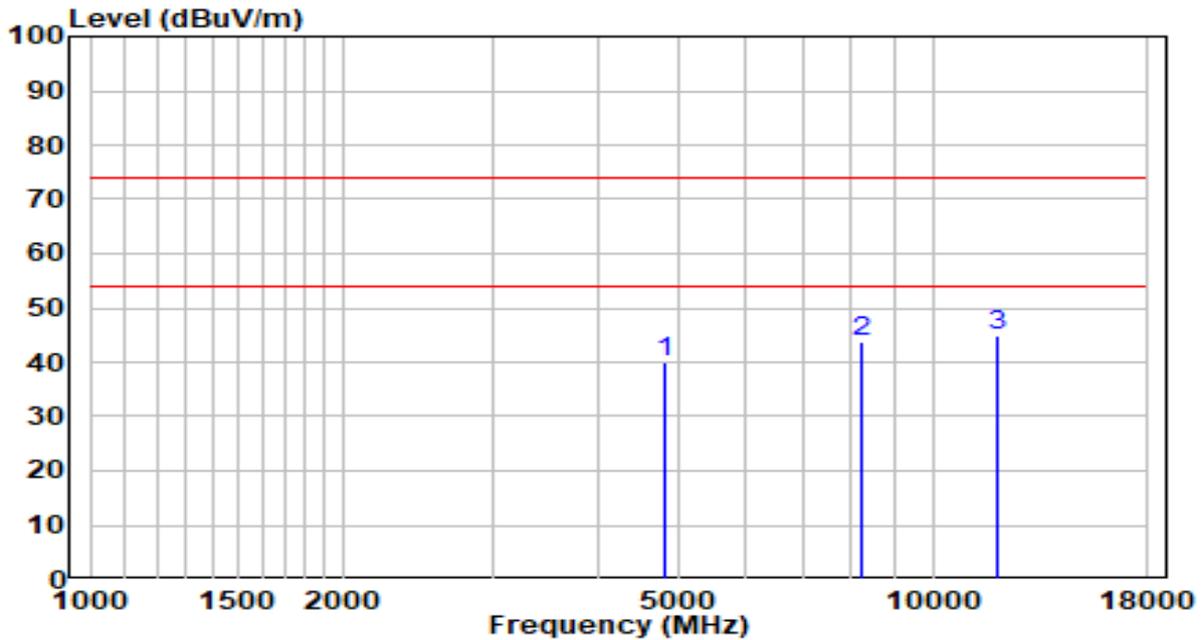| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		7485.500	29.55	12.95	42.50	-31.50	74.00	Peak
2		8259.000	30.61	13.55	44.15	-29.85	74.00	Peak
3	*	12024.500	26.24	18.89	45.14	-28.86	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2452MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		4816.500	36.53	3.62	40.15	-33.85	74.00	Peak
2		8259.000	30.23	13.55	43.78	-30.22	74.00	Peak
3	*	11931.000	25.95	19.08	45.02	-28.98	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

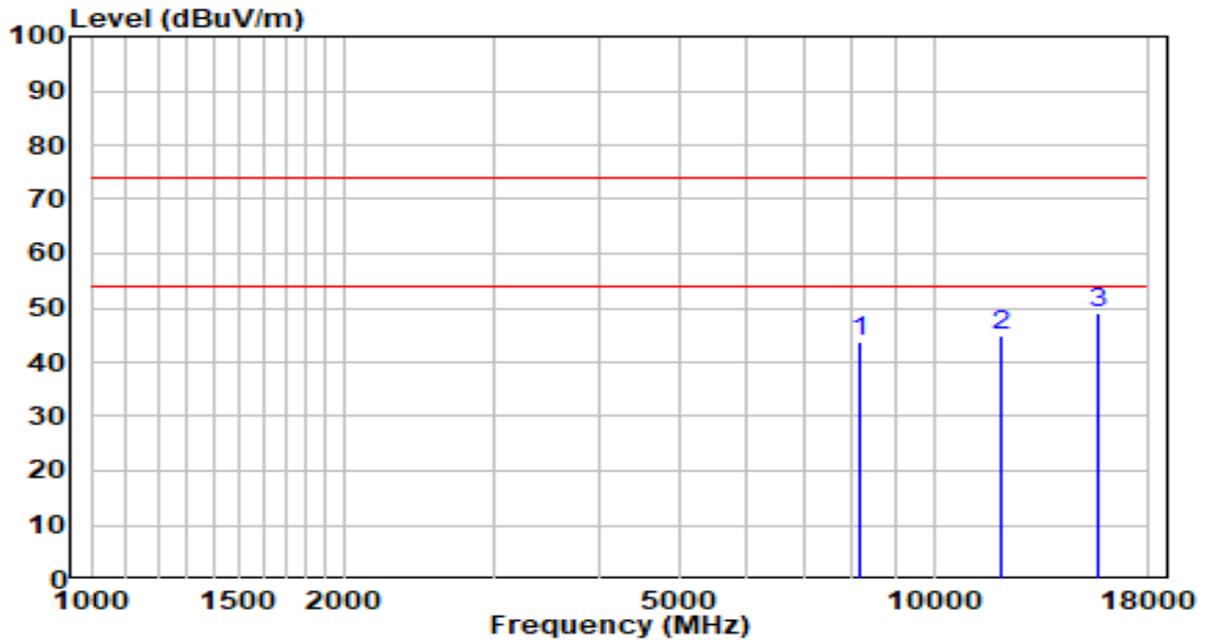| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2452MHz by 802.11ax-HE40	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		8182.500	30.18	13.51	43.69	-30.31	74.00	Peak
2		12024.500	25.89	18.89	44.78	-29.22	74.00	Peak
3	*	15662.500	27.99	20.95	48.94	-25.06	74.00	Peak

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – Preamplifier(dB).

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

The Result of Radiated Emission below 1GHz:

| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-13
Factor	VULB 9162 (30MHz~8GHz) + 6dB Attenuator_2020	Temp. / Humidity	23.1℃/49.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V/60Hz
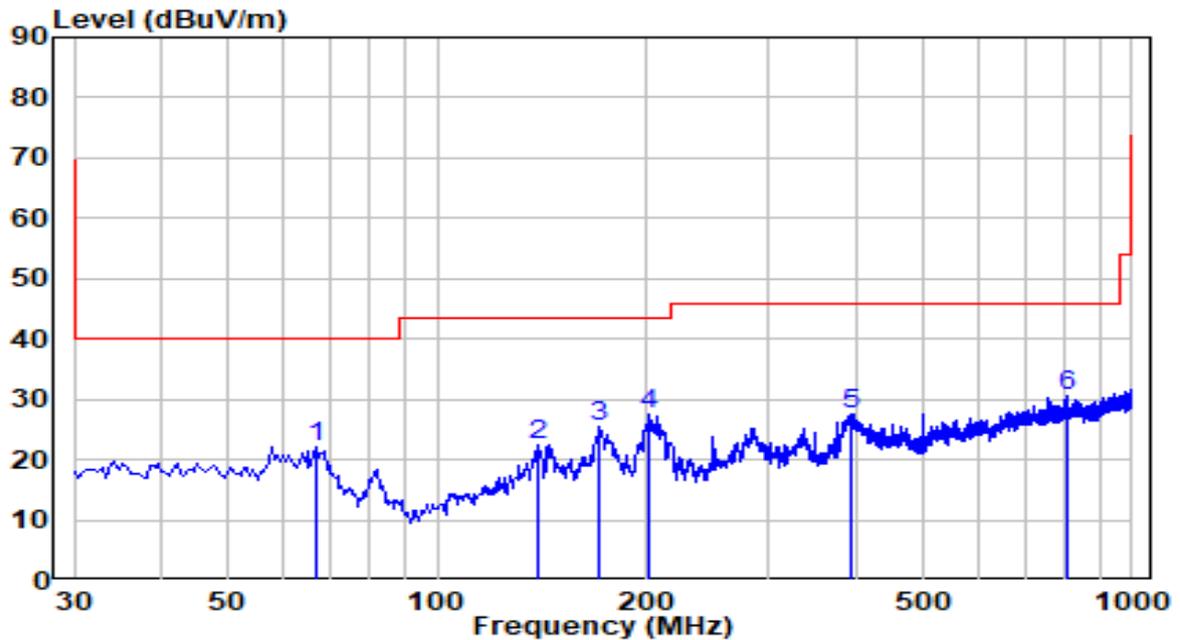
No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		66.860	4.21	17.99	22.20	-17.80	40.00	Peak
2		139.125	6.40	16.05	22.45	-21.05	43.50	Peak
3		171.620	8.72	16.77	25.49	-18.01	43.50	Peak
4		201.205	8.16	19.19	27.35	-16.15	43.50	Peak
5		395.690	3.67	23.99	27.66	-18.34	46.00	Peak
6	*	805.030	0.01	30.60	30.61	-15.39	46.00	Peak

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-13
Factor	VULB 9162 (30MHz~8GHz) + 6dB Attenuator_2020	Temp. / Humidity	23.1℃/49.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V/60Hz
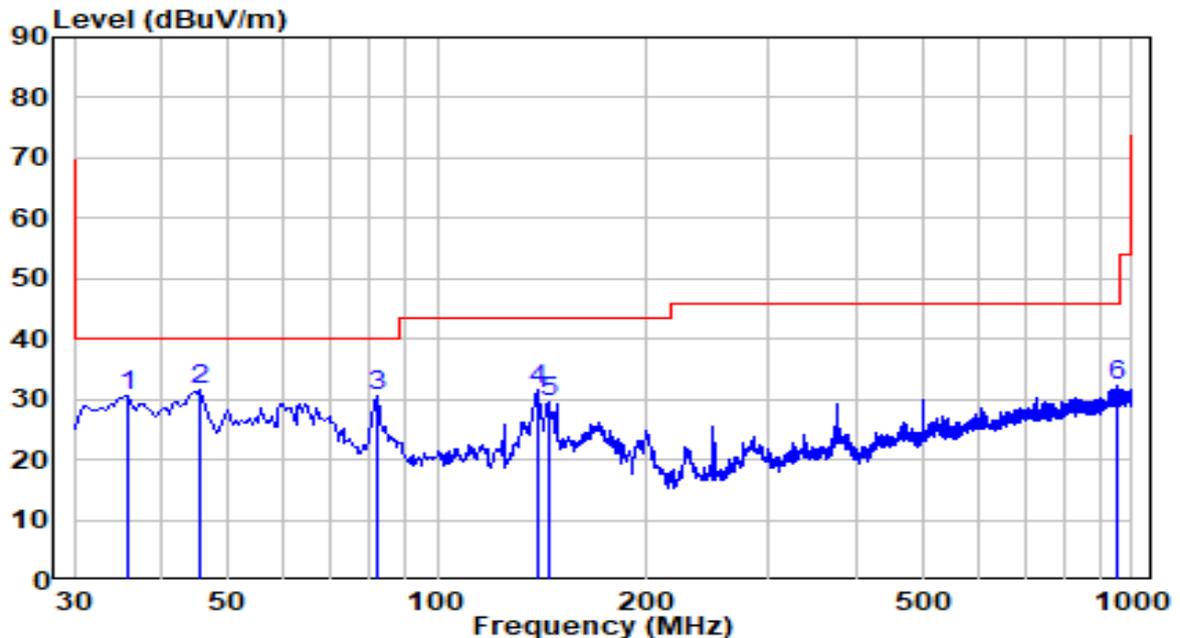
No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		35.820	10.99	19.61	30.60	-9.40	40.00	Peak
2	*	45.520	9.65	21.83	31.48	-8.52	40.00	Peak
3		81.895	15.67	14.83	30.50	-9.50	40.00	Peak
4		139.610	15.46	16.04	31.50	-12.00	43.50	Peak
5		144.460	13.48	16.01	29.49	-14.01	43.50	Peak
6		951.500	0.16	32.18	32.34	-13.66	46.00	Peak

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

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

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

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

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

7.7.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)
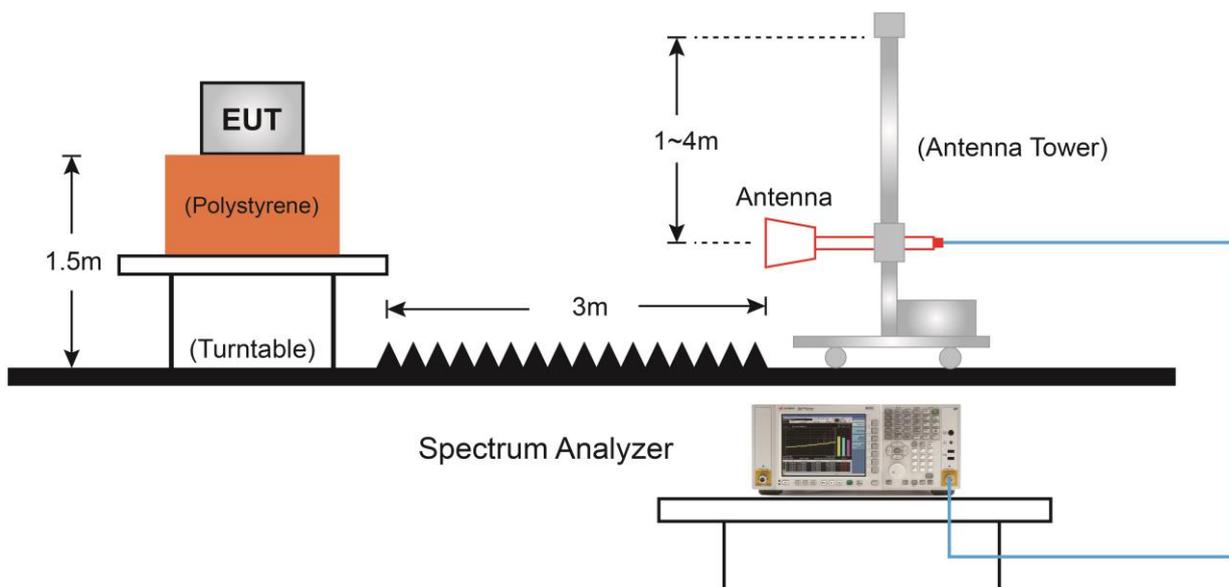
7.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

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

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

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

4. Average Type = Voltage

5. Detector = Peak

6. Sweep time = auto

7. Trace mode = max hold

8. Trace was allowed to stabilize

7.7.4.Test Setup

7.7.5.Test Result

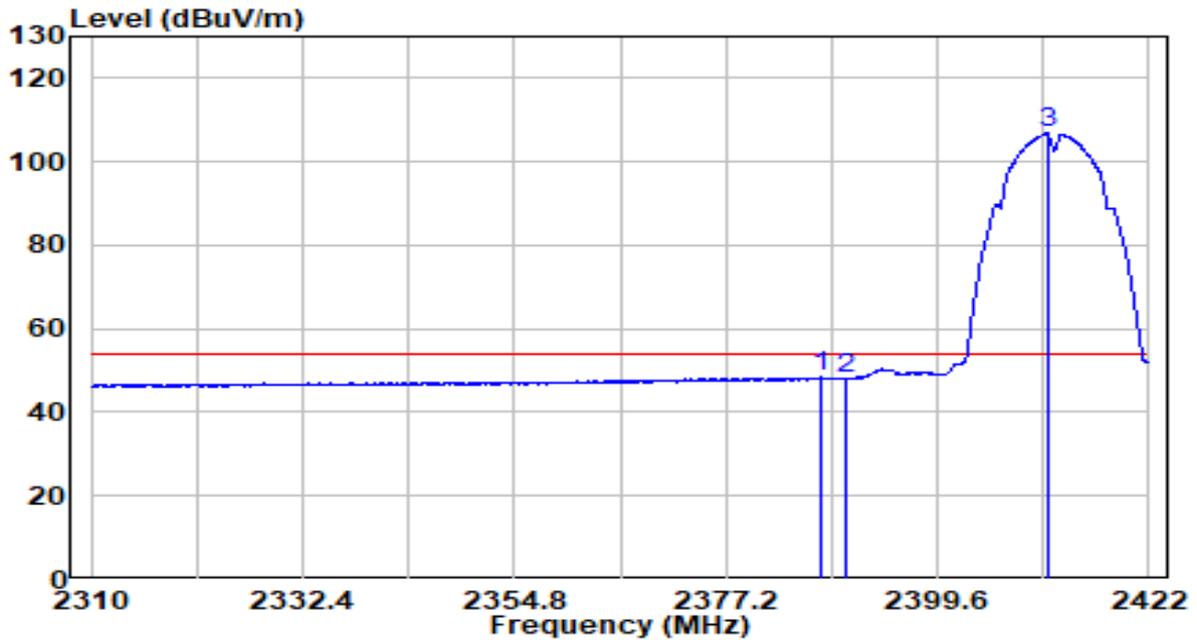| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz
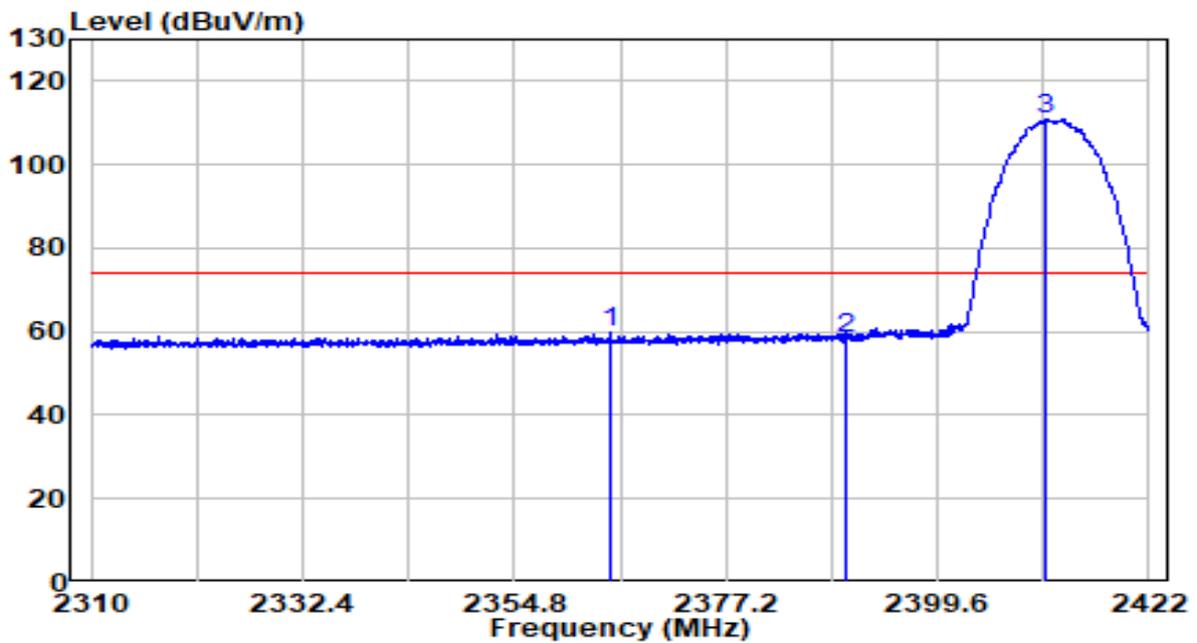
No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2365.048	27.57	32.11	59.68	-14.32	74.00	Peak
2		2390.000	26.18	32.22	58.40	-15.60	74.00	Peak
3	*	2411.080	78.63	32.31	110.93	N/A	N/A	Peak

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

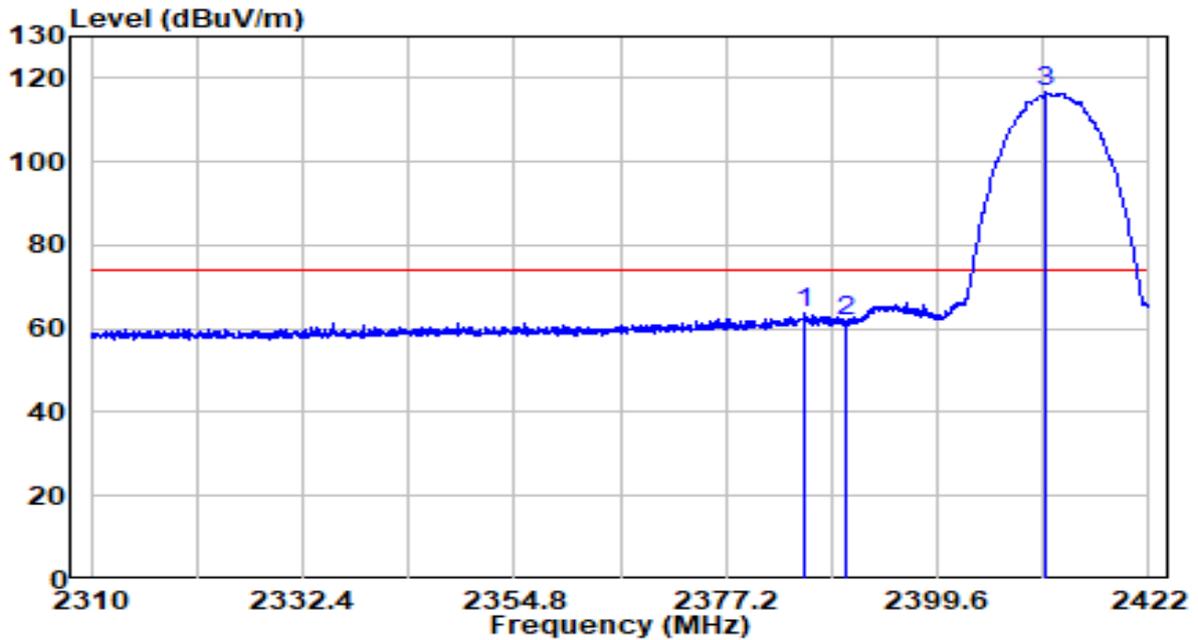| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2387.280	16.26	32.21	48.47	-5.53	54.00	Average
2		2390.000	15.83	32.22	48.05	-5.95	54.00	Average
3	*	2411.304	74.54	32.31	106.84	N/A	N/A	Average

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

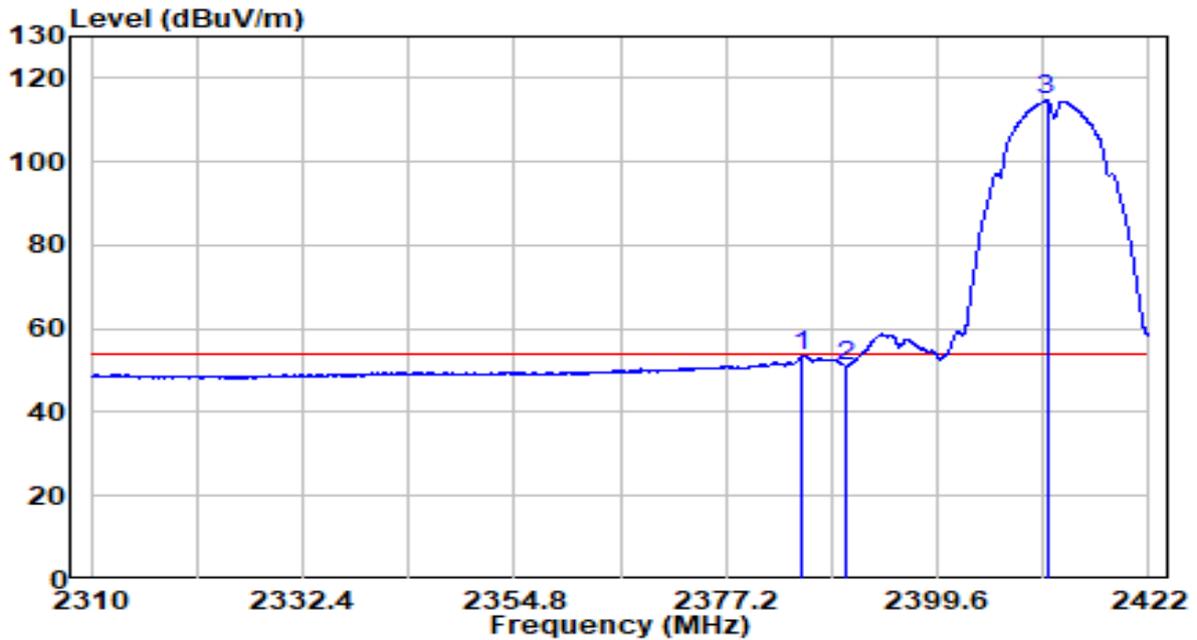| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2385.656	31.35	32.20	63.55	-10.45	74.00	Peak
2		2390.000	29.74	32.22	61.96	-12.04	74.00	Peak
3	*	2411.080	84.26	32.31	116.57	N/A	N/A	Peak

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

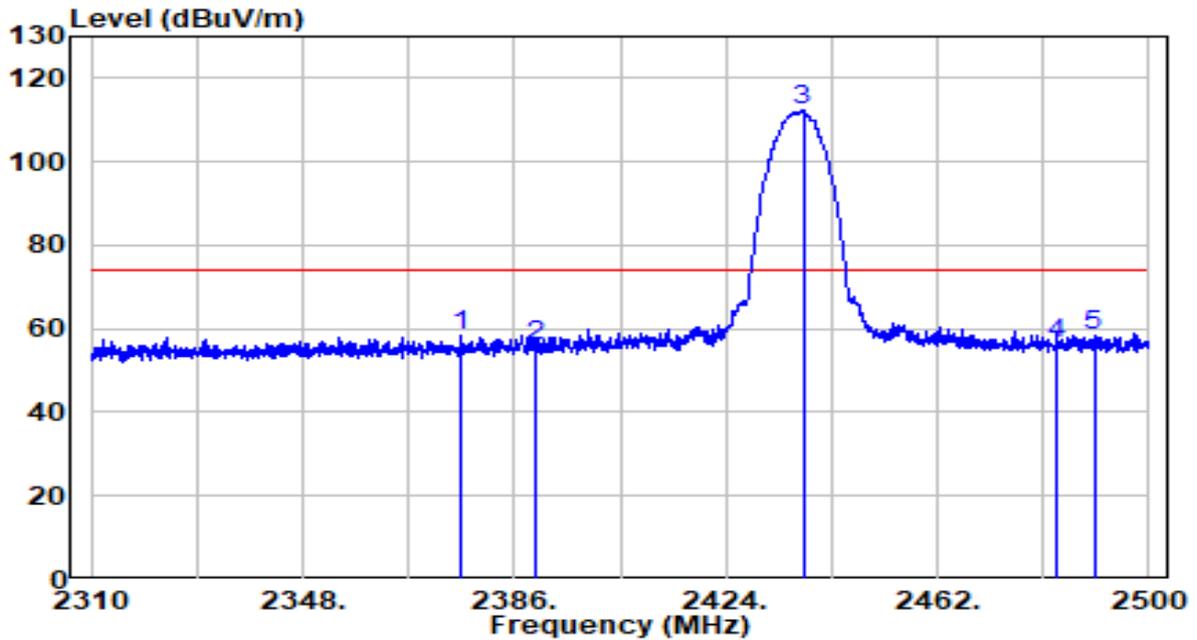| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2385.264	21.44	32.20	53.64	-0.36	54.00	Average
2		2390.000	18.88	32.22	51.10	-2.90	54.00	Average
3	*	2411.192	82.40	32.31	114.70	N/A	N/A	Average

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

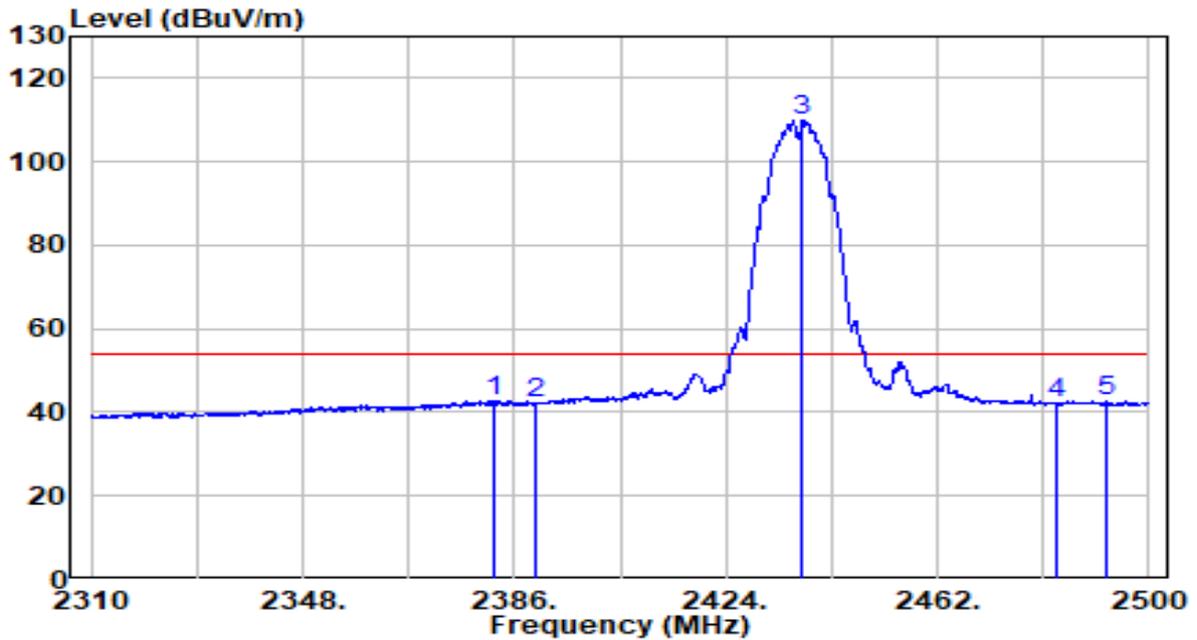| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2376.310	26.40	32.16	58.56	-15.44	74.00	Peak
2		2390.000	23.77	32.22	55.99	-18.01	74.00	Peak
3	*	2437.870	79.87	32.42	112.29	N/A	N/A	Peak
4		2483.500	23.62	32.61	56.23	-17.77	74.00	Peak
5		2490.120	25.96	32.64	58.60	-15.40	74.00	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(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

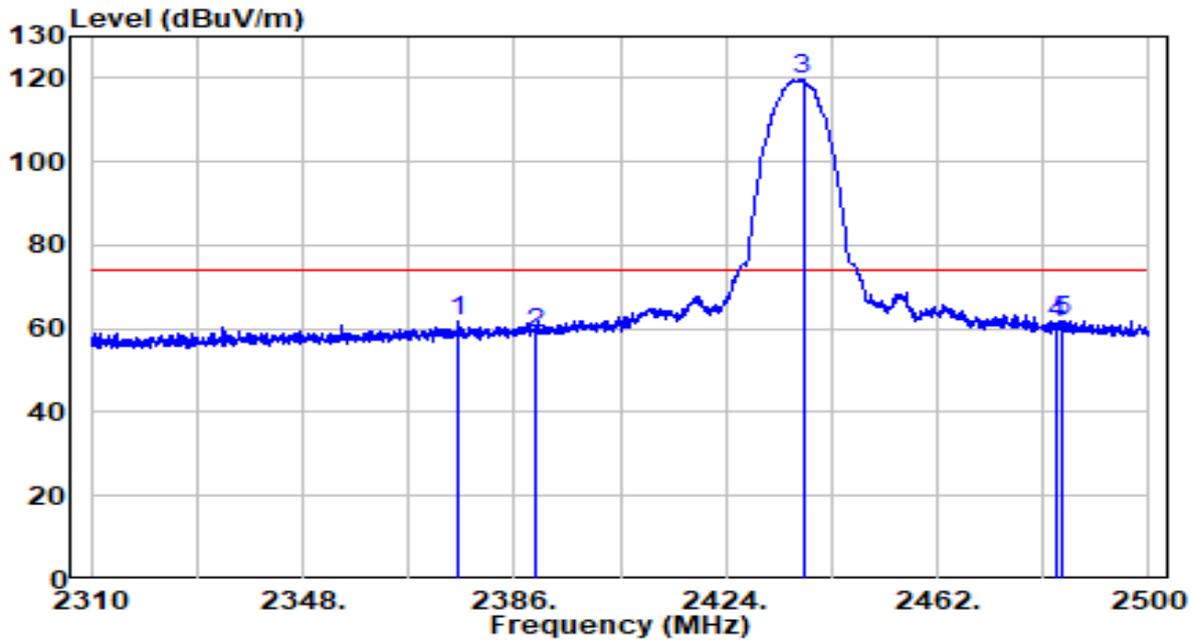| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2382.390	10.67	32.19	42.85	-11.15	54.00	Average
2		2390.000	9.88	32.22	42.10	-11.90	54.00	Average
3	*	2437.775	77.47	32.42	109.89	N/A	N/A	Average
4		2483.500	9.38	32.61	41.99	-12.01	54.00	Average
5		2492.210	9.81	32.65	42.46	-11.54	54.00	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(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

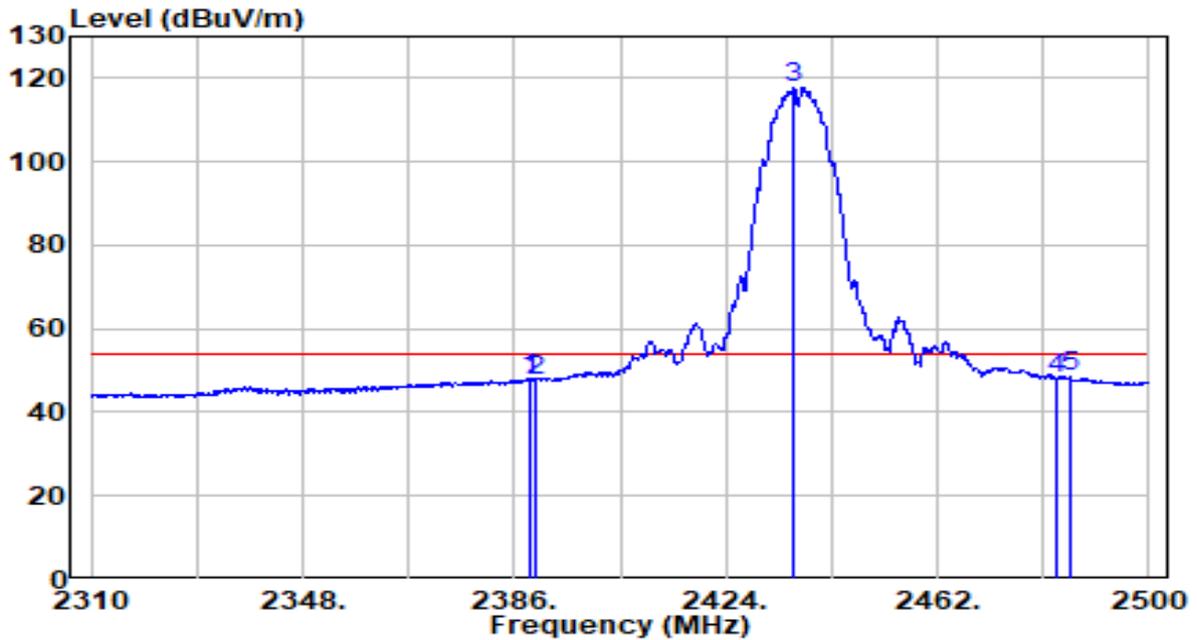| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2375.740	29.54	32.16	61.69	-12.31	74.00	Peak
2		2390.000	26.65	32.22	58.87	-15.13	74.00	Peak
3	*	2437.870	87.44	32.42	119.86	N/A	N/A	Peak
4		2483.500	28.53	32.61	61.14	-12.86	74.00	Peak
5		2484.515	29.18	32.61	61.80	-12.20	74.00	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

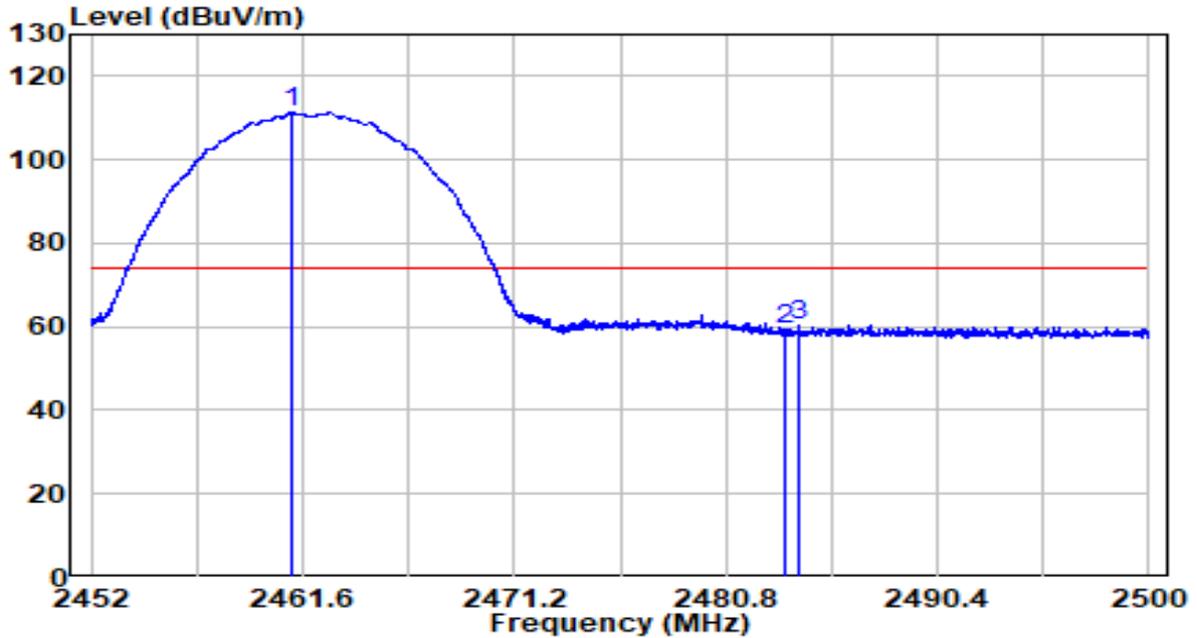| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2437MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2388.660	15.96	32.21	48.18	-5.82	54.00	Average
2		2390.000	15.58	32.22	47.79	-6.21	54.00	Average
3	*	2436.255	85.25	32.41	117.66	N/A	N/A	Average
4		2483.500	15.57	32.61	48.18	-5.82	54.00	Average
5		2485.750	15.71	32.62	48.33	-5.67	54.00	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

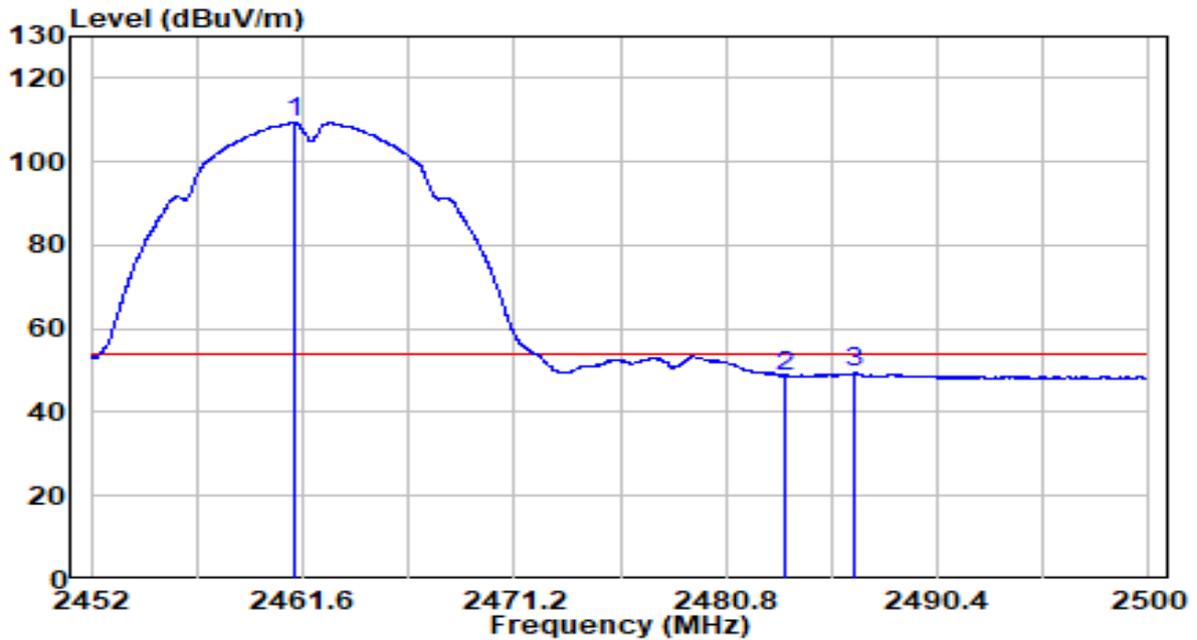| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	2461.072	78.70	32.52	111.22	N/A	N/A	Peak
2		2483.500	26.70	32.61	59.31	-14.69	74.00	Peak
3		2484.136	27.78	32.61	60.40	-13.60	74.00	Peak

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

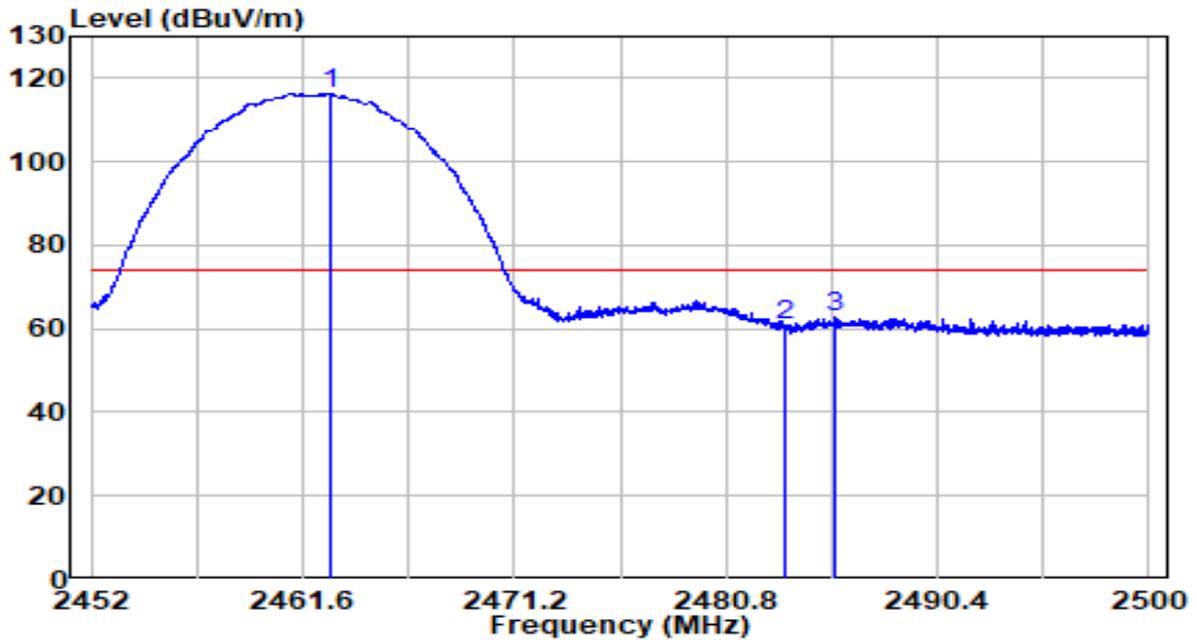| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	2461.192	76.80	32.52	109.31	N/A	N/A	Average
2		2483.500	16.03	32.61	48.64	-5.36	54.00	Average
3		2486.680	16.89	32.62	49.51	-4.49	54.00	Average

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

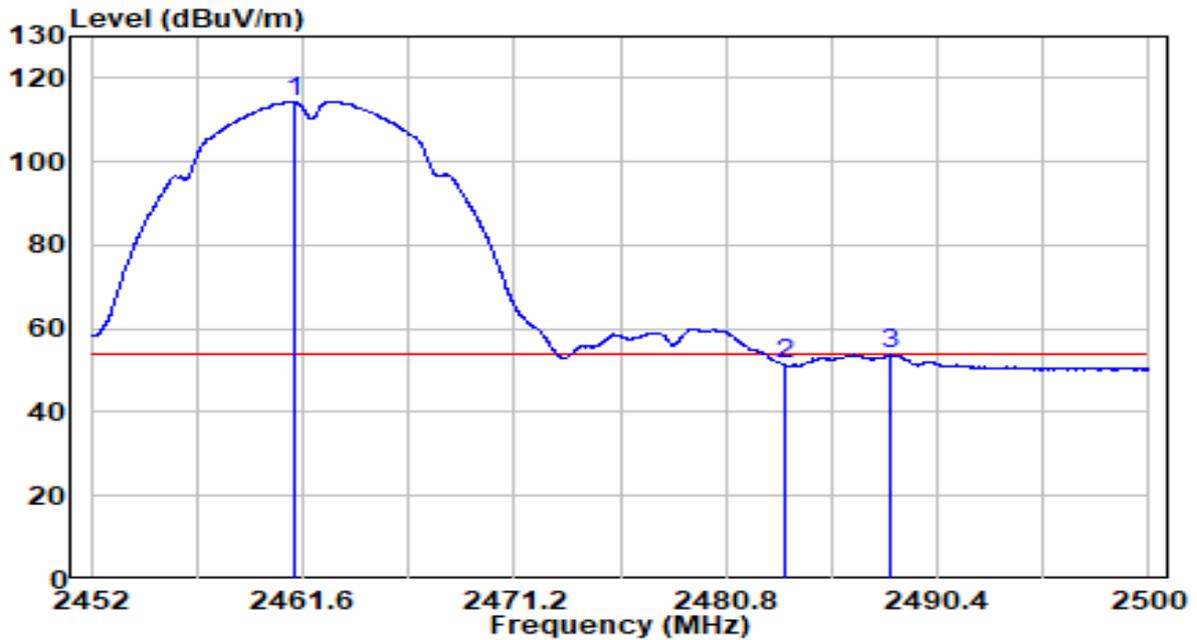| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	2462.896	83.94	32.52	116.47	N/A	N/A	Peak
2		2483.500	28.12	32.61	60.73	-13.27	74.00	Peak
3		2485.720	30.19	32.62	62.81	-11.19	74.00	Peak

Note:

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

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

3. Measurement(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

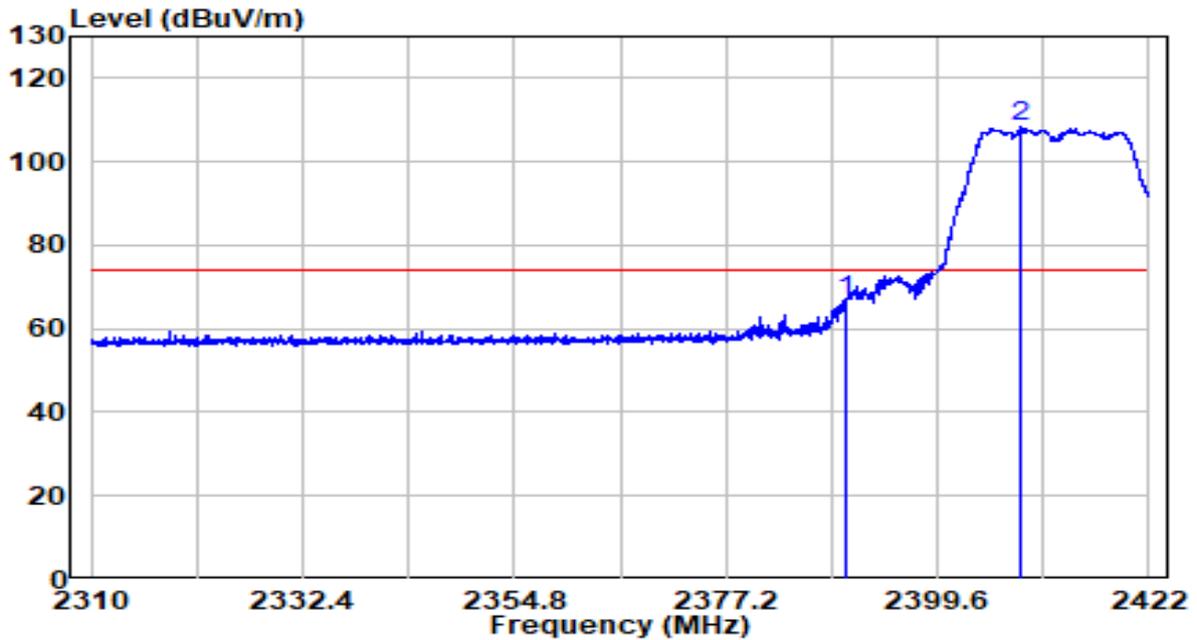| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2462MHz by 802.11b	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	2461.216	82.02	32.52	114.54	N/A	N/A	Average
2		2483.500	18.78	32.61	51.39	-2.61	54.00	Average
3		2488.264	21.17	32.63	53.80	-0.20	54.00	Average

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

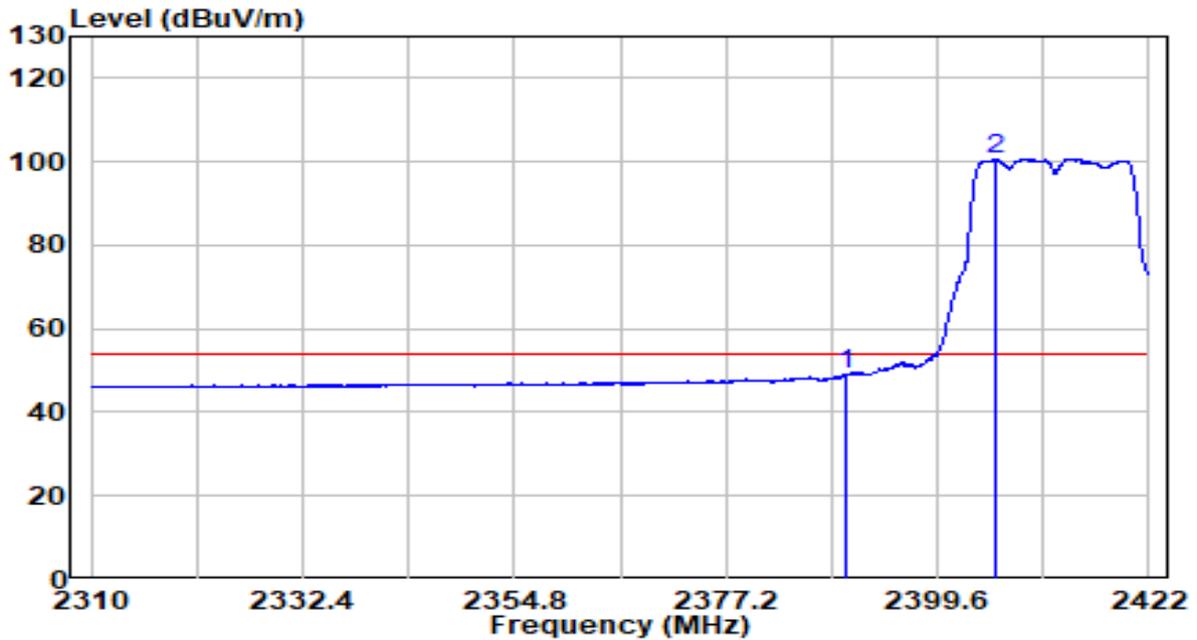| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2390.000	34.59	32.22	66.81	-7.19	74.00	Peak
2	*	2408.336	75.98	32.30	108.28	N/A	N/A	Peak

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

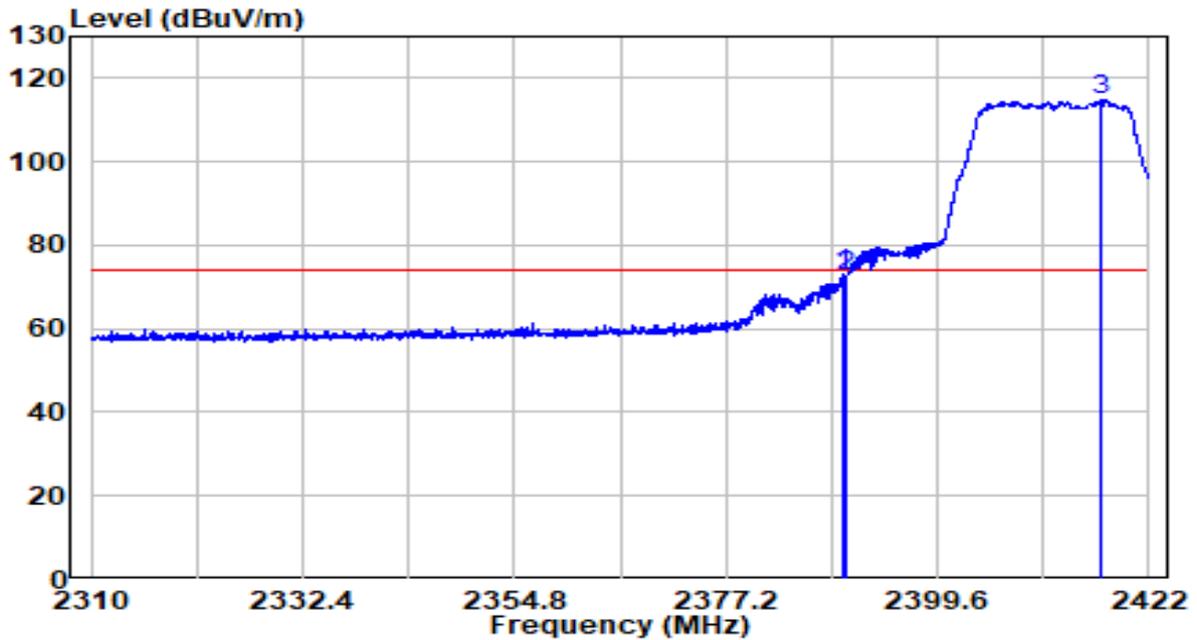| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2390.000	16.72	32.22	48.94	-5.06	54.00	Average
2	*	2405.872	68.51	32.28	100.79	N/A	N/A	Average

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

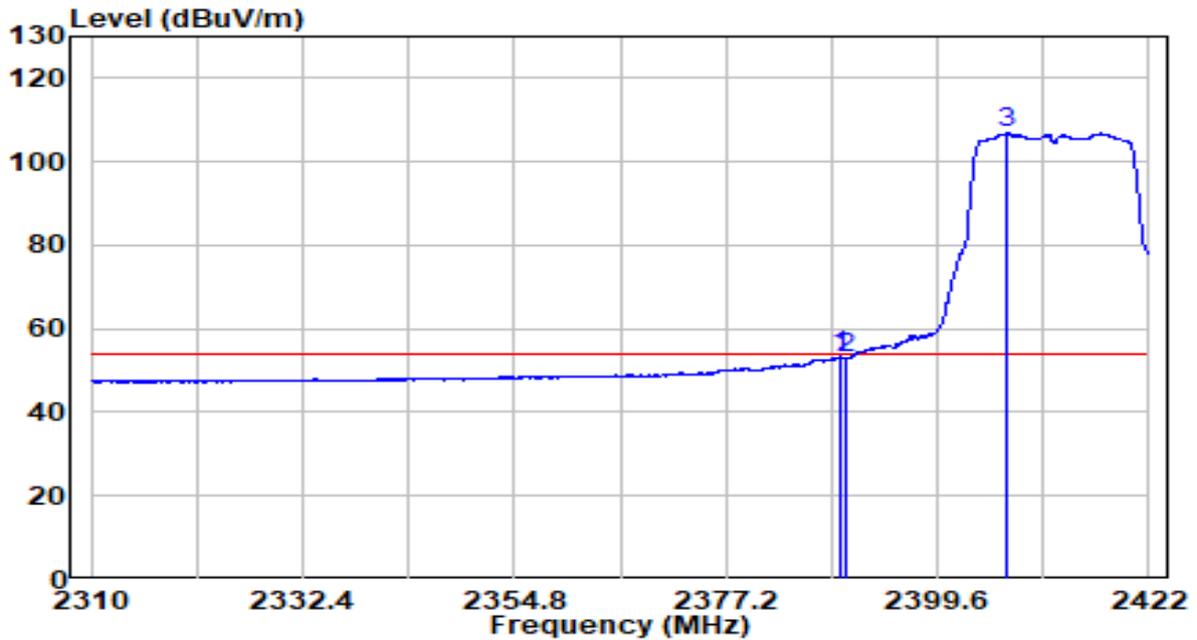| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2389.744	40.86	32.22	73.08	-0.92	74.00	Peak
2		2390.000	40.31	32.22	72.53	-1.47	74.00	Peak
3	*	2416.904	82.63	32.33	114.96	N/A	N/A	Peak

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

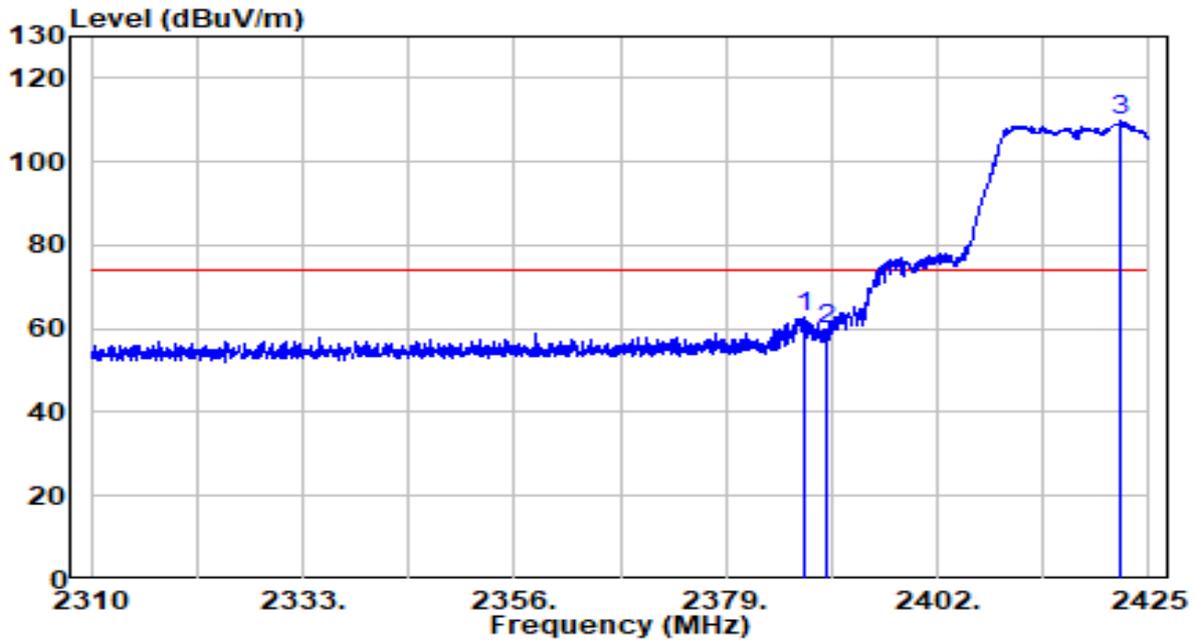| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-08
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.2℃/47.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2412MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2389.296	21.16	32.22	53.38	-0.62	54.00	Average
2		2390.000	20.87	32.22	53.09	-0.91	54.00	Average
3	*	2407.048	74.51	32.29	106.80	N/A	N/A	Average

Note:

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

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

3. Measurement(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

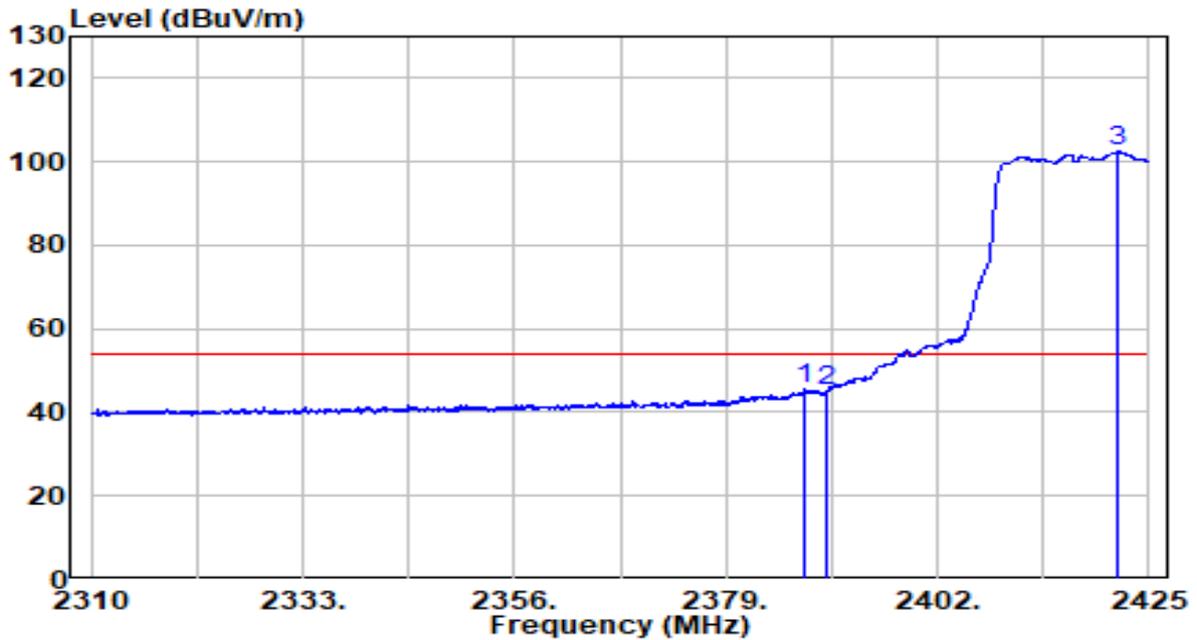| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2417MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2387.640	30.73	32.21	62.94	-11.06	74.00	Peak
2		2390.000	27.39	32.22	59.61	-14.39	74.00	Peak
3	*	2421.960	77.55	32.35	109.90	N/A	N/A	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(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

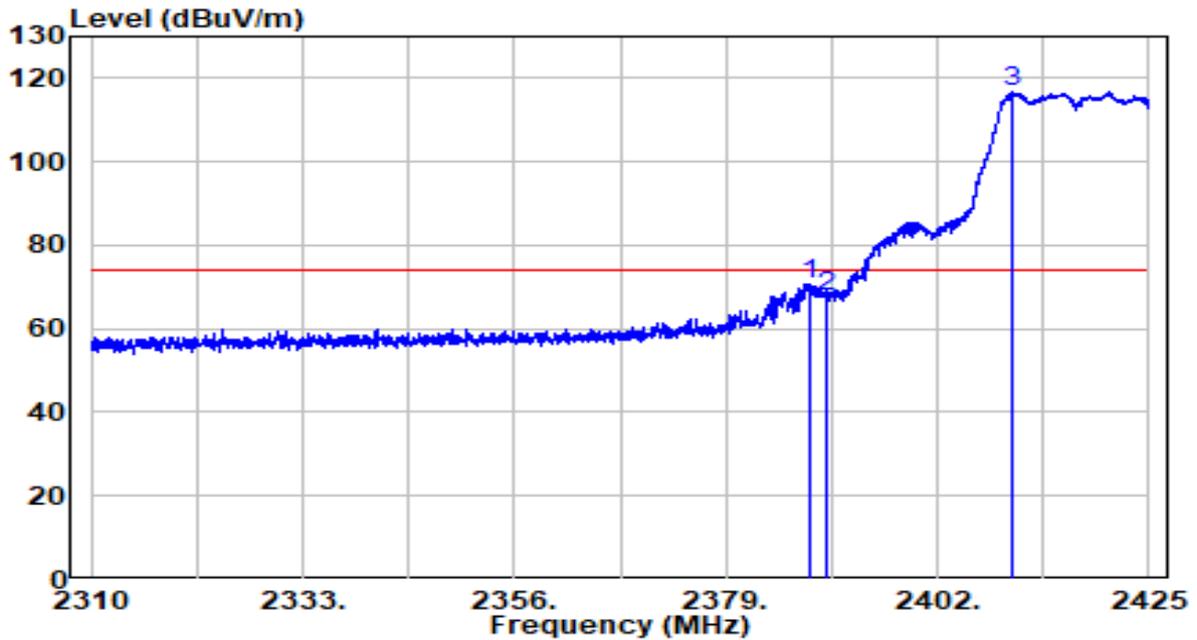| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2417MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2387.580	13.20	32.21	45.40	-8.60	54.00	Average
2		2390.000	12.87	32.22	45.09	-8.91	54.00	Average
3	*	2421.660	69.98	32.35	102.33	N/A	N/A	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(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

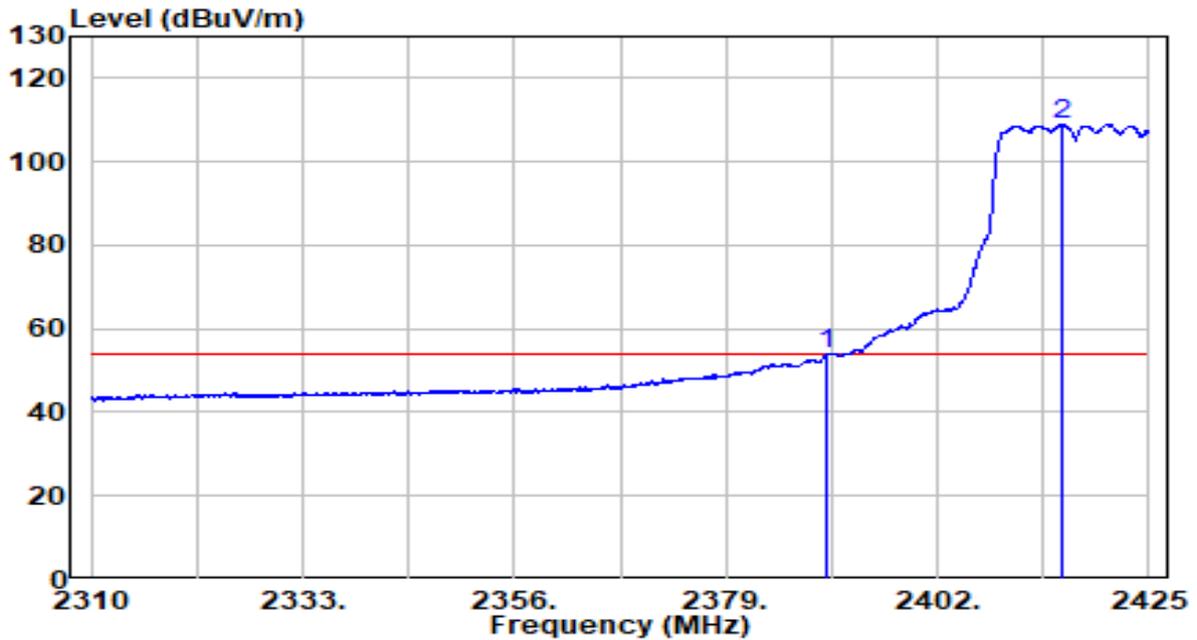| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2417MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		2388.120	38.55	32.21	70.76	-3.24	74.00	Peak
2		2390.000	35.64	32.22	67.85	-6.15	74.00	Peak
3	*	2410.140	84.47	32.30	116.77	N/A	N/A	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(dBμV/m) = Reading(dBμV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

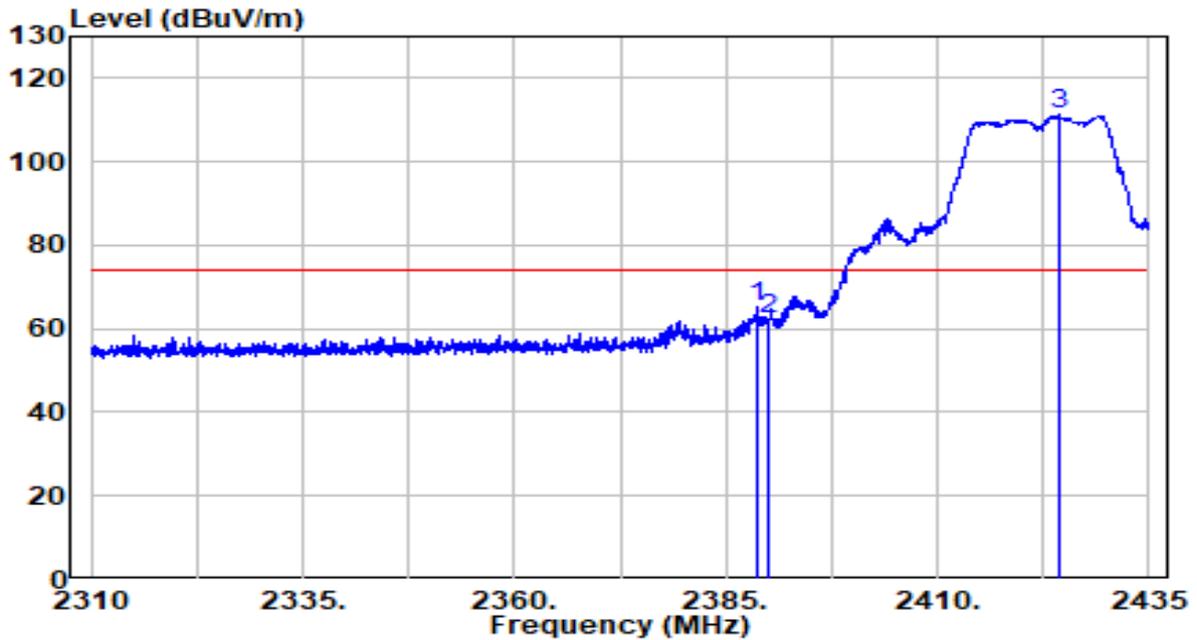| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2417MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2390.000	21.54	32.22	53.76	-0.24	54.00	Average
2	*	2415.600	76.47	32.33	108.80	N/A	N/A	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

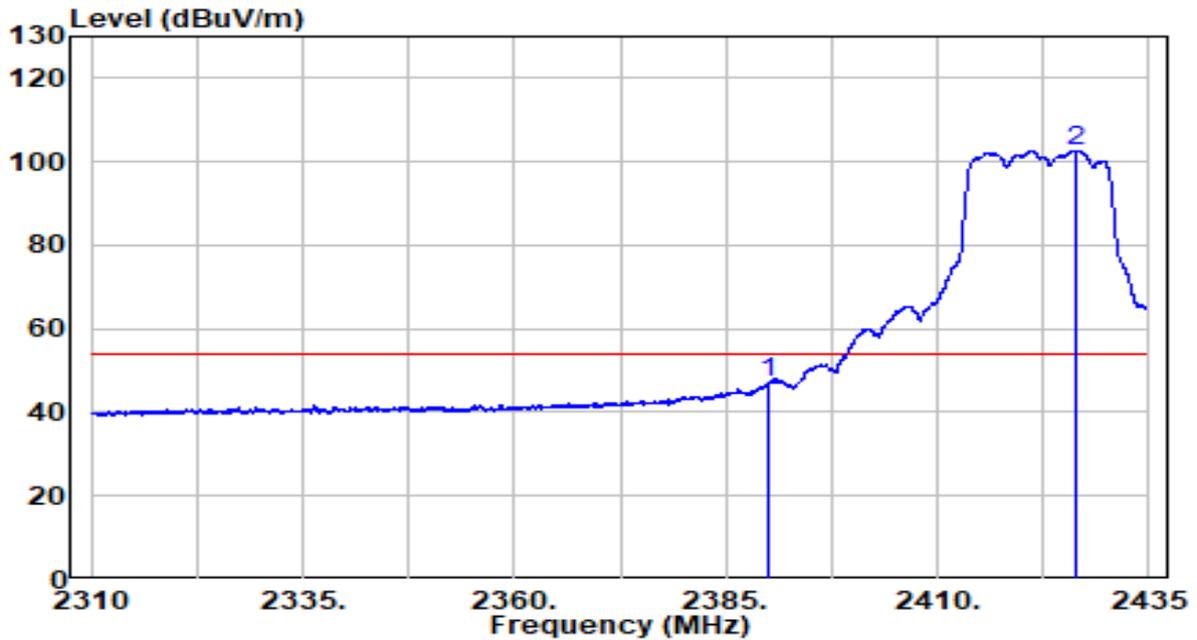| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2388.750	33.01	32.21	65.22	-8.78	74.00	Peak
2		2390.000	30.25	32.22	62.47	-11.53	74.00	Peak
3	*	2424.375	79.03	32.36	111.39	N/A	N/A	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

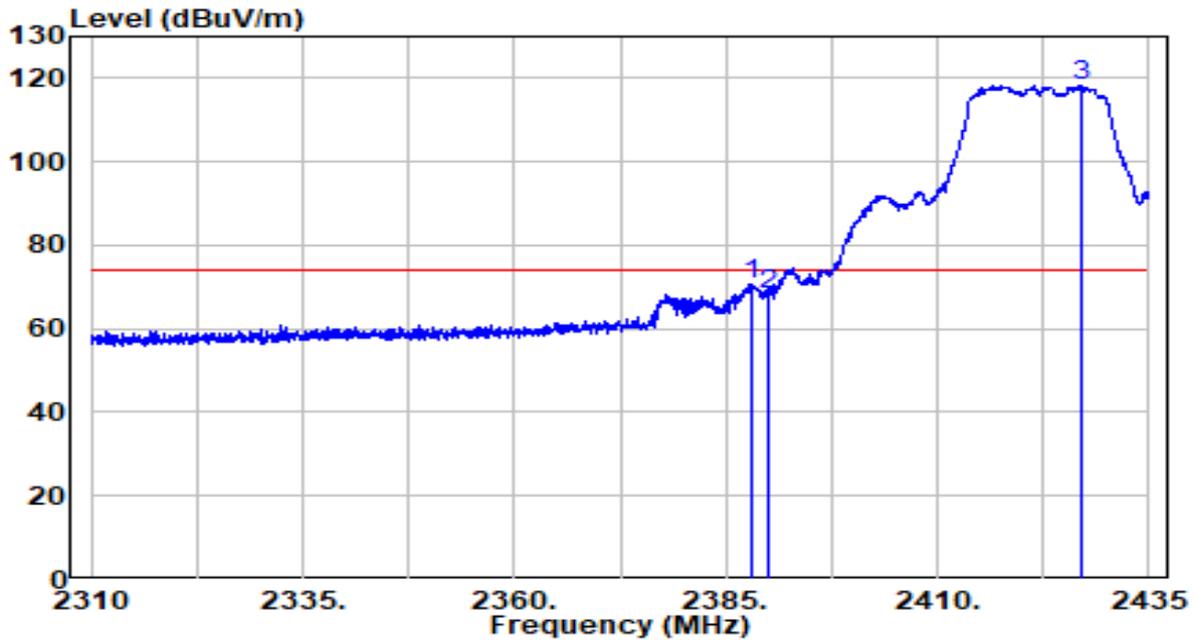| EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2390.000	14.86	32.22	47.08	-6.92	54.00	Average
2	*	2426.313	70.29	32.37	102.66	N/A	N/A	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-24
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	22.9℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 2422MHz by 802.11g	Test Voltage	120V / 60Hz

No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		2388.063	38.49	32.21	70.70	-3.30	74.00	Peak
2		2390.000	36.12	32.22	68.34	-5.66	74.00	Peak
3	*	2426.875	85.90	32.37	118.28	N/A	N/A	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(dBµV/m) = Reading(dBµV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.