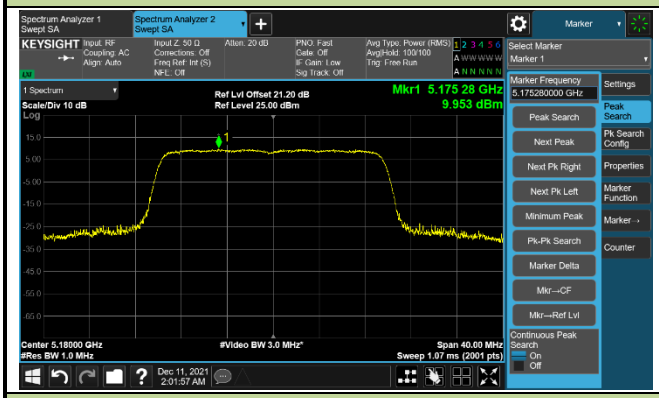
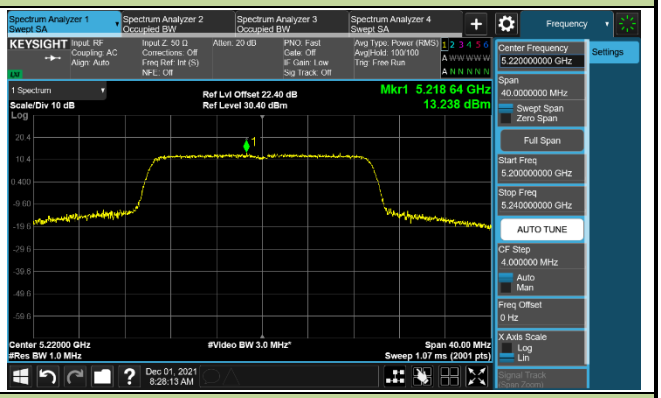
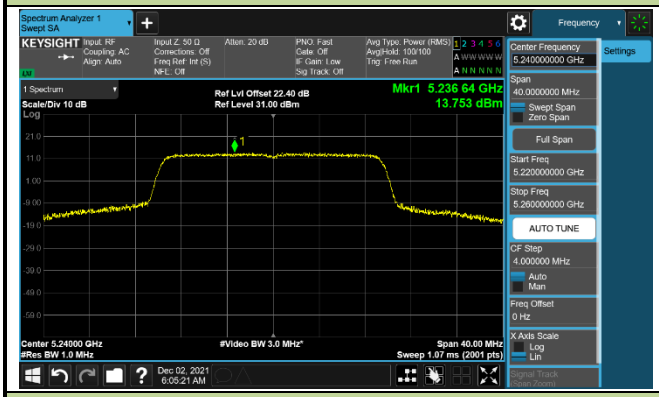
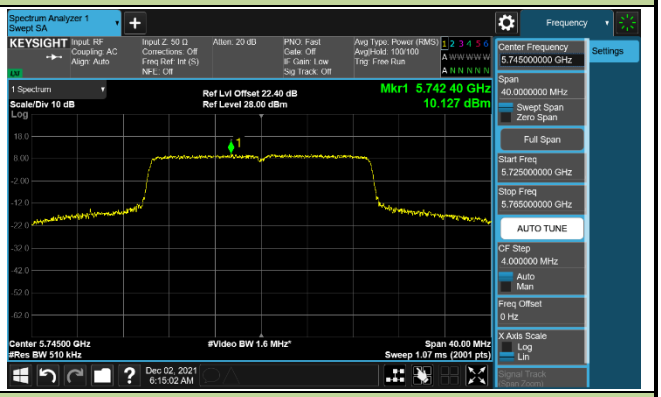
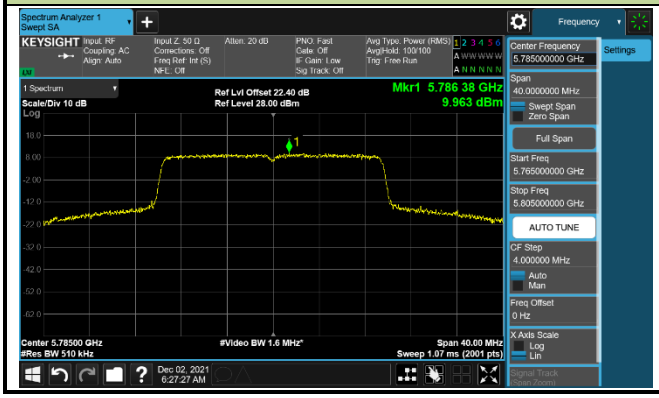
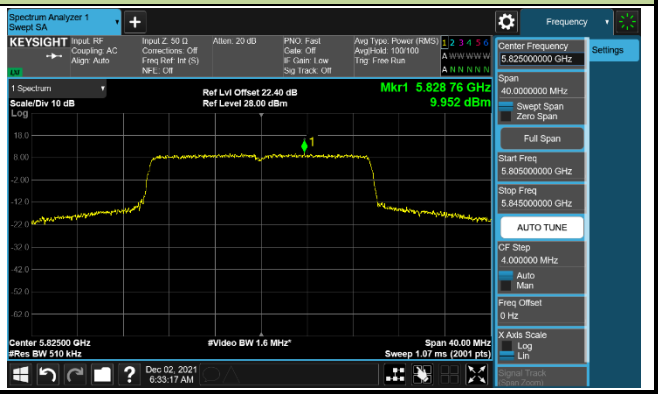
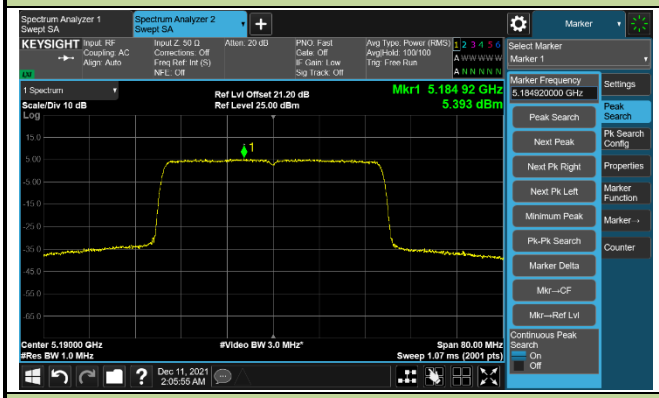
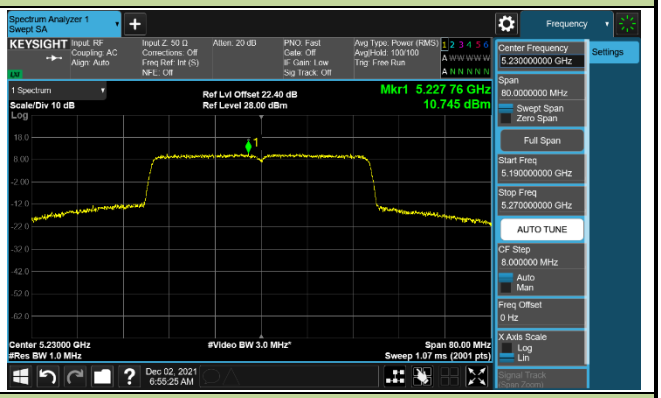
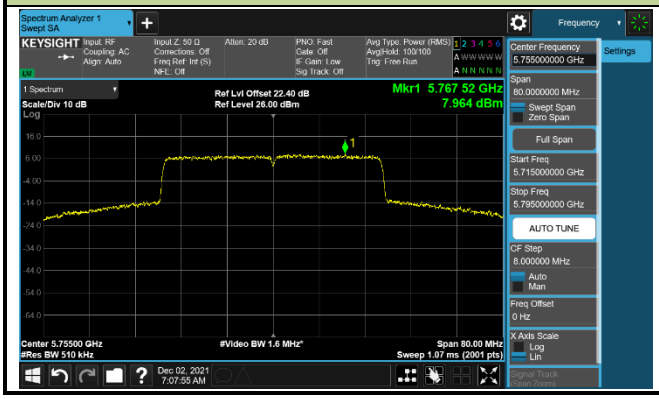
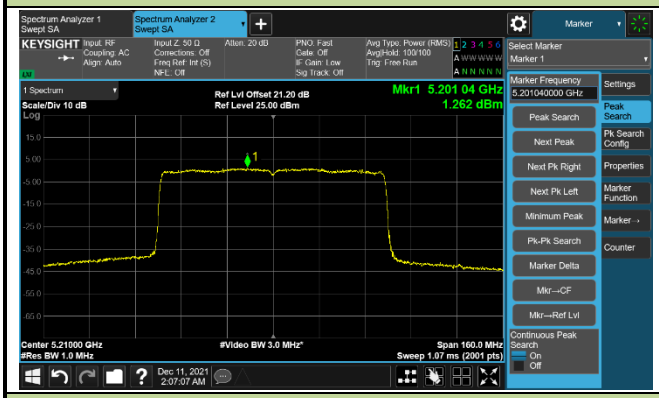
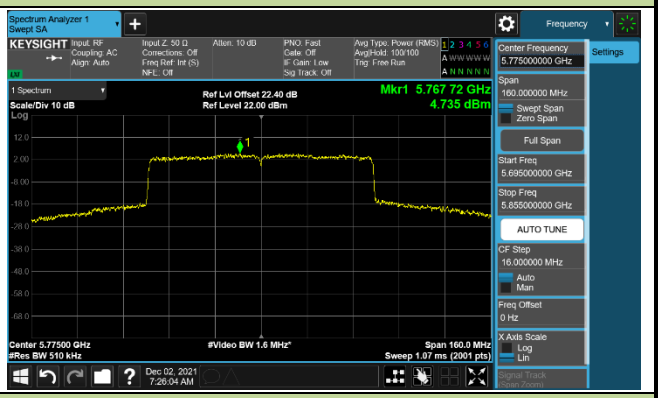
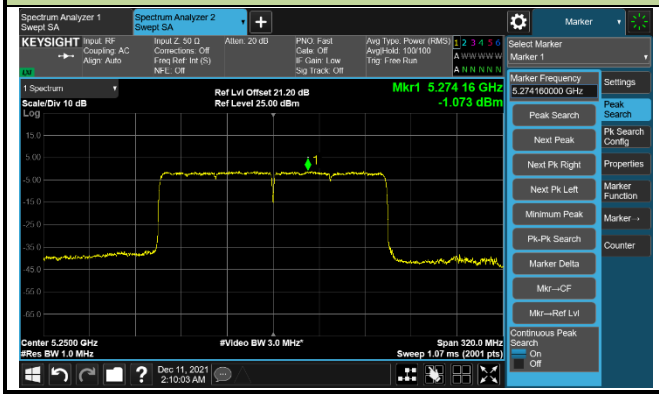
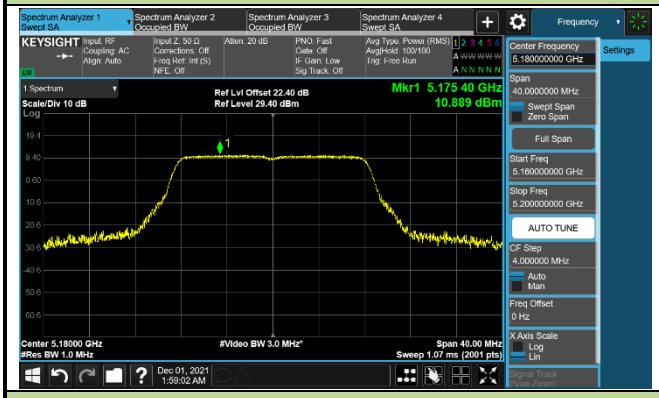
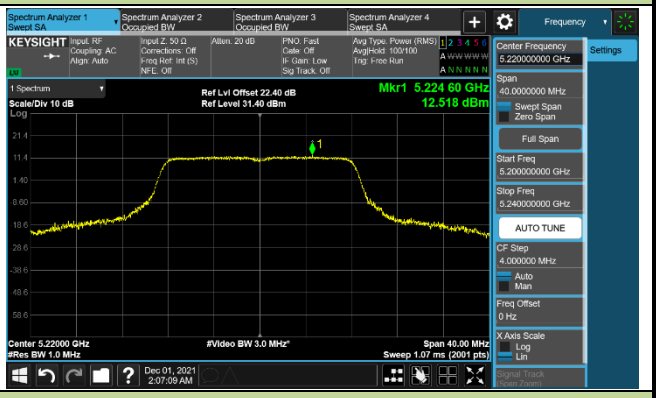
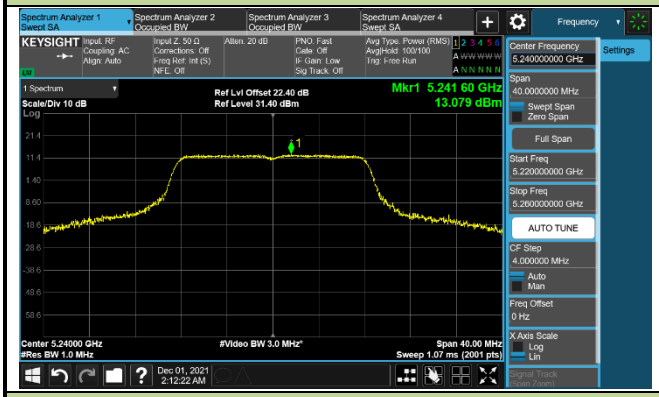
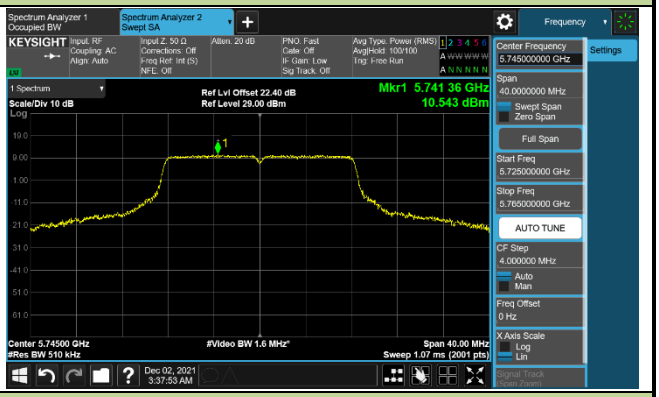
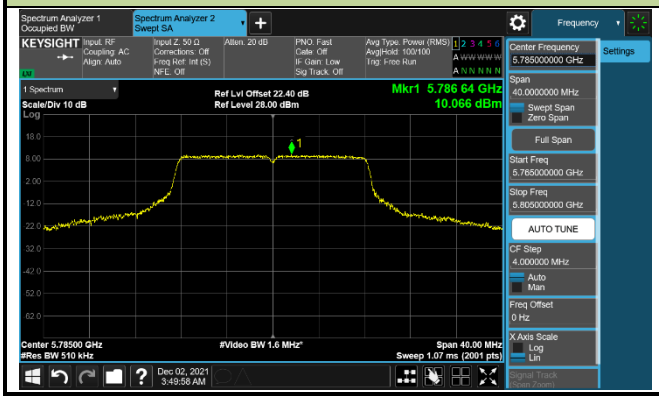
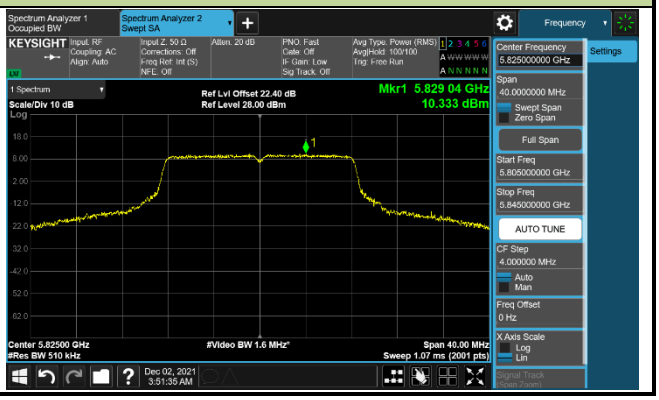
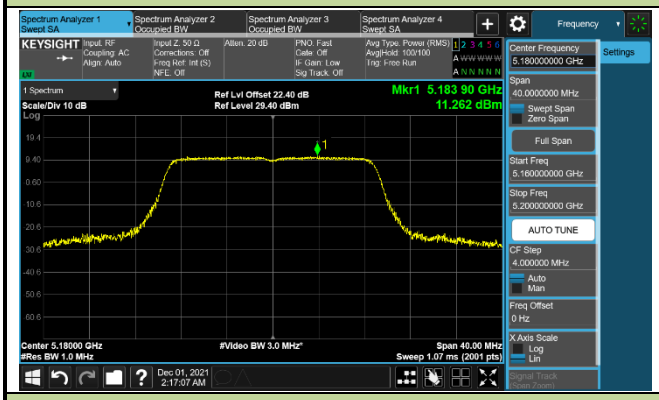
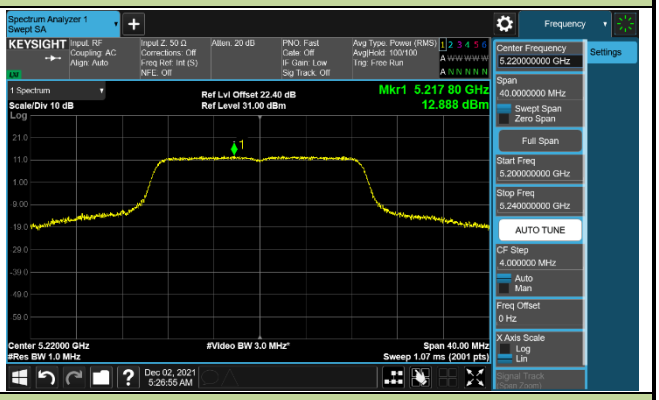
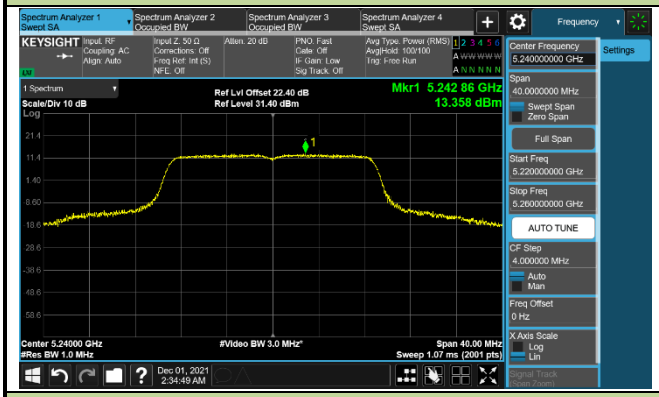
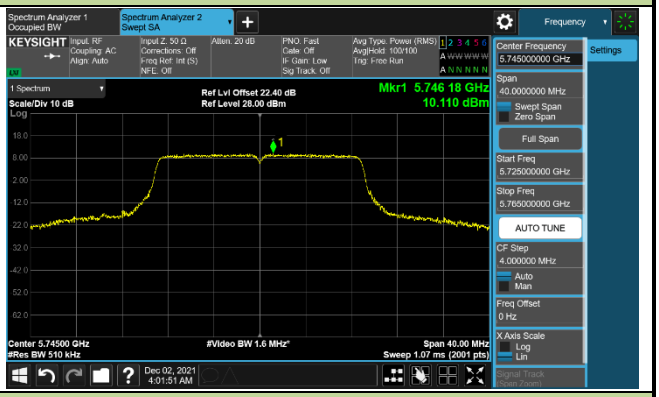
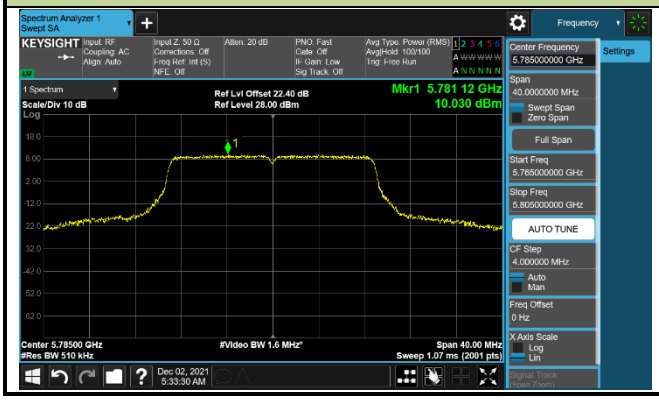
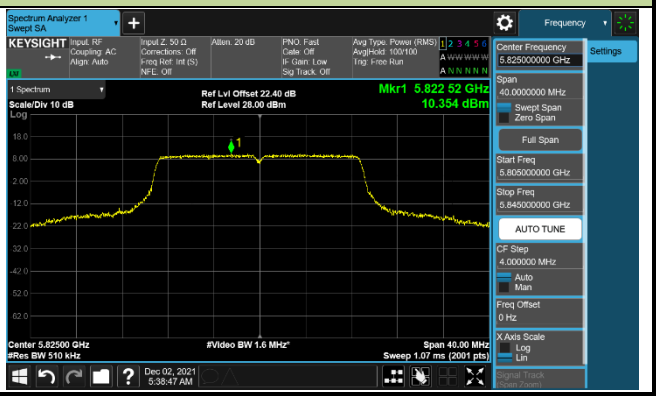
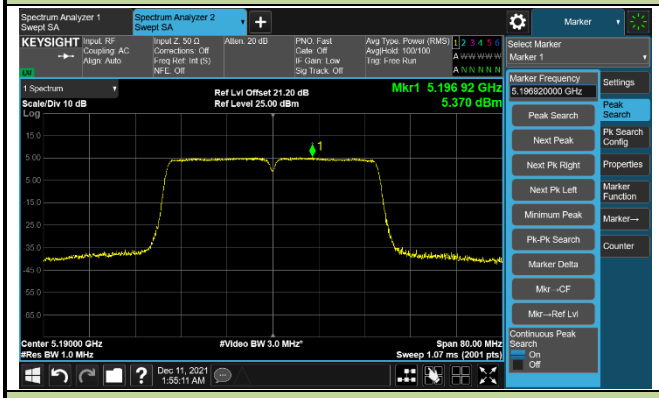
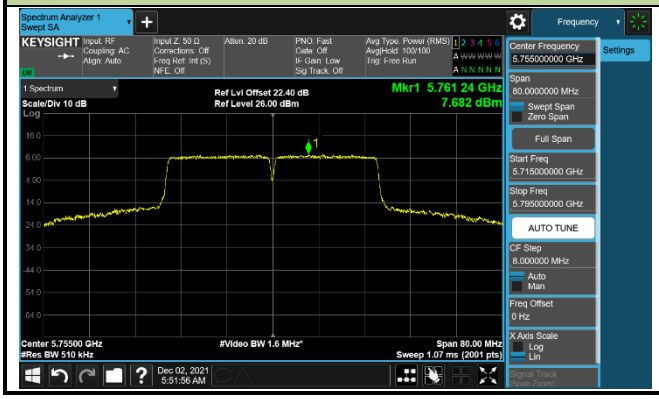
802.11ax-HE20 Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

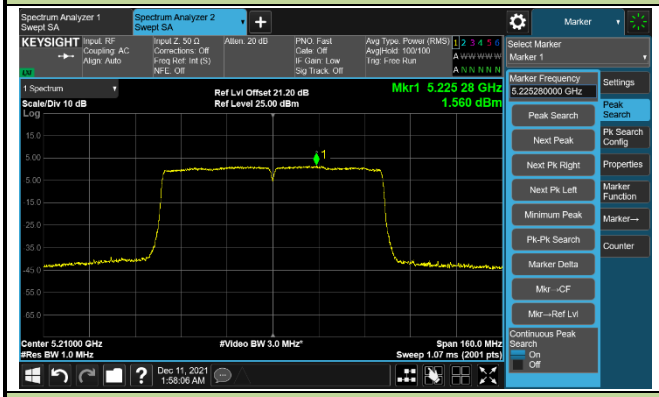
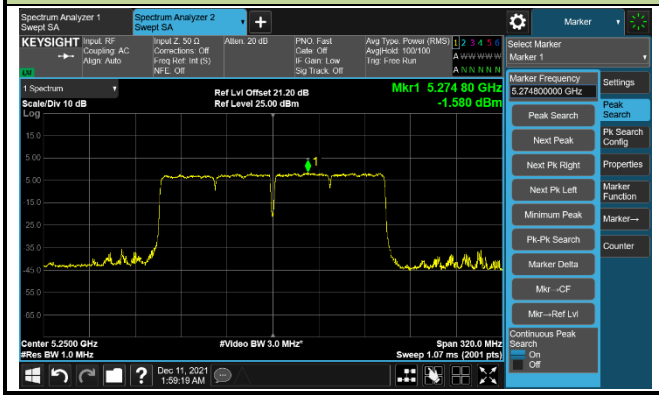
802.11ax-HE40 Power Spectral Density – Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density – Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	
802.11ax-HE160 Power Spectral Density – Ant 0	
Channel 50 (5250MHz)	
	

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)
	

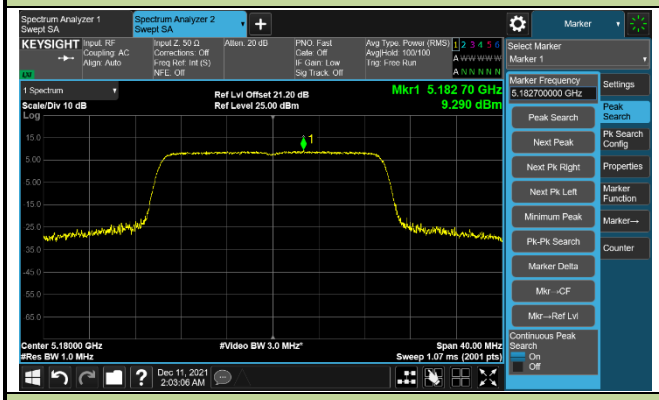
802.11ac-VHT20 Power Spectral Density – Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT40 Power Spectral Density – Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

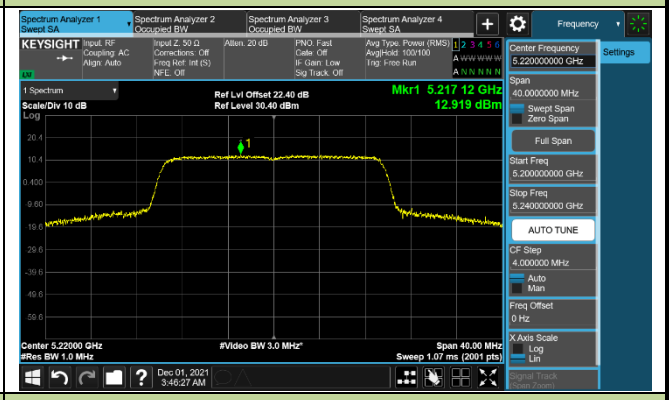
802.11ac-VHT80 Power Spectral Density – Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	
802.11ac-VHT160 Power Spectral Density – Ant 1	
Channel 50 (5250MHz)	
	

802.11ax-HE20 Power Spectral Density – Ant 1

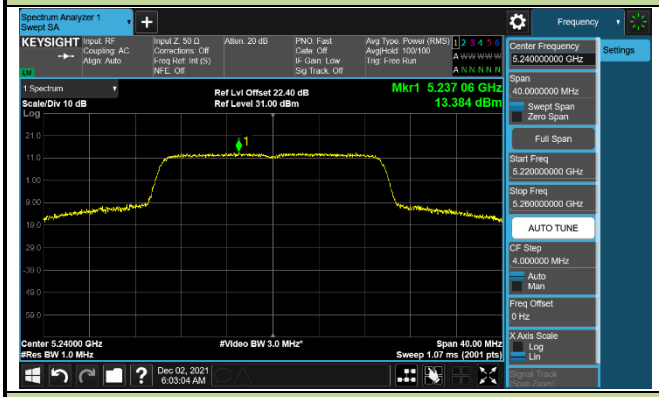
Channel 36 (5180MHz)



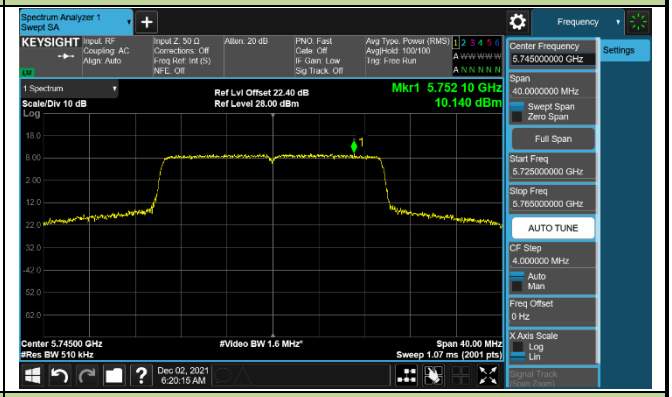
Channel 44 (5220MHz)



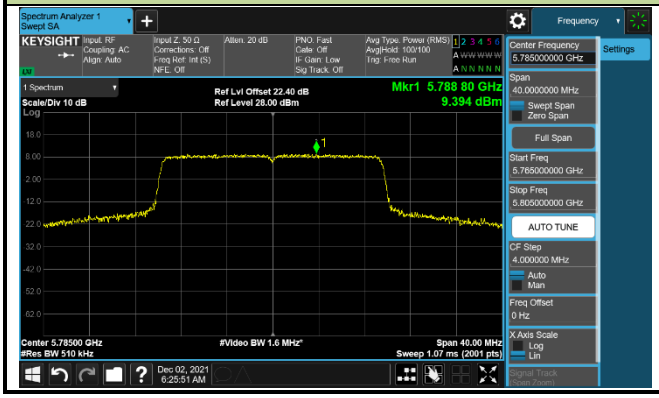
Channel 48 (5240MHz)



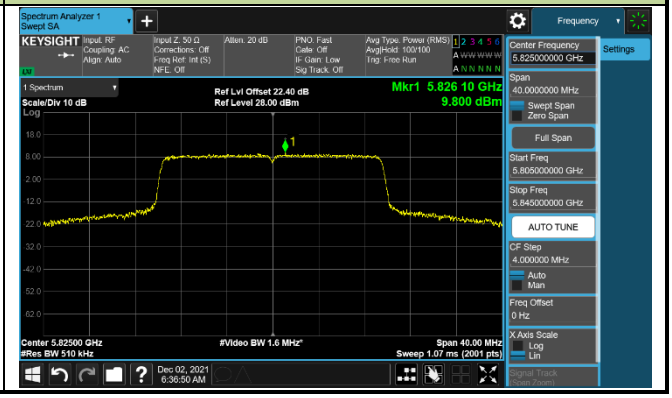
Channel 149 (5745MHz)

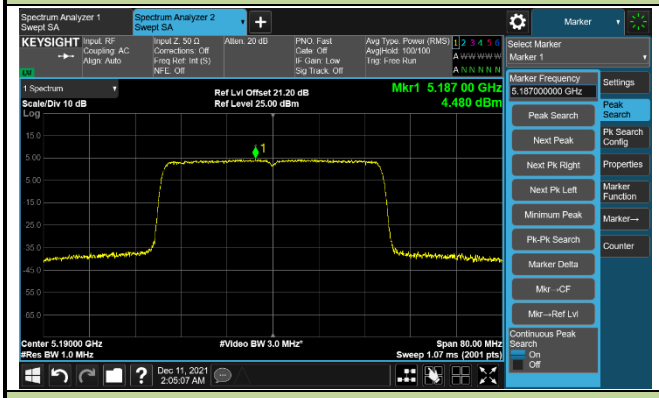
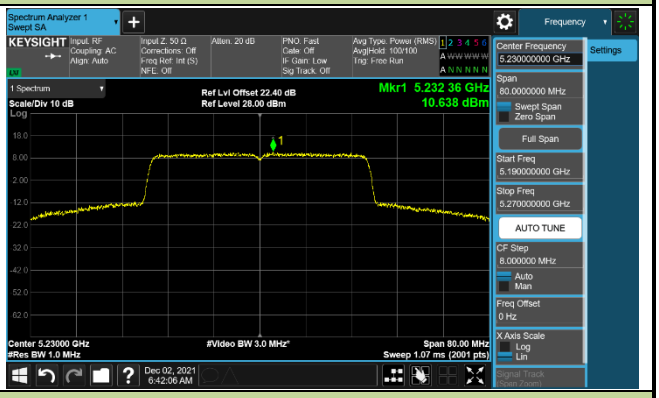
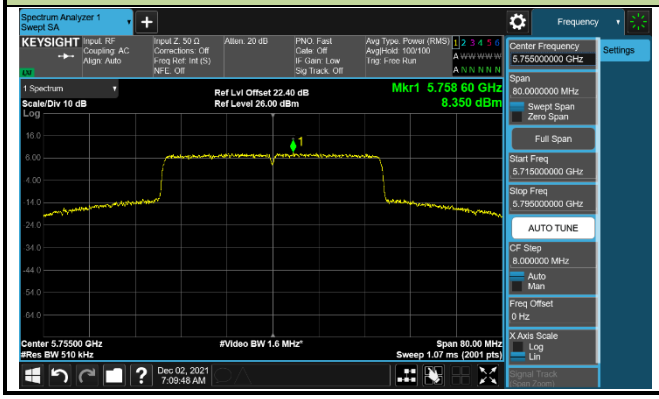
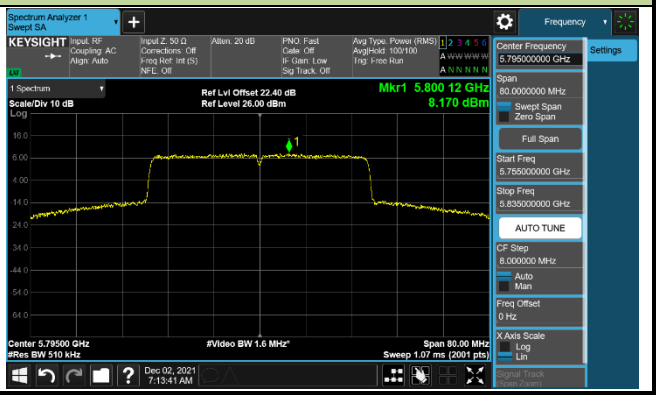


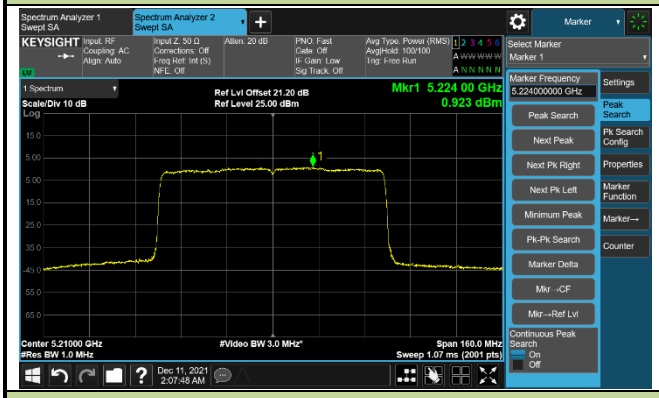
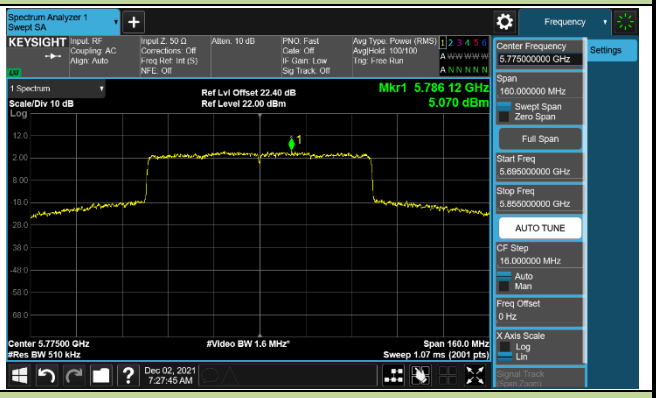
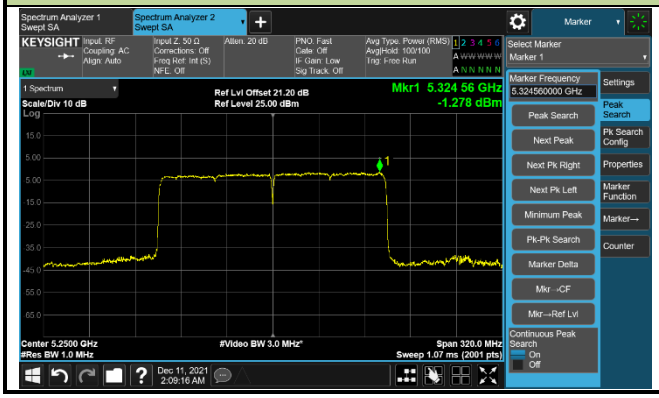
Channel 157 (5785MHz)



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)
	
802.11ax-HE160 Power Spectral Density – Ant 1	
Channel 50 (5250MHz)	
	

7.7. Frequency Stability Measurement

7.7.1.Test Limit

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

The transmitter center frequency tolerance shall be ±20 ppm maximum for the 5GHz band (IEEE 802.11 specification).

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

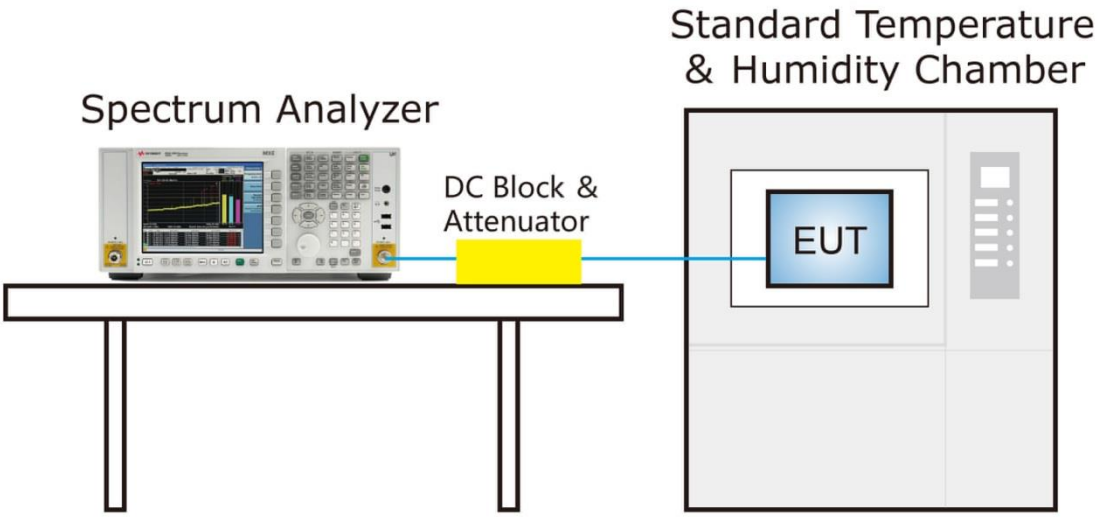
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

7.7.3.Test Setup



7.7.4.Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 System	Test Engineer	Eric Lin
Test Site	SR2	Test Date	2021/12/27
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	-30	0.23	0.25	0.64	0.87
		-20	-1.05	-0.84	-0.52	-0.25
		-10	-2.28	-1.97	-1.73	-1.28
		0	-4.89	-4.77	-2.80	-2.54
		+ 10	-7.59	-7.44	-7.30	-7.15
		+ 20	-8.61	-8.53	-8.41	-7.85
		+ 30	-10.48	-8.83	-8.78	-8.66
		+ 40	-10.90	-10.78	-10.73	-10.70
		+ 50	-10.37	-10.54	-10.74	-10.82
115%	138	+ 20	-6.14	-5.82	-5.50	-5.21
85%	102	+ 20	-7.03	-6.87	-6.54	-6.36

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10^6.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.8.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

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

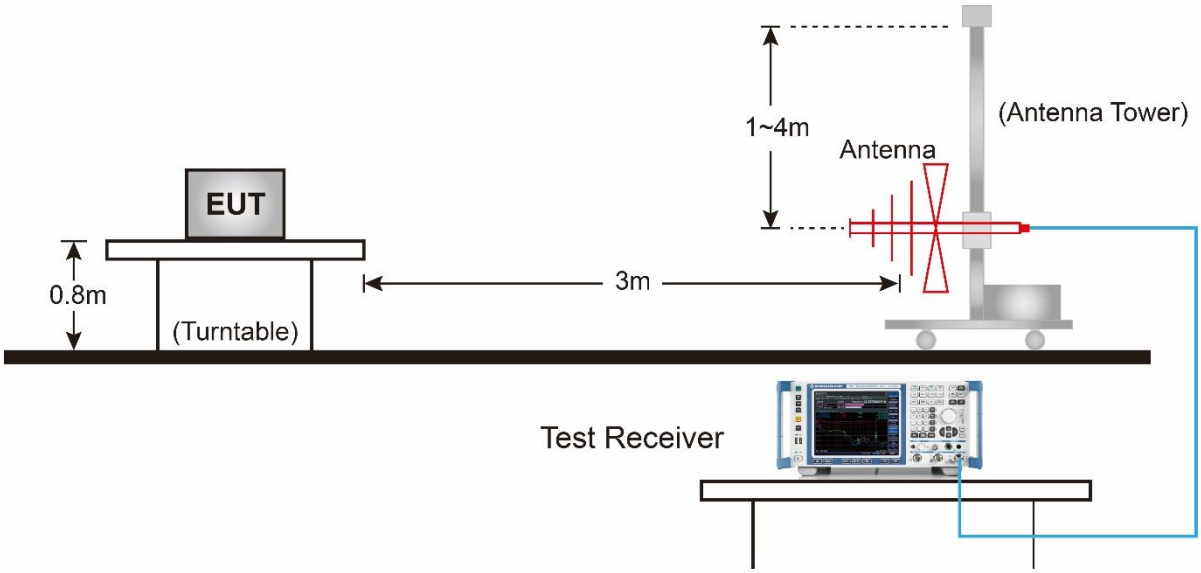
Average Measurements above 1GHz (Method VB)

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

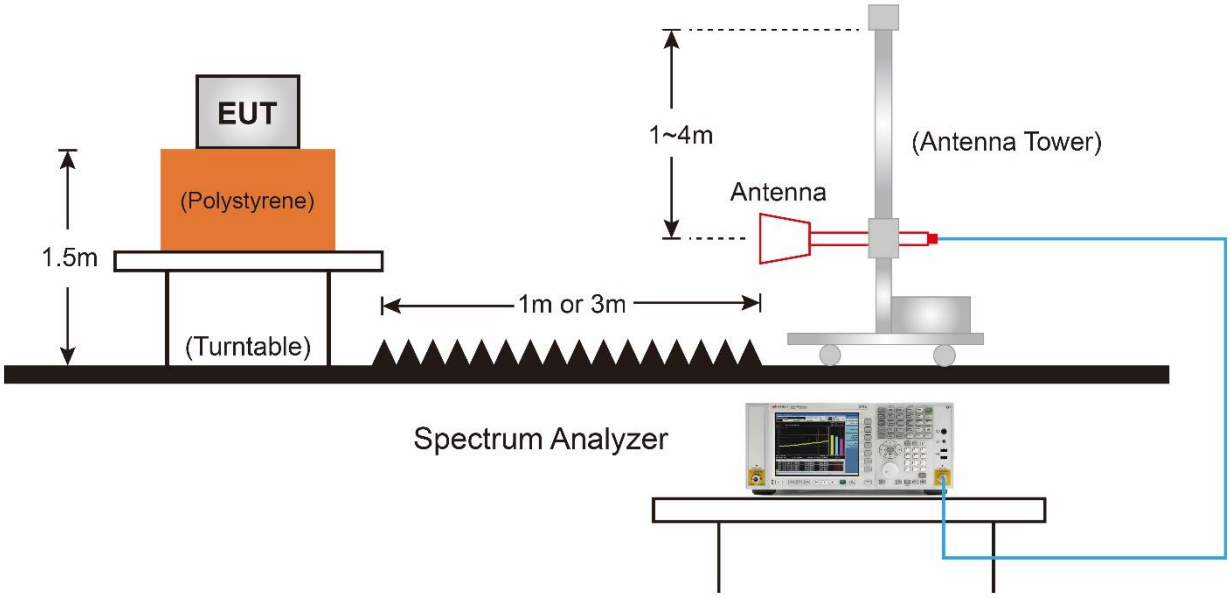
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:

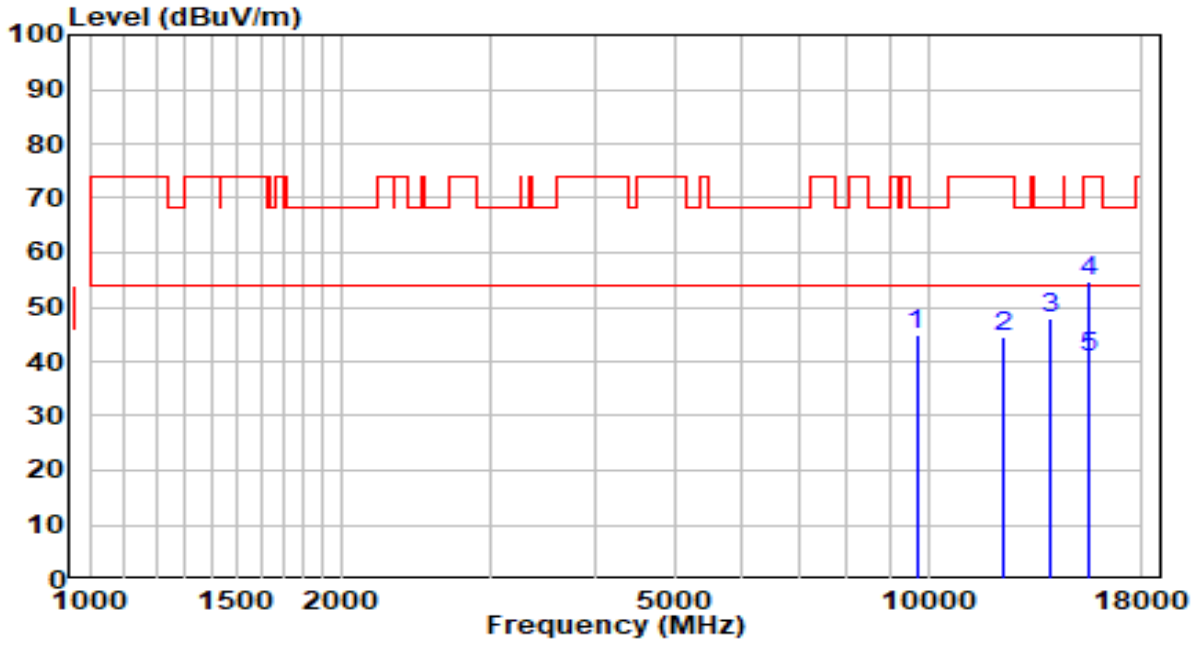


Above 1GHz Test Setup:



7.8.5.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	Test Voltage	120V/60Hz

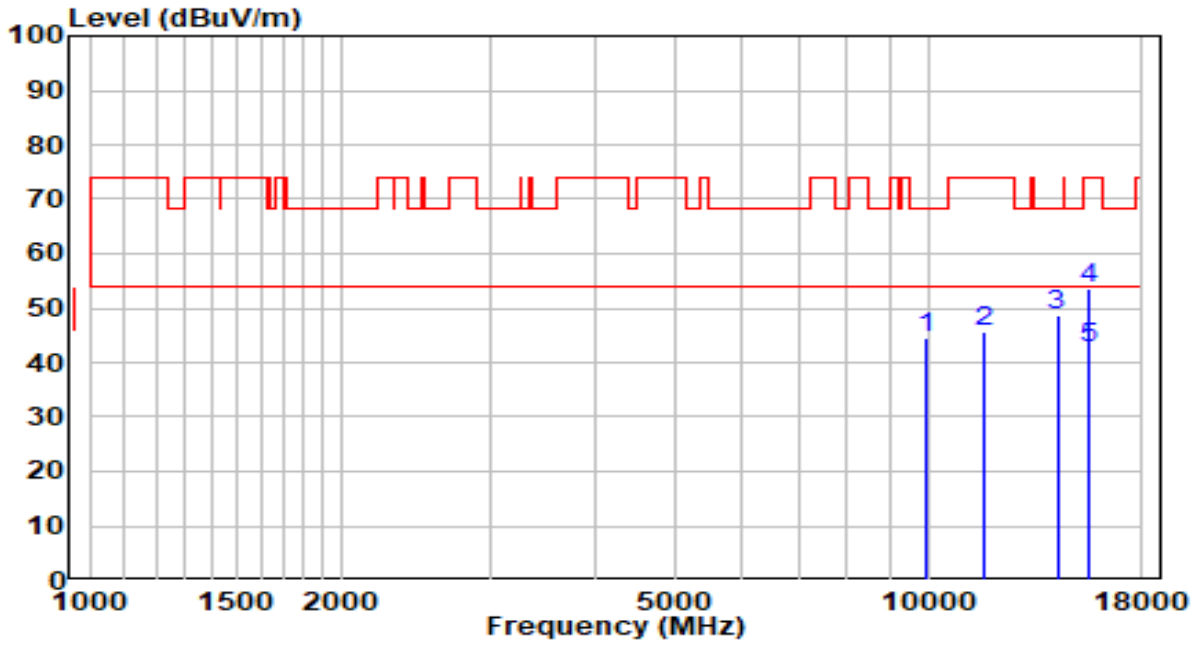


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		9687.000	28.83	16.03	44.86	-23.34	68.20	Peak
2		12262.500	26.03	18.65	44.68	-29.32	74.00	Peak
3		13971.000	25.61	22.39	48.00	-20.20	68.20	Peak
4		15543.500	33.62	21.24	54.86	-19.14	74.00	Peak
5	*	15543.500	19.66	21.24	40.90	-13.10	54.00	Average

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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	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		9967.500	27.85	16.51	44.36	-23.84	68.20	Peak
2		11650.500	25.87	19.71	45.58	-28.42	74.00	Peak
3		14251.500	26.10	22.44	48.54	-19.66	68.20	Peak
4		15543.500	32.22	21.24	53.46	-20.54	74.00	Peak
5	*	15543.500	21.57	21.24	42.81	-11.19	54.00	Average

Note:

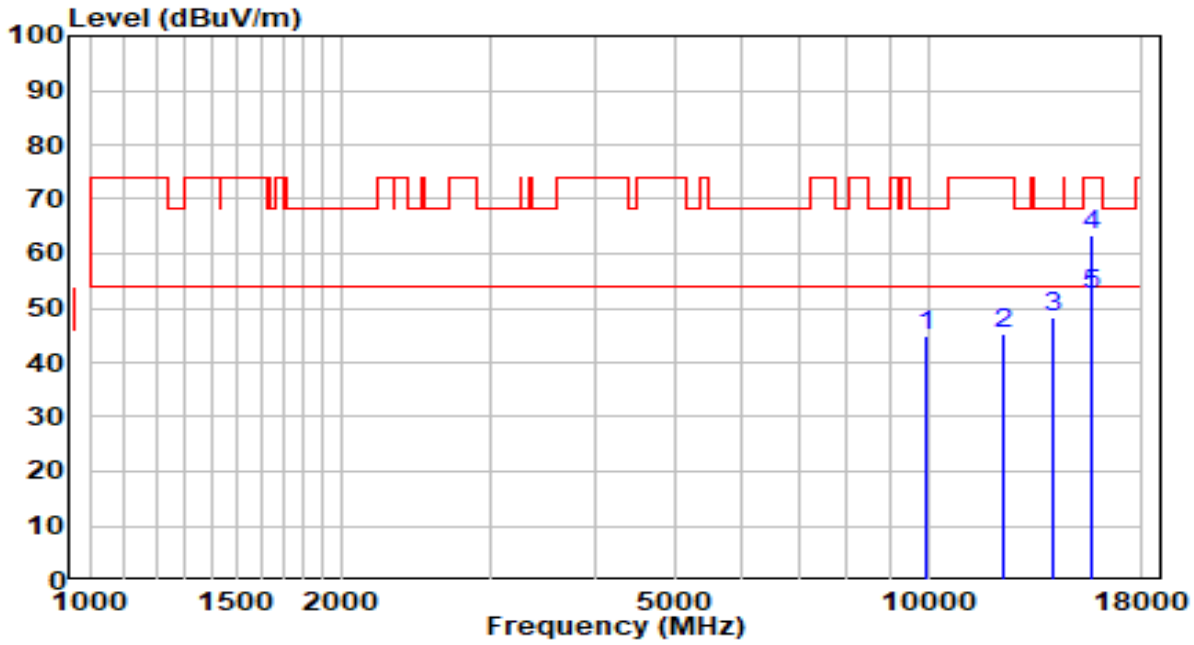
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz by 802.11a	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		9959.000	28.53	16.49	45.02	-23.18	68.20	Peak
2		12262.500	26.70	18.65	45.35	-28.65	74.00	Peak
3		14141.000	25.74	22.43	48.17	-20.03	68.20	Peak
4		15662.500	42.60	20.95	63.54	-10.46	74.00	Peak
5	*	15662.500	31.32	20.95	52.27	-1.73	54.00	Average

Note:

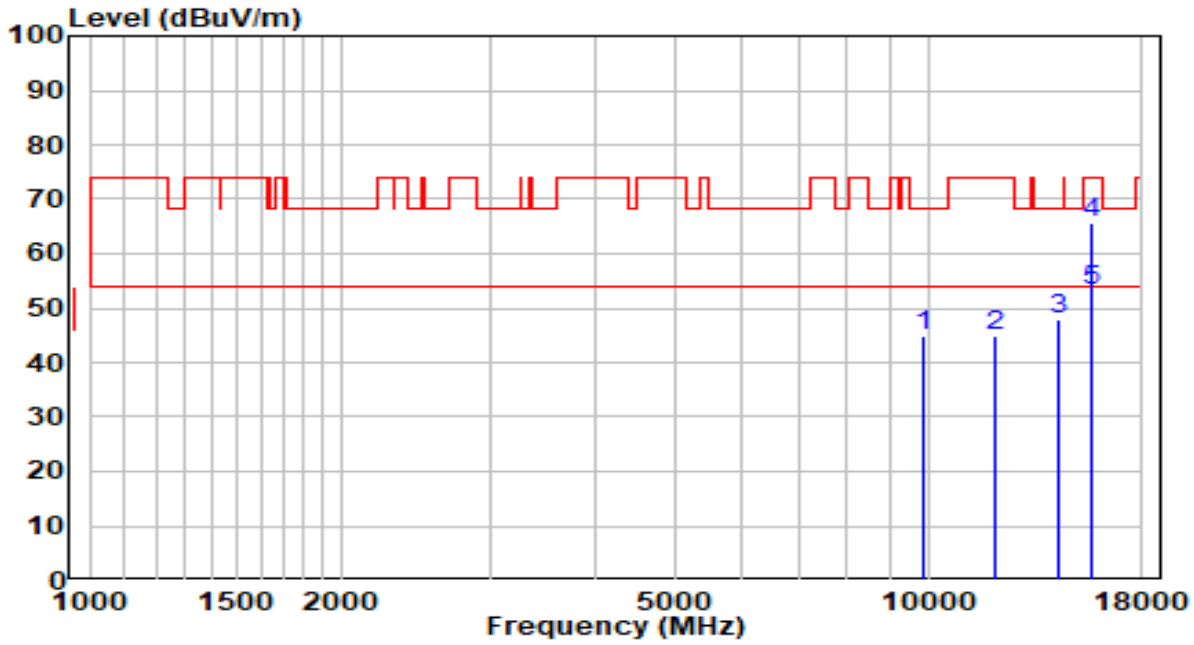
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz by 802.11a	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		9848.500	28.58	16.31	44.88	-23.32	68.20	Peak
2		11999.000	25.92	18.92	44.84	-29.16	74.00	Peak
3		14268.500	25.67	22.44	48.11	-20.09	68.20	Peak
4		15671.000	44.59	20.93	65.51	-8.49	74.00	Peak
5	*	15671.000	32.25	20.93	53.18	-0.82	54.00	Average

Note:

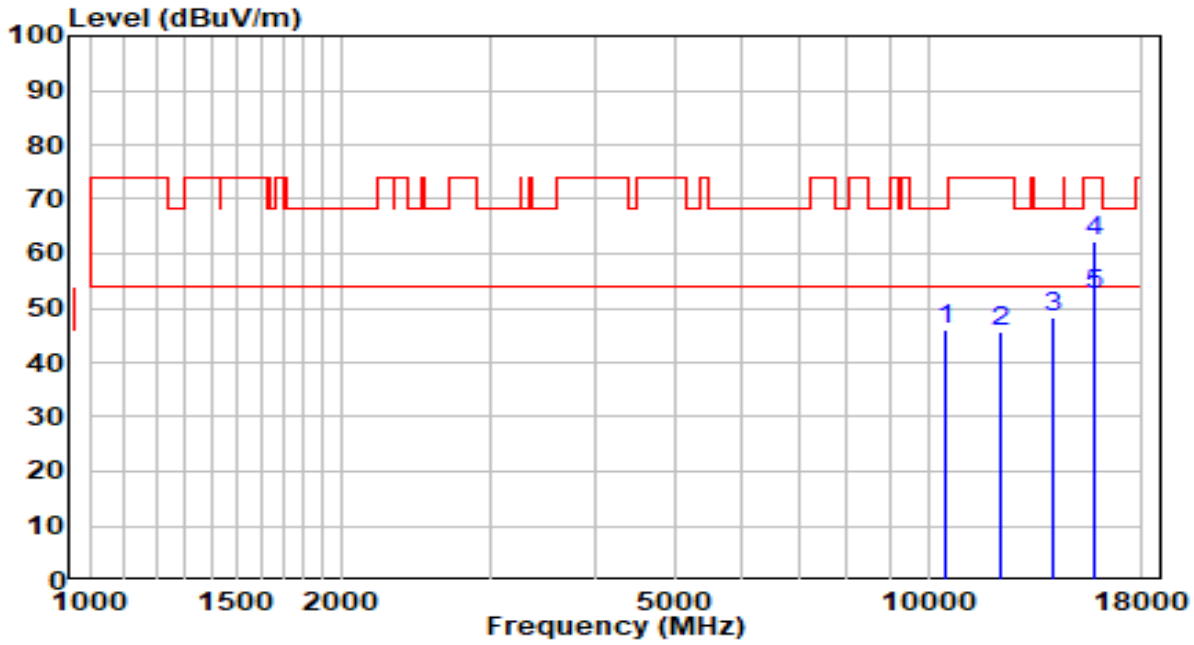
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz by 802.11a	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		10469.000	27.71	18.45	46.15	-22.05	68.20	Peak
2		12186.000	27.08	18.73	45.81	-28.19	74.00	Peak
3		14141.000	26.01	22.43	48.44	-19.76	68.20	Peak
4		15730.500	41.63	20.78	62.41	-11.59	74.00	Peak
5	*	15730.500	31.62	20.78	52.40	-1.60	54.00	Average

Note:

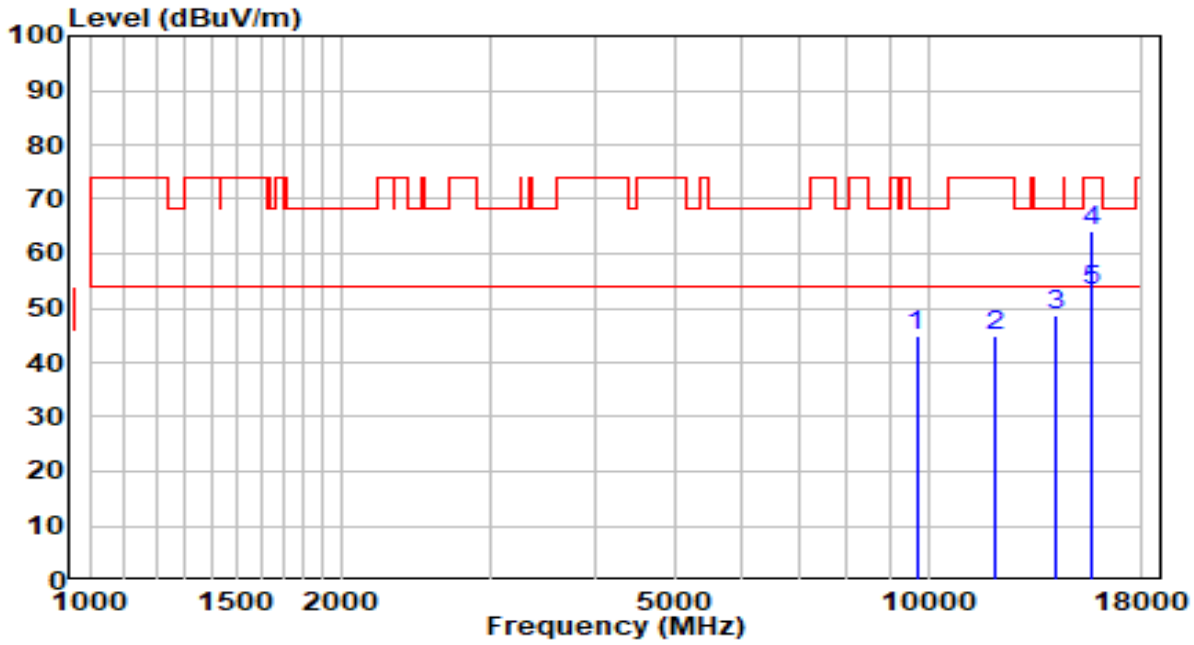
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz by 802.11a	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		9687.000	28.94	16.03	44.97	-23.23	68.20	Peak
2		12016.000	26.01	18.90	44.91	-29.09	74.00	Peak
3		14234.500	26.34	22.44	48.78	-19.42	68.20	Peak
4		15722.000	43.21	20.80	64.01	-9.99	74.00	Peak
5	*	15722.000	32.54	20.80	53.34	-0.66	54.00	Average

Note:

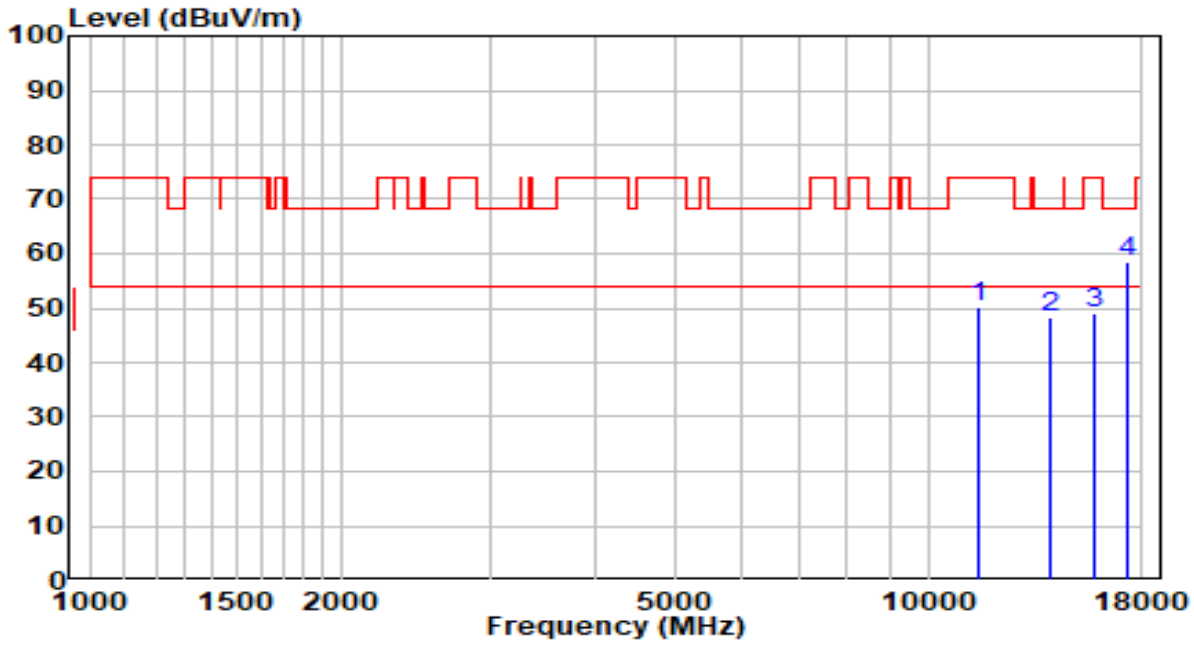
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	Test Voltage	120V/60Hz

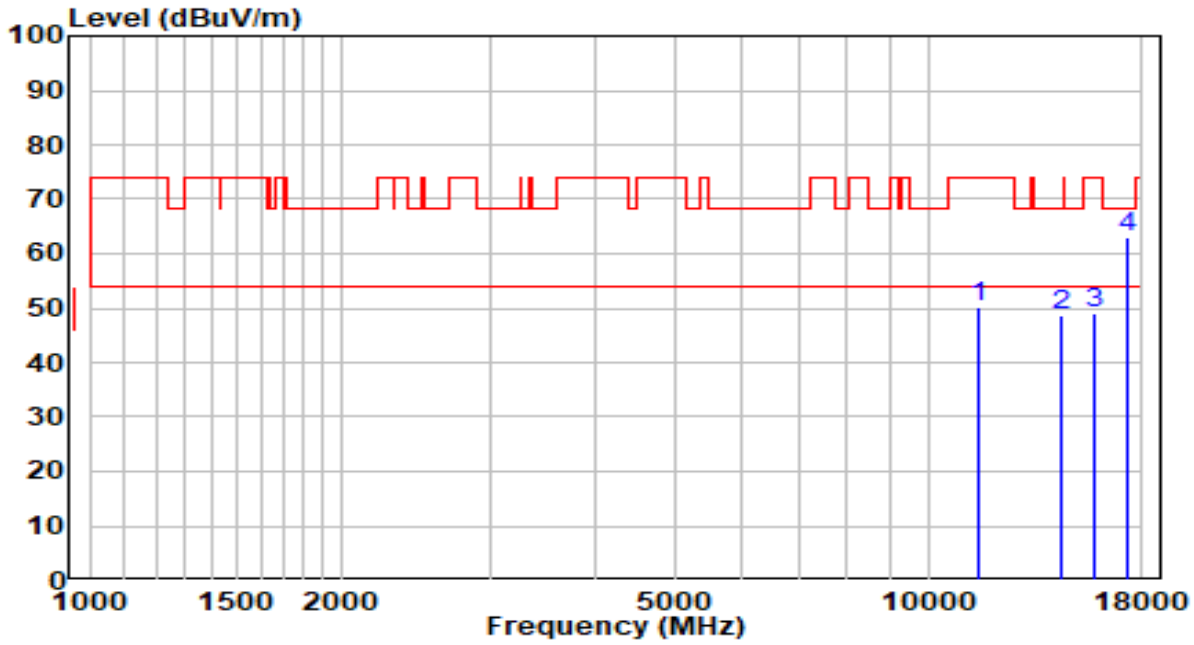


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	30.22	20.03	50.25	-23.75	74.00	Peak
2		13988.000	25.84	22.41	48.25	-19.95	68.20	Peak
3		15815.500	28.31	20.57	48.88	-25.12	74.00	Peak
4	*	17235.000	32.47	26.08	58.55	-9.65	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	Test Voltage	120V/60Hz

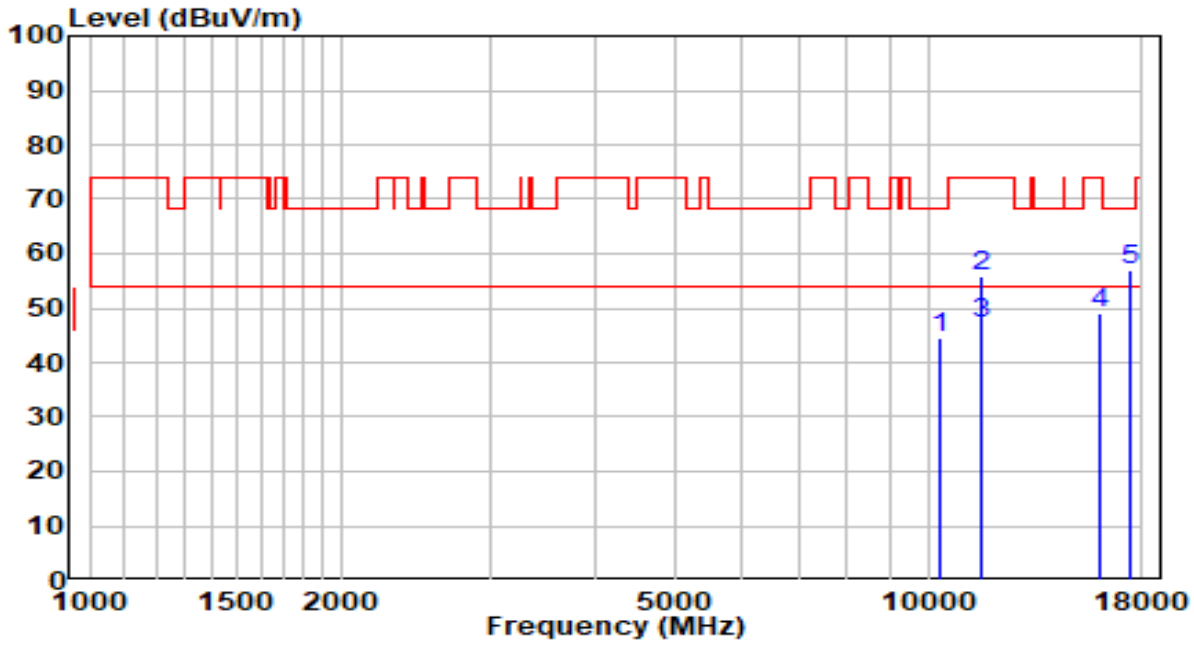


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	30.29	20.03	50.32	-23.68	74.00	Peak
2		14370.500	26.36	22.45	48.81	-19.39	68.20	Peak
3		15815.500	28.49	20.57	49.06	-24.94	74.00	Peak
4	*	17235.000	36.97	26.08	63.05	-5.15	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz by 802.11a	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		10307.500	26.91	17.80	44.71	-23.49	68.20	Peak
2		11565.500	35.88	19.90	55.78	-18.22	74.00	Peak
3	*	11565.500	27.10	19.90	47.00	-7.00	54.00	Average
4		16062.000	28.98	20.25	49.23	-24.77	74.00	Peak
5		17362.500	30.14	26.92	57.06	-11.14	68.20	Peak

Note:

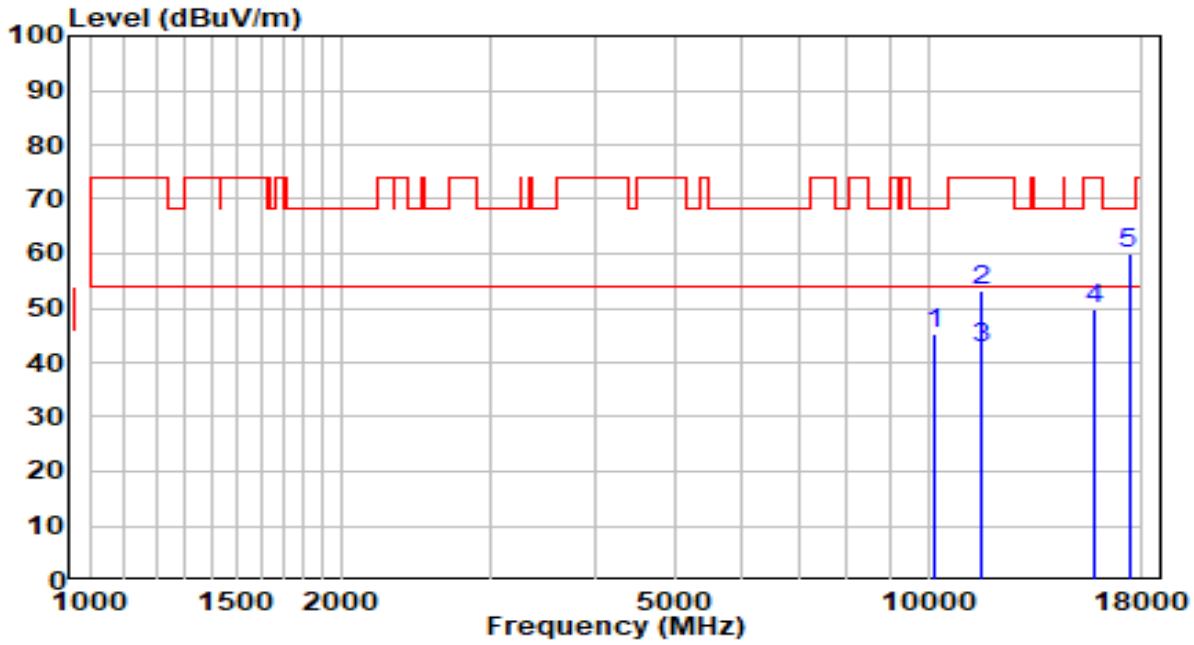
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz by 802.11a	Test Voltage	120V/60Hz

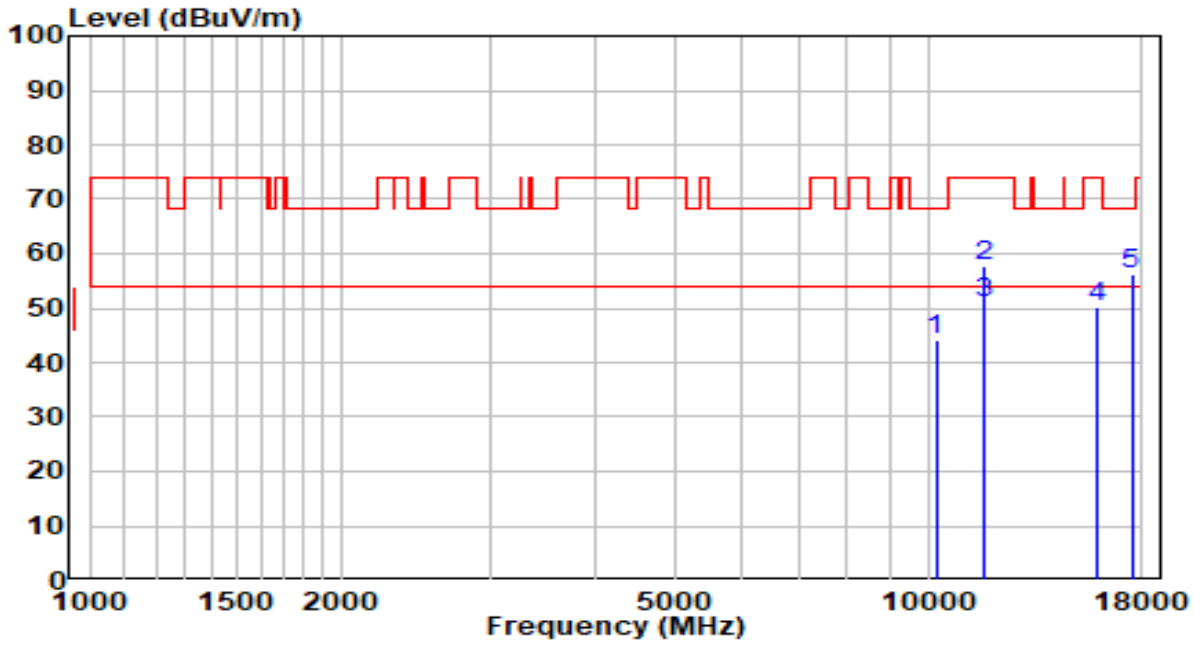


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		10197.000	28.00	17.35	45.35	-22.85	68.20	Peak
2		11574.000	33.27	19.88	53.15	-20.85	74.00	Peak
3		11574.000	22.76	19.88	42.64	-11.36	54.00	Average
4		15756.000	29.09	20.72	49.81	-24.19	74.00	Peak
5	*	17354.000	33.30	26.87	60.17	-8.03	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11a	Test Voltage	120V/60Hz

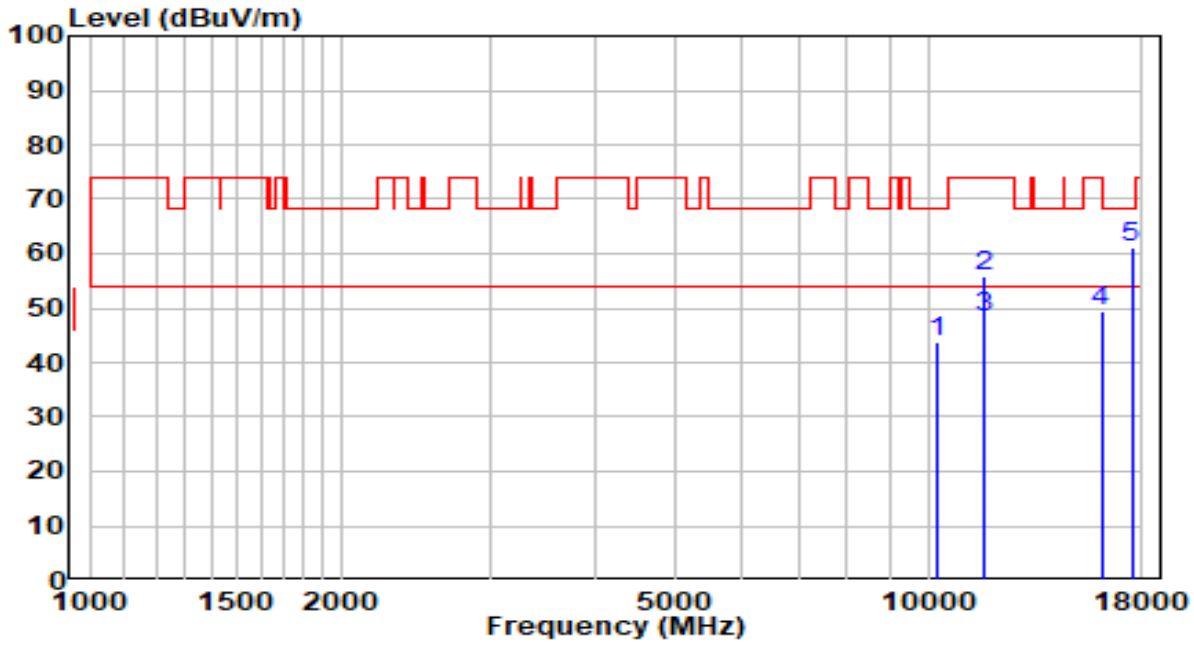


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		10214.000	26.82	17.42	44.24	-23.96	68.20	Peak
2		11650.500	38.01	19.71	57.72	-16.28	74.00	Peak
3	*	11650.500	31.12	19.71	50.83	-3.17	54.00	Average
4		15858.000	29.84	20.46	50.30	-23.70	74.00	Peak
5		17481.500	28.59	27.72	56.31	-11.89	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11a	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		10222.500	26.38	17.45	43.83	-24.37	68.20	Peak
2		11650.500	36.12	19.71	55.83	-18.17	74.00	Peak
3	*	11650.500	28.44	19.71	48.15	-5.85	54.00	Average
4		16087.500	29.11	20.31	49.42	-24.58	74.00	Peak
5		17481.500	33.24	27.72	60.96	-7.24	68.20	Peak

Note:

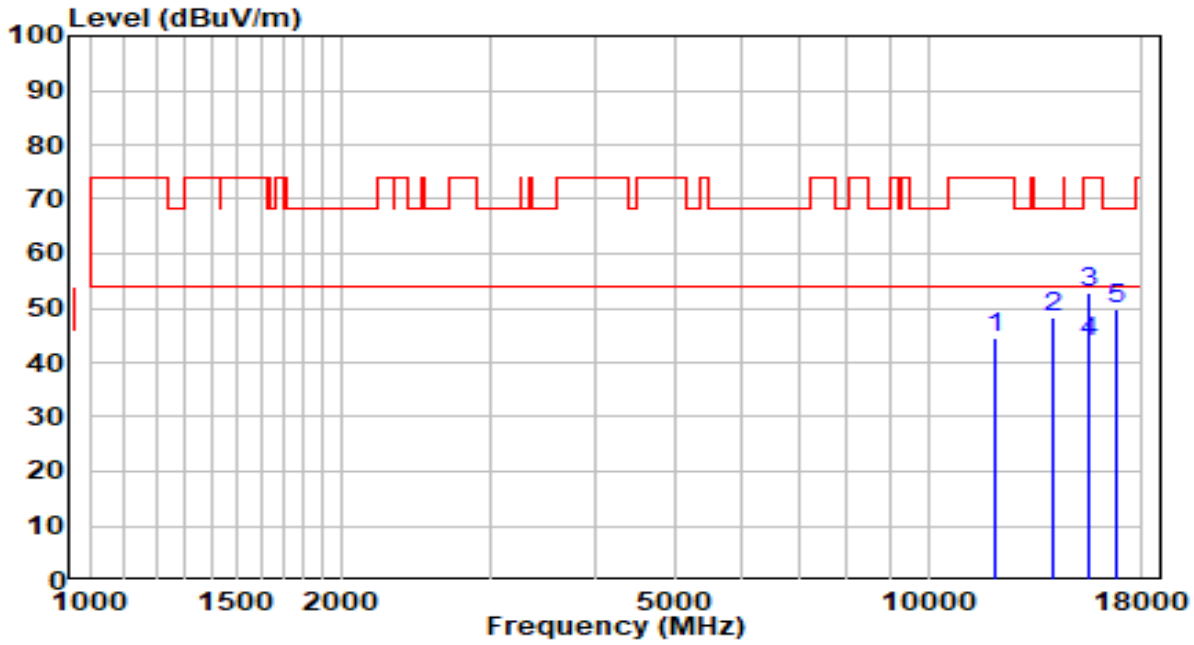
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	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		12007.500	25.78	18.91	44.69	-29.31	74.00	Peak
2		14090.000	25.83	22.43	48.26	-19.94	68.20	Peak
3		15535.000	31.71	21.26	52.98	-21.02	74.00	Peak
4	*	15535.000	22.55	21.26	43.81	-10.19	54.00	Average
5		16784.500	26.65	23.11	49.76	-18.44	68.20	Peak

Note:

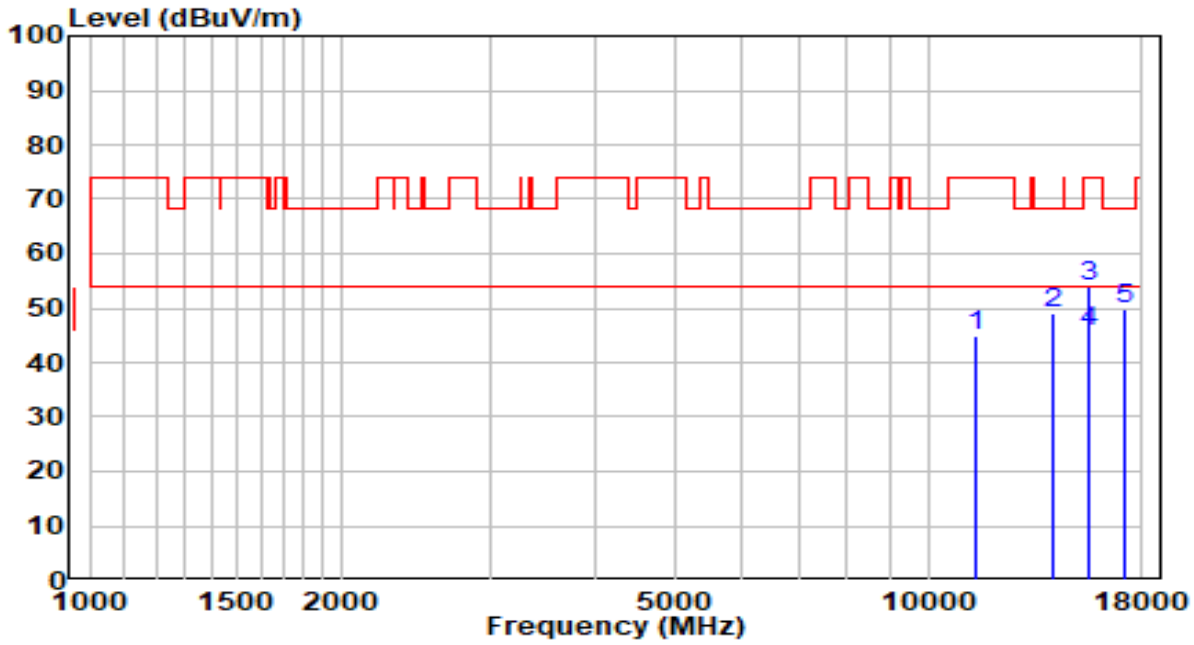
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	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		11438.000	24.81	19.95	44.77	-29.23	74.00	Peak
2		14124.000	26.46	22.43	48.89	-19.31	68.20	Peak
3		15526.500	32.86	21.28	54.15	-19.85	74.00	Peak
4	*	15526.500	24.24	21.28	45.52	-8.48	54.00	Average
5		17099.000	24.62	25.17	49.79	-18.41	68.20	Peak

Note:

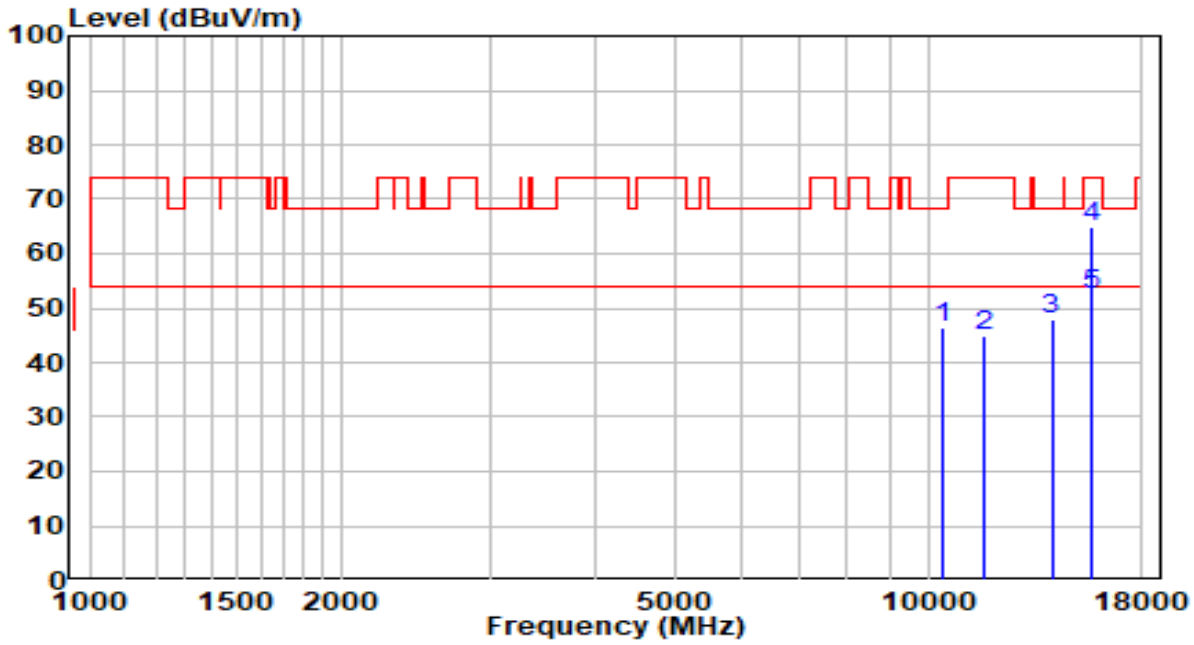
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz by 802.11ac-VHT20	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		10443.500	27.94	18.34	46.28	-21.92	68.20	Peak
2		11693.000	25.29	19.61	44.90	-29.10	74.00	Peak
3		14039.000	25.54	22.42	47.96	-20.24	68.20	Peak
4		15654.000	43.95	20.97	64.92	-9.08	74.00	Peak
5	*	15654.000	31.38	20.97	52.35	-1.65	54.00	Average

Note:

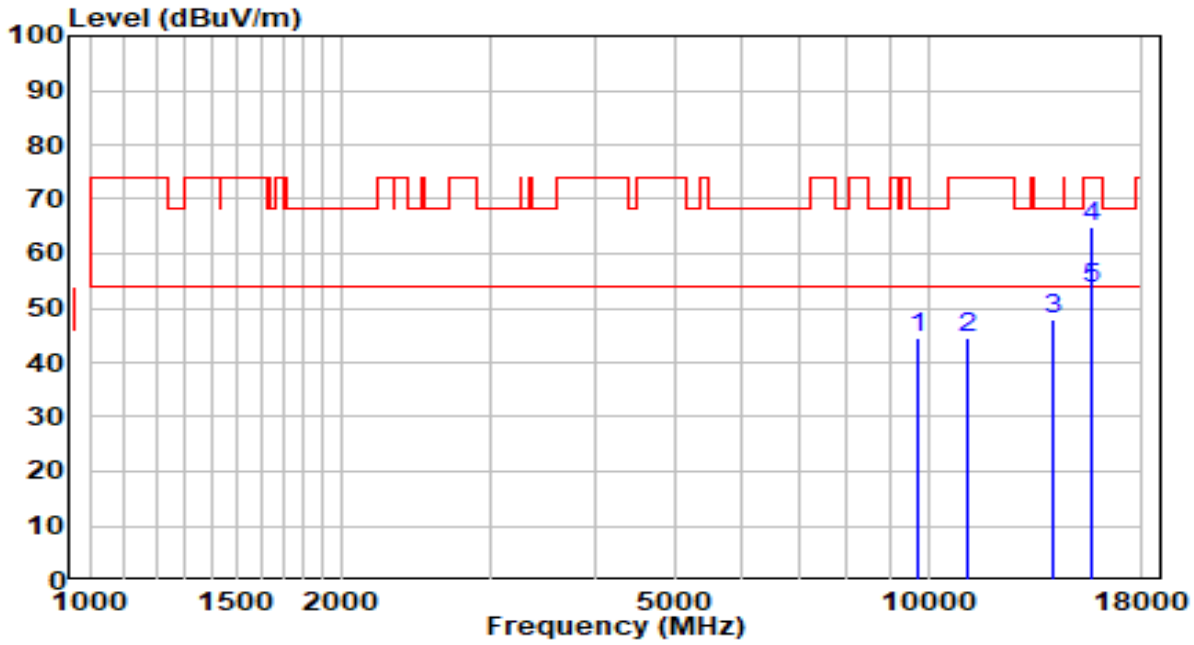
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz by 802.11ac-VHT20	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		9712.500	28.43	16.08	44.51	-23.69	68.20	Peak
2		11149.000	25.09	19.51	44.60	-29.40	74.00	Peak
3		14047.500	25.45	22.42	47.88	-20.32	68.20	Peak
4		15662.500	44.14	20.95	65.09	-8.91	74.00	Peak
5	*	15662.500	32.71	20.95	53.66	-0.34	54.00	Average

Note:

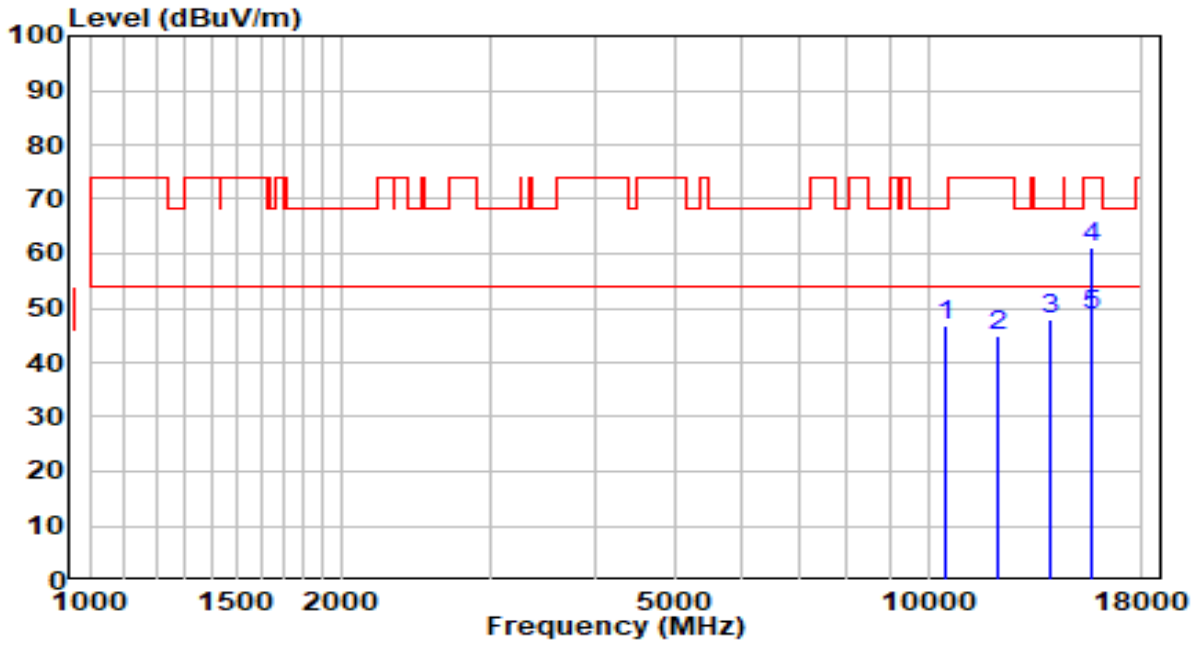
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz by 802.11ac-VHT20	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		10477.500	28.49	18.48	46.96	-21.24	68.20	Peak
2		12126.500	26.30	18.79	45.09	-28.91	74.00	Peak
3		13962.500	25.42	22.38	47.80	-20.40	68.20	Peak
4		15722.000	40.47	20.80	61.27	-12.73	74.00	Peak
5	*	15722.000	27.85	20.80	48.65	-5.35	54.00	Average

Note:

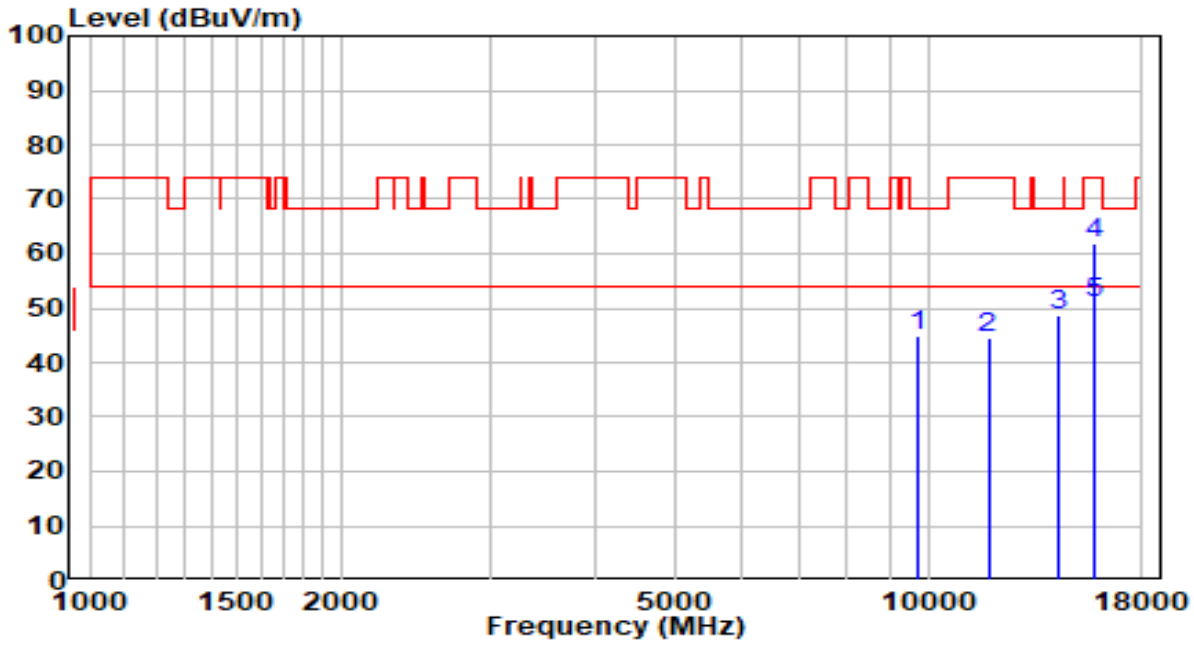
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz by 802.11ac-VHT20	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		9755.000	28.67	16.15	44.81	-23.39	68.20	Peak
2		11795.000	25.33	19.38	44.72	-29.28	74.00	Peak
3		14311.000	26.08	22.44	48.53	-19.67	68.20	Peak
4		15730.500	41.04	20.78	61.82	-12.18	74.00	Peak
5	*	15730.500	30.35	20.78	51.13	-2.87	54.00	Average

Note:

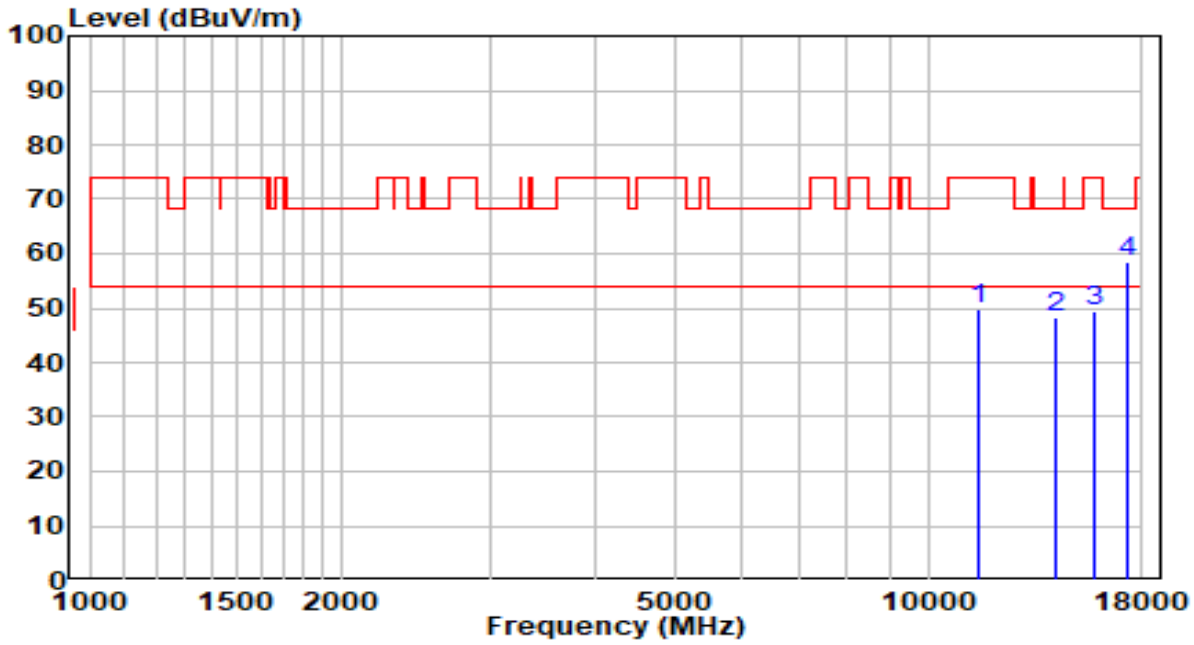
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

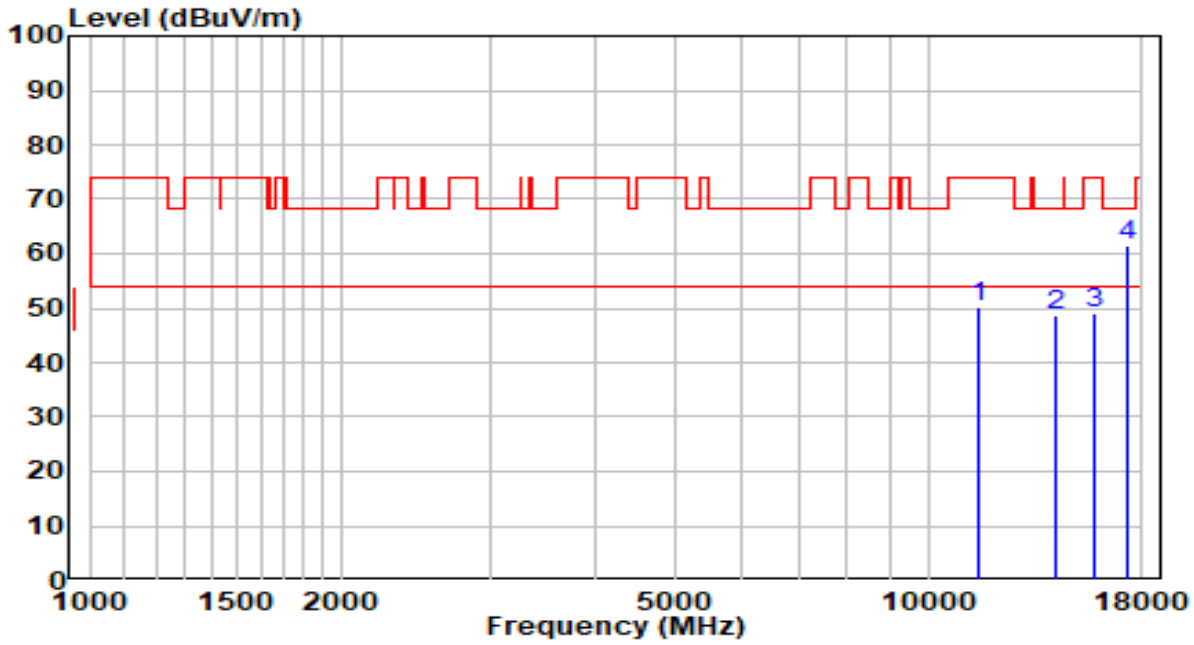


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	29.73	20.03	49.77	-24.23	74.00	Peak
2		14158.000	25.88	22.43	48.31	-19.89	68.20	Peak
3		15747.500	28.80	20.74	49.53	-24.47	74.00	Peak
4	*	17226.500	32.62	26.02	58.64	-9.56	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

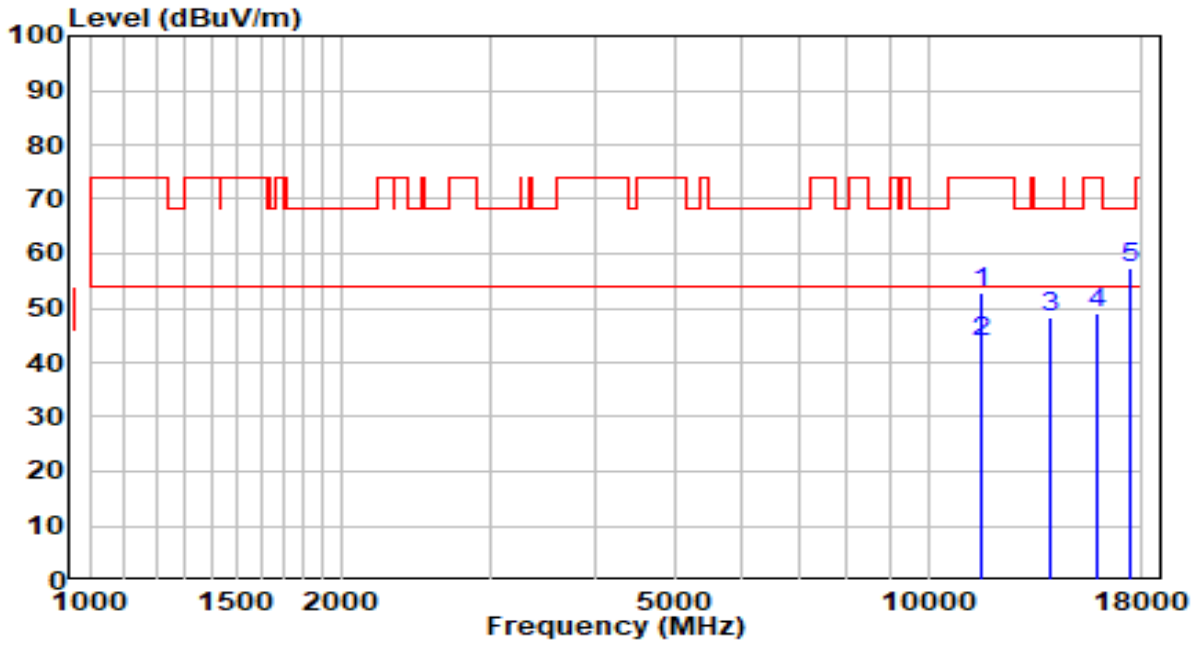


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	30.21	20.03	50.24	-23.76	74.00	Peak
2		14200.500	26.15	22.43	48.59	-19.61	68.20	Peak
3		15824.000	28.41	20.55	48.96	-25.04	74.00	Peak
4	*	17235.000	35.50	26.08	61.57	-6.63	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

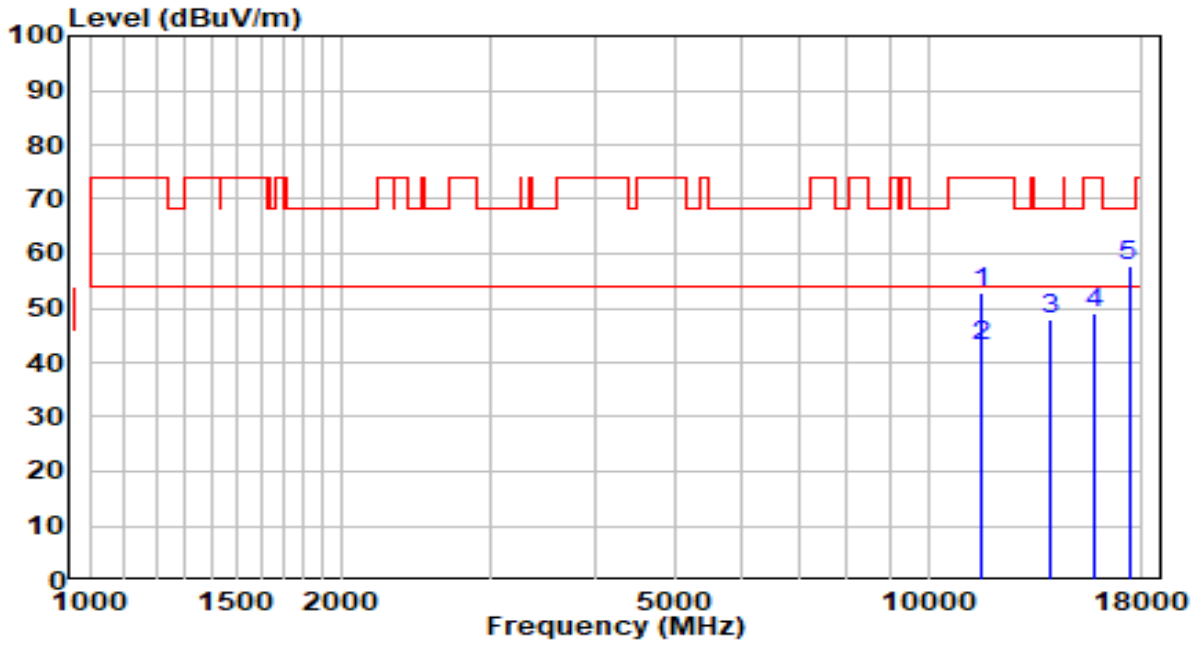


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11574.000	32.88	19.88	52.76	-21.24	74.00	Peak
2	*	11574.000	23.90	19.88	43.79	-10.21	54.00	Average
3		13971.000	25.97	22.39	48.36	-19.84	68.20	Peak
4		15866.500	28.44	20.44	48.88	-25.12	74.00	Peak
5		17362.500	30.53	26.92	57.46	-10.74	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz by 802.11ac-VHT20	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		11565.500	32.81	19.90	52.71	-21.29	74.00	Peak
2		11565.500	23.25	19.90	43.15	-10.85	54.00	Average
3		13962.500	25.48	22.38	47.85	-20.35	68.20	Peak
4		15747.500	28.38	20.74	49.11	-24.89	74.00	Peak
5	*	17354.000	30.92	26.87	57.79	-10.41	68.20	Peak

Note:

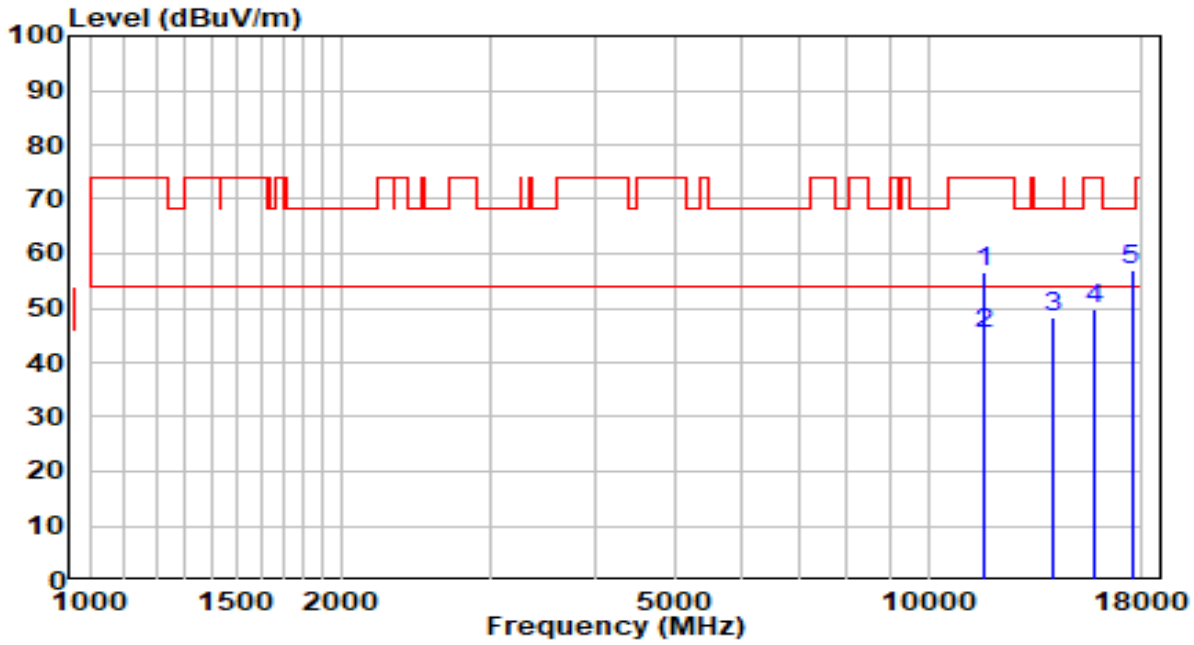
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11ac-VHT20	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		11642.000	36.72	19.73	56.45	-17.55	74.00	Peak
2	*	11642.000	25.40	19.73	45.13	-8.87	54.00	Average
3		14141.000	26.00	22.43	48.43	-19.77	68.20	Peak
4		15730.500	28.92	20.78	49.70	-24.30	74.00	Peak
5		17481.500	29.08	27.72	56.80	-11.40	68.20	Peak

Note:

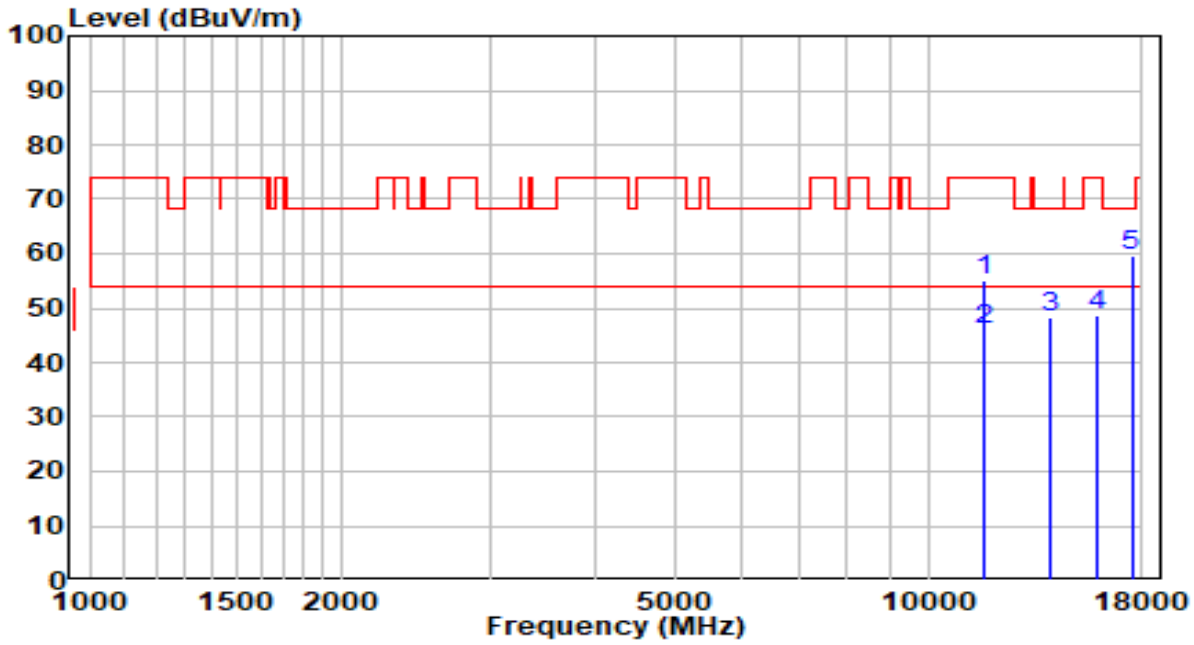
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11ac-VHT20	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		11642.000	35.48	19.73	55.21	-18.79	74.00	Peak
2	*	11642.000	26.20	19.73	45.93	-8.07	54.00	Average
3		14030.500	25.81	22.42	48.23	-19.97	68.20	Peak
4		15849.500	28.24	20.48	48.72	-25.28	74.00	Peak
5		17481.500	32.02	27.72	59.74	-8.46	68.20	Peak

Note:

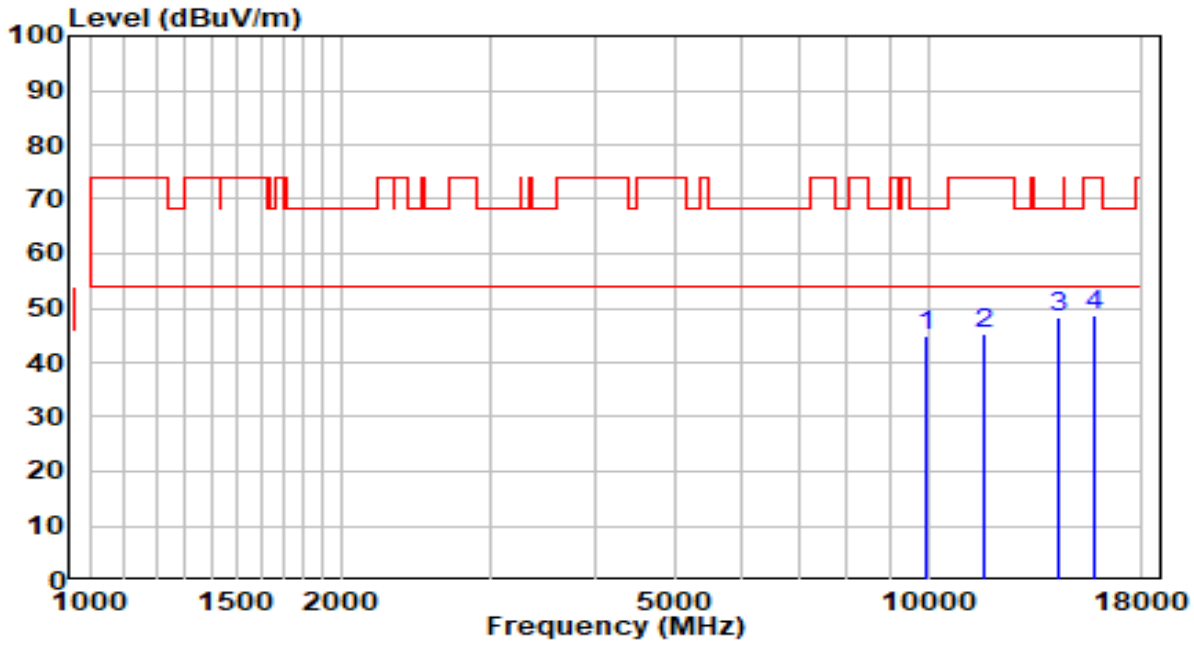
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

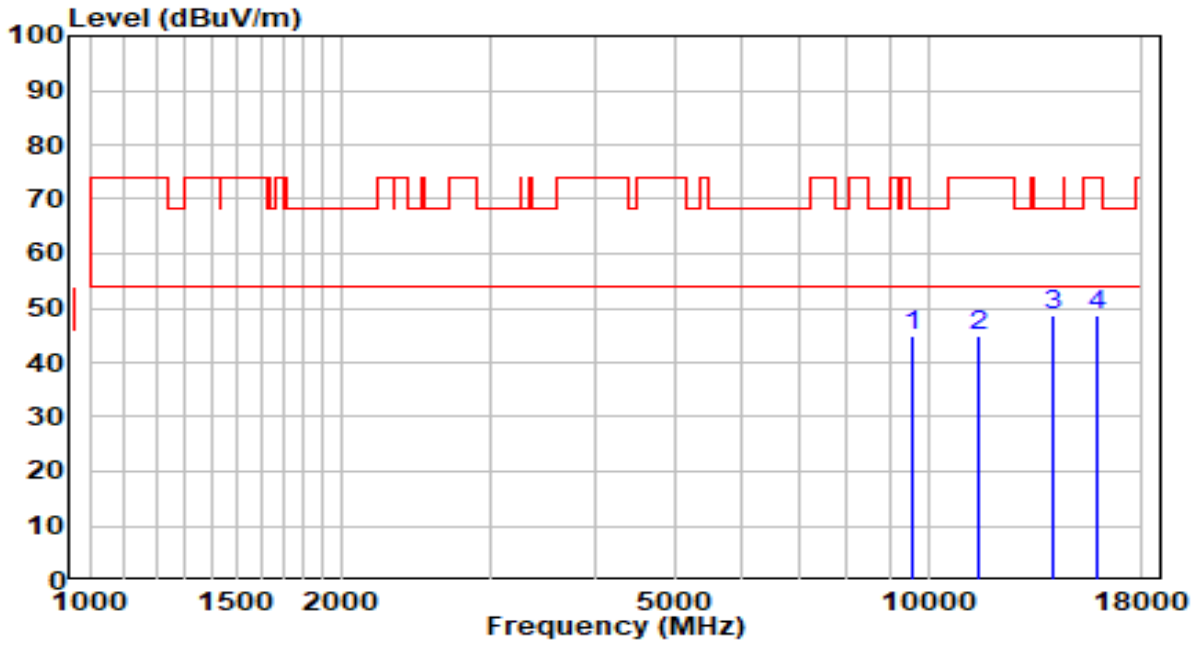


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		9967.500	28.23	16.51	44.74	-23.46	68.20	Peak
2		11701.500	25.75	19.59	45.34	-28.66	74.00	Peak
3	*	14268.500	25.97	22.44	48.41	-19.79	68.20	Peak
4		15730.500	27.76	20.78	48.54	-25.46	74.00	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

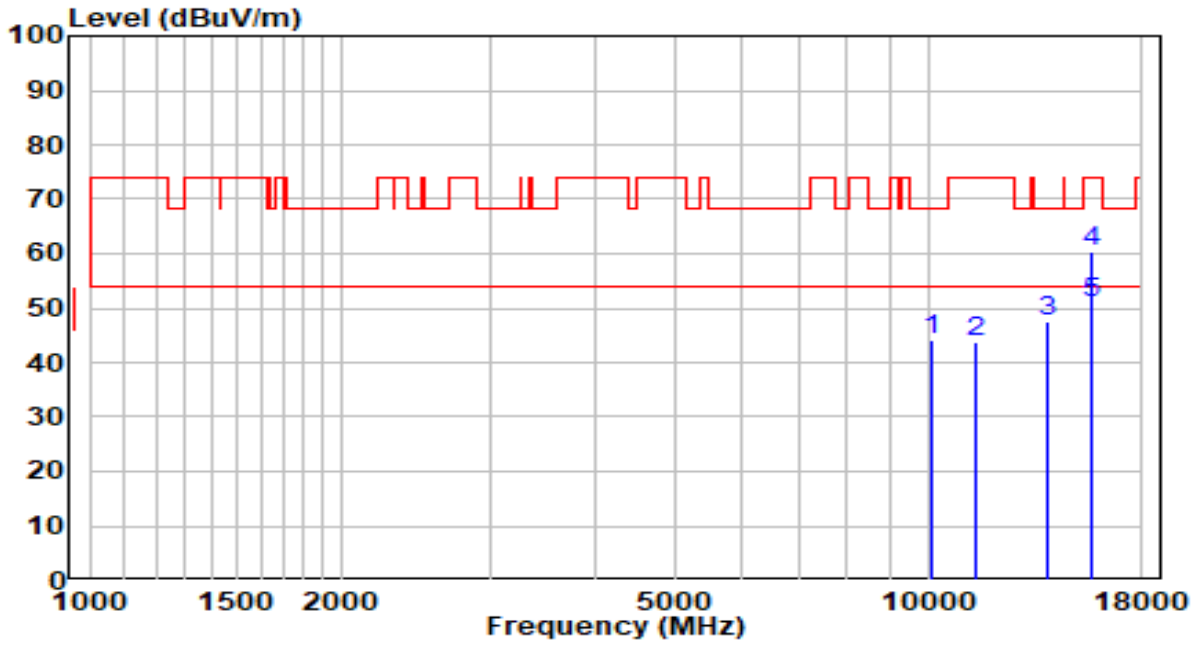


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		9610.500	28.99	15.91	44.90	-23.30	68.20	Peak
2		11523.000	24.99	20.00	44.99	-29.01	74.00	Peak
3	*	14073.000	26.12	22.43	48.55	-19.65	68.20	Peak
4		15909.000	28.17	20.34	48.51	-25.49	74.00	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5230MHz by 802.11ac-VHT40	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		10112.000	27.06	17.01	44.07	-24.13	68.20	Peak
2		11412.500	23.91	19.92	43.82	-30.18	74.00	Peak
3		13860.500	25.20	22.26	47.47	-20.73	68.20	Peak
4		15688.000	39.56	20.88	60.45	-13.55	74.00	Peak
5	*	15688.000	29.92	20.88	50.80	-3.20	54.00	Average

Note:

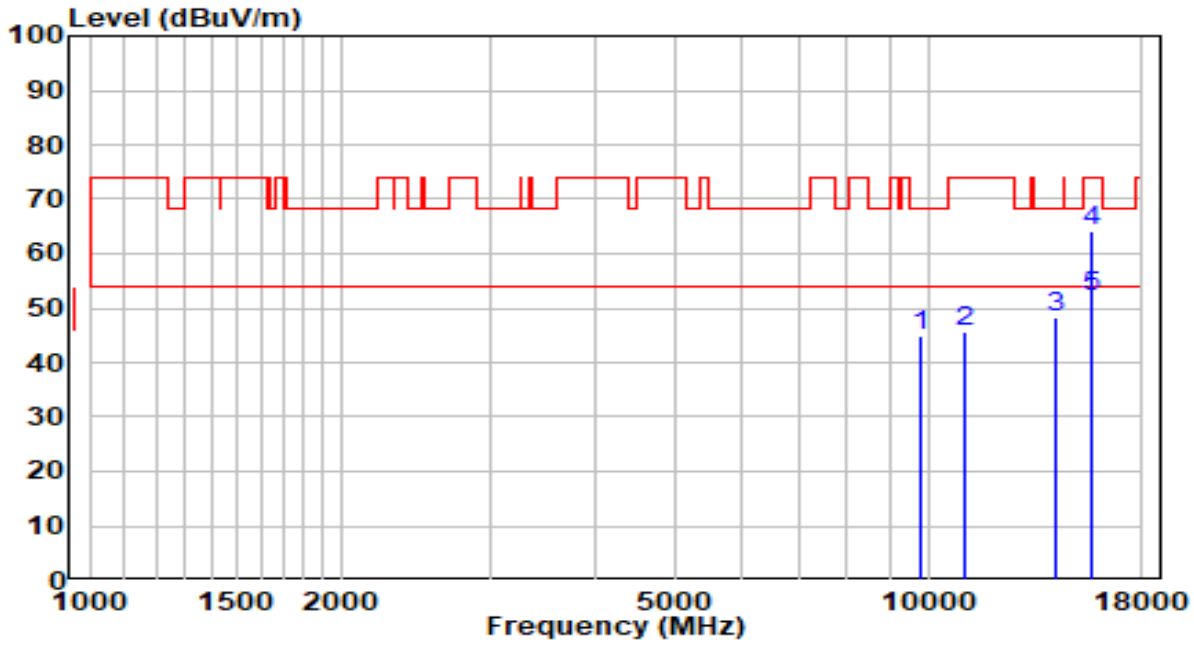
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5230MHz by 802.11ac-VHT40	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		9780.500	28.77	16.19	44.97	-23.23	68.20	Peak
2		11081.000	26.22	19.40	45.63	-28.37	74.00	Peak
3		14217.500	25.90	22.44	48.33	-19.87	68.20	Peak
4		15679.500	43.20	20.90	64.11	-9.89	74.00	Peak
5	*	15679.500	31.24	20.90	52.15	-1.85	54.00	Average

Note:

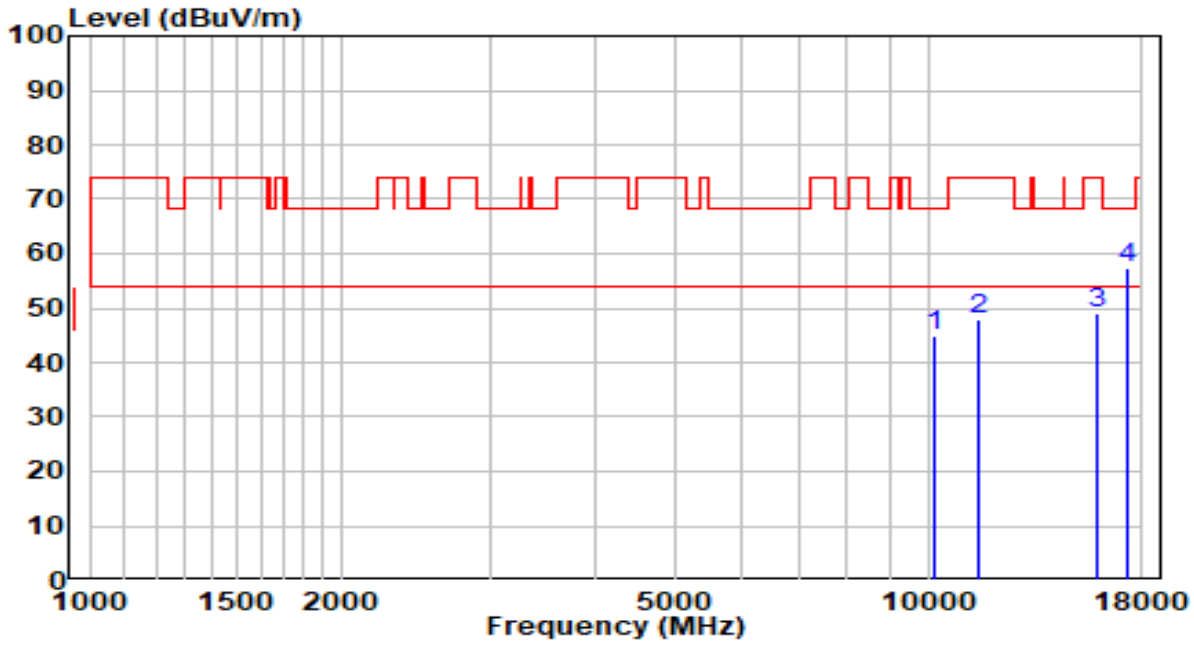
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

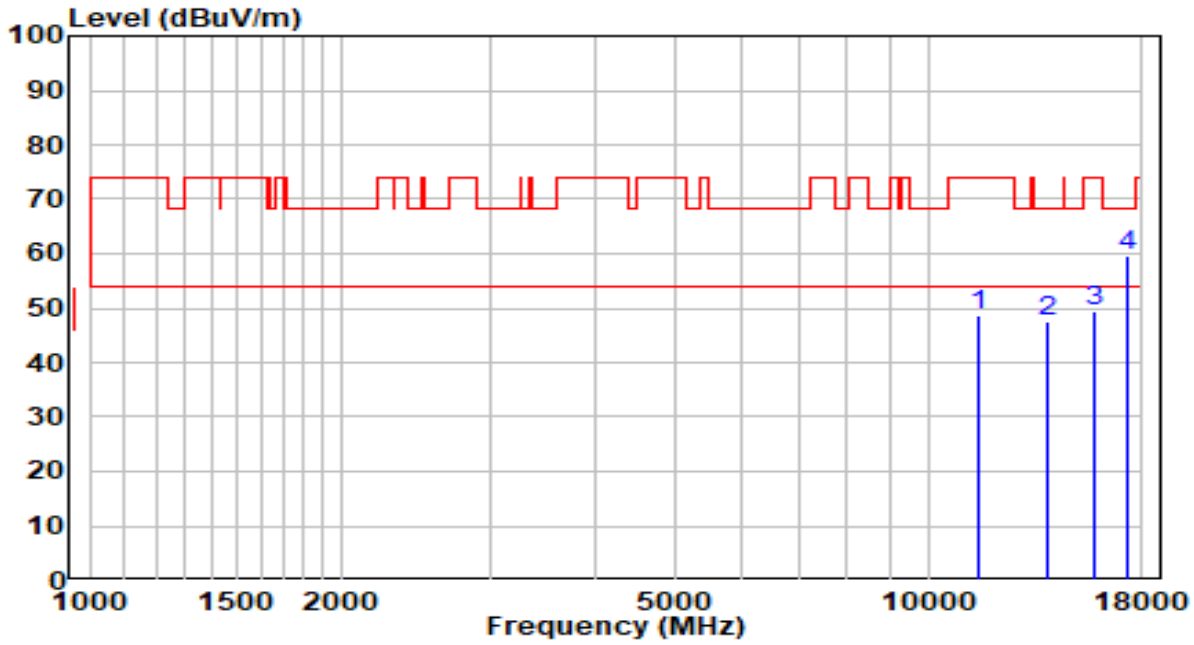


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		10205.500	27.58	17.39	44.96	-23.24	68.20	Peak
2		11523.000	27.83	20.00	47.83	-26.17	74.00	Peak
3		15849.500	28.68	20.48	49.16	-24.84	74.00	Peak
4	*	17269.000	31.15	26.30	57.45	-10.75	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

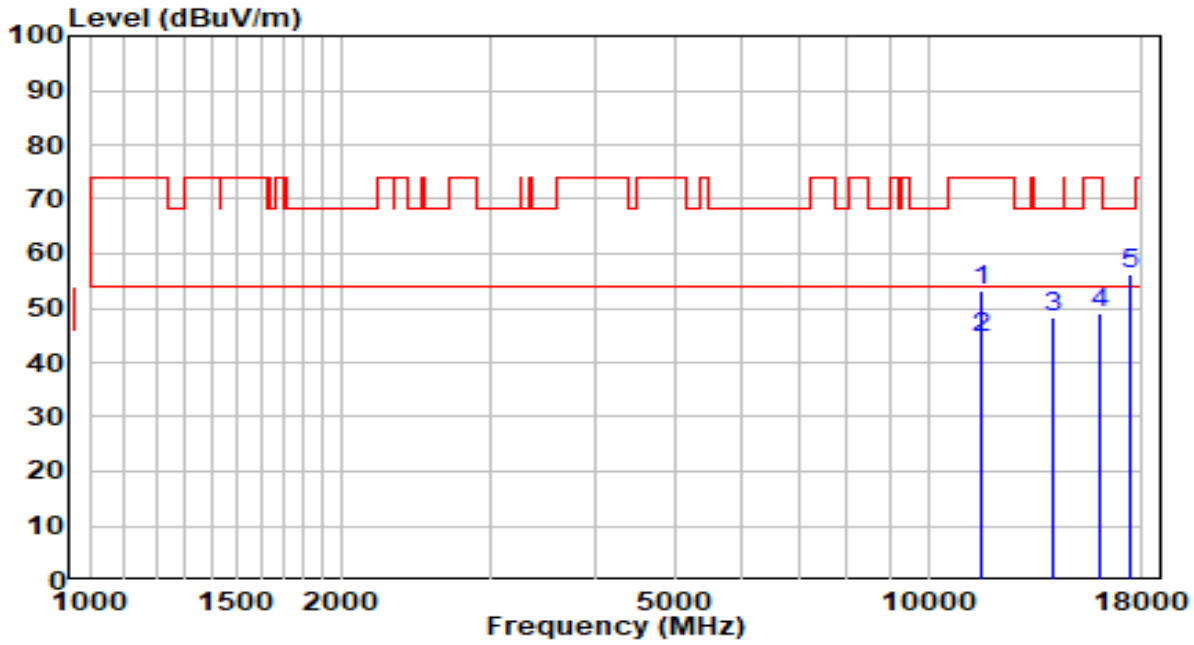


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11514.500	28.59	20.02	48.61	-25.39	74.00	Peak
2		13860.500	25.28	22.26	47.54	-20.66	68.20	Peak
3		15815.500	28.95	20.57	49.52	-24.48	74.00	Peak
4	*	17269.000	33.26	26.30	59.56	-8.64	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ac-VHT40	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		11599.500	33.45	19.83	53.28	-20.72	74.00	Peak
2	*	11599.500	24.66	19.83	44.48	-9.52	54.00	Average
3		14141.000	25.97	22.43	48.40	-19.80	68.20	Peak
4		16062.000	28.93	20.25	49.19	-24.81	74.00	Peak
5		17388.000	29.26	27.09	56.35	-11.85	68.20	Peak

Note:

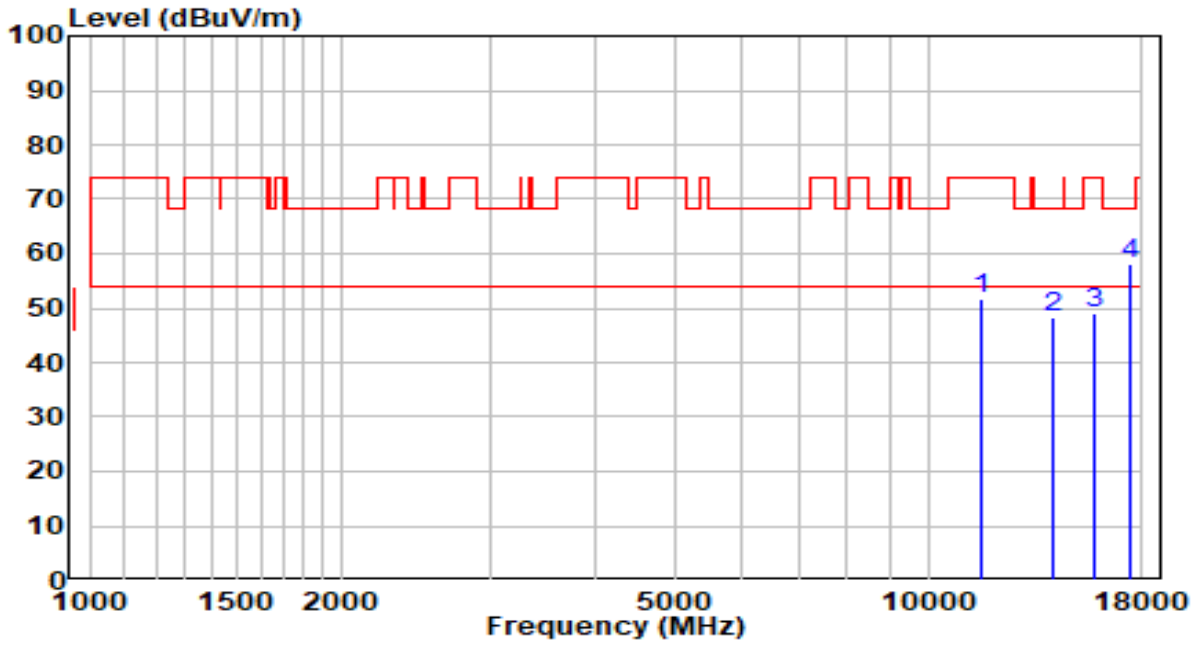
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

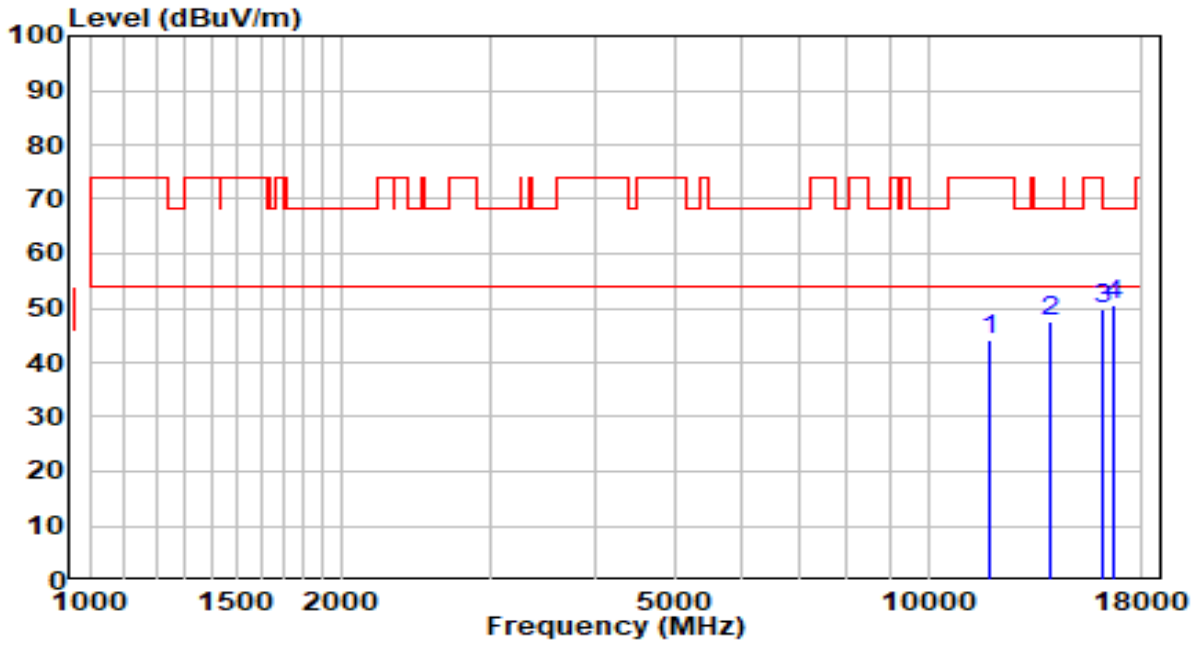


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11591.000	31.68	19.84	51.52	-22.48	74.00	Peak
2		14098.500	26.06	22.43	48.48	-19.72	68.20	Peak
3		15747.500	28.30	20.74	49.04	-24.96	74.00	Peak
4	*	17388.000	30.90	27.09	58.00	-10.20	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	Test Voltage	120V/60Hz

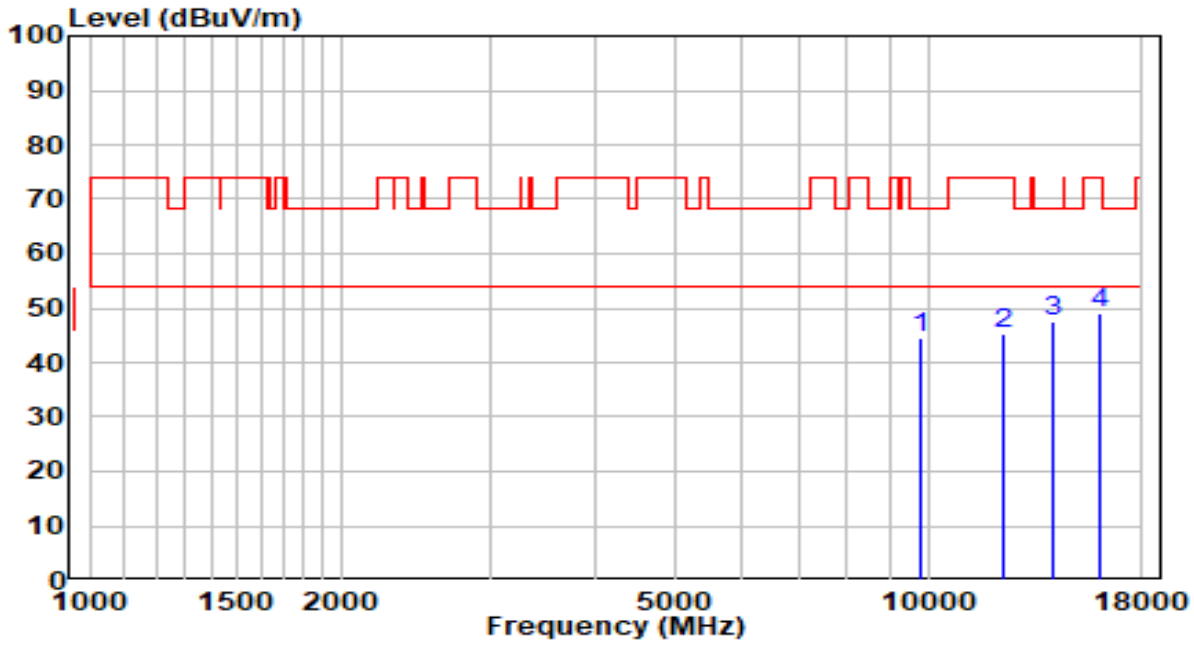


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11820.500	24.70	19.33	44.02	-29.98	74.00	Peak
2		13979.500	25.32	22.40	47.72	-20.48	68.20	Peak
3		16155.500	29.36	20.47	49.83	-24.17	74.00	Peak
4	*	16657.000	28.19	22.28	50.47	-17.73	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	Test Voltage	120V/60Hz

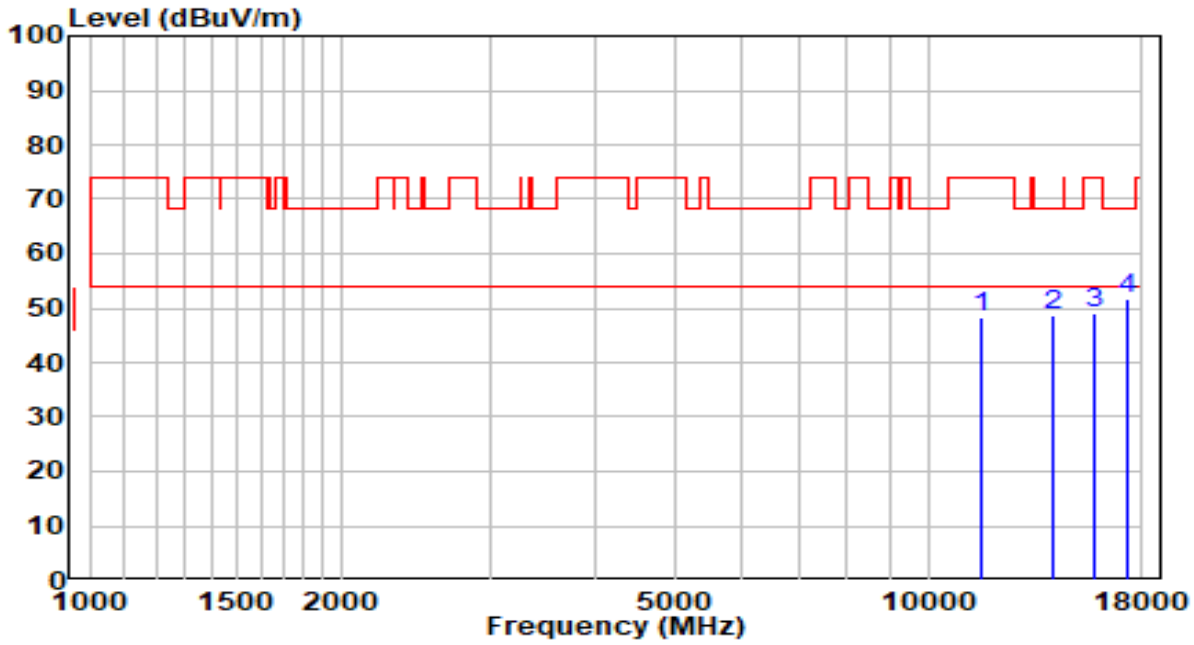


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		9789.000	28.35	16.21	44.55	-23.65	68.20	Peak
2		12305.000	26.78	18.61	45.39	-28.61	74.00	Peak
3	*	14090.000	25.08	22.43	47.50	-20.70	68.20	Peak
4		16079.000	28.90	20.29	49.19	-24.81	74.00	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ac-VHT80	Test Voltage	120V/60Hz

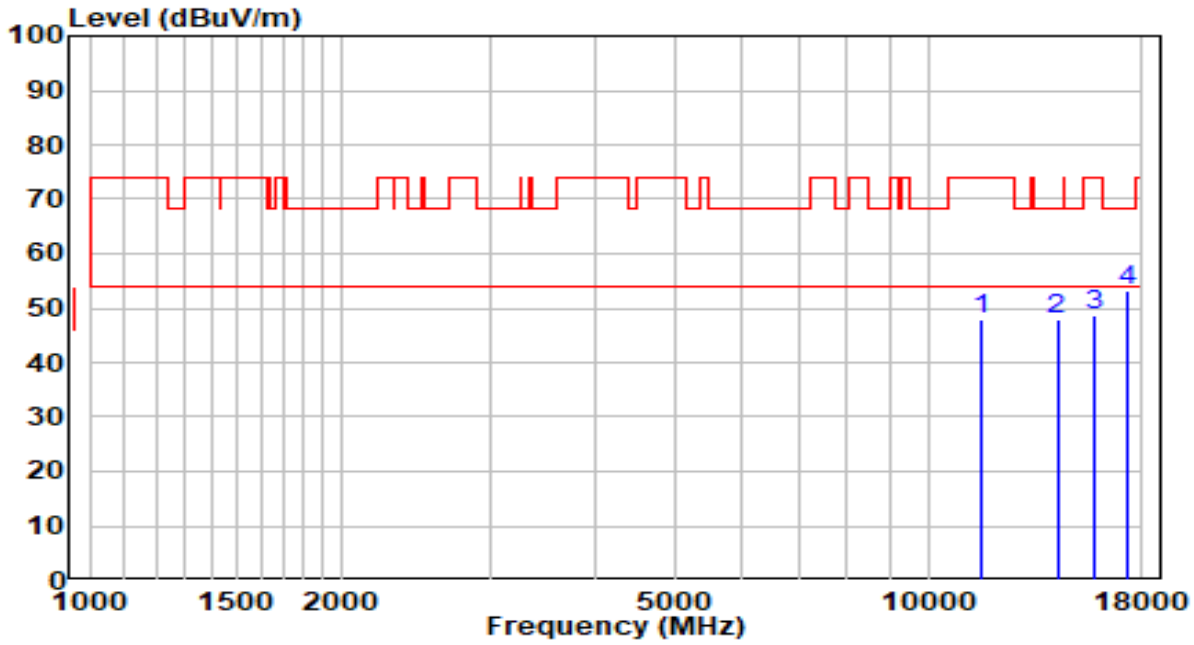


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11548.500	28.38	19.94	48.32	-25.68	74.00	Peak
2		14081.500	26.21	22.43	48.63	-19.57	68.20	Peak
3		15764.500	28.46	20.69	49.16	-24.84	74.00	Peak
4	*	17303.000	25.01	26.53	51.54	-16.66	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ac-VHT80	Test Voltage	120V/60Hz

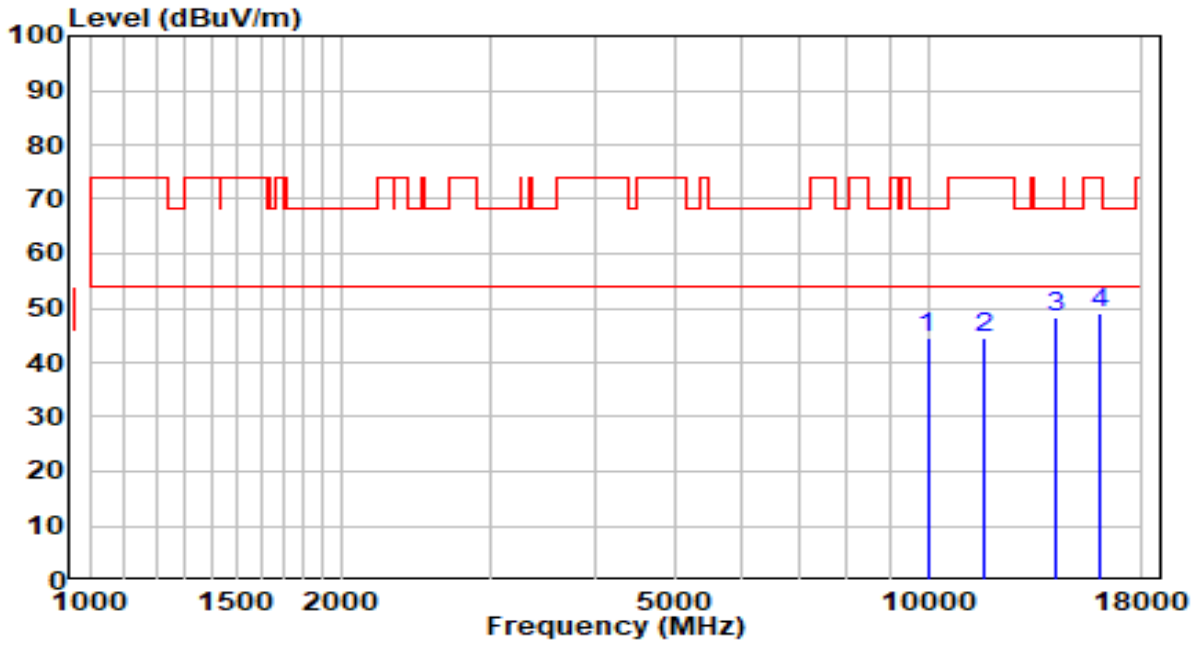


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11557.000	27.82	19.92	47.74	-26.26	74.00	Peak
2		14251.500	25.63	22.44	48.07	-20.13	68.20	Peak
3		15756.000	27.83	20.72	48.55	-25.45	74.00	Peak
4	*	17294.500	26.73	26.47	53.20	-15.00	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	Test Voltage	120V/60Hz

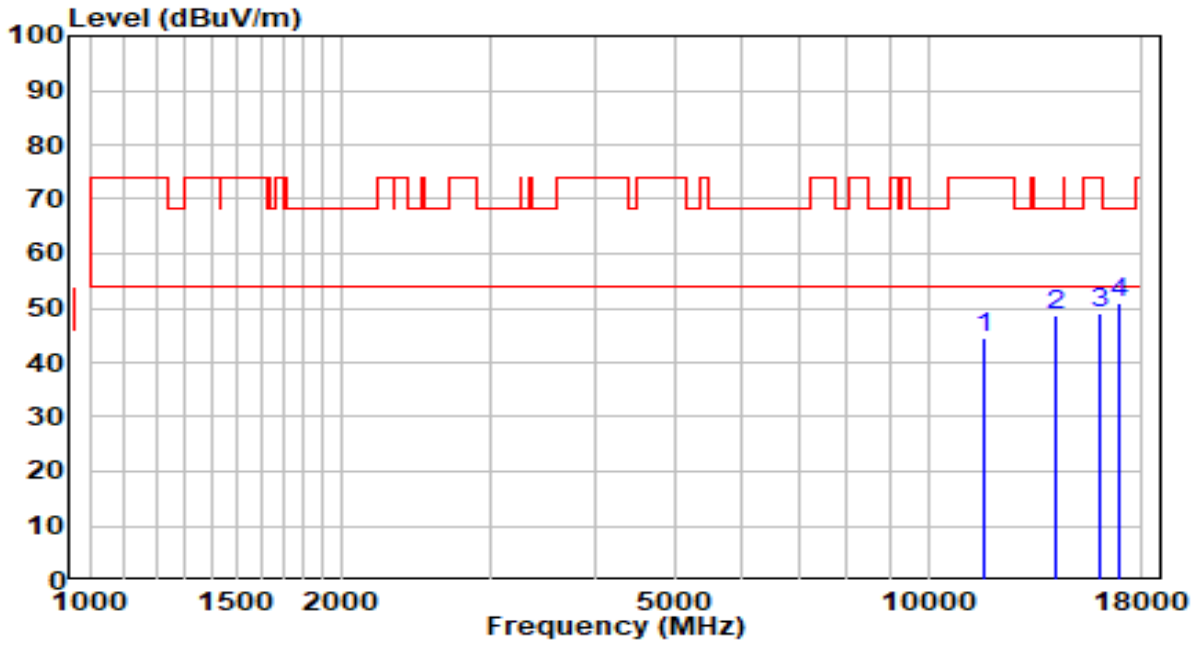


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		9984.500	28.00	16.53	44.54	-23.66	68.20	Peak
2		11676.000	25.05	19.65	44.70	-29.30	74.00	Peak
3	*	14243.000	25.78	22.44	48.22	-19.98	68.20	Peak
4		16045.000	29.01	20.21	49.23	-24.77	74.00	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	Test Voltage	120V/60Hz

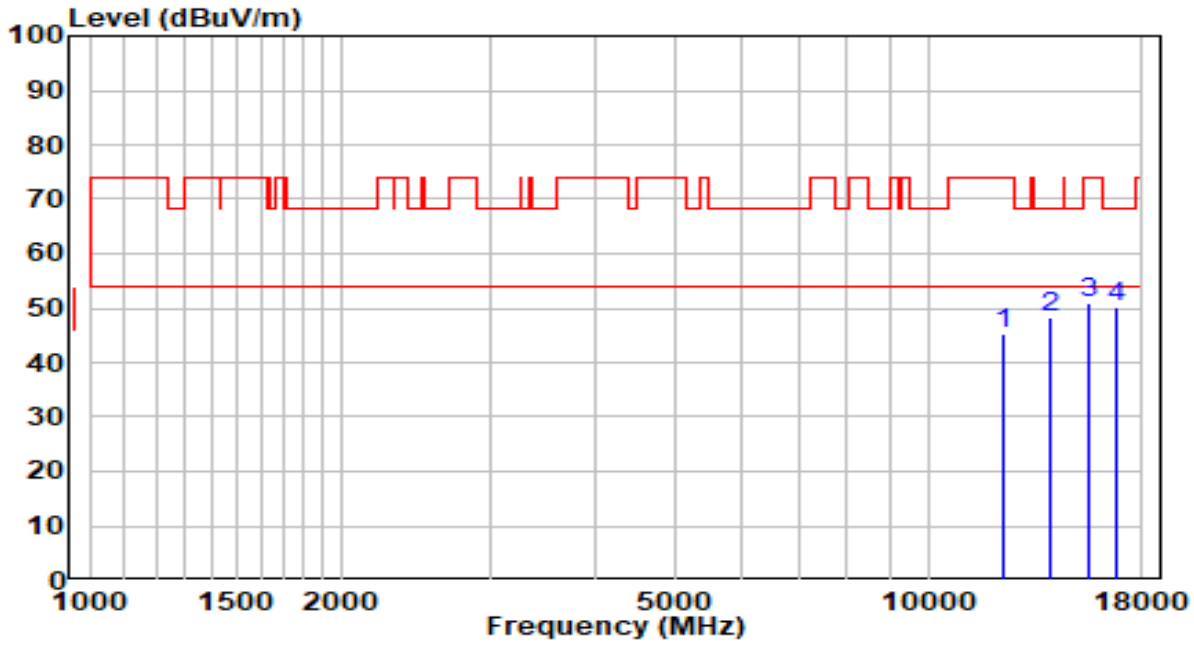


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11693.000	24.98	19.61	44.59	-29.41	74.00	Peak
2		14158.000	26.13	22.43	48.56	-19.64	68.20	Peak
3		15977.000	29.06	20.17	49.23	-24.77	74.00	Peak
4	*	16920.500	26.88	23.99	50.88	-17.32	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

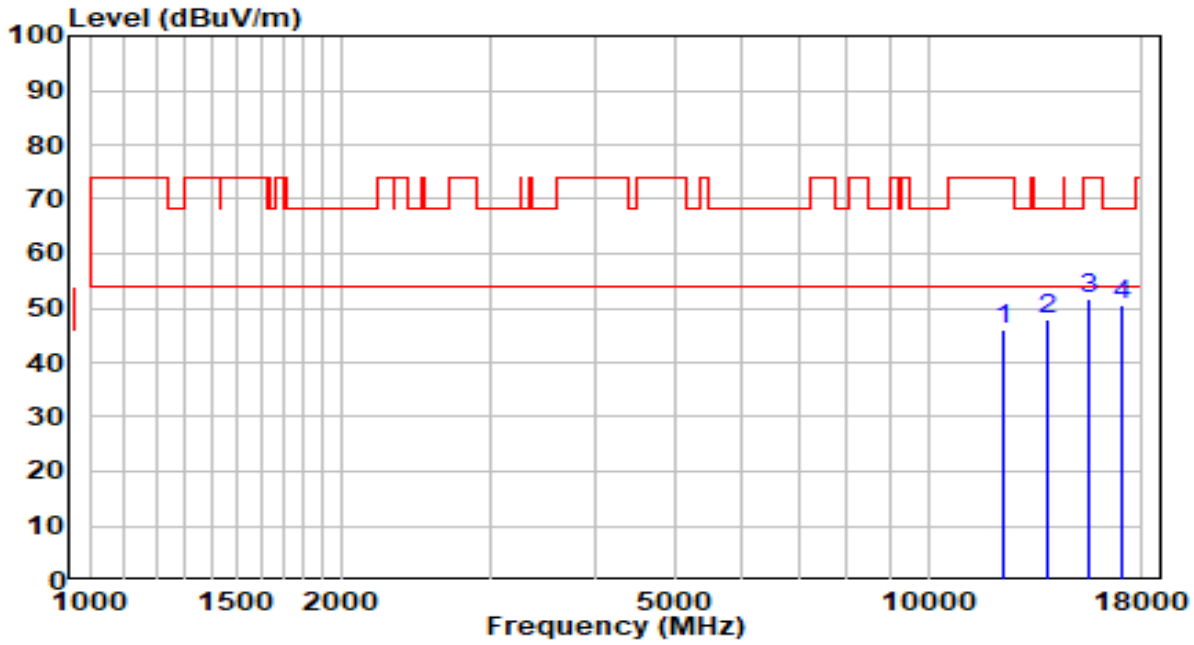


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		12330.500	26.81	18.58	45.39	-28.61	74.00	Peak
2		13962.500	25.92	22.38	48.30	-19.90	68.20	Peak
3		15535.000	29.66	21.26	50.92	-23.08	74.00	Peak
4	*	16725.000	27.38	22.72	50.10	-18.10	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

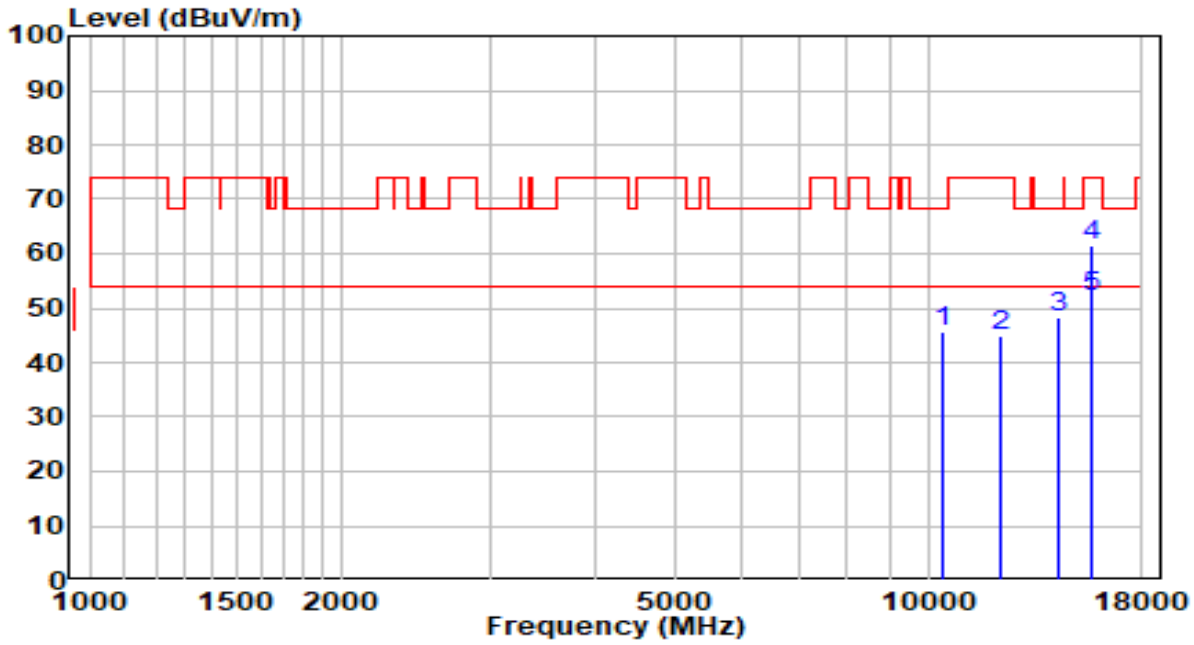


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		12305.000	27.51	18.61	46.11	-27.89	74.00	Peak
2		13877.500	25.56	22.28	47.84	-20.36	68.20	Peak
3		15535.000	30.51	21.26	51.78	-22.22	74.00	Peak
4	*	16997.000	26.18	24.49	50.67	-17.53	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz 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		10435.000	27.26	18.31	45.57	-22.63	68.20	Peak
2		12211.500	26.23	18.70	44.93	-29.07	74.00	Peak
3		14268.500	25.77	22.44	48.21	-19.99	68.20	Peak
4		15662.500	40.72	20.95	61.67	-12.33	74.00	Peak
5	*	15662.500	31.14	20.95	52.09	-1.91	54.00	Average

Note:

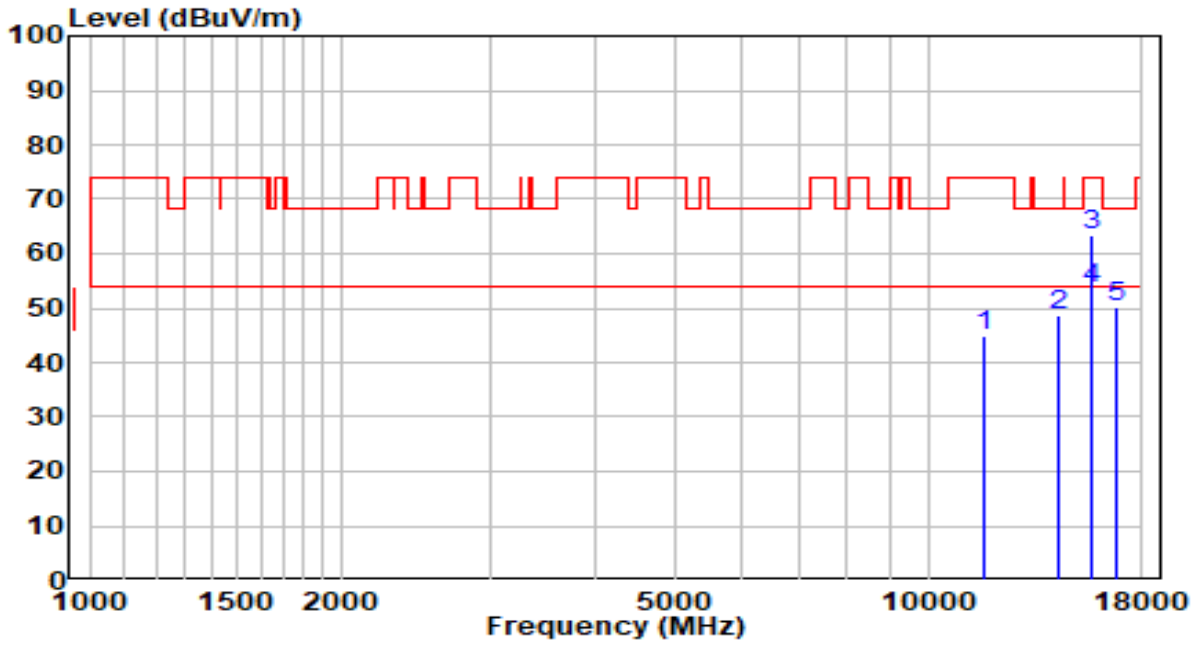
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5220MHz 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		11659.000	25.03	19.69	44.73	-29.27	74.00	Peak
2		14260.000	26.14	22.44	48.58	-19.62	68.20	Peak
3		15654.000	42.50	20.97	63.47	-10.53	74.00	Peak
4	*	15654.000	32.44	20.97	53.41	-0.59	54.00	Average
5		16759.000	27.08	22.94	50.03	-18.17	68.20	Peak

Note:

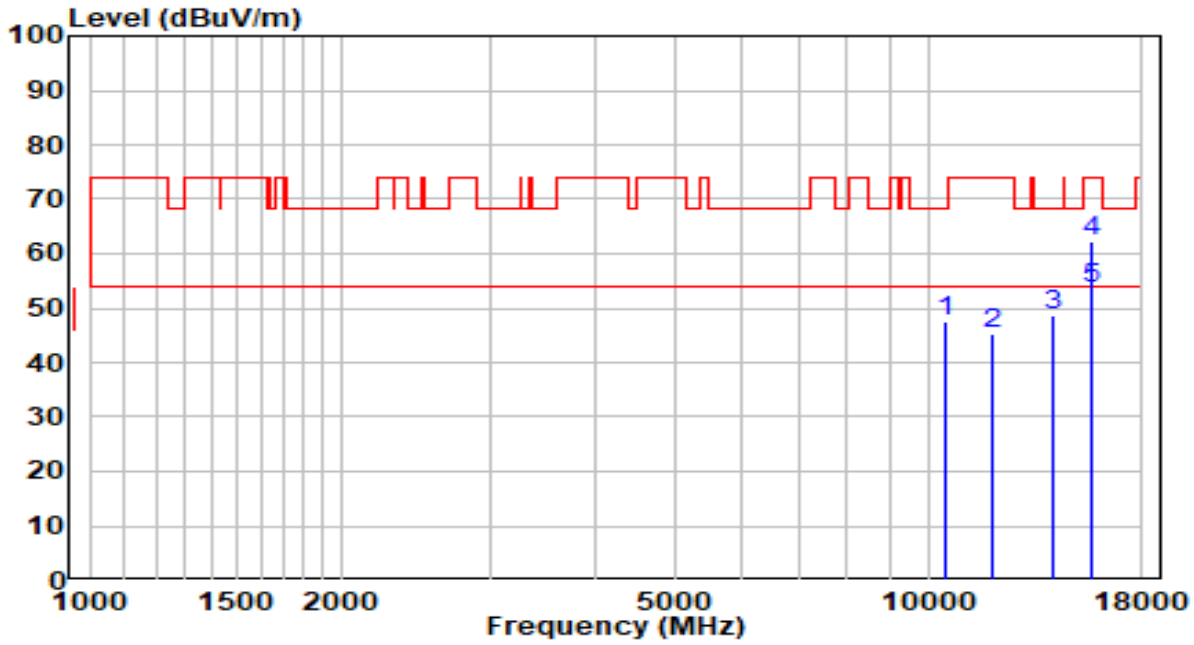
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz 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		10477.500	28.92	18.48	47.40	-20.80	68.20	Peak
2		11905.500	26.11	19.13	45.24	-28.76	74.00	Peak
3		14132.500	26.21	22.43	48.64	-19.56	68.20	Peak
4		15722.000	41.64	20.80	62.44	-11.56	74.00	Peak
5	*	15722.000	32.73	20.80	53.53	-0.47	54.00	Average

Note:

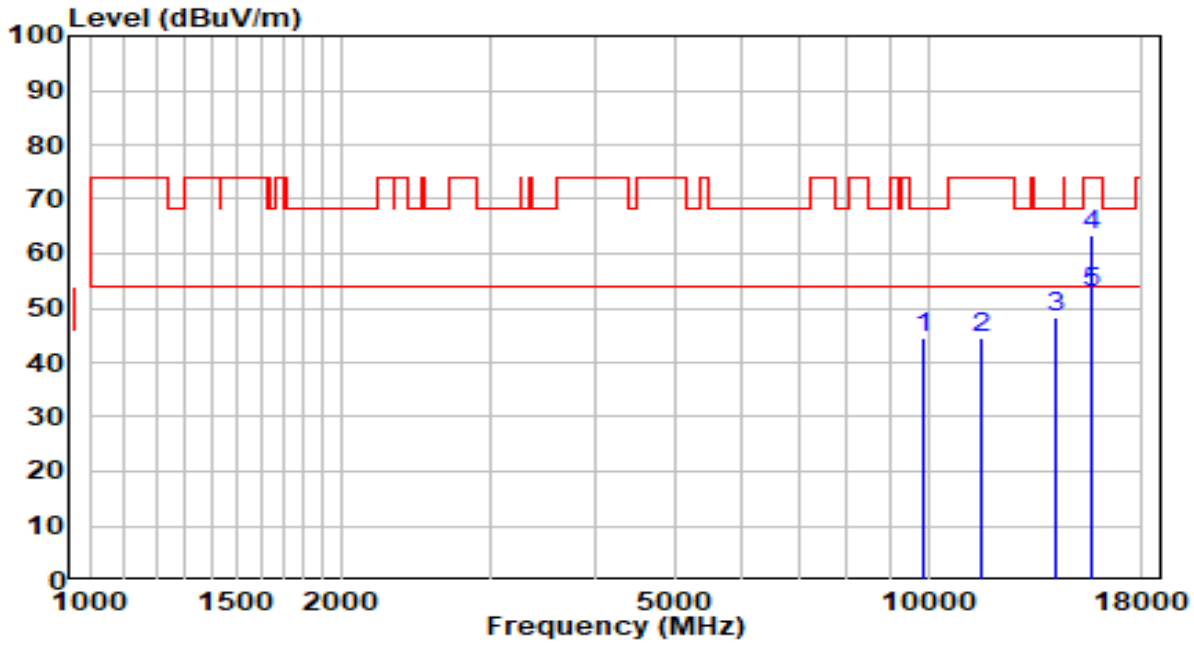
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5240MHz 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		9882.500	28.02	16.36	44.38	-23.82	68.20	Peak
2		11608.000	24.85	19.81	44.66	-29.34	74.00	Peak
3		14149.500	26.00	22.43	48.43	-19.77	68.20	Peak
4		15713.500	42.48	20.82	63.30	-10.70	74.00	Peak
5	*	15713.500	31.95	20.82	52.77	-1.23	54.00	Average

Note:

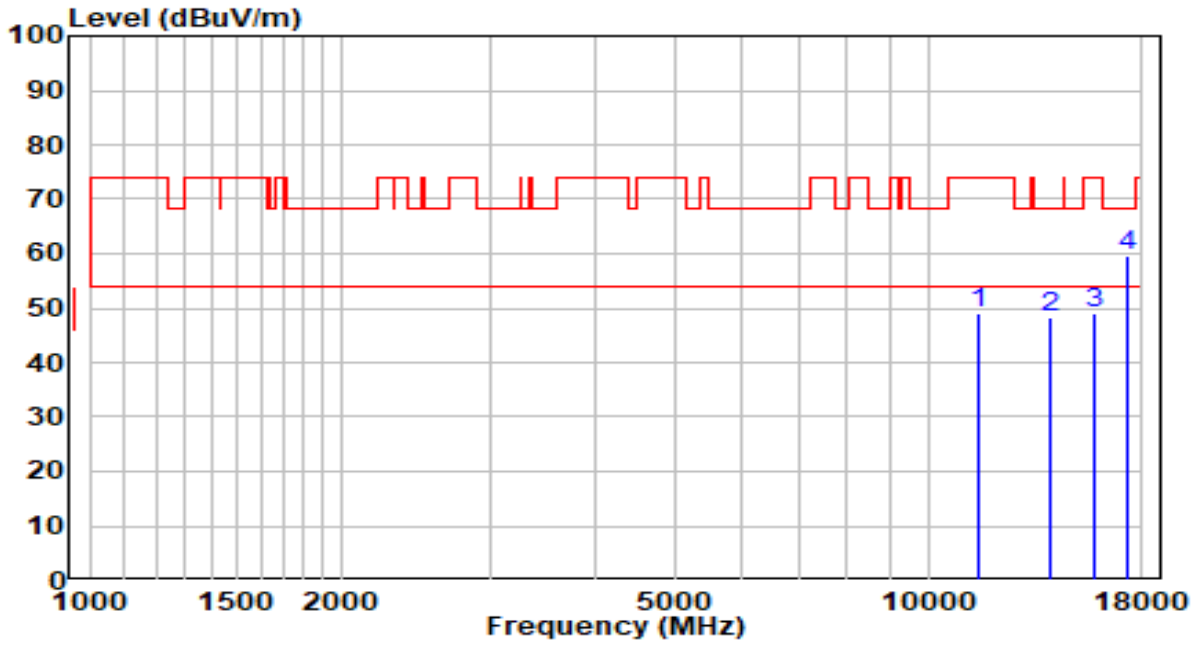
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

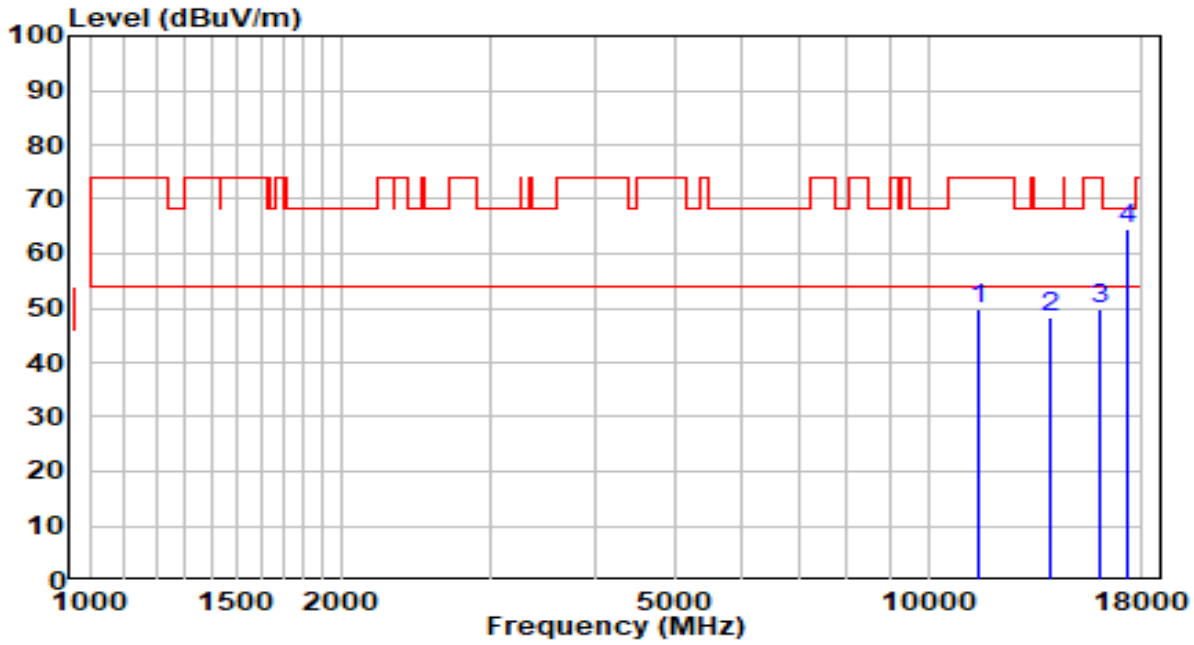


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	29.03	20.03	49.06	-24.94	74.00	Peak
2		13954.000	25.96	22.37	48.33	-19.87	68.20	Peak
3		15815.500	28.68	20.57	49.24	-24.76	74.00	Peak
4	*	17226.500	33.51	26.02	59.52	-8.68	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

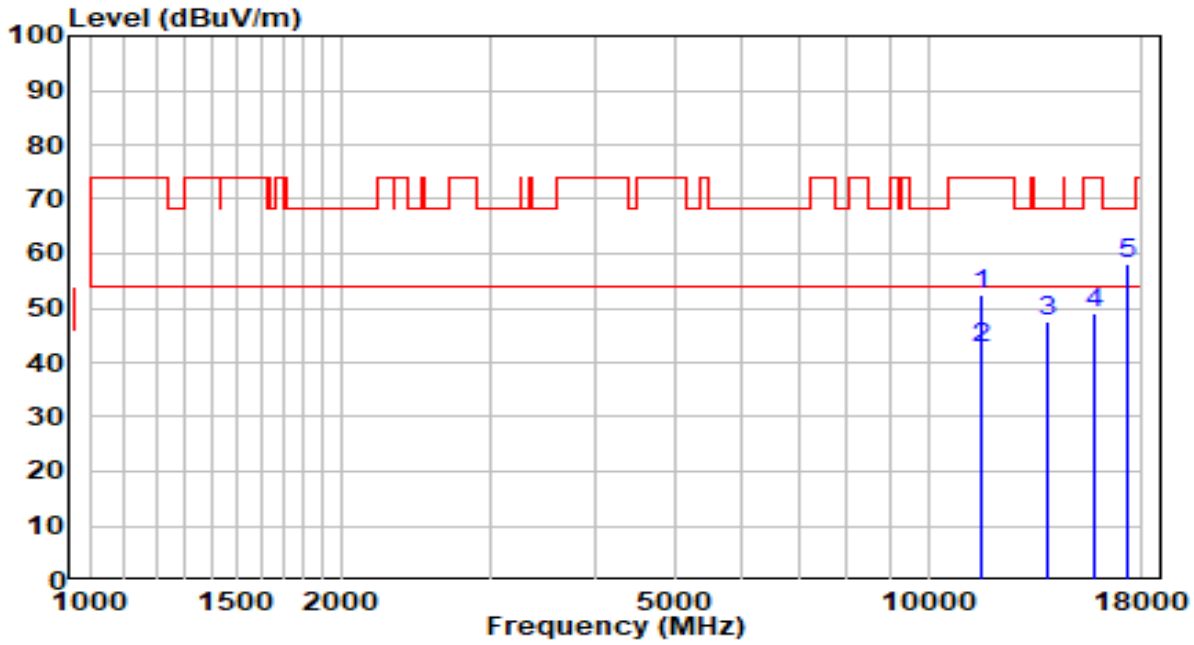


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11489.000	29.64	20.03	49.68	-24.32	74.00	Peak
2		14022.000	25.99	22.42	48.41	-19.79	68.20	Peak
3		16062.000	29.49	20.25	49.75	-24.25	74.00	Peak
4	*	17226.500	38.36	26.02	64.38	-3.82	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz 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		11574.000	32.54	19.88	52.42	-21.58	74.00	Peak
2		11574.000	22.77	19.88	42.65	-11.35	54.00	Average
3		13911.500	25.30	22.32	47.62	-20.58	68.20	Peak
4		15824.000	28.37	20.55	48.92	-25.08	74.00	Peak
5	*	17345.500	31.47	26.81	58.28	-9.92	68.20	Peak

Note:

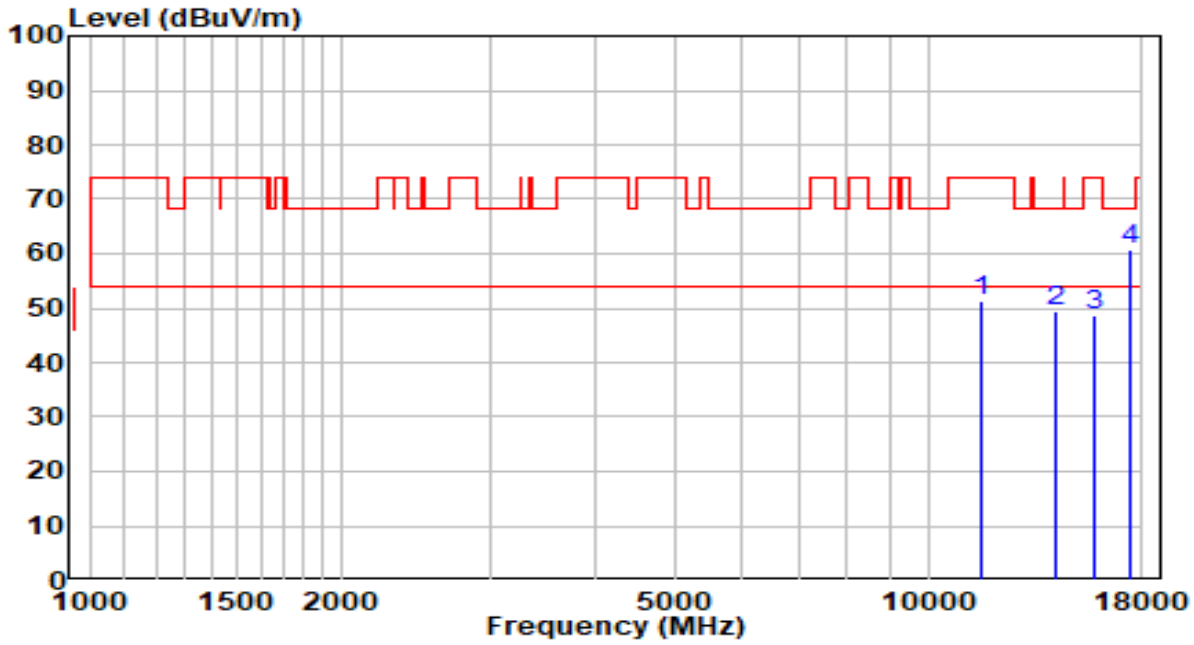
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5785MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

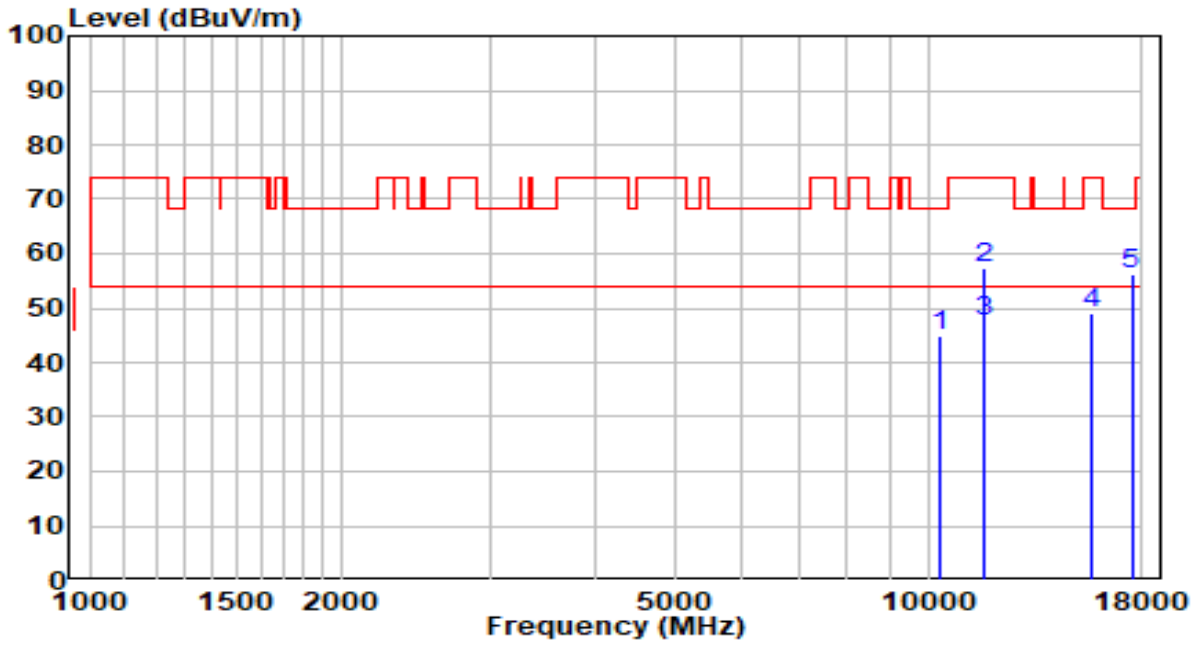


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11565.500	31.55	19.90	51.45	-22.55	74.00	Peak
2		14175.000	27.11	22.43	49.54	-18.66	68.20	Peak
3		15832.500	28.08	20.53	48.61	-25.39	74.00	Peak
4	*	17362.500	33.98	26.92	60.91	-7.29	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz 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		10307.500	26.92	17.80	44.72	-23.48	68.20	Peak
2		11642.000	37.57	19.73	57.30	-16.70	74.00	Peak
3	*	11642.000	27.65	19.73	47.38	-6.62	54.00	Average
4		15705.000	28.03	20.84	48.87	-25.13	74.00	Peak
5		17481.500	28.50	27.72	56.22	-11.98	68.20	Peak

Note:

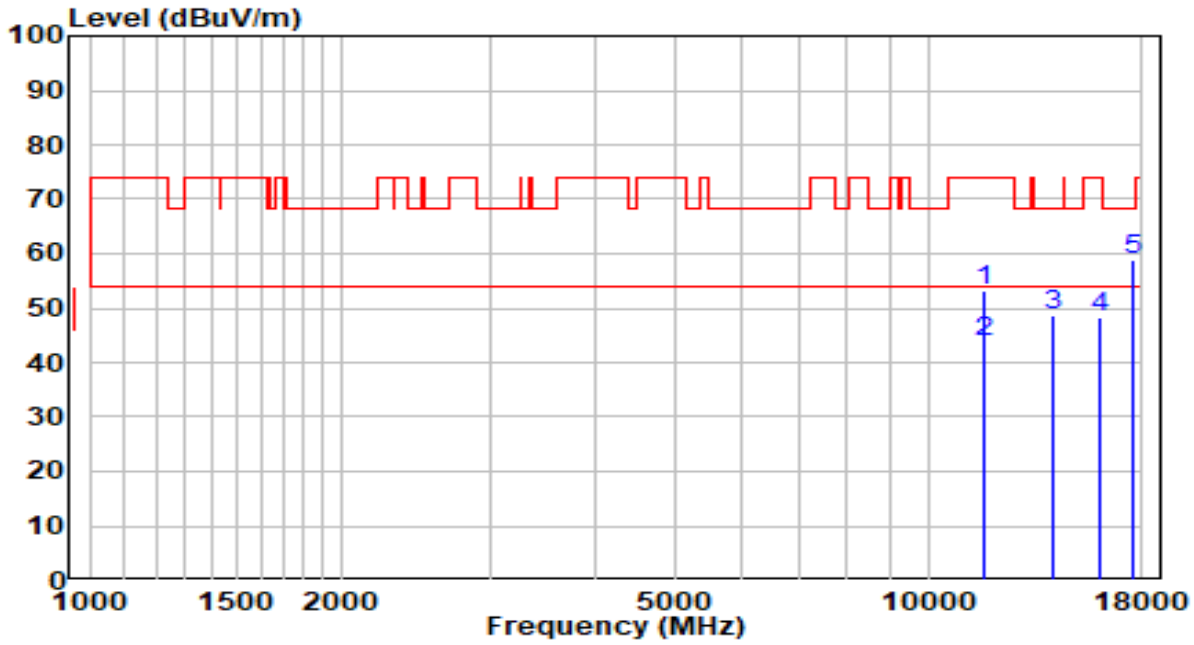
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz 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		11650.500	33.53	19.71	53.24	-20.76	74.00	Peak
2		11650.500	24.09	19.71	43.80	-10.20	54.00	Average
3		14090.000	26.29	22.43	48.72	-19.48	68.20	Peak
4		16036.500	28.21	20.19	48.41	-25.59	74.00	Peak
5	*	17490.000	31.25	27.77	59.03	-9.17	68.20	Peak

Note:

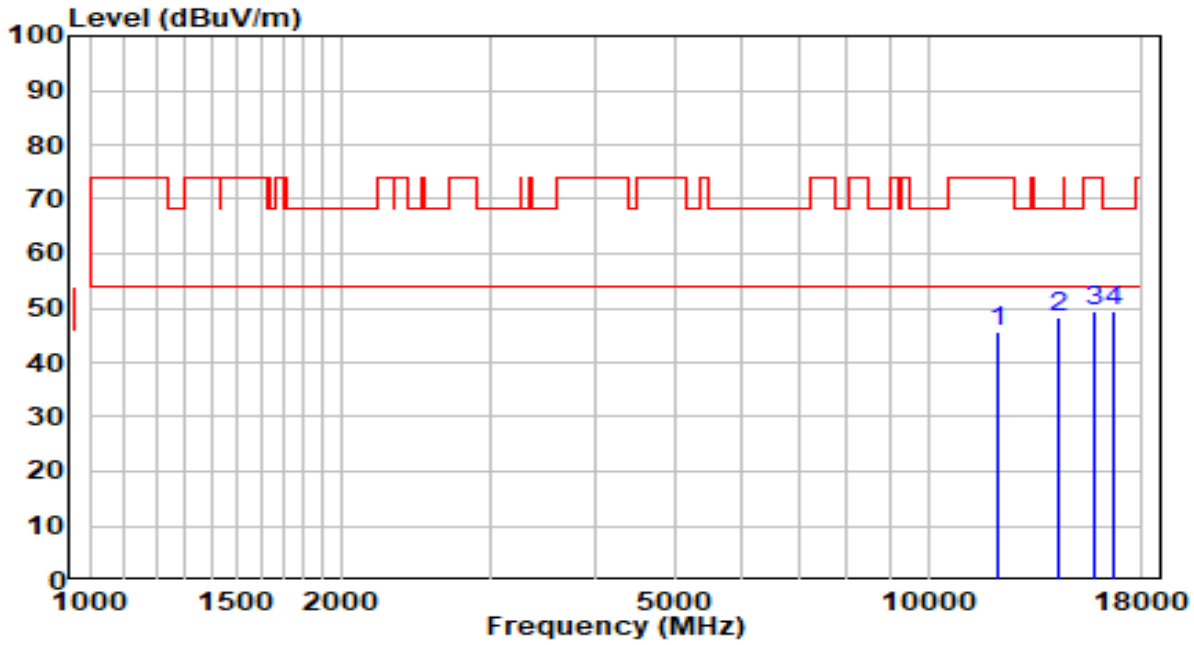
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

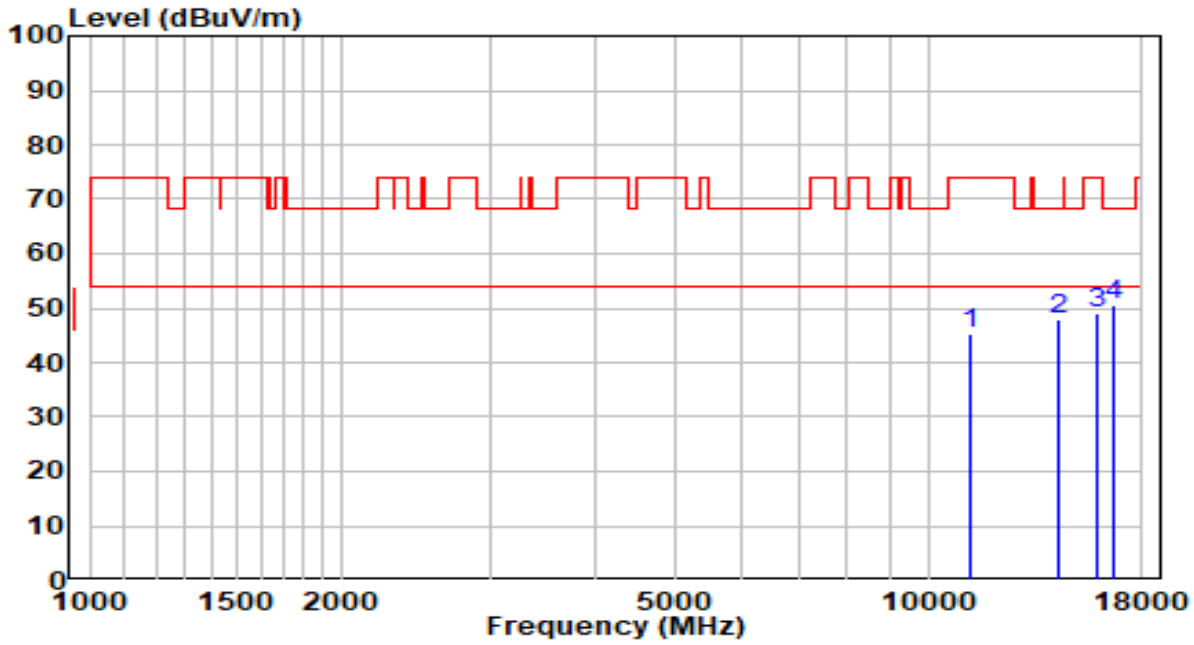


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		12101.000	26.95	18.82	45.76	-28.24	74.00	Peak
2		14268.500	26.02	22.44	48.46	-19.74	68.20	Peak
3		15832.500	28.88	20.53	49.40	-24.60	74.00	Peak
4	*	16631.500	27.42	22.11	49.54	-18.66	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

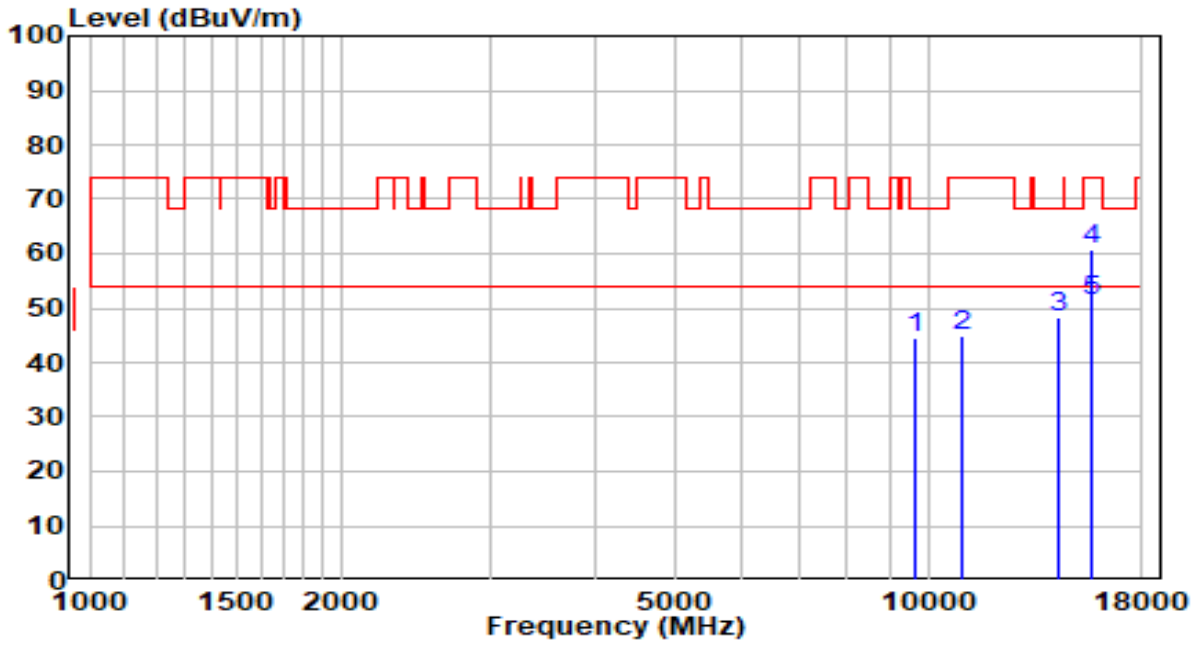


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11234.000	25.52	19.64	45.16	-28.84	74.00	Peak
2		14268.500	25.42	22.44	47.86	-20.34	68.20	Peak
3		15858.000	28.70	20.46	49.17	-24.83	74.00	Peak
4	*	16682.500	27.97	22.45	50.41	-17.79	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5230MHz 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		9670.000	28.71	16.01	44.71	-23.49	68.20	Peak
2		10945.000	25.63	19.20	44.83	-29.17	74.00	Peak
3		14336.500	25.99	22.44	48.43	-19.77	68.20	Peak
4		15688.000	39.83	20.88	60.72	-13.28	74.00	Peak
5	*	15688.000	30.35	20.88	51.23	-2.77	54.00	Average

Note:

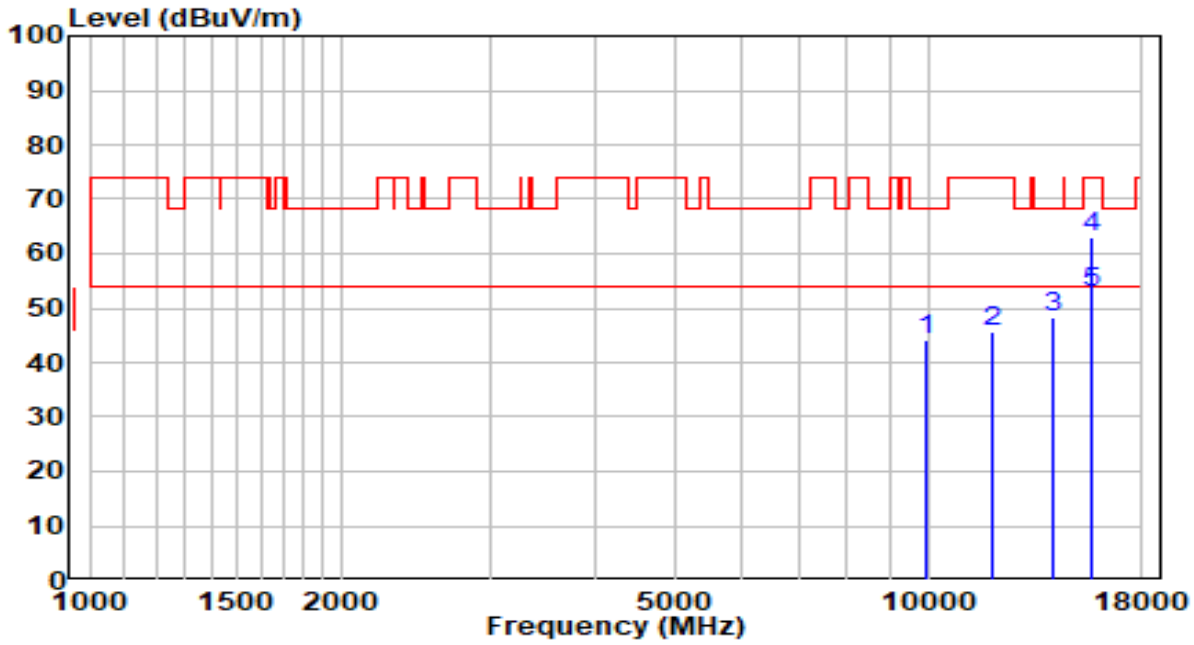
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5230MHz 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		9967.500	27.61	16.51	44.12	-24.08	68.20	Peak
2		11905.500	26.57	19.13	45.70	-28.30	74.00	Peak
3		14064.500	25.71	22.42	48.13	-20.07	68.20	Peak
4		15688.000	42.15	20.88	63.03	-10.97	74.00	Peak
5	*	15688.000	31.88	20.88	52.76	-1.24	54.00	Average

Note:

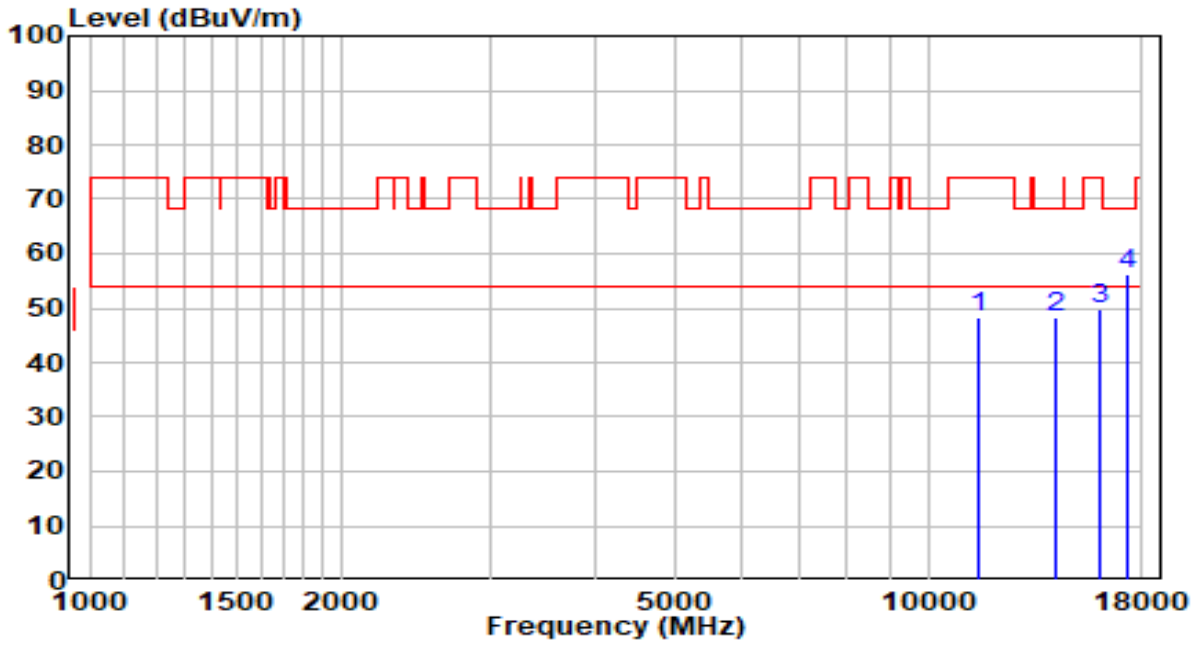
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

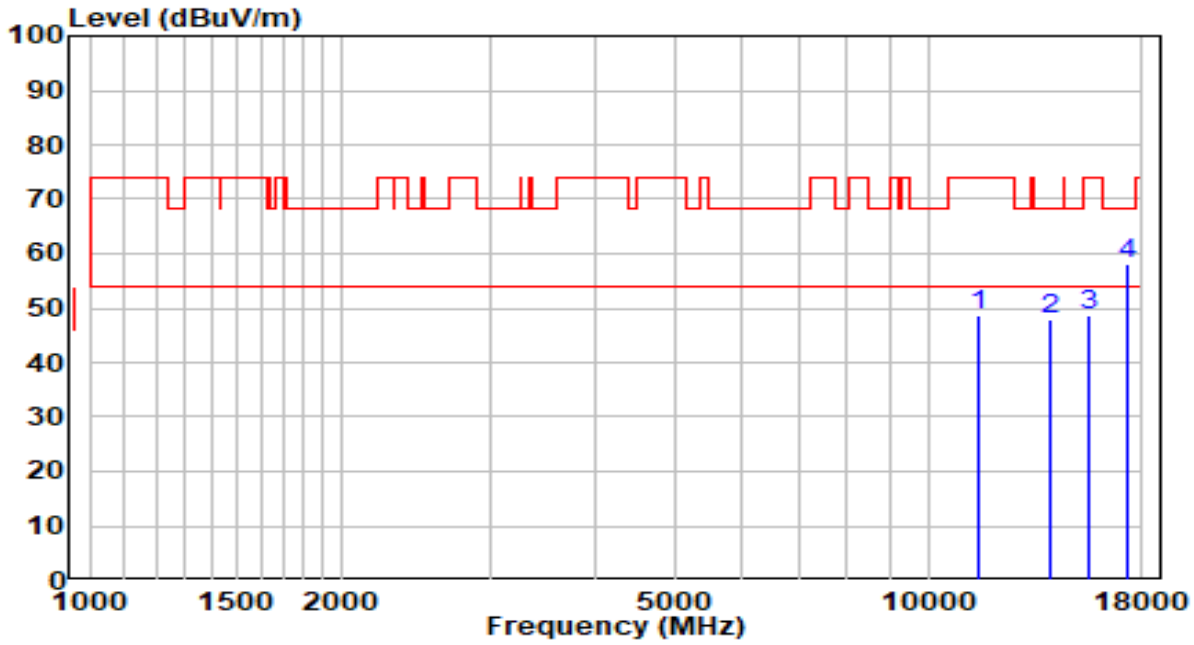


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11506.000	28.19	20.04	48.23	-25.77	74.00	Peak
2		14234.500	25.92	22.44	48.36	-19.84	68.20	Peak
3		16053.500	29.44	20.23	49.67	-24.33	74.00	Peak
4	*	17260.500	29.82	26.24	56.06	-12.14	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

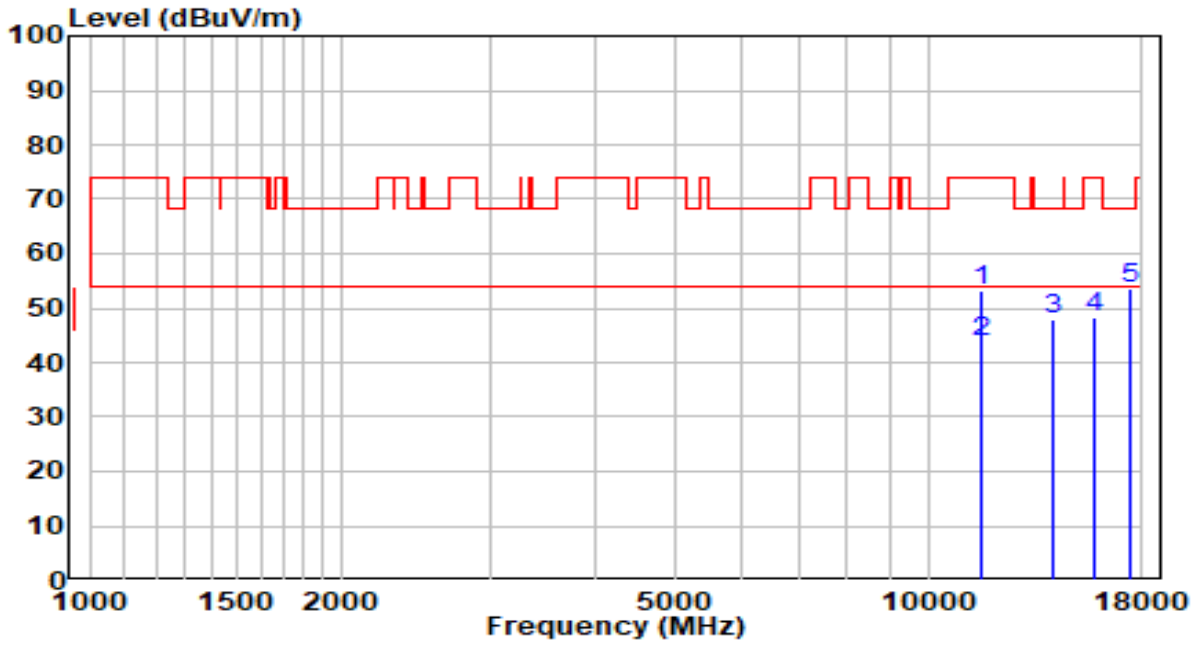


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11506.000	28.63	20.04	48.67	-25.33	74.00	Peak
2		13962.500	25.72	22.38	48.10	-20.10	68.20	Peak
3		15594.500	27.54	21.12	48.66	-25.34	74.00	Peak
4	*	17252.000	32.07	26.19	58.25	-9.95	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz 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		11591.000	33.22	19.84	53.06	-20.94	74.00	Peak
2	*	11591.000	24.03	19.84	43.87	-10.13	54.00	Average
3		14056.000	25.48	22.42	47.90	-20.30	68.20	Peak
4		15832.500	27.82	20.53	48.34	-25.66	74.00	Peak
5		17396.500	26.57	27.15	53.72	-14.48	68.20	Peak

Note:

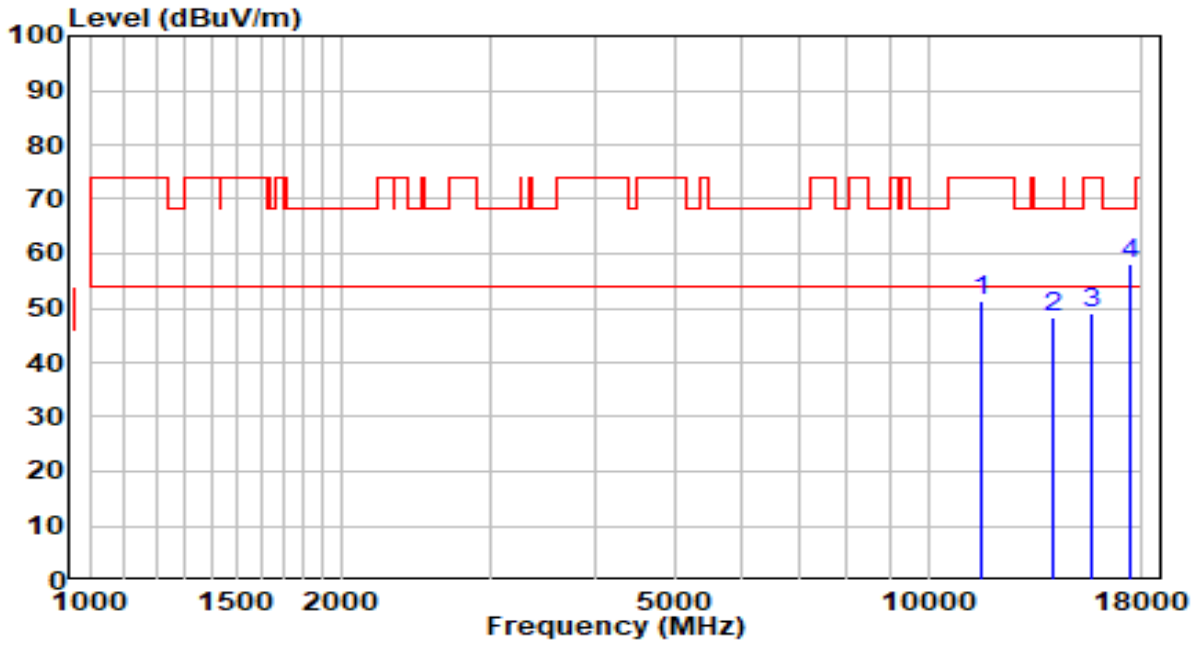
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

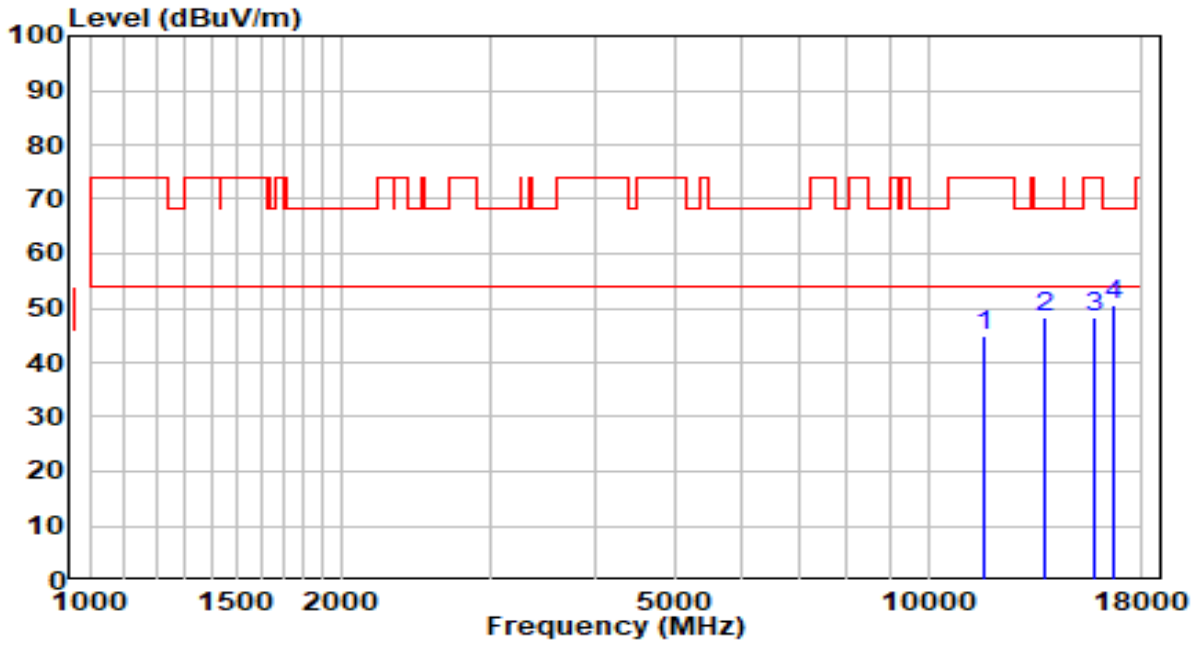


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11591.000	31.54	19.84	51.39	-22.61	74.00	Peak
2		14141.000	25.83	22.43	48.26	-19.94	68.20	Peak
3		15679.500	28.30	20.90	49.20	-24.80	74.00	Peak
4	*	17379.500	31.14	27.04	58.18	-10.02	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	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		11693.000	25.17	19.61	44.78	-29.22	74.00	Peak
2		13784.000	25.96	22.18	48.13	-20.07	68.20	Peak
3		15764.500	27.78	20.69	48.47	-25.53	74.00	Peak
4	*	16665.500	28.22	22.34	50.56	-17.64	68.20	Peak

Note:

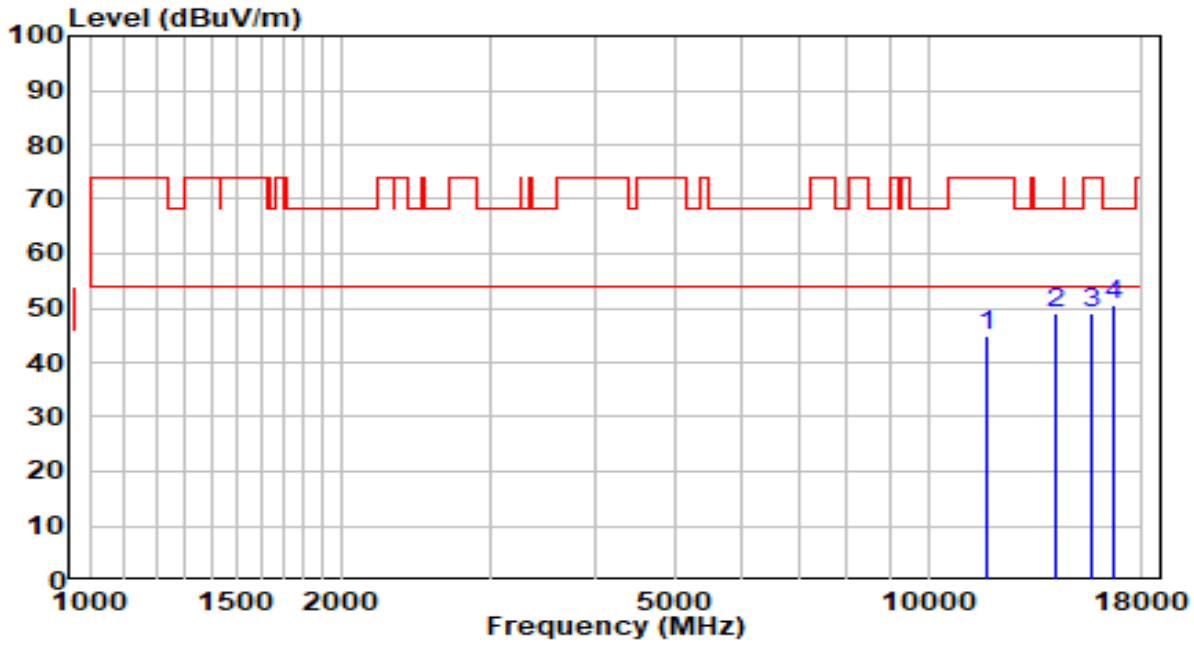
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	Test Voltage	120V/60Hz

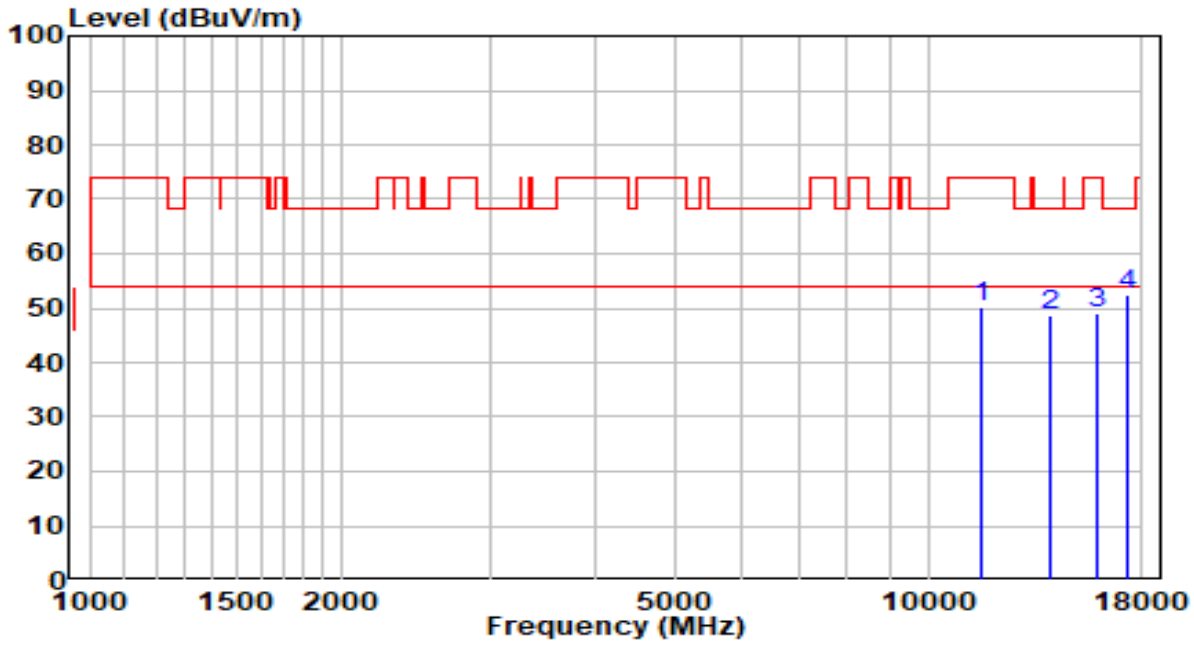


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11718.500	25.35	19.56	44.91	-29.09	74.00	Peak
2		14158.000	26.50	22.43	48.93	-19.27	68.20	Peak
3		15654.000	28.11	20.97	49.07	-24.93	74.00	Peak
4	*	16682.500	27.96	22.45	50.41	-17.79	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ax-HE80	Test Voltage	120V/60Hz

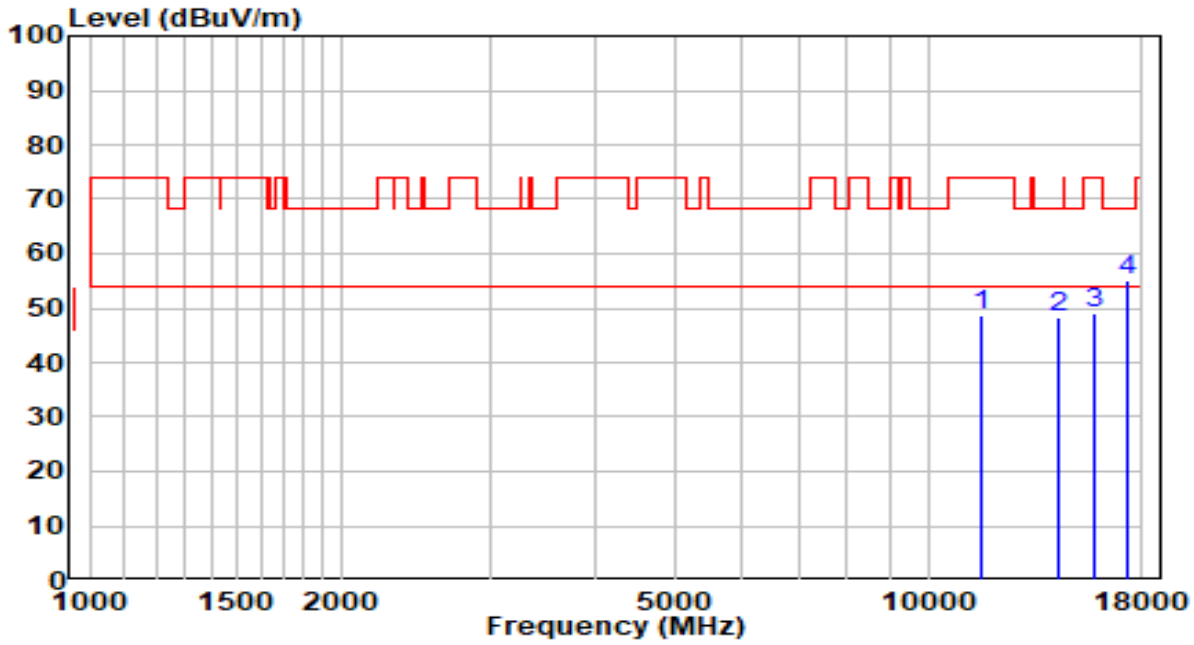


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11582.500	30.44	19.86	50.30	-23.70	74.00	Peak
2		13979.500	26.16	22.40	48.56	-19.64	68.20	Peak
3		15858.000	28.72	20.46	49.18	-24.82	74.00	Peak
4	*	17345.500	25.79	26.81	52.61	-15.59	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ax-HE80	Test Voltage	120V/60Hz

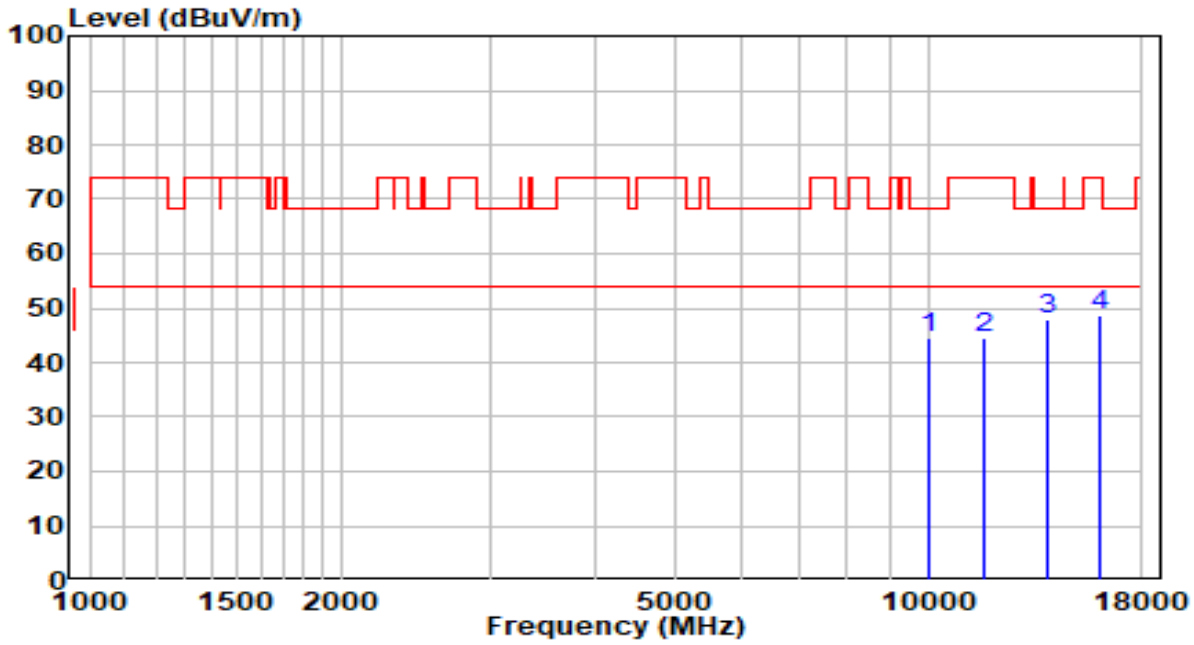


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		11565.500	28.63	19.90	48.53	-25.47	74.00	Peak
2		14260.000	25.77	22.44	48.21	-19.99	68.20	Peak
3		15747.500	28.14	20.74	48.88	-25.12	74.00	Peak
4	*	17294.500	28.58	26.47	55.05	-13.15	68.20	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).
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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	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		10010.000	27.76	16.60	44.36	-23.84	68.20	Peak
2		11633.500	24.87	19.75	44.61	-29.39	74.00	Peak
3	*	13877.500	25.72	22.28	48.00	-20.20	68.20	Peak
4		16028.000	28.44	20.17	48.62	-25.38	74.00	Peak

Note:

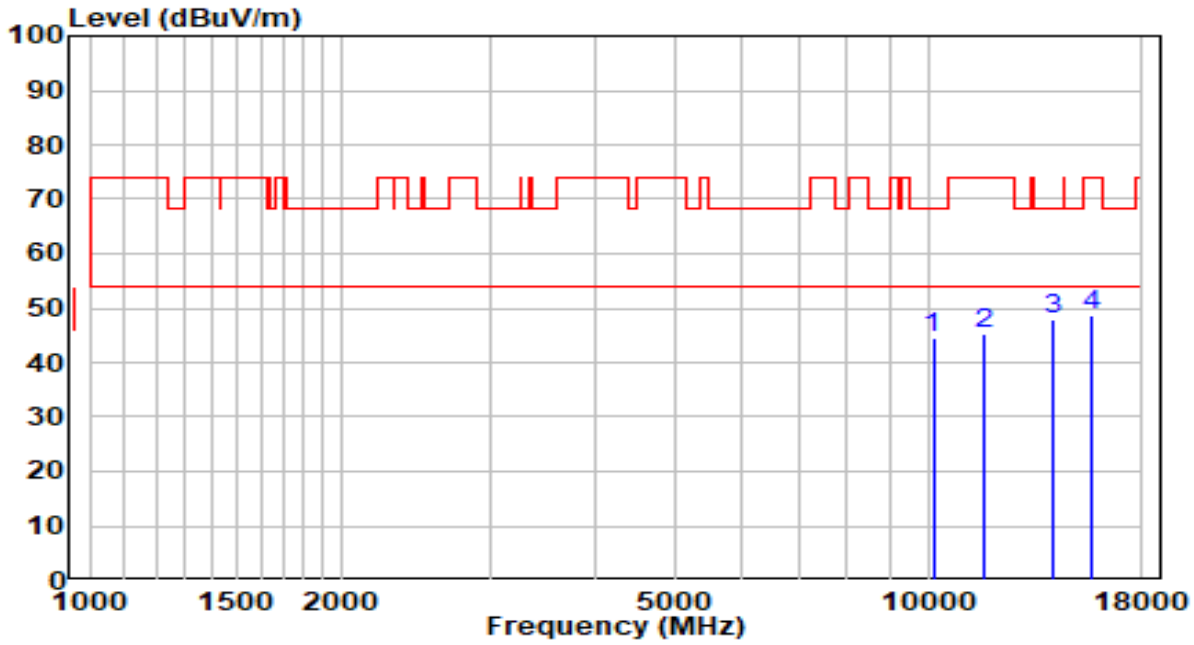
1. " *", means this data is the worst emission level.

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

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

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	2021-12-13
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.3℃/48.5%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	Test Voltage	120V/60Hz



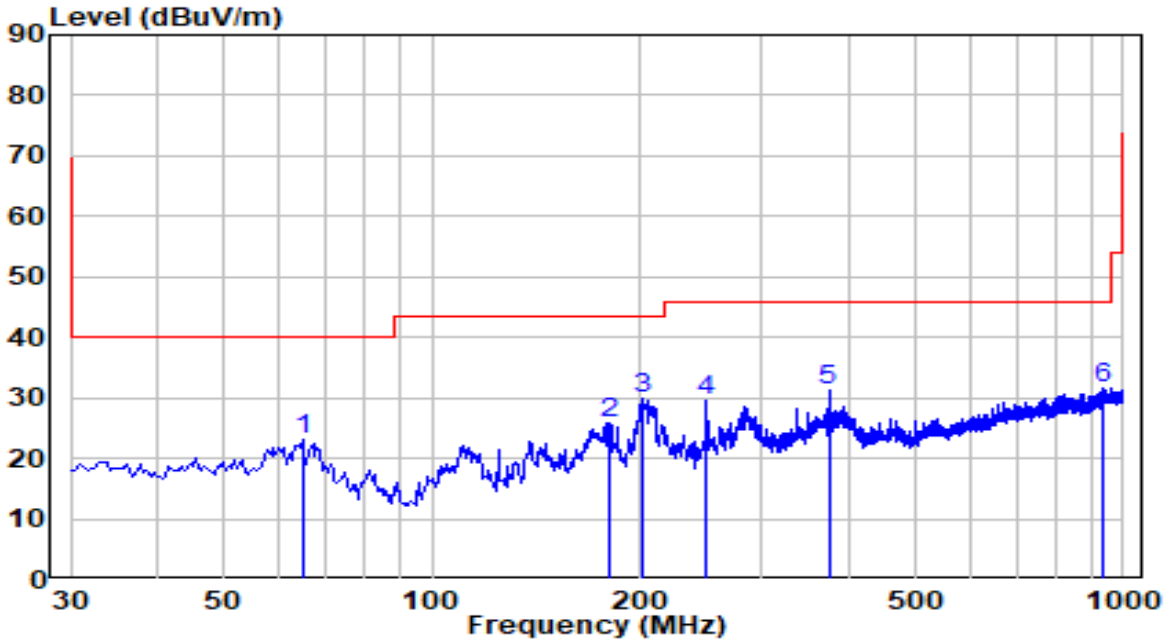
No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		10137.500	27.35	17.11	44.46	-23.74	68.20	Peak
2		11650.500	25.51	19.71	45.22	-28.78	74.00	Peak
3	*	14064.500	25.61	22.42	48.03	-20.17	68.20	Peak
4		15662.500	27.89	20.95	48.83	-25.17	74.00	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).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

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 5180MHz by 802.11a	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		64.920	4.65	18.62	23.26	-16.74	40.00	Peak
2		180.835	8.24	17.51	25.75	-17.75	43.50	Peak
3	*	201.205	10.58	19.19	29.77	-13.73	43.50	Peak
4		249.705	8.94	20.53	29.47	-16.53	46.00	Peak
5		374.835	7.54	23.64	31.18	-14.82	46.00	Peak
6		931.130	-0.39	32.01	31.62	-14.38	46.00	Peak

Note:

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

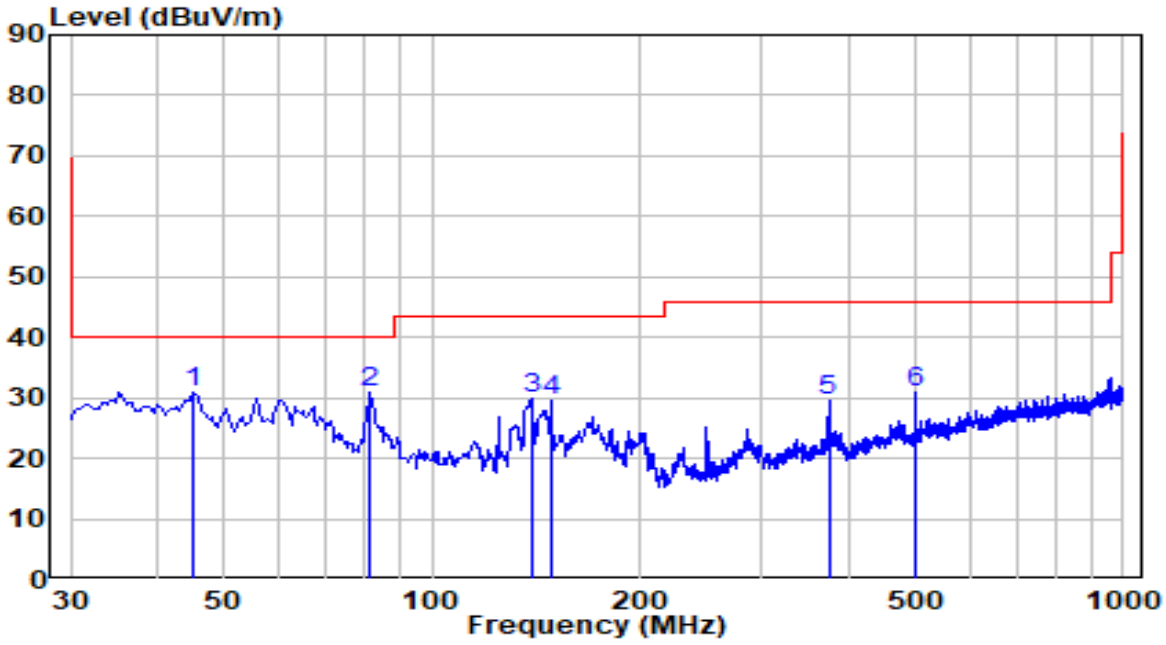
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB).

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

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

5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), 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 5180MHz by 802.11a	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	*	45.035	9.26	21.81	31.06	-8.94	40.00	Peak
2		81.410	16.06	14.71	30.77	-9.23	40.00	Peak
3		139.125	13.94	16.05	29.99	-13.51	43.50	Peak
4		148.340	13.53	15.98	29.52	-13.98	43.50	Peak
5		374.835	5.85	23.64	29.49	-16.51	46.00	Peak
6		499.965	4.68	26.22	30.90	-15.10	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 emission levels of other frequencies are very lower than the limit and not show in test report.

5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), 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.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[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 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz.

1) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

2) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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

7.9.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.9.3.Test Setting

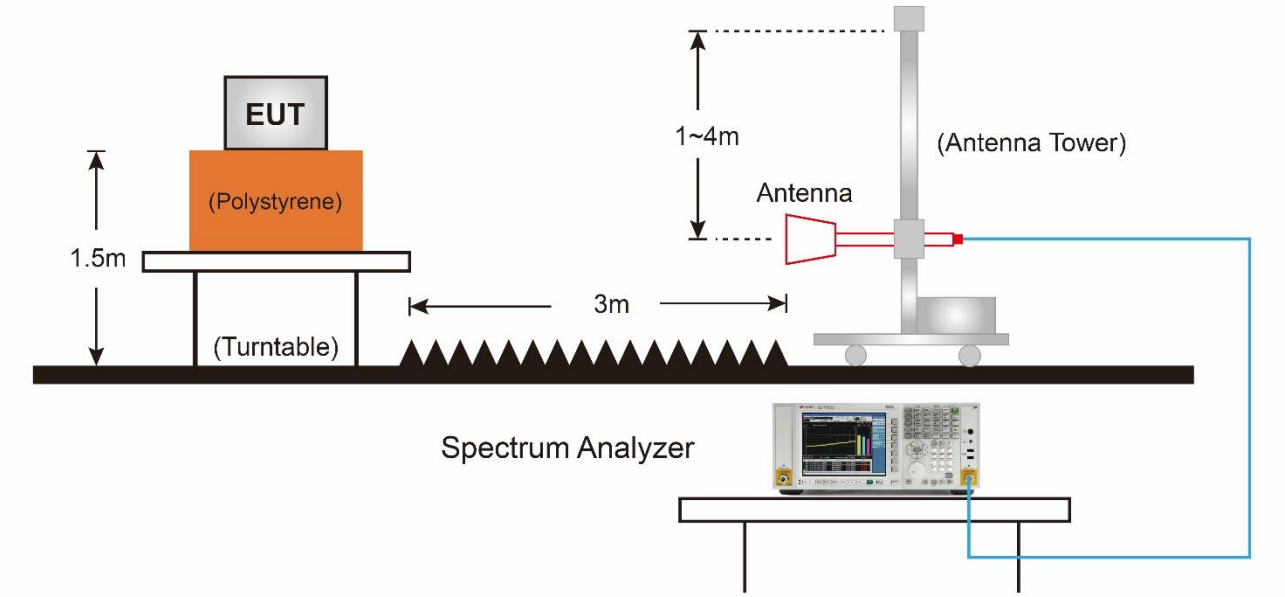
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

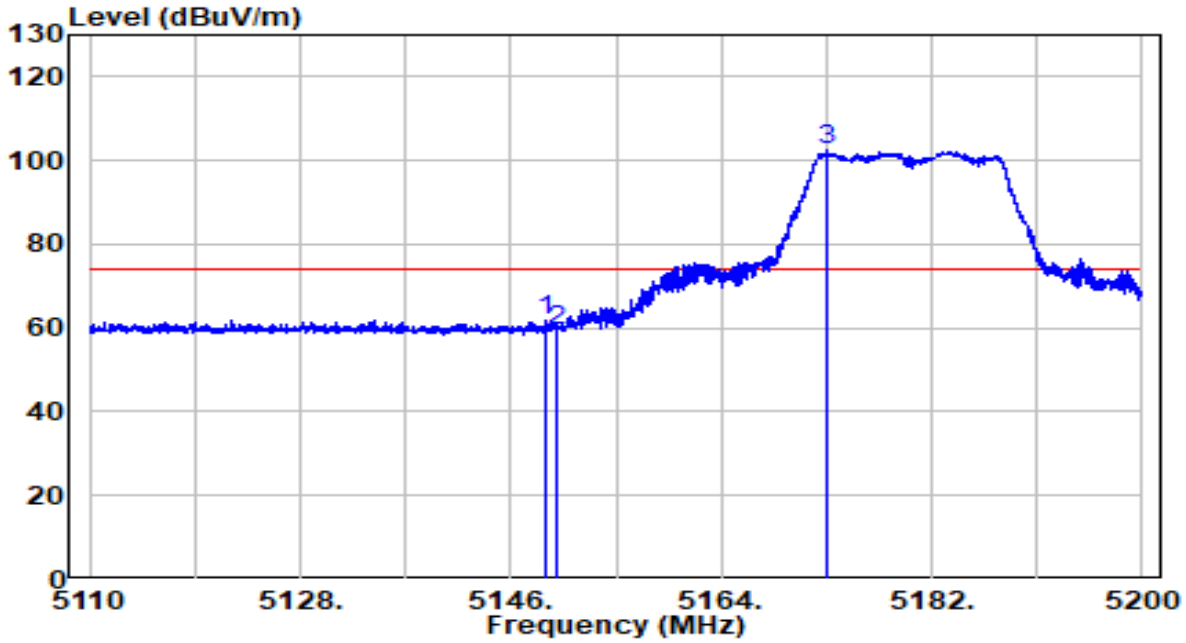
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.
4. Detector = Peak
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.

7.9.4.Test Setup



7.9.5.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	Test Voltage	120V/60Hz

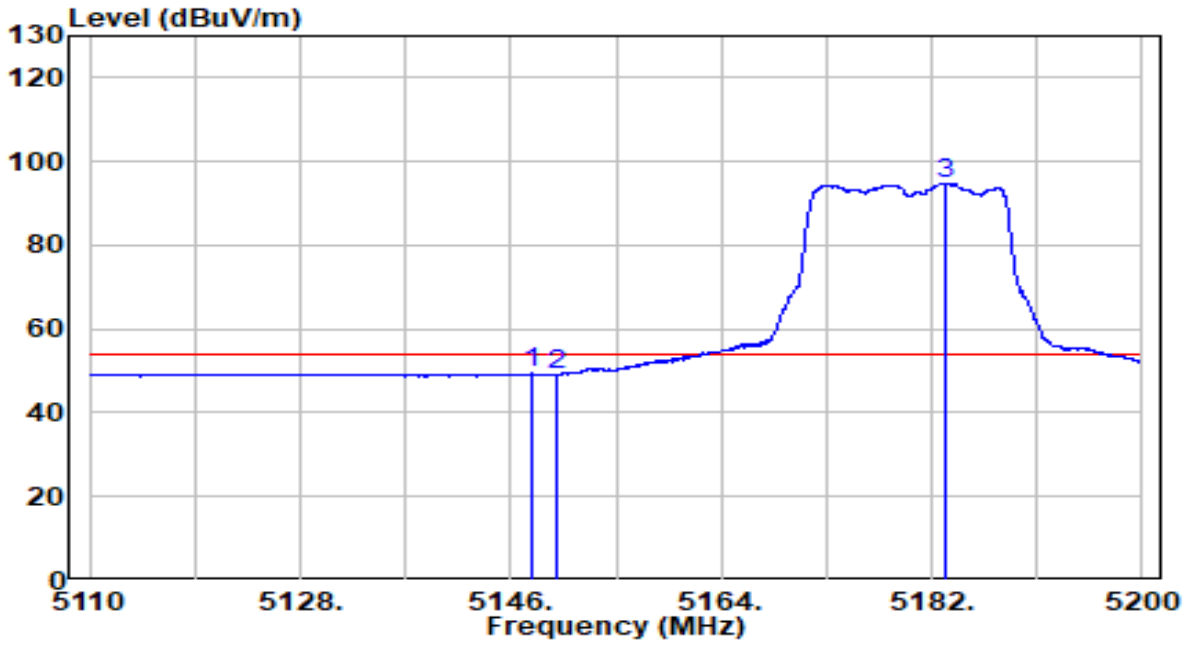


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5149.060	57.78	4.19	61.97	-12.03	74.00	Peak
2		5150.000	55.41	4.20	59.60	-14.40	74.00	Peak
3	*	5173.135	98.05	4.23	102.28	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	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		5147.755	45.11	4.19	49.30	-4.70	54.00	Average
2		5150.000	44.84	4.20	49.04	-4.96	54.00	Average
3	*	5183.080	90.46	4.25	94.71	N/A	N/A	Average

Note:

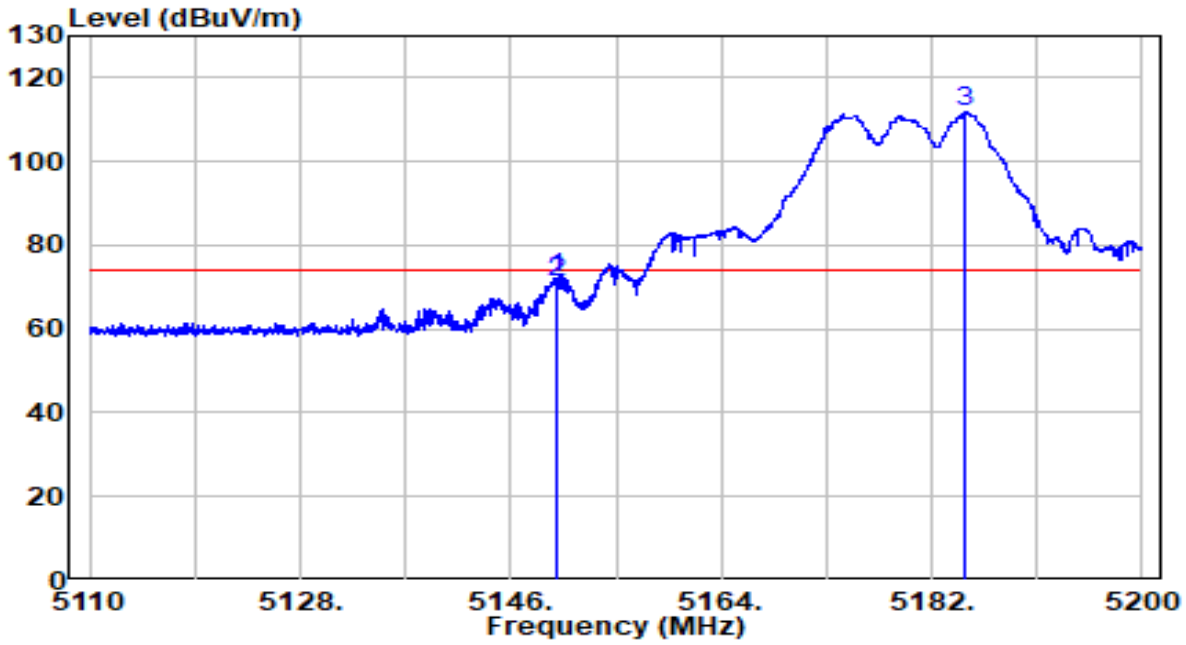
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	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		5149.915	68.01	4.20	72.21	-1.79	74.00	Peak
2		5150.000	66.77	4.20	70.96	-3.04	74.00	Peak
3	*	5184.925	107.42	4.25	111.67	N/A	N/A	Peak

Note:

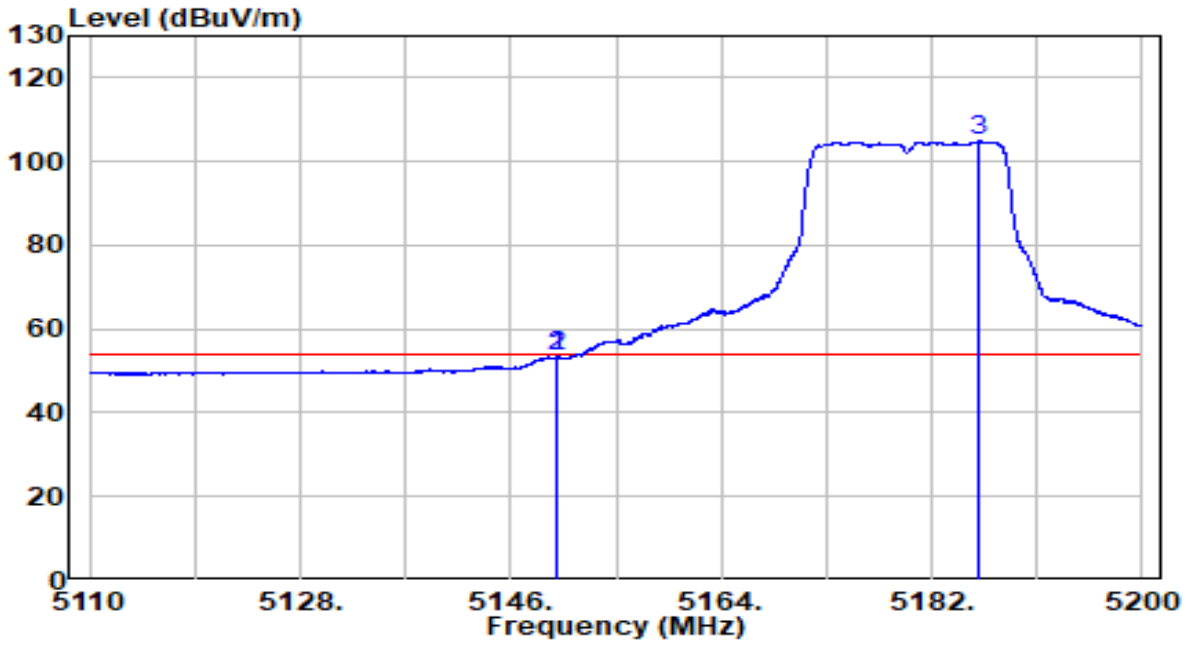
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11a	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		5149.960	49.22	4.20	53.42	-0.58	54.00	Average
2		5150.000	49.08	4.20	53.27	-0.73	54.00	Average
3	*	5186.095	100.60	4.26	104.85	N/A	N/A	Average

Note:

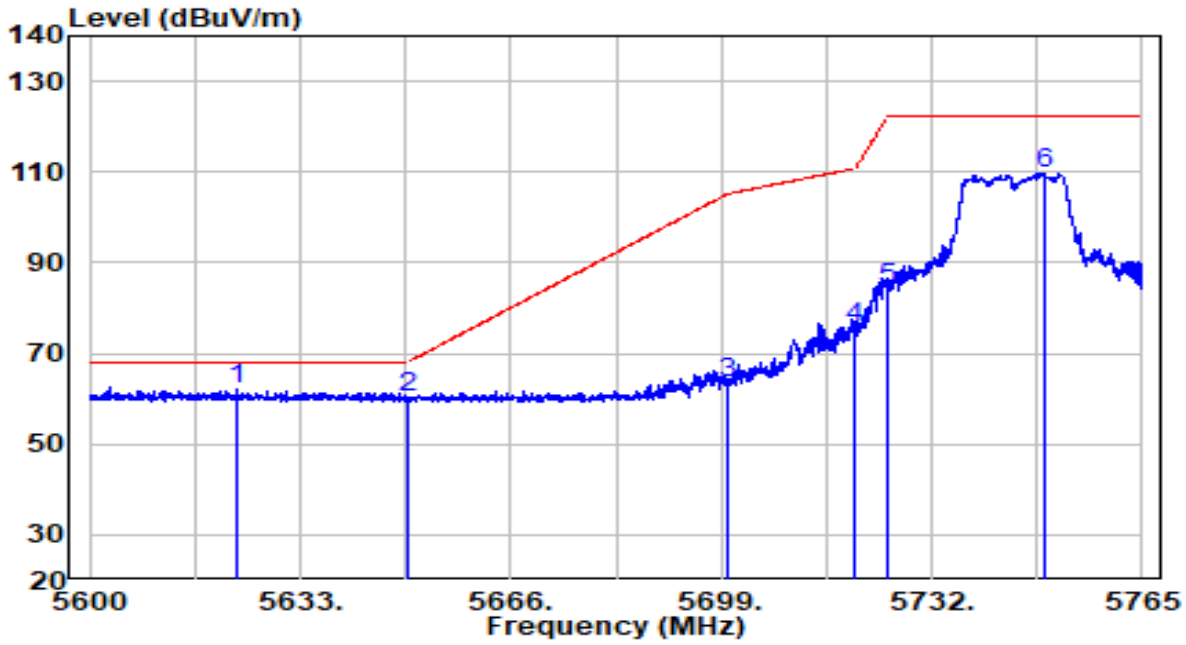
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	Test Voltage	120V/60Hz

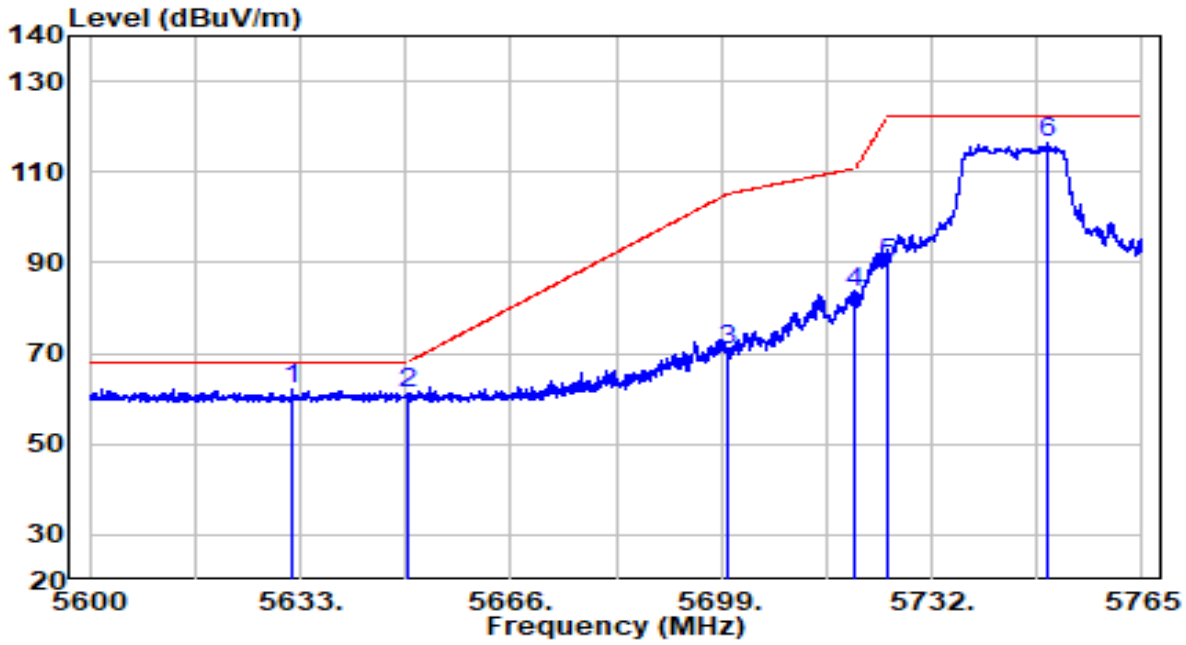


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5623.100	56.88	5.22	62.10	-6.10	68.20	Peak
2		5650.000	55.11	5.32	60.43	-7.77	68.20	Peak
3		5700.000	57.99	5.50	63.49	-41.71	105.20	Peak
4		5720.000	70.21	5.57	75.78	-35.02	110.80	Peak
5		5725.000	78.66	5.59	84.25	-37.95	122.20	Peak
6		5749.572	104.00	5.68	109.68	-12.52	122.20	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).
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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	Test Voltage	120V/60Hz

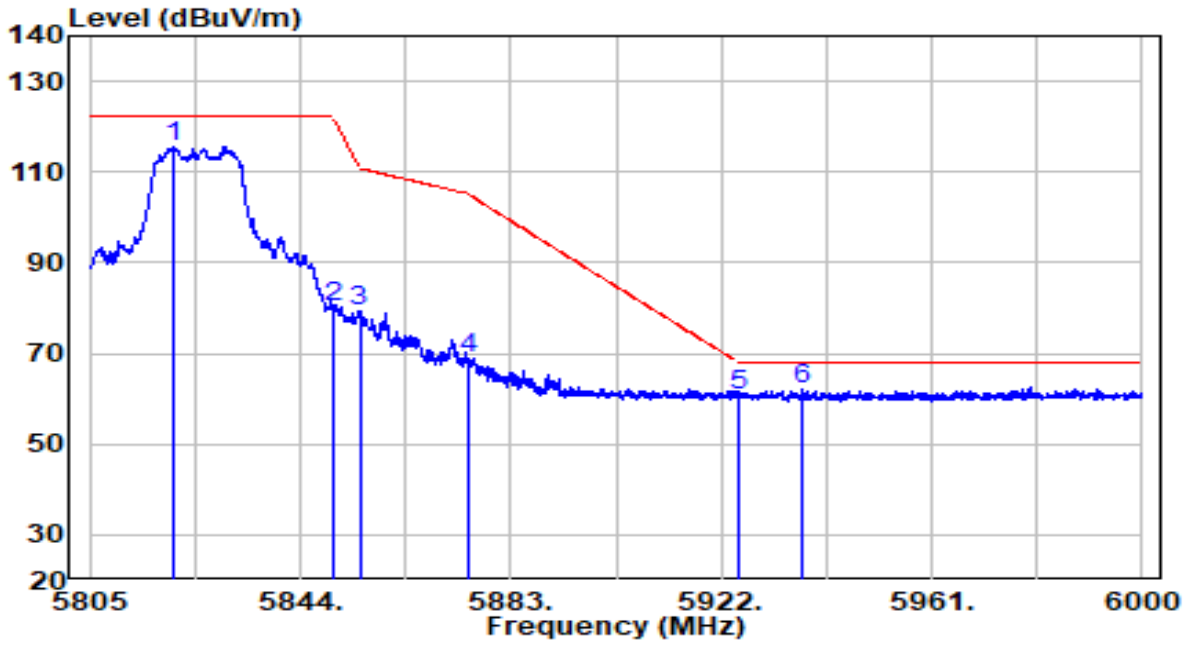


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5631.680	56.78	5.25	62.03	-6.17	68.20	Peak
2		5650.000	55.72	5.32	61.03	-7.17	68.20	Peak
3		5700.000	65.36	5.50	70.86	-34.34	105.20	Peak
4		5720.000	77.82	5.57	83.40	-27.40	110.80	Peak
5		5725.000	84.08	5.59	89.67	-32.53	122.20	Peak
6	*	5749.985	110.69	5.68	116.37	-5.83	122.20	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).
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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11a	Test Voltage	120V/60Hz

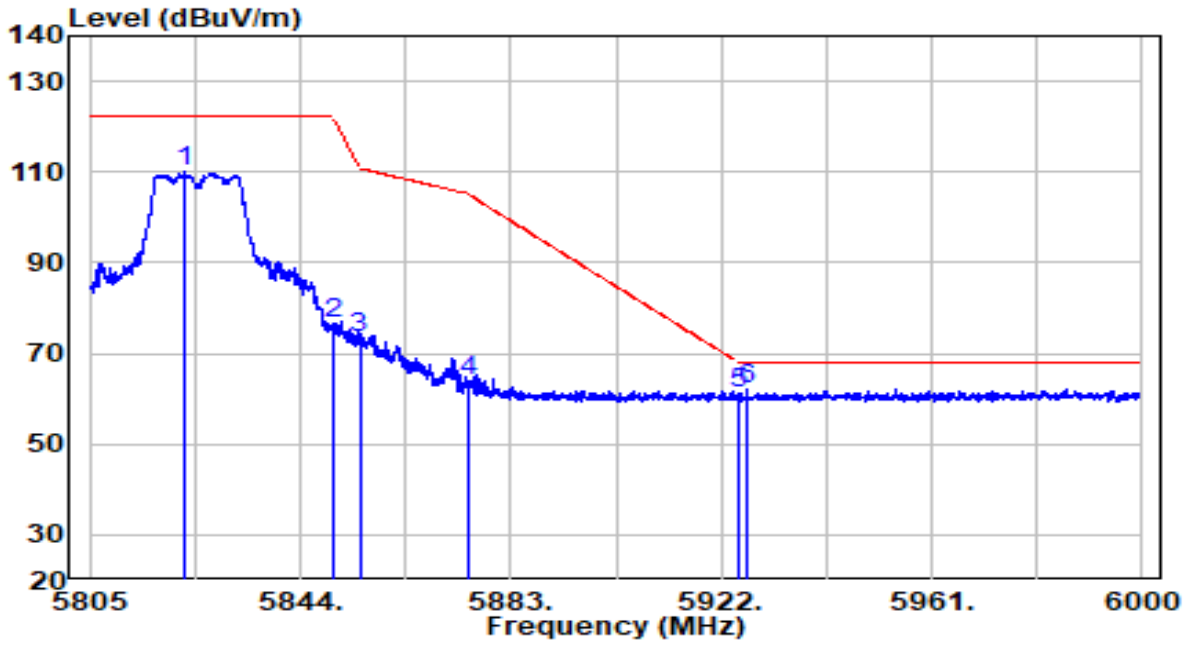


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5820.697	109.64	5.94	115.58	-6.62	122.20	Peak
2		5850.000	73.96	6.04	80.00	-42.20	122.20	Peak
3		5855.000	73.24	6.06	79.30	-31.50	110.80	Peak
4		5875.000	62.76	6.13	68.90	-36.30	105.20	Peak
5		5925.000	54.39	6.32	60.70	-7.50	68.20	Peak
6	*	5937.112	55.66	6.36	62.03	-6.17	68.20	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).
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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11a	Test Voltage	120V/60Hz

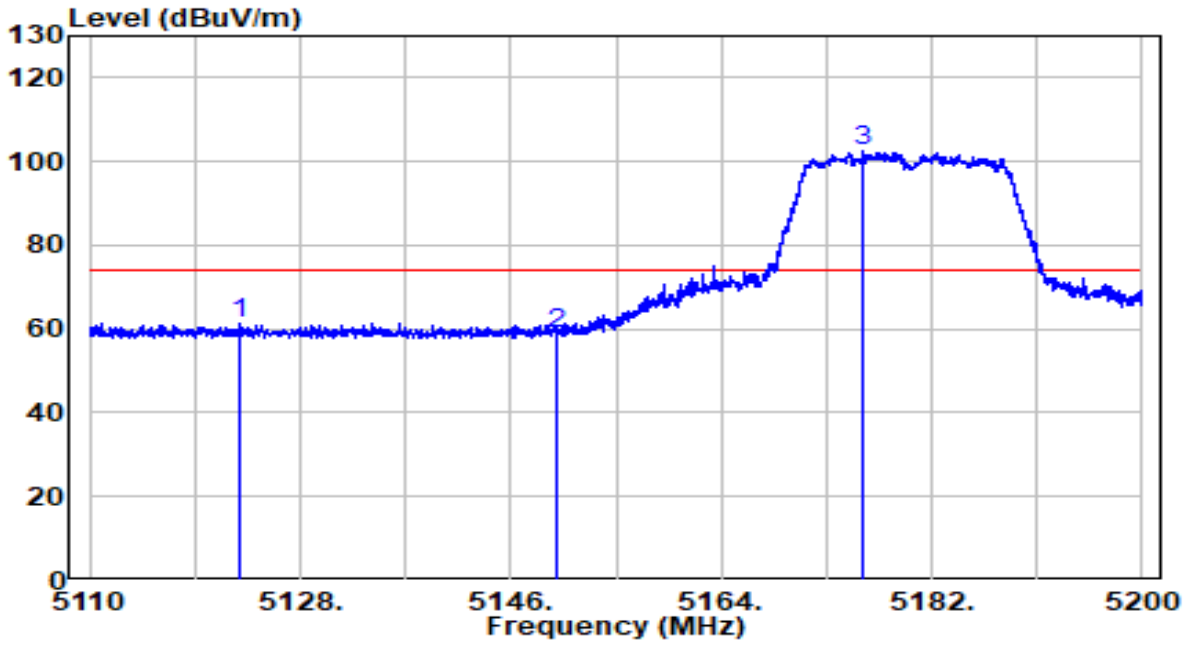


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5822.647	103.98	5.94	109.93	-12.27	122.20	Peak
2		5850.000	70.76	6.04	76.80	-45.40	122.20	Peak
3		5855.000	67.58	6.06	73.64	-37.16	110.80	Peak
4		5875.000	57.69	6.13	63.82	-41.38	105.20	Peak
5		5925.000	54.88	6.32	61.20	-7.00	68.20	Peak
6	*	5926.875	55.91	6.32	62.23	-5.97	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	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		5122.825	57.33	4.15	61.48	-12.52	74.00	Peak
2		5150.000	54.82	4.20	59.01	-14.99	74.00	Peak
3	*	5176.060	98.21	4.24	102.44	N/A	N/A	Peak

Note:

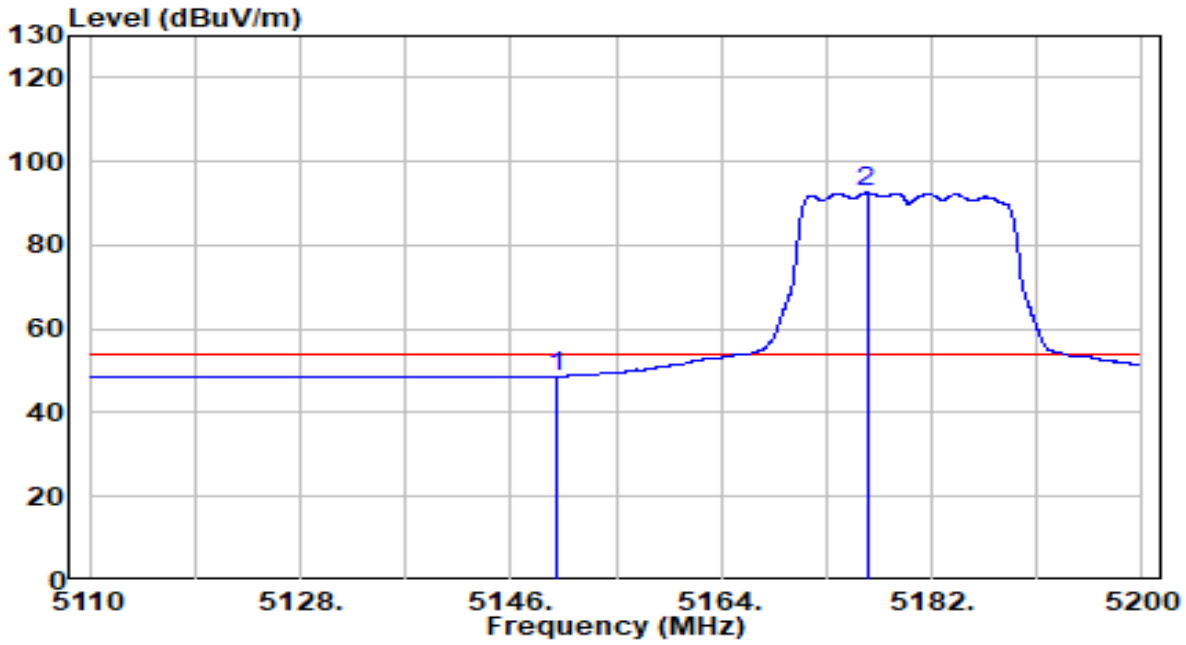
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	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		5150.000	44.46	4.20	48.65	-5.35	54.00	Average
2	*	5176.465	88.25	4.24	92.49	N/A	N/A	Average

Note:

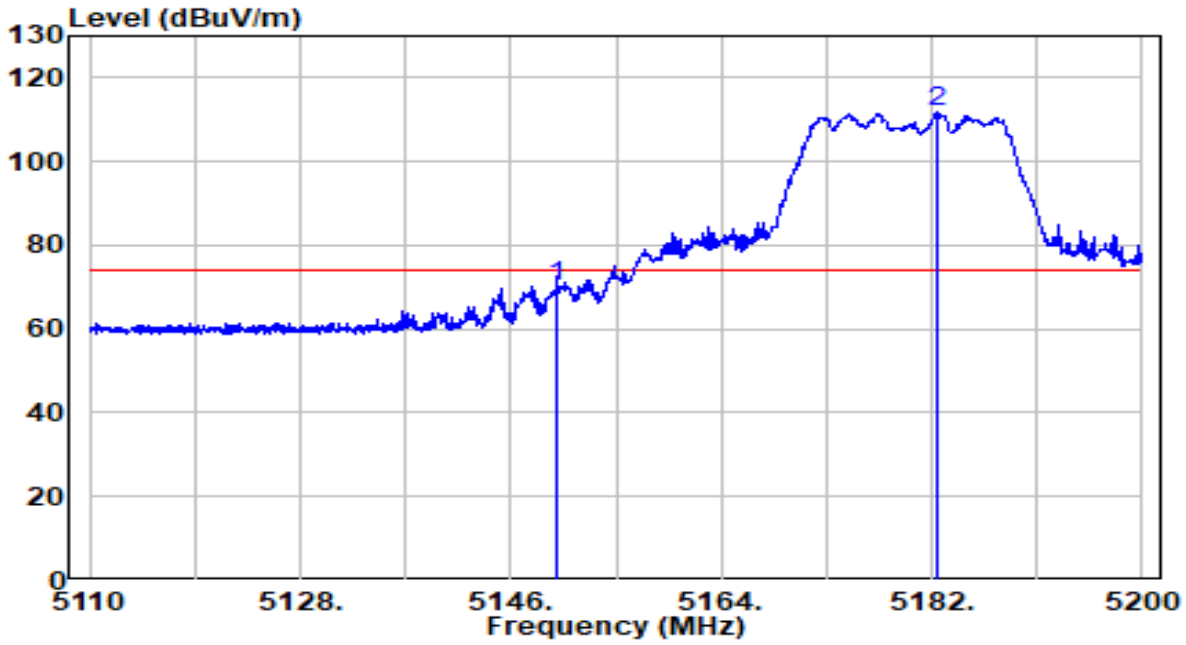
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

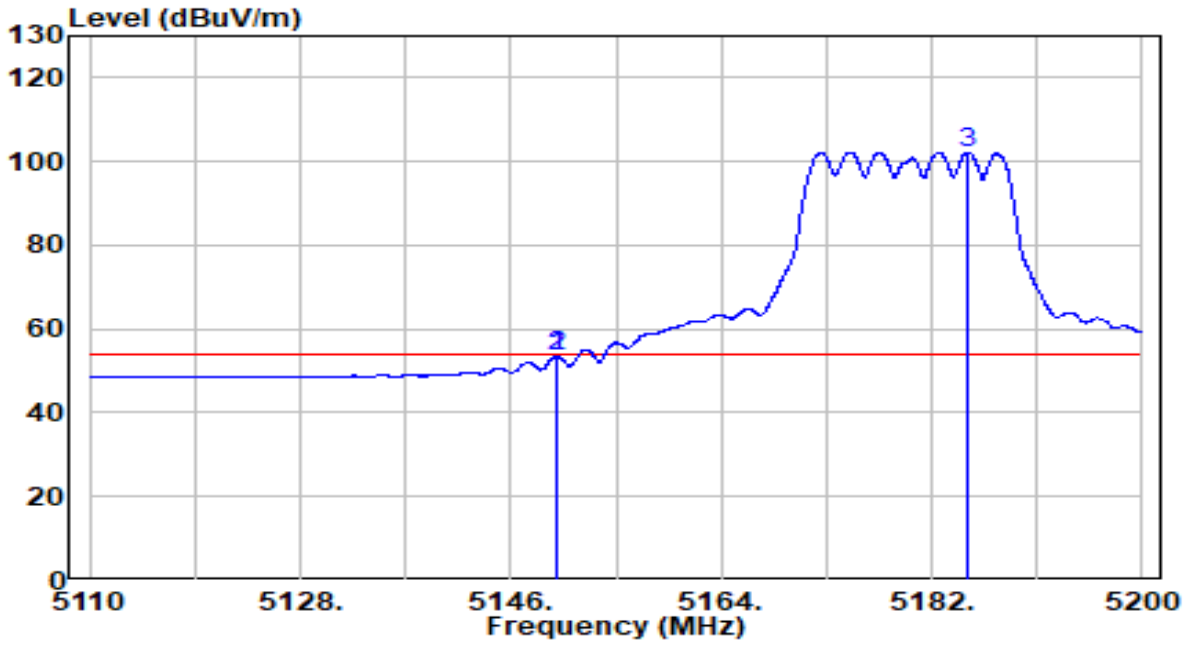


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5150.000	65.98	4.20	70.18	-3.82	74.00	Peak
2	*	5182.405	107.47	4.25	111.72	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

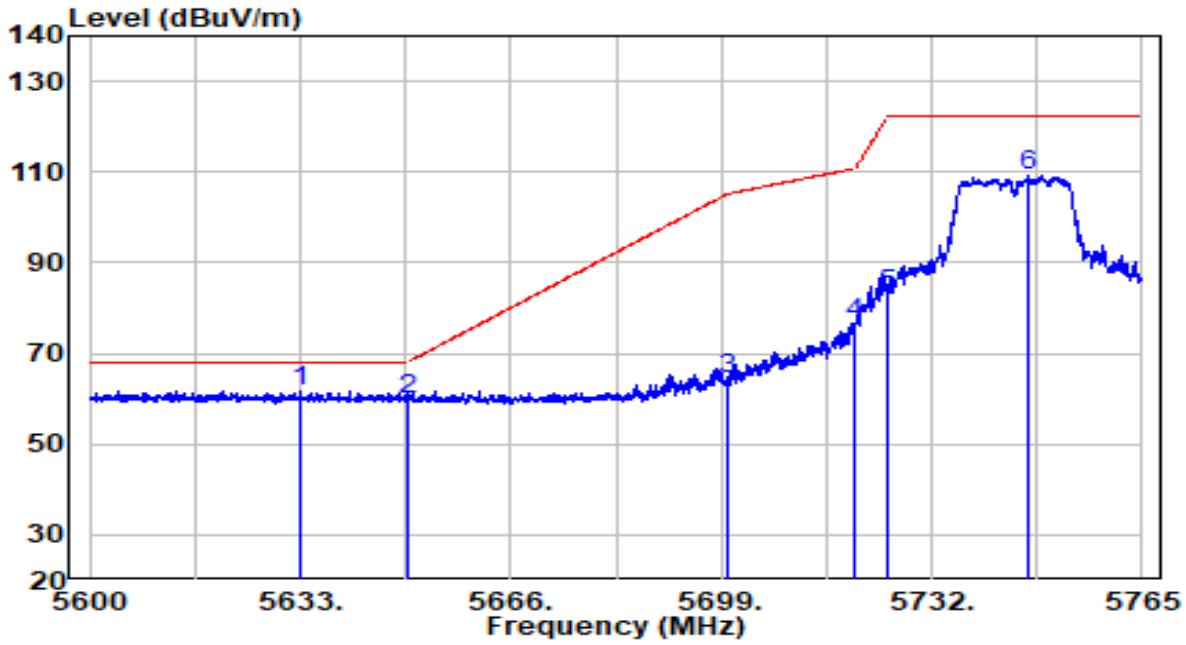


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5149.870	49.17	4.20	53.37	-0.63	54.00	Average
2		5150.000	49.16	4.20	53.36	-0.64	54.00	Average
3	*	5185.105	98.00	4.25	102.26	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

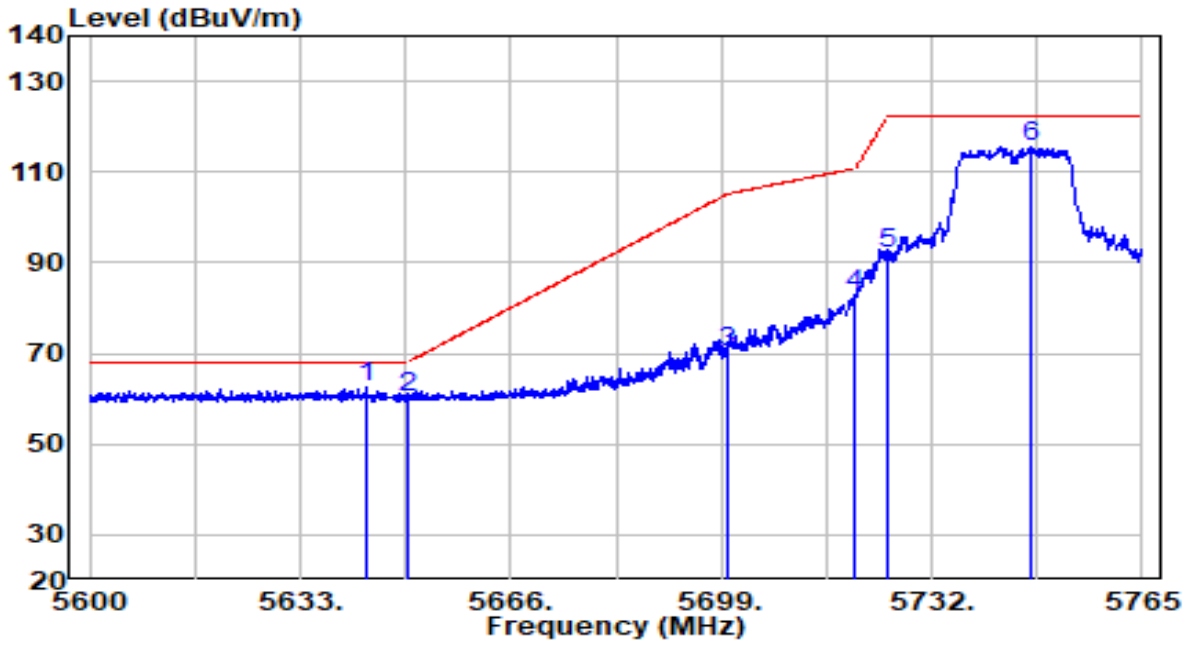


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	5633.000	56.35	5.25	61.60	-6.60	68.20	Peak
2		5650.000	54.68	5.32	60.00	-8.20	68.20	Peak
3		5700.000	59.08	5.50	64.57	-40.63	105.20	Peak
4		5720.000	70.81	5.57	76.39	-34.41	110.80	Peak
5		5725.000	77.39	5.59	82.97	-39.23	122.20	Peak
6		5747.015	103.46	5.67	109.13	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) – 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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

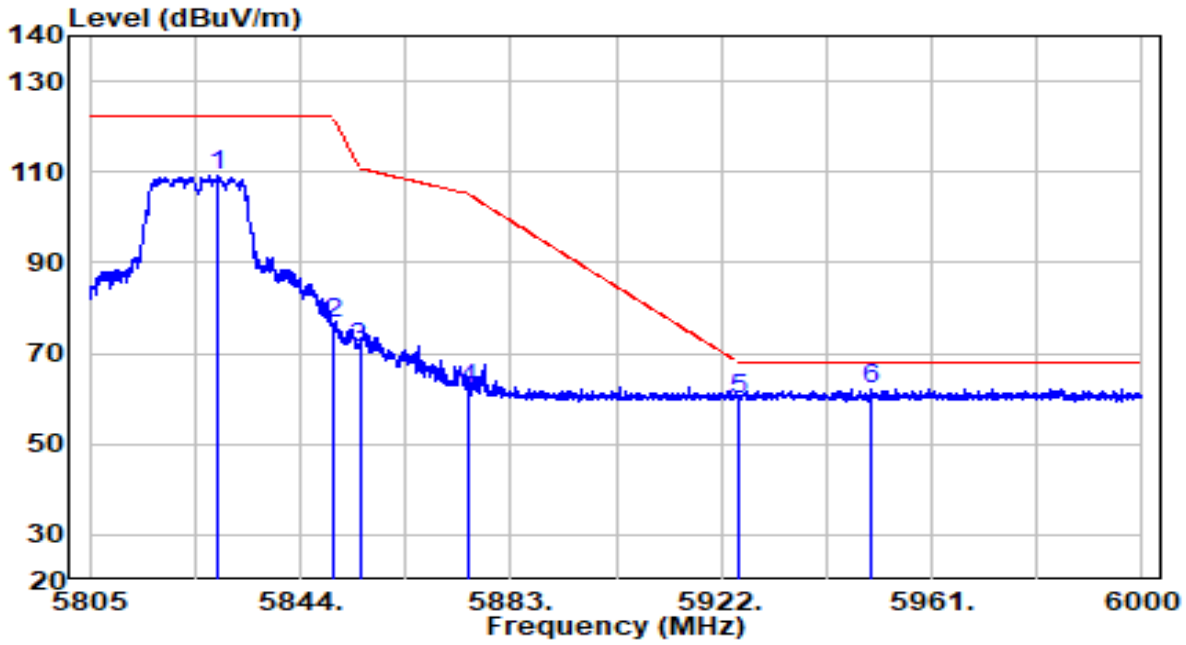


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5643.313	57.37	5.29	62.66	-5.54	68.20	Peak
2		5650.000	55.17	5.32	60.49	-7.71	68.20	Peak
3		5700.000	64.70	5.50	70.19	-35.01	105.20	Peak
4		5720.000	77.60	5.57	83.17	-27.63	110.80	Peak
5		5725.000	86.59	5.59	92.18	-30.02	122.20	Peak
6		5747.592	109.99	5.67	115.66	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) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

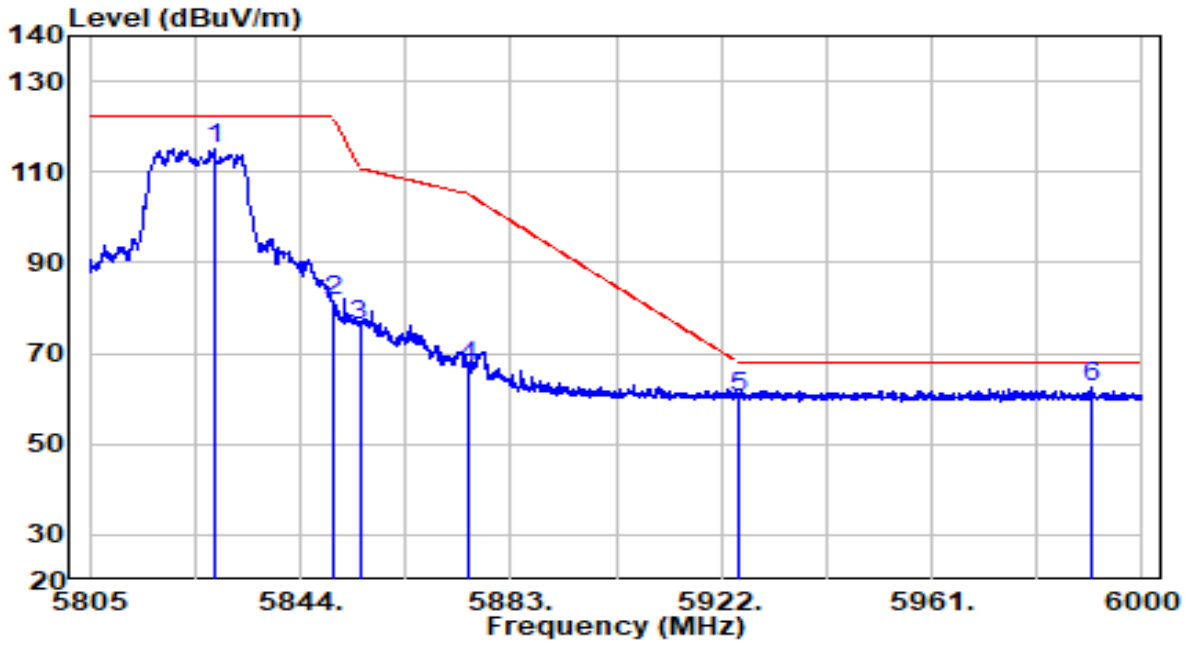


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5828.888	103.14	5.97	109.11	N/A	N/A	Peak
2		5850.000	70.59	6.04	76.64	-45.56	122.20	Peak
3		5855.000	65.23	6.06	71.29	-39.51	110.80	Peak
4		5875.000	55.96	6.13	62.09	-43.11	105.20	Peak
5		5925.000	53.67	6.32	59.98	-8.22	68.20	Peak
6	*	5949.788	55.89	6.41	62.30	-5.90	68.20	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).
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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11ac-VHT20	Test Voltage	120V/60Hz

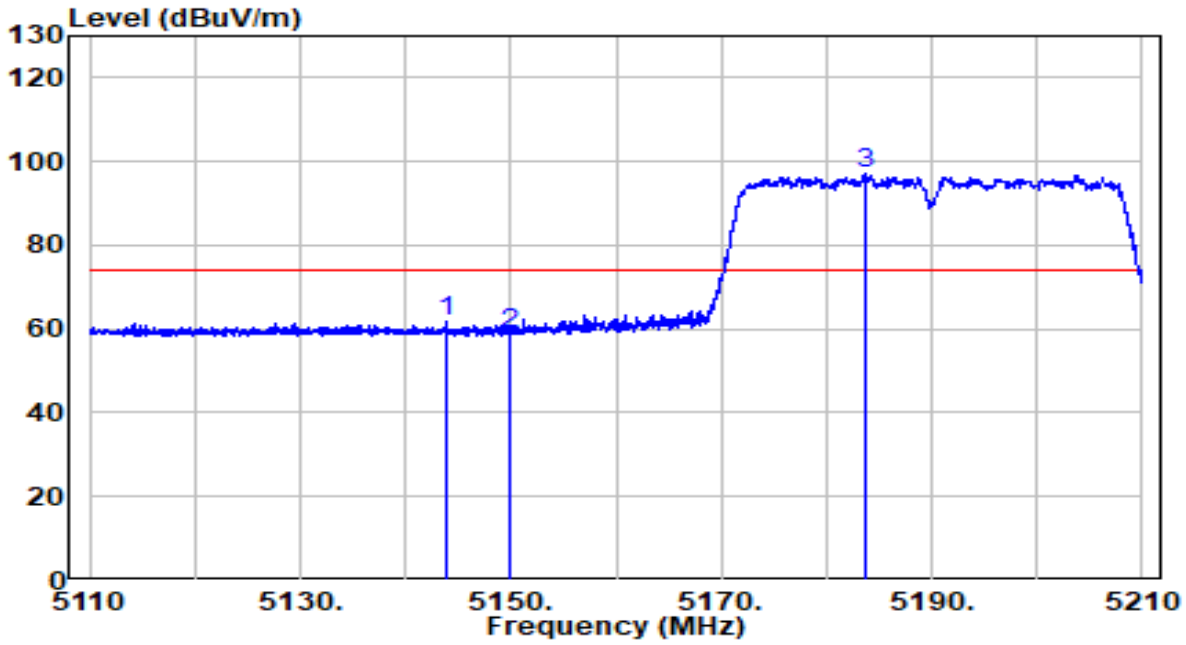


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5828.010	109.11	5.96	115.07	N/A	N/A	Peak
2		5850.000	75.39	6.04	81.43	-40.77	122.20	Peak
3		5855.000	70.28	6.06	76.35	-34.45	110.80	Peak
4		5875.000	61.01	6.13	67.15	-38.05	105.20	Peak
5		5925.000	53.96	6.32	60.28	-7.92	68.20	Peak
6	*	5990.445	55.80	6.56	62.35	-5.85	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	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		5143.950	57.75	4.19	61.94	-12.06	74.00	Peak
2		5150.000	54.71	4.20	58.90	-15.10	74.00	Peak
3	*	5183.600	92.64	4.25	96.89	N/A	N/A	Peak

Note:

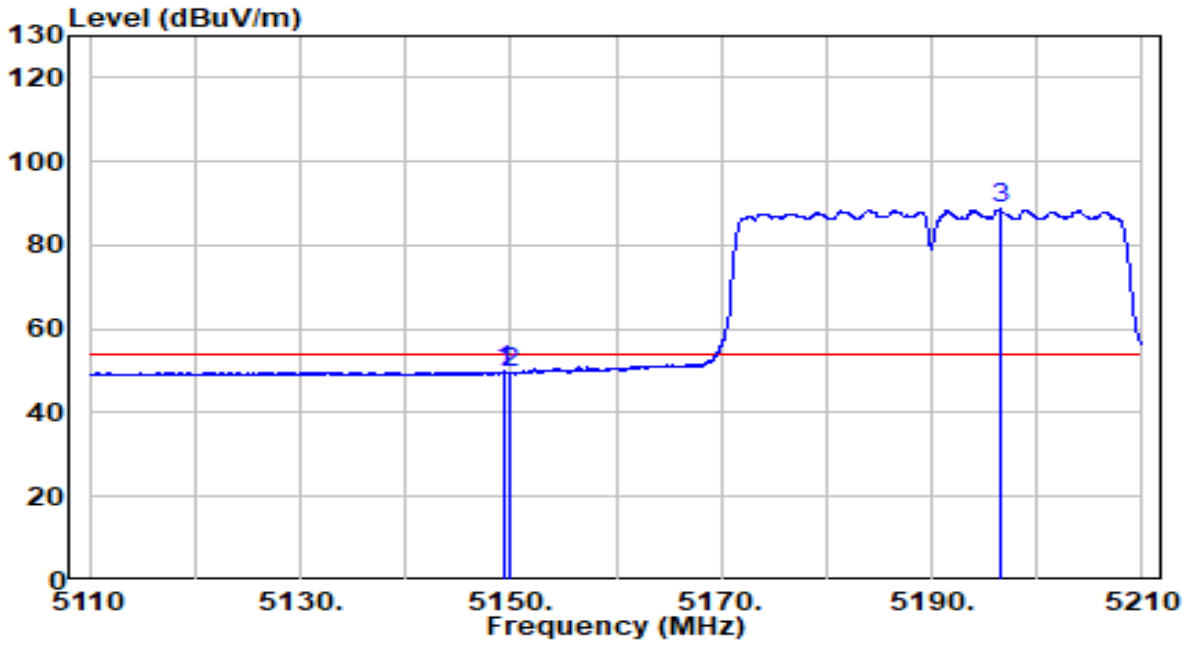
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	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		5149.400	45.65	4.20	49.84	-4.16	54.00	Average
2		5150.000	45.43	4.20	49.62	-4.38	54.00	Average
3	*	5196.500	84.32	4.27	88.59	N/A	N/A	Average

Note:

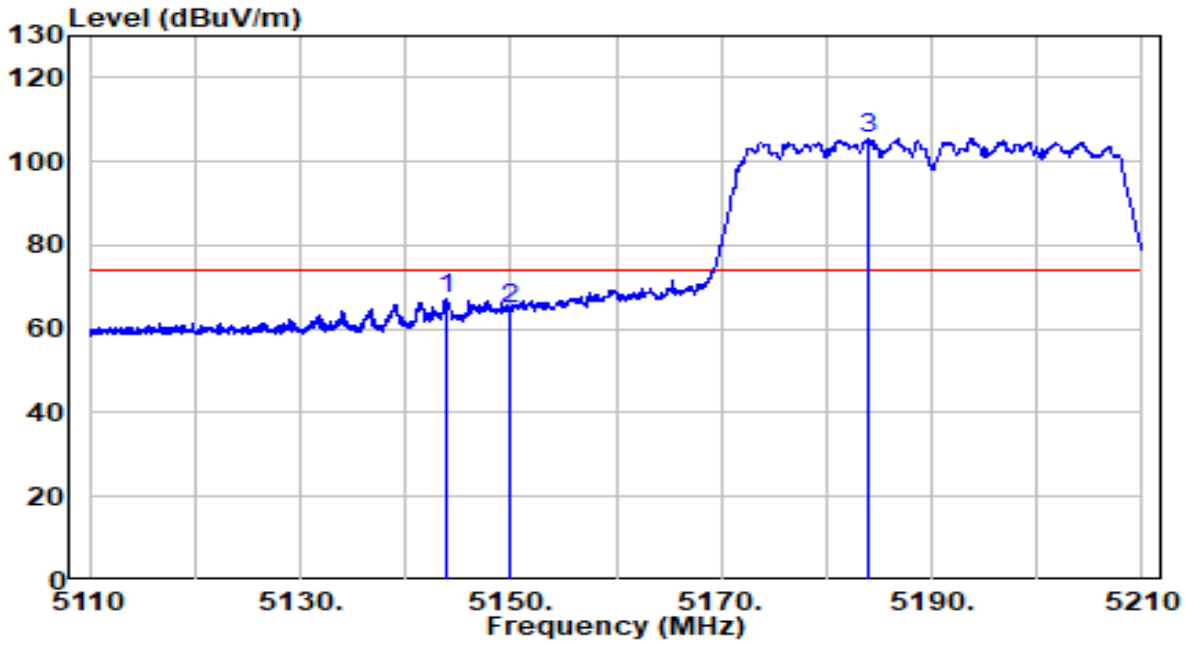
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	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		5143.950	63.00	4.19	67.18	-6.82	74.00	Peak
2		5150.000	60.39	4.20	64.59	-9.41	74.00	Peak
3	*	5184.100	101.07	4.25	105.32	N/A	N/A	Peak

Note:

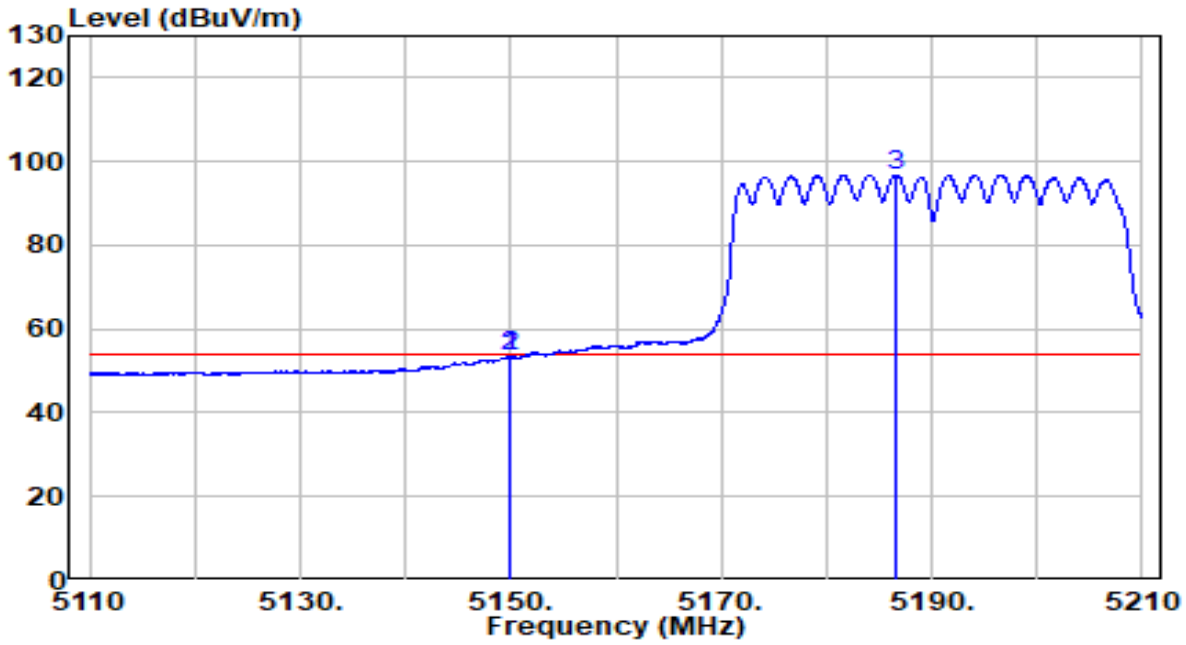
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ac-VHT40	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		5149.900	49.27	4.20	53.47	-0.53	54.00	Average
2		5150.000	49.10	4.20	53.29	-0.71	54.00	Average
3	*	5186.600	92.57	4.26	96.82	N/A	N/A	Average

Note:

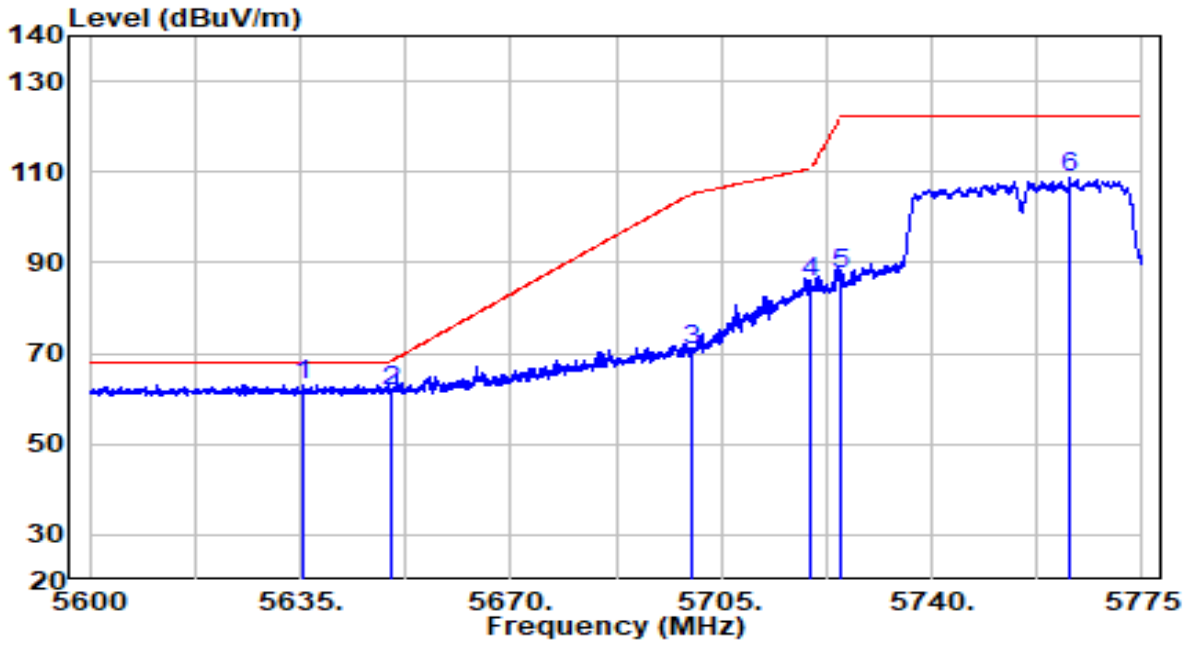
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

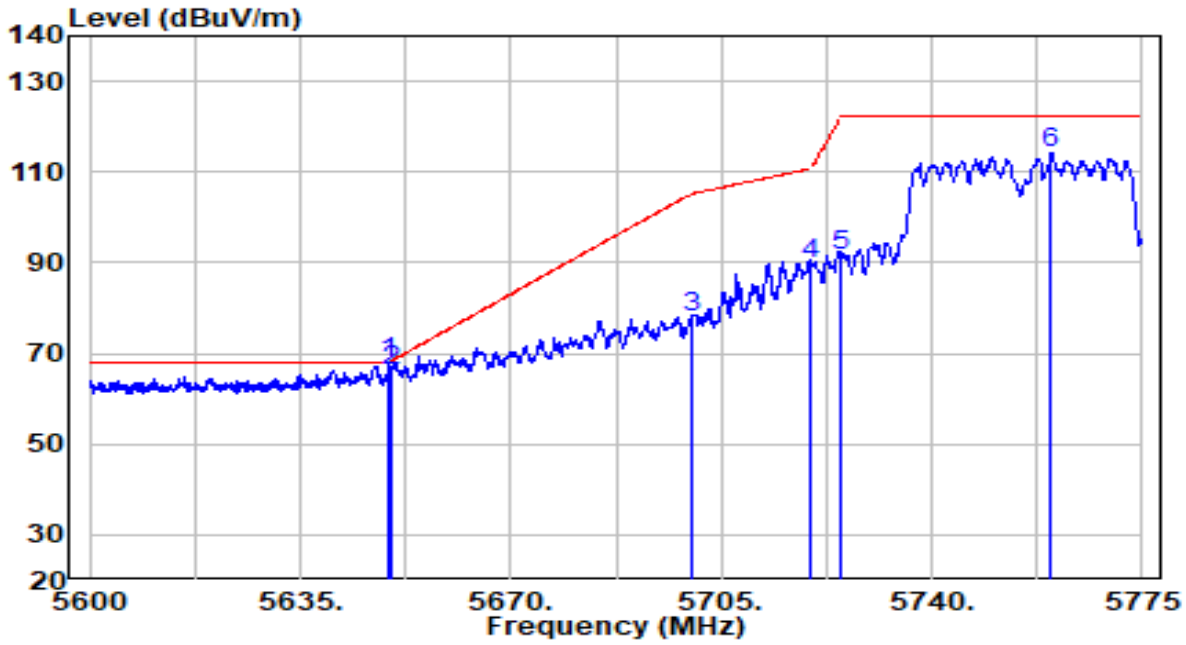


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5635.525	57.92	5.26	63.19	-5.01	68.20	Peak
2		5650.000	56.33	5.32	61.64	-6.56	68.20	Peak
3		5700.000	65.29	5.50	70.78	-34.42	105.20	Peak
4		5720.000	80.24	5.57	85.81	-24.99	110.80	Peak
5		5725.000	81.90	5.59	87.48	-34.72	122.20	Peak
6		5763.013	102.91	5.73	108.64	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) – 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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

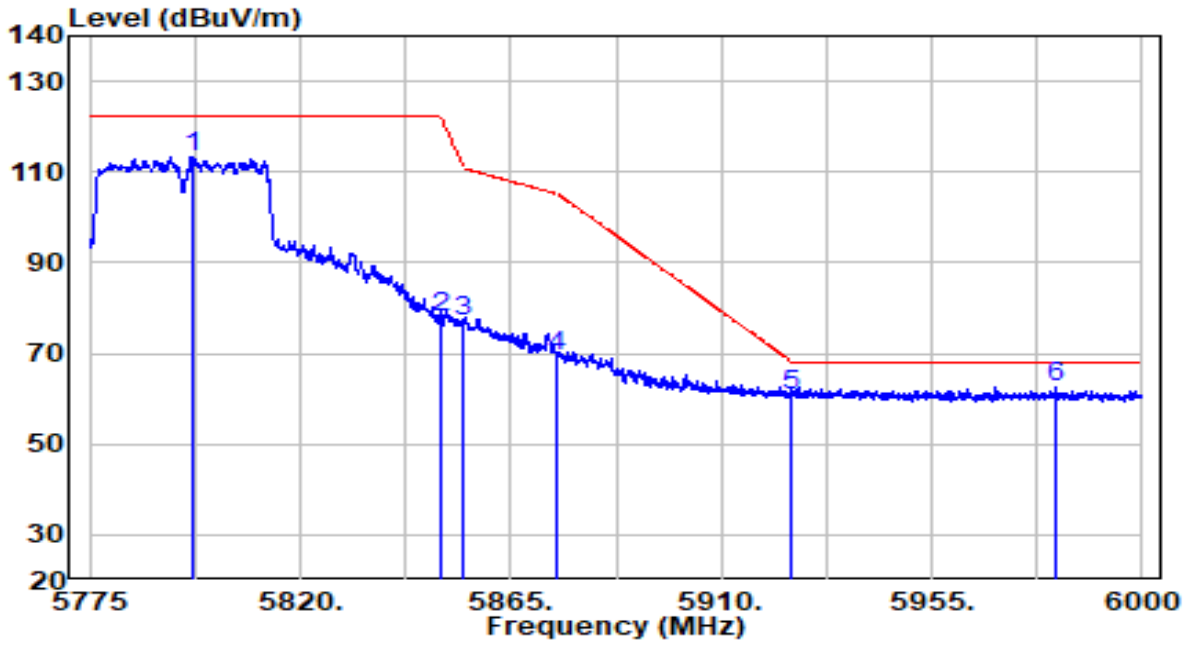


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5649.788	62.66	5.32	67.97	-0.23	68.20	Peak
2		5650.000	60.94	5.32	66.26	-1.94	68.20	Peak
3		5700.000	72.52	5.50	78.01	-27.19	105.20	Peak
4		5720.000	84.39	5.57	89.96	-20.84	110.80	Peak
5		5725.000	86.15	5.59	91.74	-30.46	122.20	Peak
6		5759.862	108.34	5.72	114.05	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) – 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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

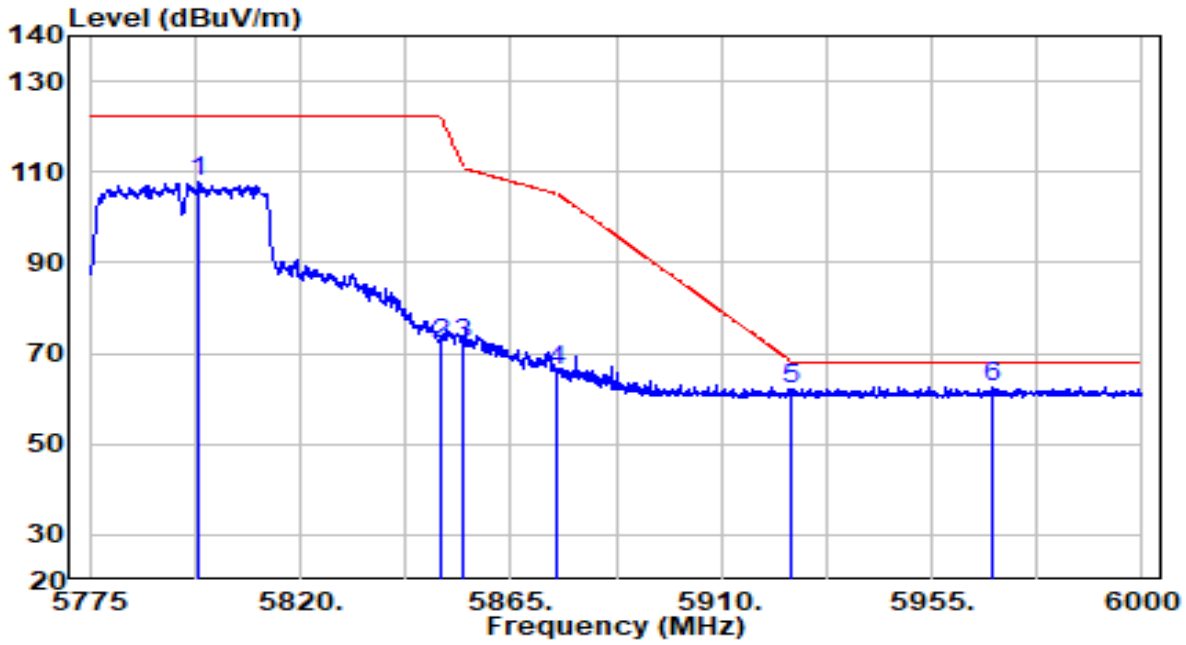


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5796.938	107.45	5.85	113.30	N/A	N/A	Peak
2		5850.000	71.71	6.04	77.75	-44.45	122.20	Peak
3		5855.000	71.14	6.06	77.20	-33.60	110.80	Peak
4		5875.000	63.45	6.13	69.58	-35.62	105.20	Peak
5		5925.000	54.52	6.32	60.84	-7.36	68.20	Peak
6	*	5981.663	56.04	6.52	62.56	-5.64	68.20	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).
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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ac-VHT40	Test Voltage	120V/60Hz

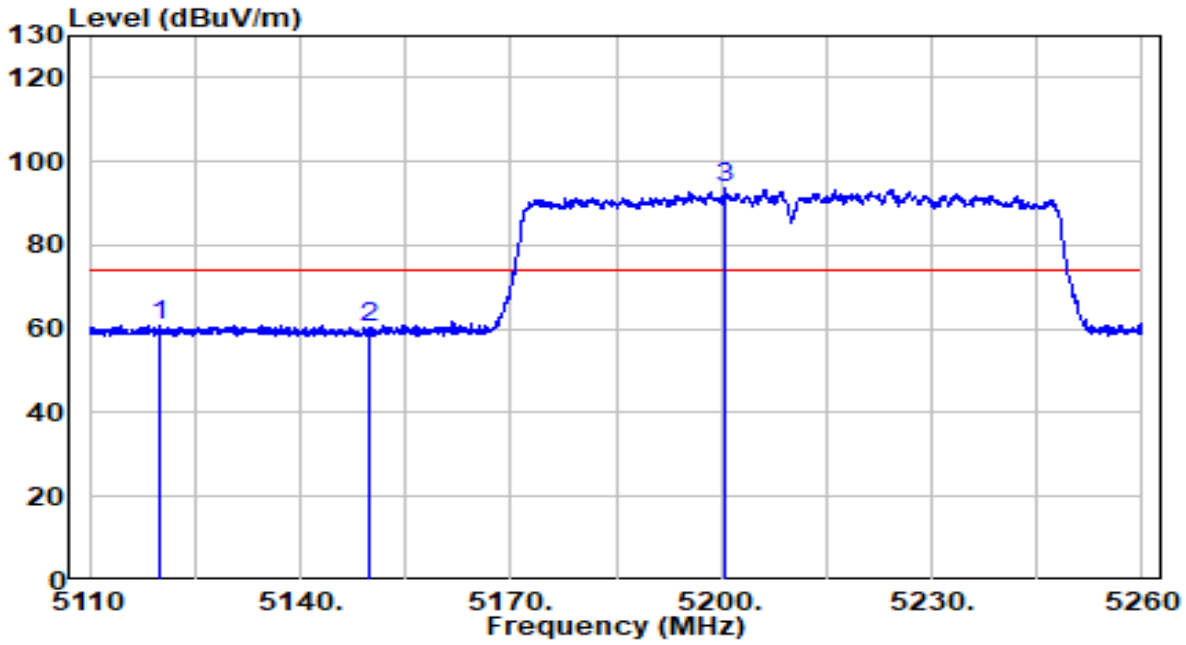


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5798.288	102.02	5.86	107.87	N/A	N/A	Peak
2		5850.000	66.17	6.04	72.21	-49.99	122.20	Peak
3		5855.000	66.01	6.06	72.07	-38.73	110.80	Peak
4		5875.000	59.89	6.13	66.02	-39.18	105.20	Peak
5		5925.000	55.75	6.32	62.07	-6.13	68.20	Peak
6	*	5968.163	56.29	6.47	62.76	-5.44	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	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		5119.825	56.92	4.15	61.06	-12.94	74.00	Peak
2		5150.000	55.92	4.20	60.11	-13.89	74.00	Peak
3	*	5200.525	89.36	4.28	93.64	N/A	N/A	Peak

Note:

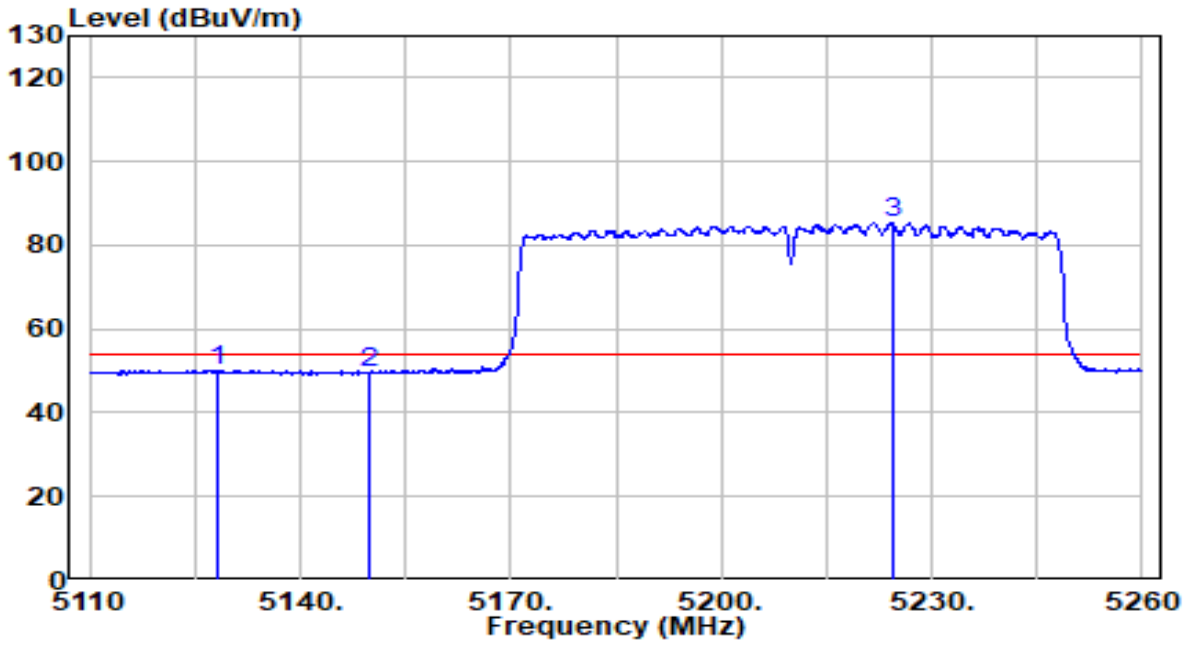
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	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		5128.075	45.91	4.16	50.07	-3.93	54.00	Average
2		5150.000	45.19	4.20	49.38	-4.62	54.00	Average
3	*	5224.375	81.26	4.32	85.58	N/A	N/A	Average

Note:

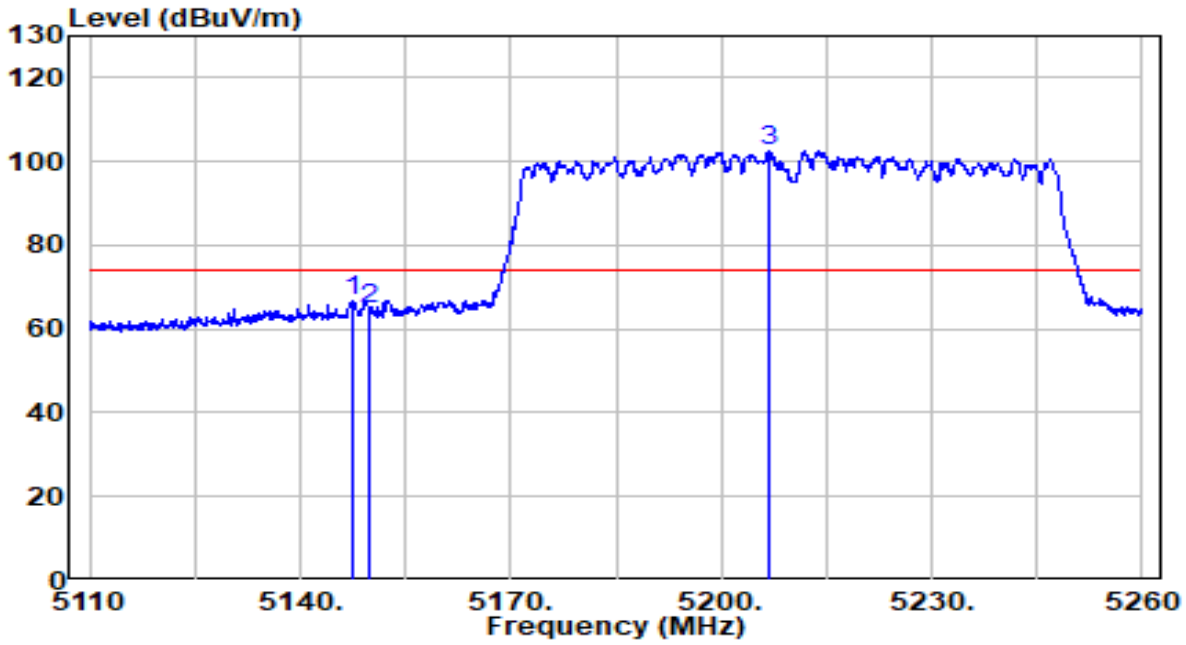
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	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		5147.350	62.51	4.19	66.70	-7.30	74.00	Peak
2		5150.000	60.46	4.20	64.66	-9.34	74.00	Peak
3	*	5206.675	98.48	4.29	102.77	N/A	N/A	Peak

Note:

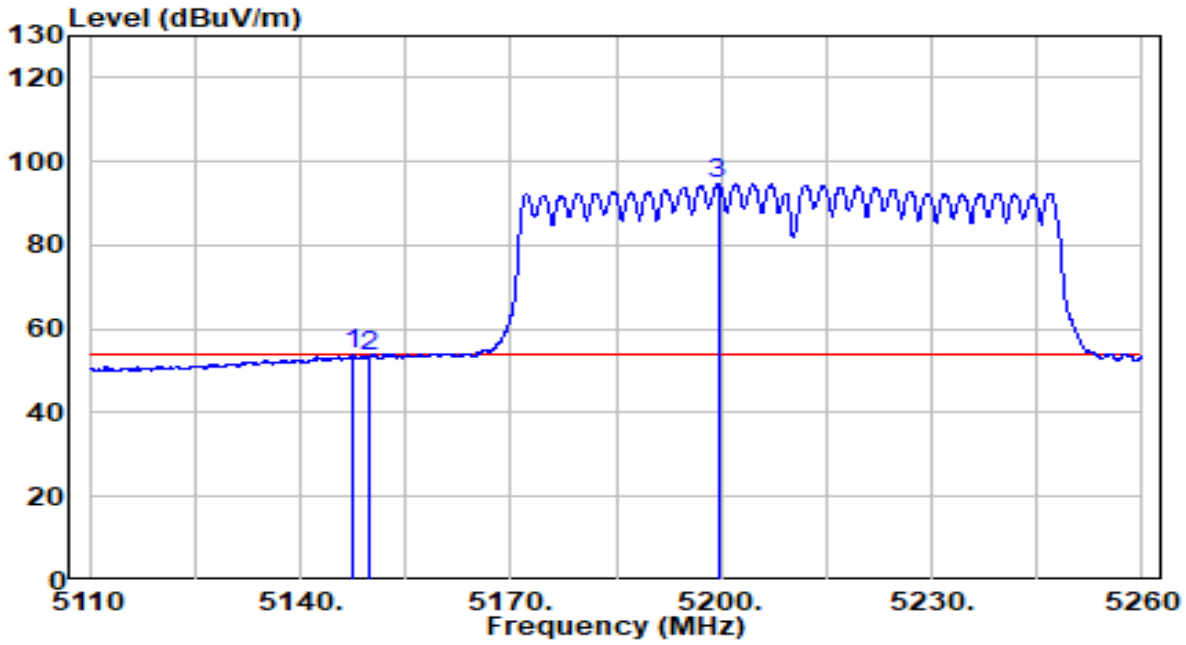
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ac-VHT80	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		5147.575	49.55	4.19	53.74	-0.26	54.00	Average
2		5150.000	49.38	4.20	53.57	-0.43	54.00	Average
3	*	5199.550	90.27	4.28	94.55	N/A	N/A	Average

Note:

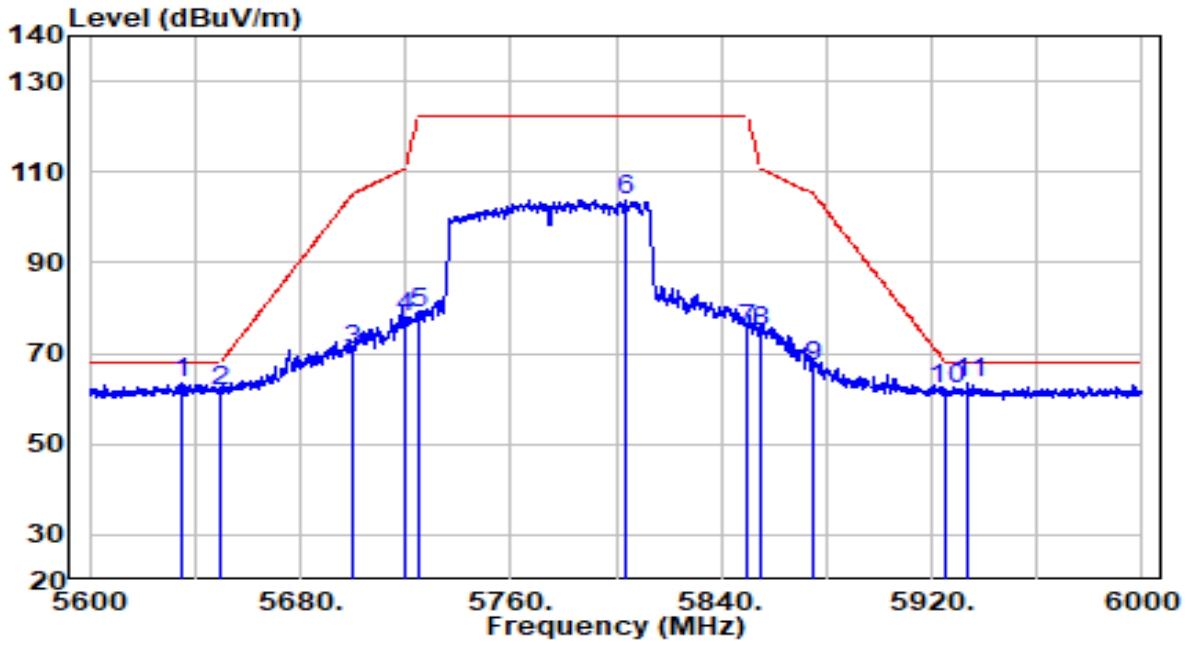
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ac-VHT80	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	*	5635.400	58.11	5.26	63.37	-4.83	68.20	Peak
2		5650.000	56.50	5.32	61.81	-6.39	68.20	Peak
3		5700.000	65.31	5.50	70.81	-34.39	105.20	Peak
4		5720.000	72.24	5.57	77.81	-32.99	110.80	Peak
5		5725.000	73.06	5.59	78.65	-43.55	122.20	Peak
6		5803.600	98.00	5.88	103.87	N/A	N/A	Peak
7		5850.000	69.00	6.04	75.04	-47.16	122.20	Peak
8		5855.000	68.82	6.06	74.88	-35.92	110.80	Peak
9		5875.000	60.77	6.13	66.91	-38.29	105.20	Peak
10		5925.000	55.74	6.32	62.06	-6.14	68.20	Peak
11		5933.800	56.94	6.35	63.29	-4.91	68.20	Peak

Note:

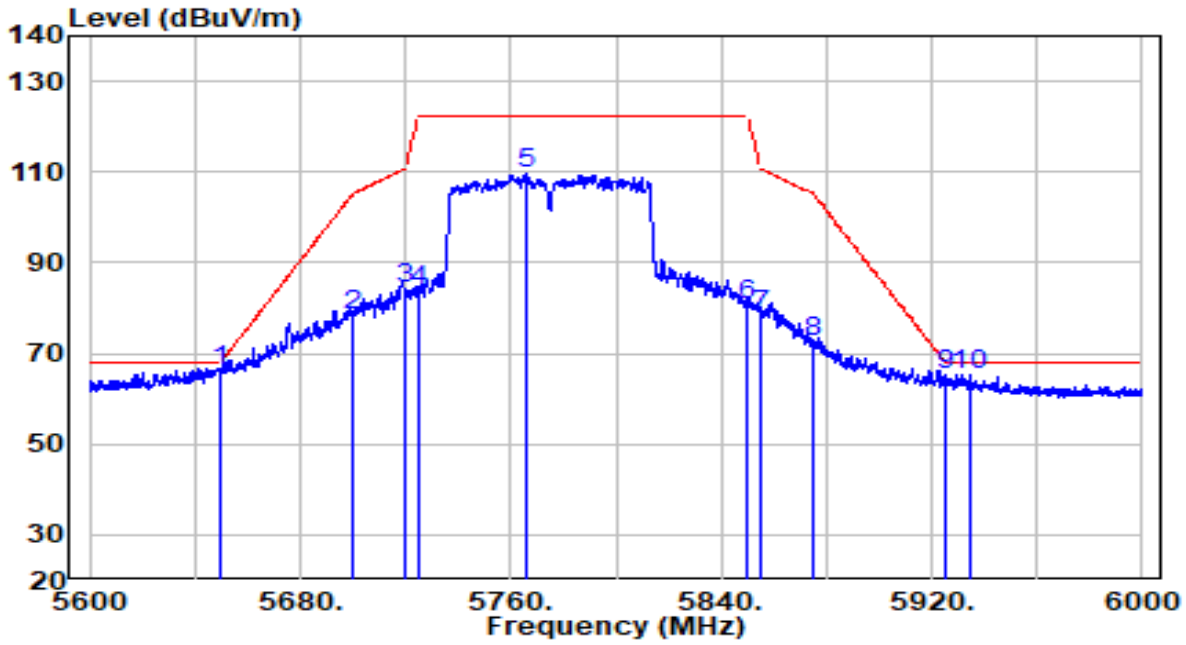
1. " *", means this data is the worst emission level.

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

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

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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ac-VHT80	Test Voltage	120V/60Hz

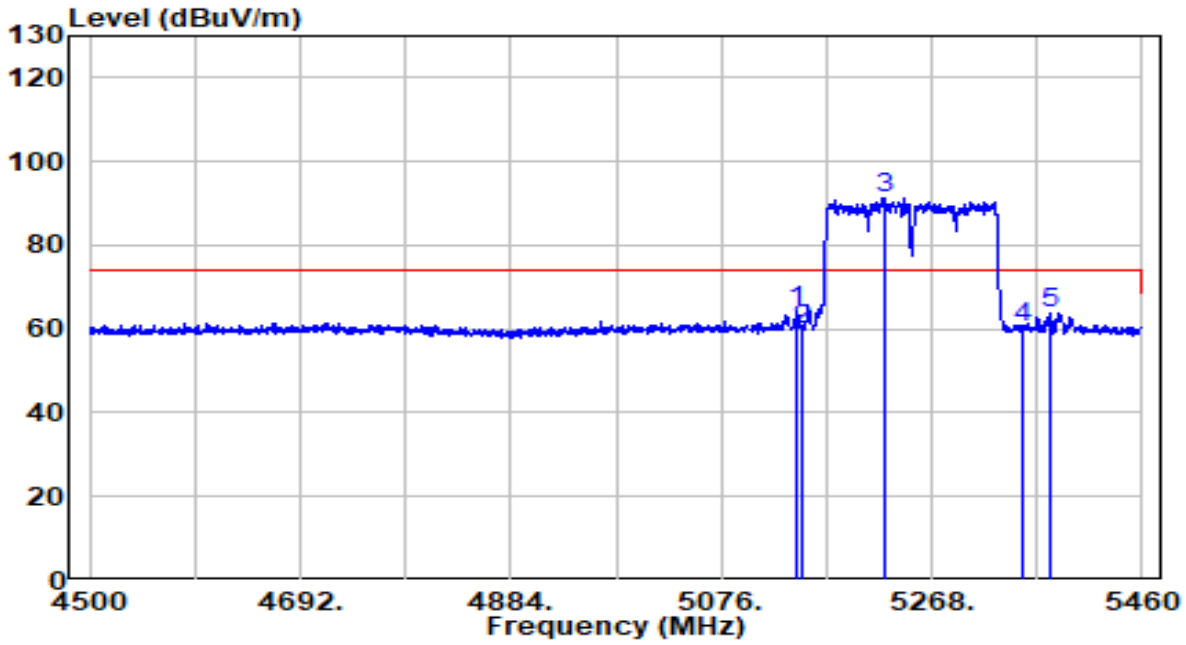


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5650.000	60.89	5.32	66.21	-1.99	68.20	Peak
2		5700.000	72.82	5.50	78.31	-26.89	105.20	Peak
3		5720.000	78.85	5.57	84.42	-26.38	110.80	Peak
4		5725.000	78.37	5.59	83.96	-38.24	122.20	Peak
5		5765.600	103.91	5.74	109.65	N/A	N/A	Peak
6		5850.000	74.49	6.04	80.53	-41.67	122.20	Peak
7		5855.000	72.27	6.06	78.33	-32.47	110.80	Peak
8		5875.000	66.43	6.13	72.57	-32.63	105.20	Peak
9		5925.000	58.97	6.32	65.28	-2.92	68.20	Peak
10		5934.200	59.16	6.35	65.51	-2.69	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.5℃/51%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	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		5144.640	59.84	4.19	64.03	-9.97	74.00	Peak
2		5150.000	55.75	4.20	59.95	-14.05	74.00	Peak
3	*	5224.800	86.92	4.32	91.24	N/A	N/A	Peak
4		5350.080	55.68	4.52	60.20	-13.80	74.00	Peak
5		5375.040	59.27	4.57	63.83	-10.17	74.00	Peak

Note:

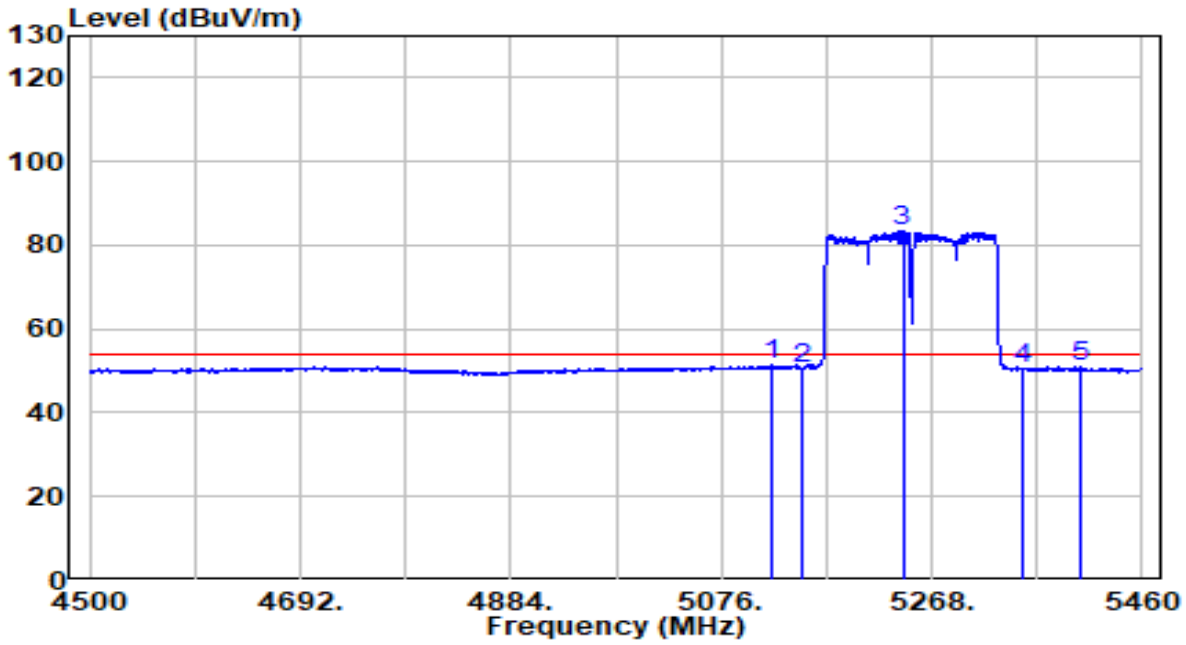
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.5℃/51%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	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		5122.560	47.31	4.15	51.46	-2.54	54.00	Average
2		5150.000	46.24	4.20	50.44	-3.56	54.00	Average
3	*	5241.600	79.11	4.35	83.46	N/A	N/A	Average
4		5350.000	45.80	4.52	50.32	-3.68	54.00	Average
5		5403.360	46.47	4.61	51.09	-2.91	54.00	Average

Note:

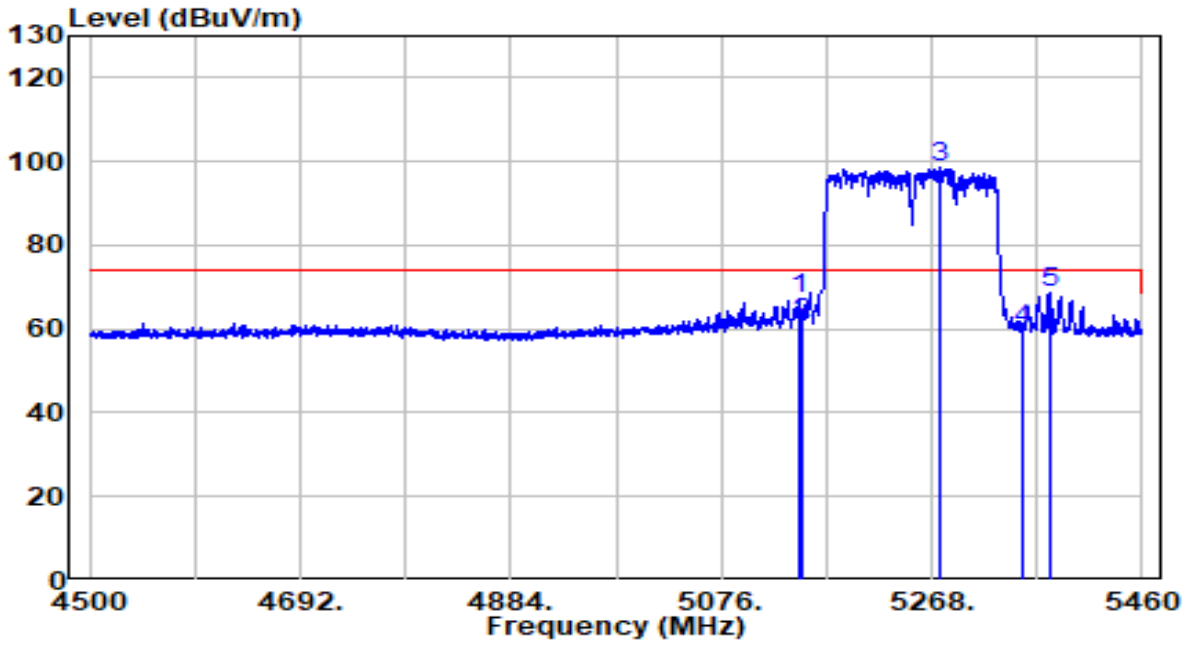
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.5℃/51%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	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		5147.040	62.99	4.19	67.18	-6.82	74.00	Peak
2		5150.000	57.32	4.20	61.52	-12.48	74.00	Peak
3	*	5275.680	94.08	4.40	98.49	N/A	N/A	Peak
4		5350.080	55.56	4.52	60.09	-13.91	74.00	Peak
5		5375.040	64.36	4.57	68.92	-5.08	74.00	Peak

Note:

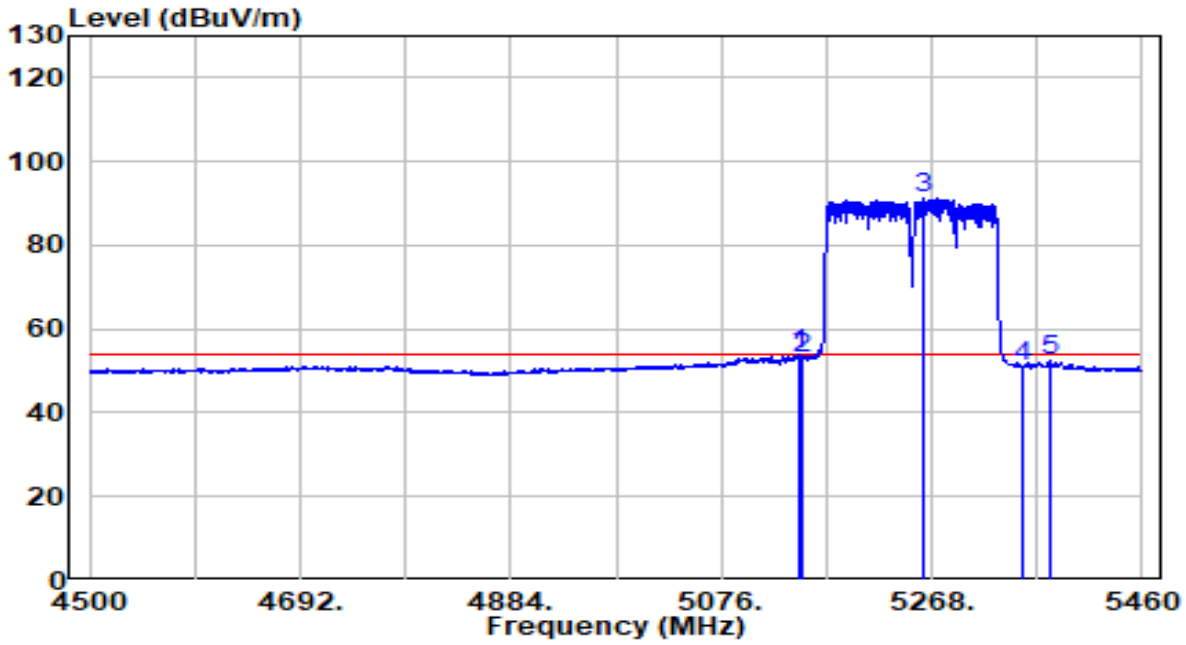
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	23.5℃/51%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ac-VHT160	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		5147.520	49.57	4.19	53.76	-0.24	54.00	Average
2		5150.000	48.64	4.20	52.84	-1.16	54.00	Average
3	*	5260.320	86.71	4.38	91.09	N/A	N/A	Average
4		5350.000	46.35	4.52	50.87	-3.13	54.00	Average
5		5375.040	48.03	4.57	52.59	-1.41	54.00	Average

Note:

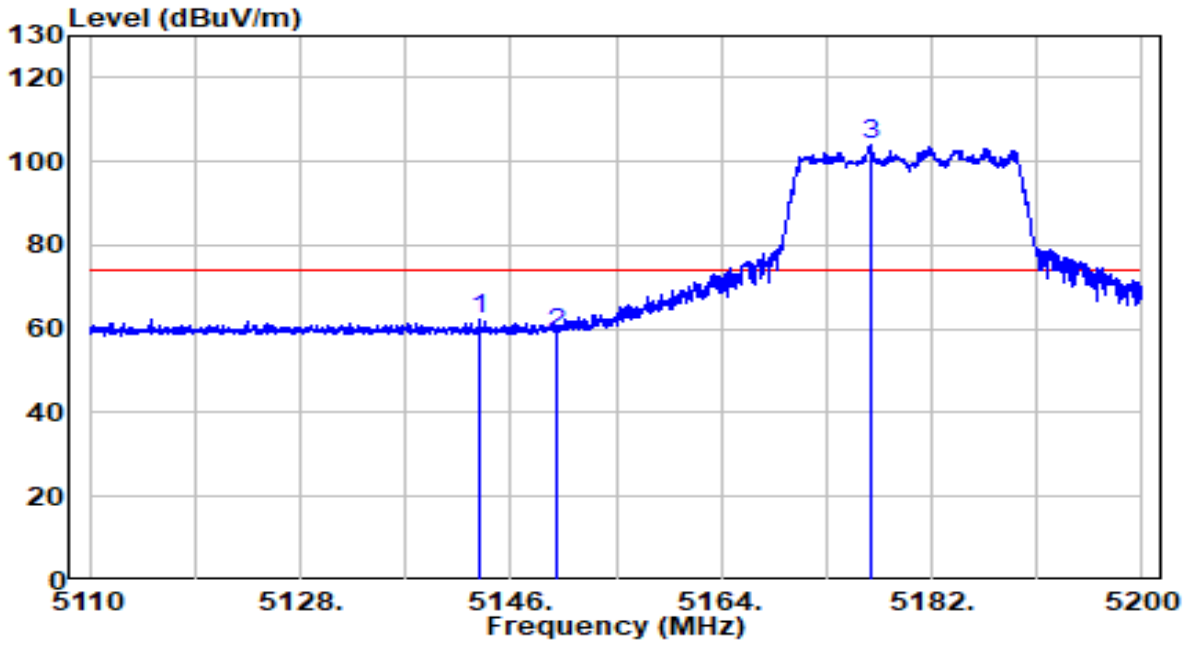
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz 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		5143.435	58.29	4.19	62.48	-11.52	74.00	Peak
2		5150.000	54.87	4.20	59.06	-14.94	74.00	Peak
3	*	5176.735	99.68	4.24	103.92	N/A	N/A	Peak

Note:

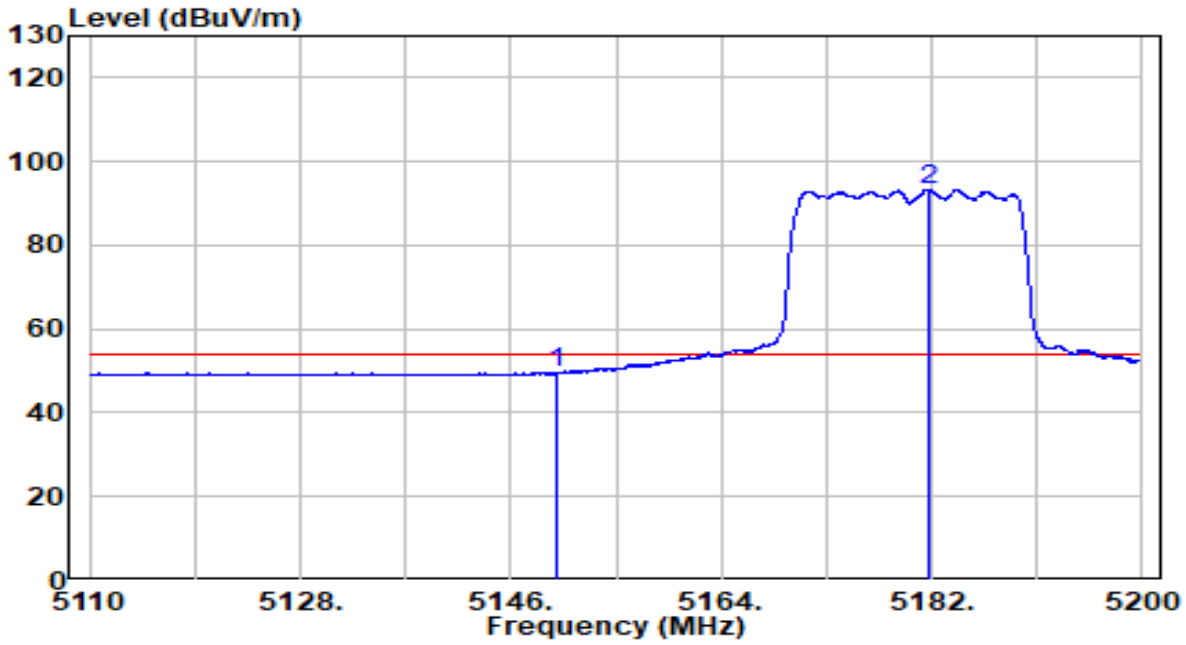
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

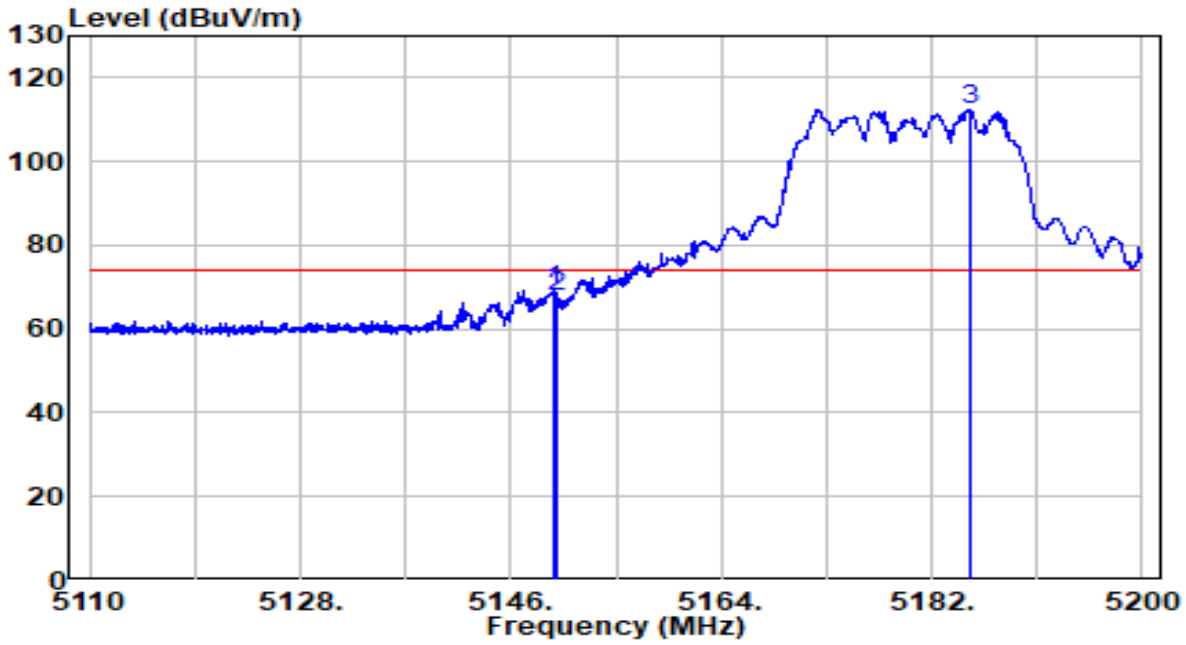


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5150.000	45.22	4.20	49.41	-4.59	54.00	Average
2	*	5181.685	88.93	4.25	93.18	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz 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		5149.600	65.05	4.20	69.24	-4.76	74.00	Peak
2		5150.000	63.69	4.20	67.89	-6.11	74.00	Peak
3	*	5185.240	107.98	4.25	112.23	N/A	N/A	Peak

Note:

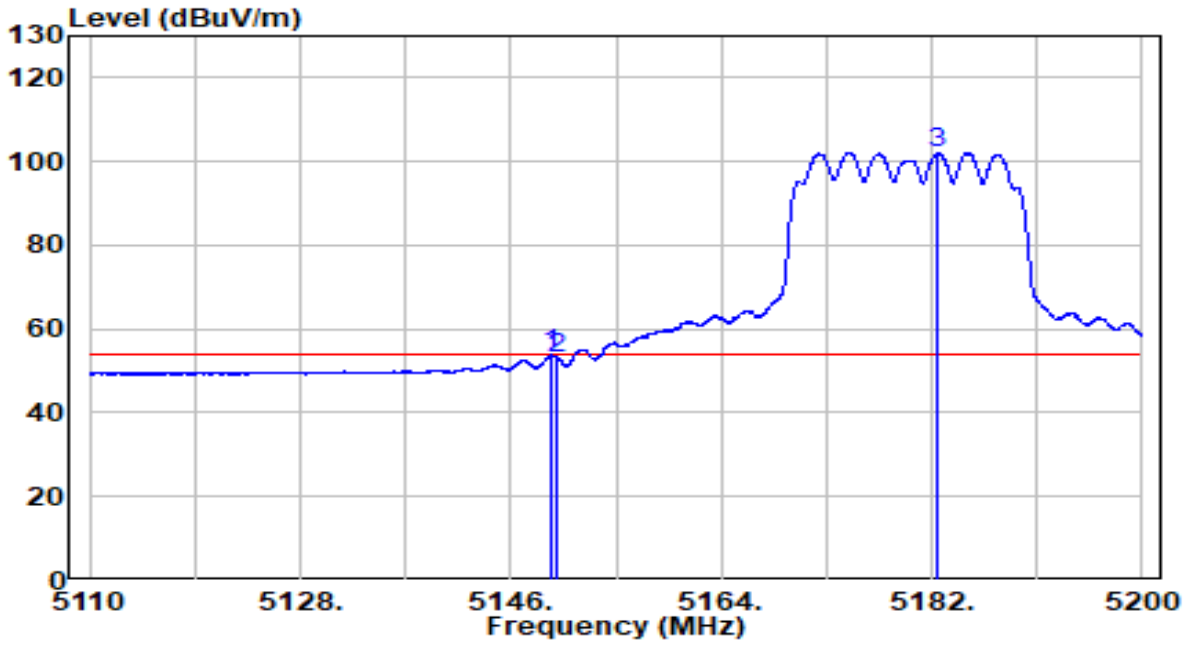
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5180MHz 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		5149.420	49.61	4.20	53.81	-0.19	54.00	Average
2		5150.000	48.71	4.20	52.91	-1.09	54.00	Average
3	*	5182.540	97.77	4.25	102.02	N/A	N/A	Average

Note:

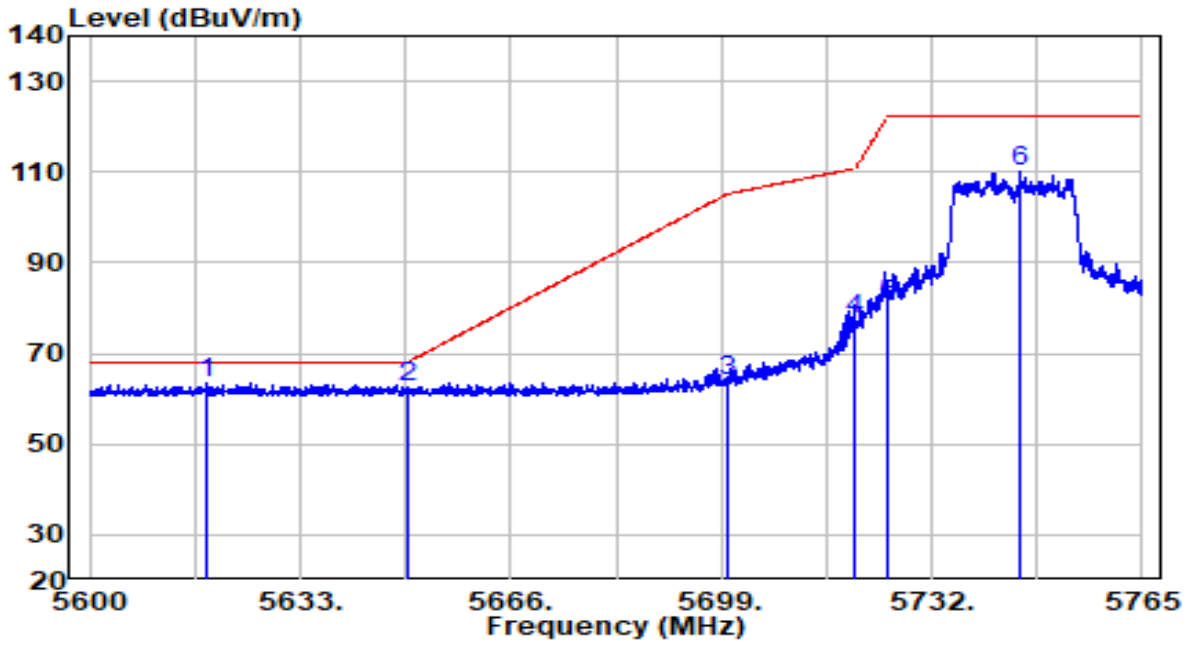
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

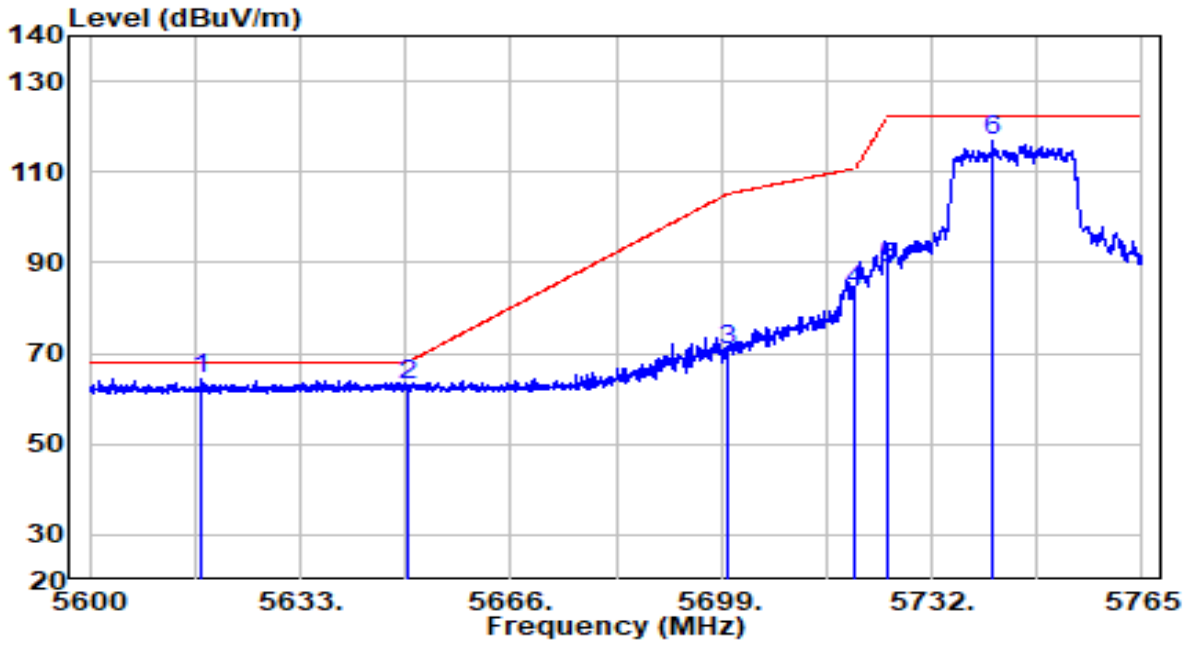


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	5618.397	58.25	5.20	63.45	-4.75	68.20	Peak
2		5650.000	57.15	5.32	62.46	-5.74	68.20	Peak
3		5700.000	58.21	5.50	63.70	-41.50	105.20	Peak
4		5720.038	72.01	5.57	77.58	-33.30	110.89	Peak
5		5725.000	75.08	5.59	80.67	-41.53	122.20	Peak
6		5745.942	104.25	5.67	109.92	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) – 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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

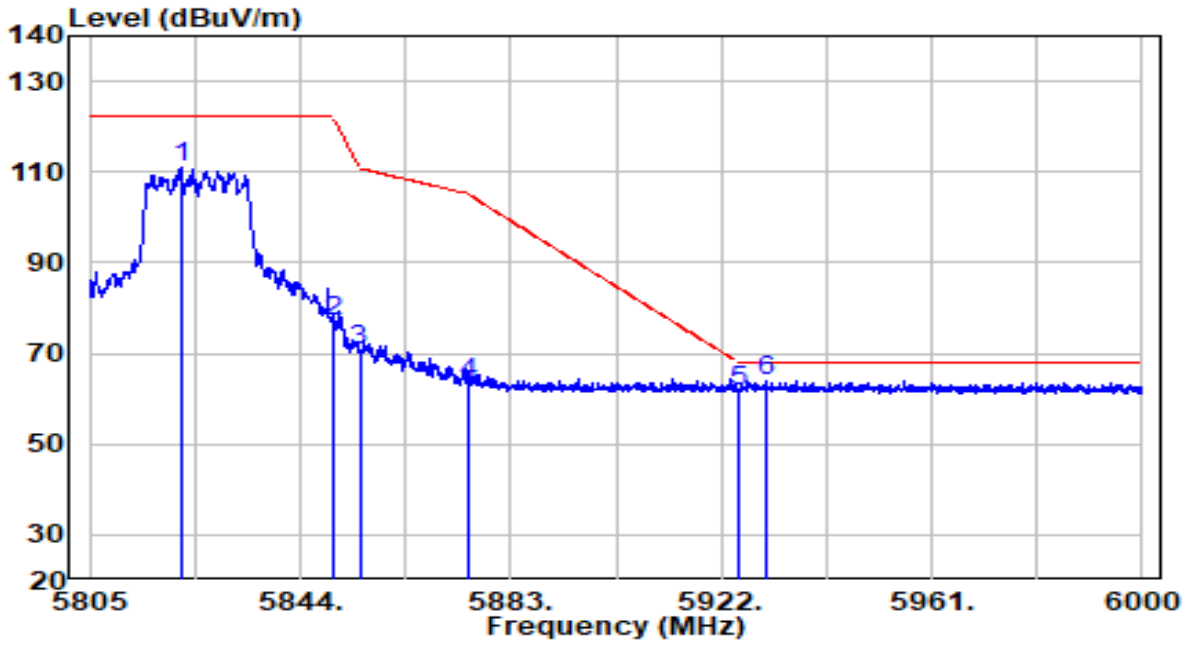


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1	*	5617.325	59.06	5.20	64.26	-3.94	68.20	Peak
2		5650.000	57.68	5.32	63.00	-5.20	68.20	Peak
3		5700.000	65.27	5.50	70.77	-34.43	105.20	Peak
4		5720.000	78.48	5.57	84.05	-26.75	110.80	Peak
5		5725.000	83.36	5.59	88.95	-33.25	122.20	Peak
6		5741.570	111.09	5.65	116.74	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) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz 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		5821.868	105.00	5.94	110.95	N/A	N/A	Peak
2		5850.000	71.14	6.04	77.19	-45.01	122.20	Peak
3		5855.000	64.50	6.06	70.57	-40.23	110.80	Peak
4		5875.000	57.45	6.13	63.58	-41.62	105.20	Peak
5		5925.000	55.48	6.32	61.80	-6.40	68.20	Peak
6	*	5930.288	57.59	6.34	63.92	-4.28	68.20	Peak

Note:

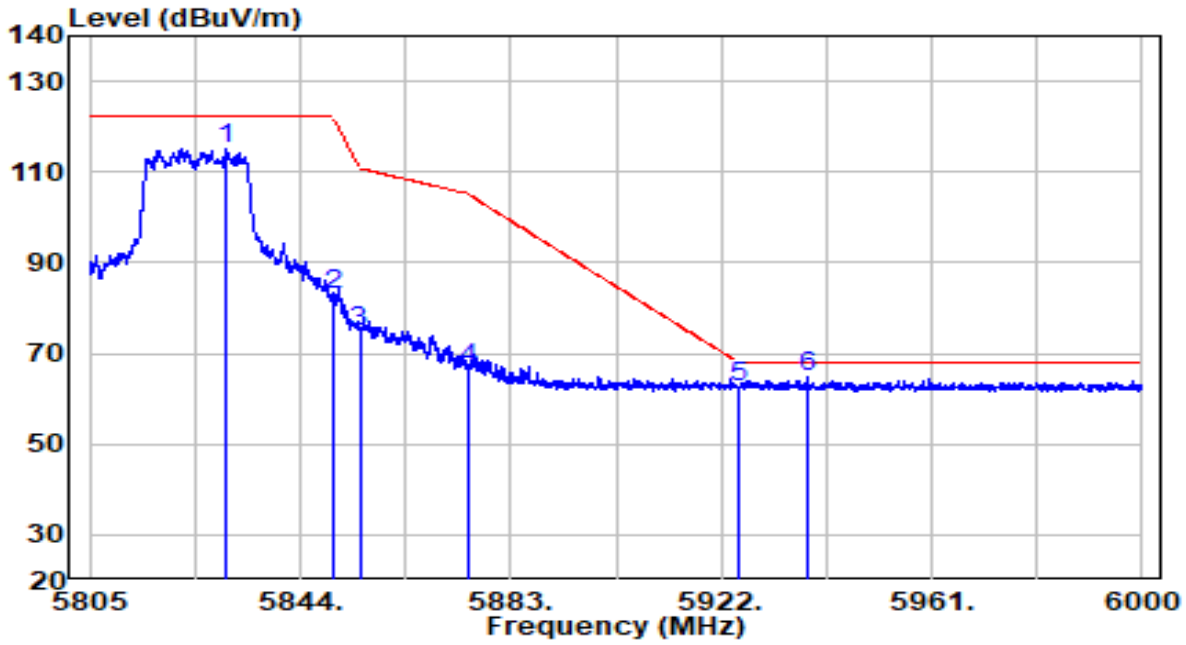
1. " *", means this data is the worst emission level.

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

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

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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5825MHz by 802.11ax-HE20	Test Voltage	120V/60Hz

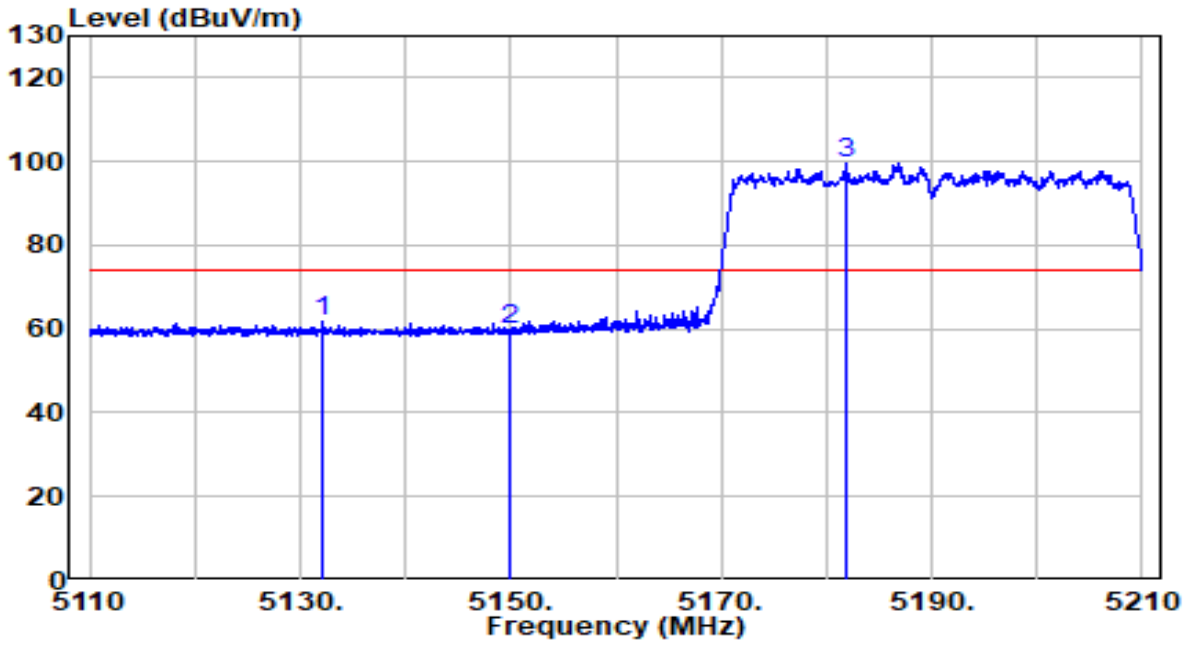


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5830.155	109.19	5.97	115.16	N/A	N/A	Peak
2		5850.000	76.83	6.04	82.88	-39.32	122.20	Peak
3		5855.000	68.74	6.06	74.81	-35.99	110.80	Peak
4		5875.000	60.30	6.13	66.44	-38.76	105.20	Peak
5		5925.000	56.09	6.32	62.41	-5.79	68.20	Peak
6	*	5937.795	58.34	6.36	64.70	-3.50	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz 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		5132.050	57.85	4.17	62.02	-11.98	74.00	Peak
2		5150.000	55.62	4.20	59.82	-14.18	74.00	Peak
3	*	5181.850	95.17	4.25	99.42	N/A	N/A	Peak

Note:

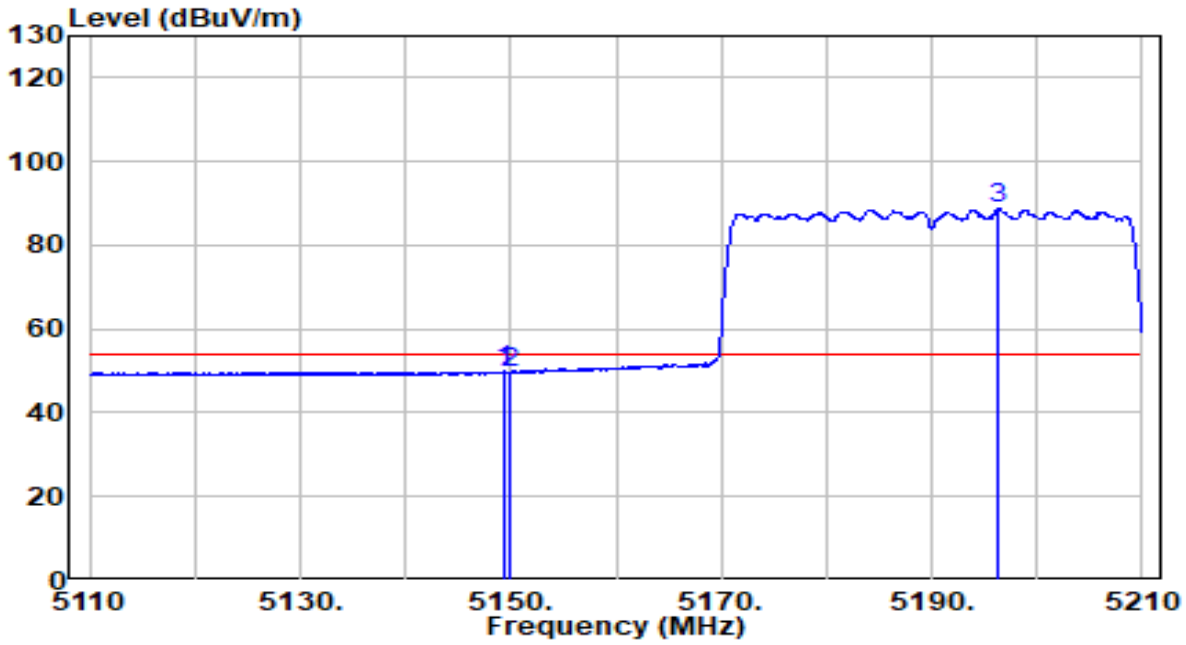
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz 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		5149.500	45.63	4.20	49.83	-4.17	54.00	Average
2		5150.000	45.20	4.20	49.40	-4.60	54.00	Average
3	*	5196.400	84.39	4.27	88.66	N/A	N/A	Average

Note:

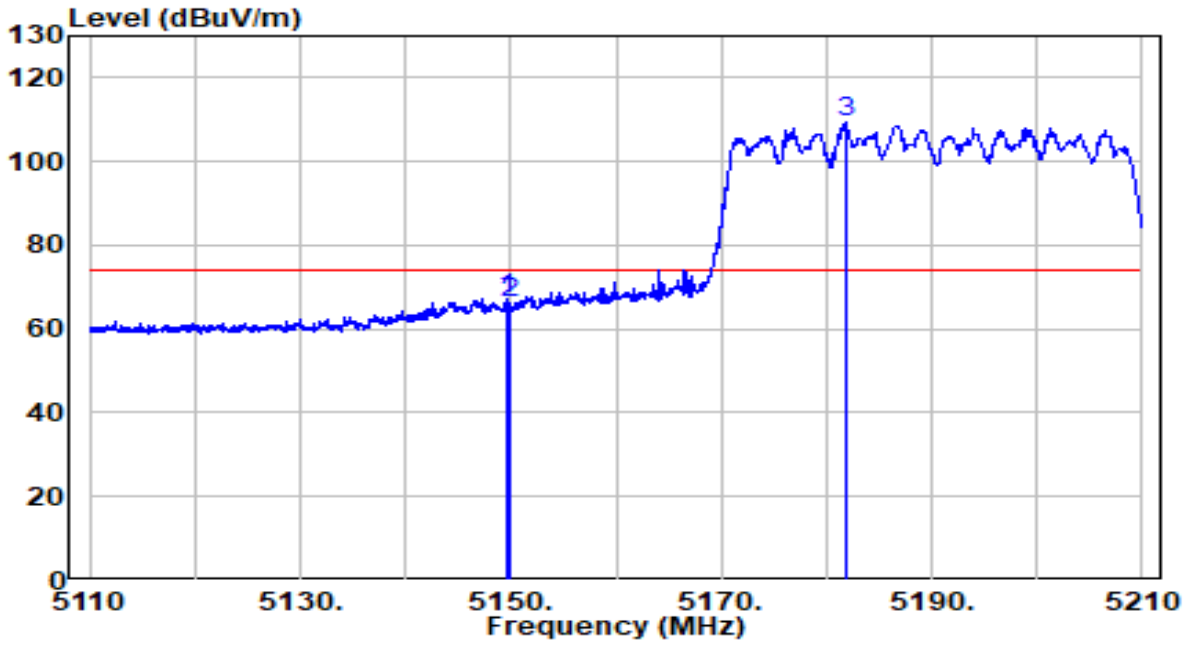
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz 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		5149.550	62.88	4.20	67.08	-6.92	74.00	Peak
2		5150.000	61.89	4.20	66.08	-7.92	74.00	Peak
3	*	5181.800	105.22	4.25	109.47	N/A	N/A	Peak

Note:

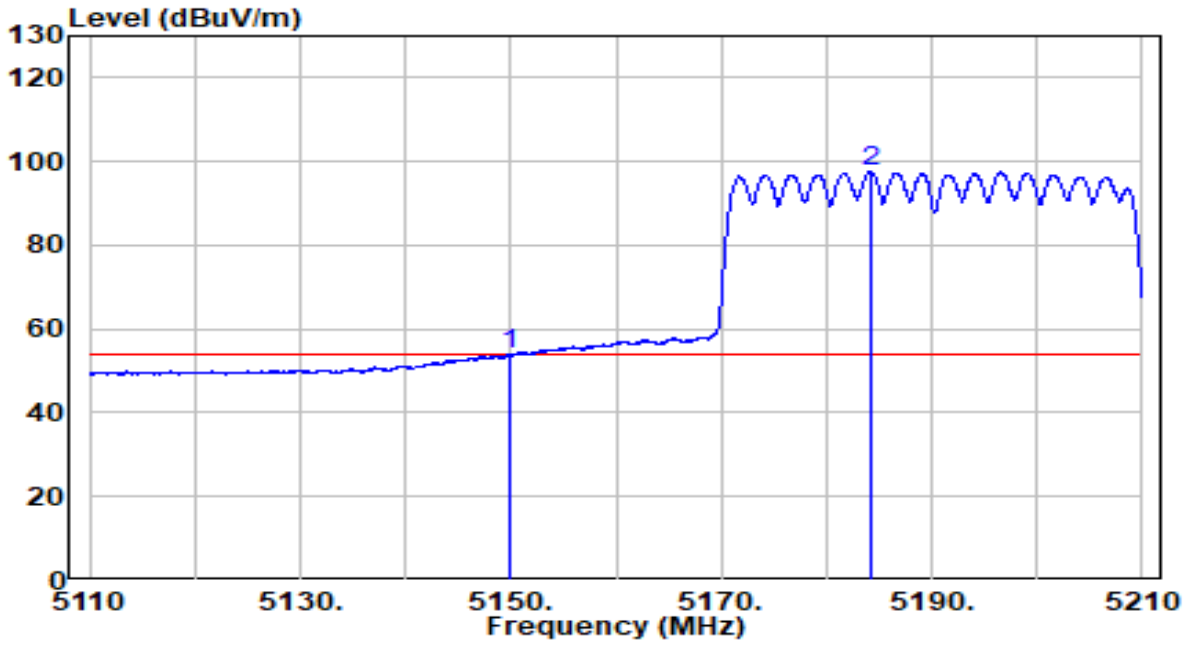
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5190MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

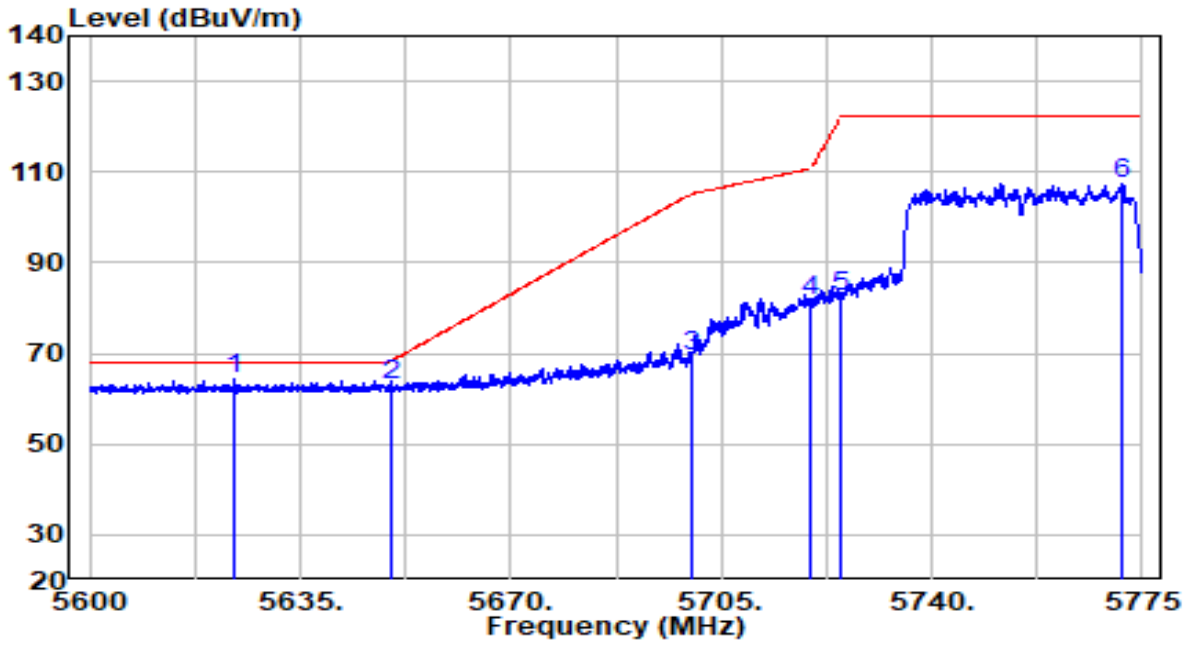


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5150.000	49.62	4.20	53.82	-0.18	54.00	Average
2	*	5184.200	93.20	4.25	97.45	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

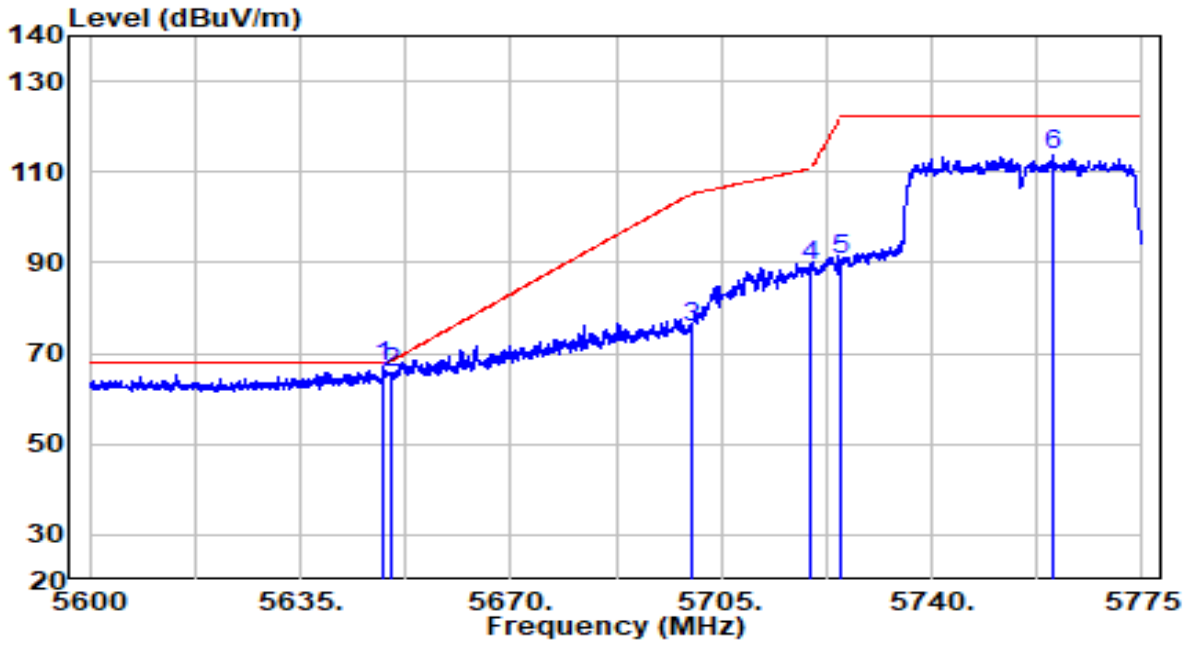


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5624.150	59.04	5.22	64.26	-3.94	68.20	Peak
2		5650.000	57.53	5.32	62.85	-5.35	68.20	Peak
3		5700.000	64.01	5.50	69.50	-35.70	105.20	Peak
4		5719.962	76.14	5.57	81.71	-29.08	110.79	Peak
5		5725.000	76.90	5.59	82.48	-39.72	122.20	Peak
6		5771.763	101.70	5.76	107.46	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) – 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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5755MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

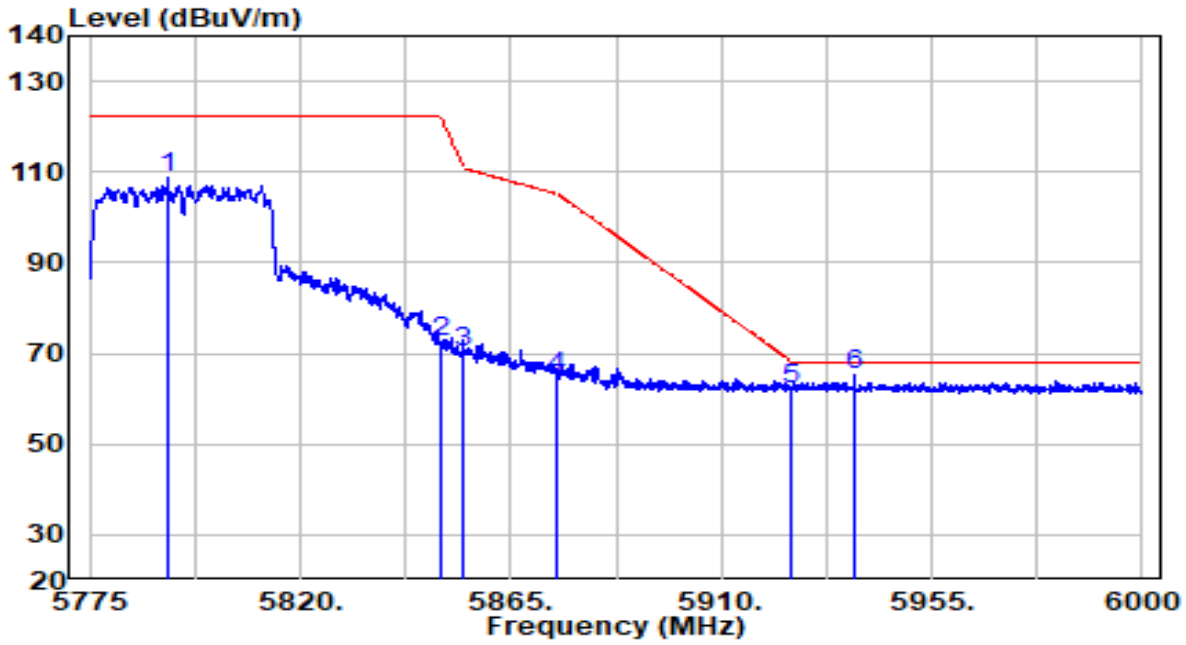


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1	*	5648.737	61.97	5.31	67.28	-0.92	68.20	Peak
2		5650.000	60.44	5.32	65.76	-2.44	68.20	Peak
3		5700.000	70.27	5.50	75.77	-29.43	105.20	Peak
4		5720.000	83.73	5.57	89.30	-21.50	110.80	Peak
5		5725.000	84.97	5.59	90.56	-31.64	122.20	Peak
6		5760.212	108.23	5.72	113.95	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) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

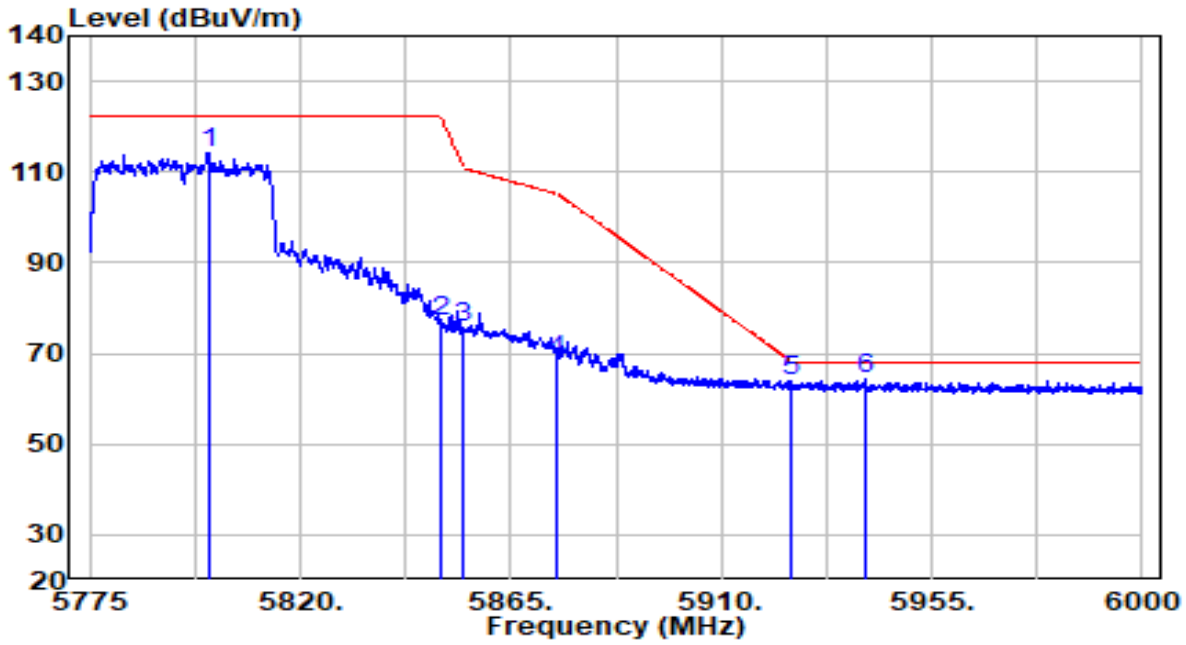


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5791.763	102.85	5.83	108.68	N/A	N/A	Peak
2		5850.000	66.56	6.04	72.61	-49.59	122.20	Peak
3		5855.000	64.34	6.06	70.40	-40.40	110.80	Peak
4		5875.000	58.66	6.13	64.79	-40.41	105.20	Peak
5		5925.000	55.90	6.32	62.22	-5.98	68.20	Peak
6	*	5938.350	59.00	6.37	65.36	-2.84	68.20	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).
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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5795MHz by 802.11ax-HE40	Test Voltage	120V/60Hz

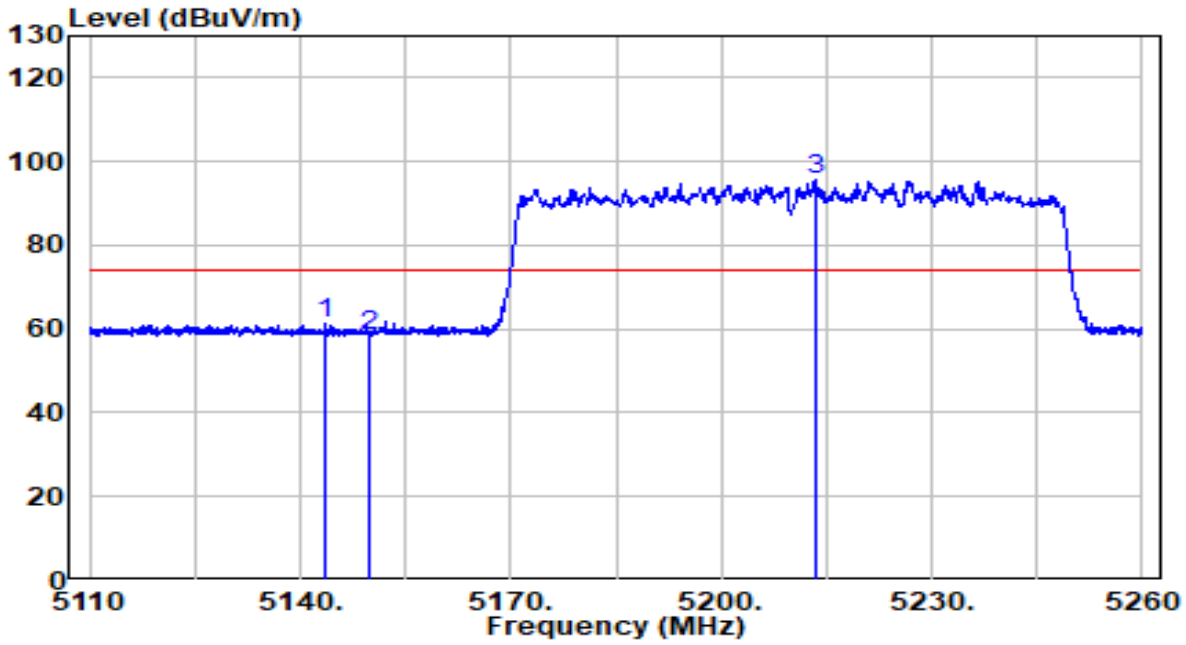


No		Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		5800.313	108.32	5.86	114.18	N/A	N/A	Peak
2		5850.000	71.17	6.04	77.21	-44.99	122.20	Peak
3		5855.000	69.82	6.06	75.88	-34.92	110.80	Peak
4		5875.000	62.49	6.13	68.63	-36.57	105.20	Peak
5		5925.000	57.44	6.32	63.75	-4.45	68.20	Peak
6	*	5940.712	58.01	6.37	64.38	-3.82	68.20	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	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		5143.675	56.94	4.19	61.13	-12.87	74.00	Peak
2		5150.000	54.41	4.20	58.61	-15.39	74.00	Peak
3	*	5213.350	91.21	4.30	95.51	N/A	N/A	Peak

Note:

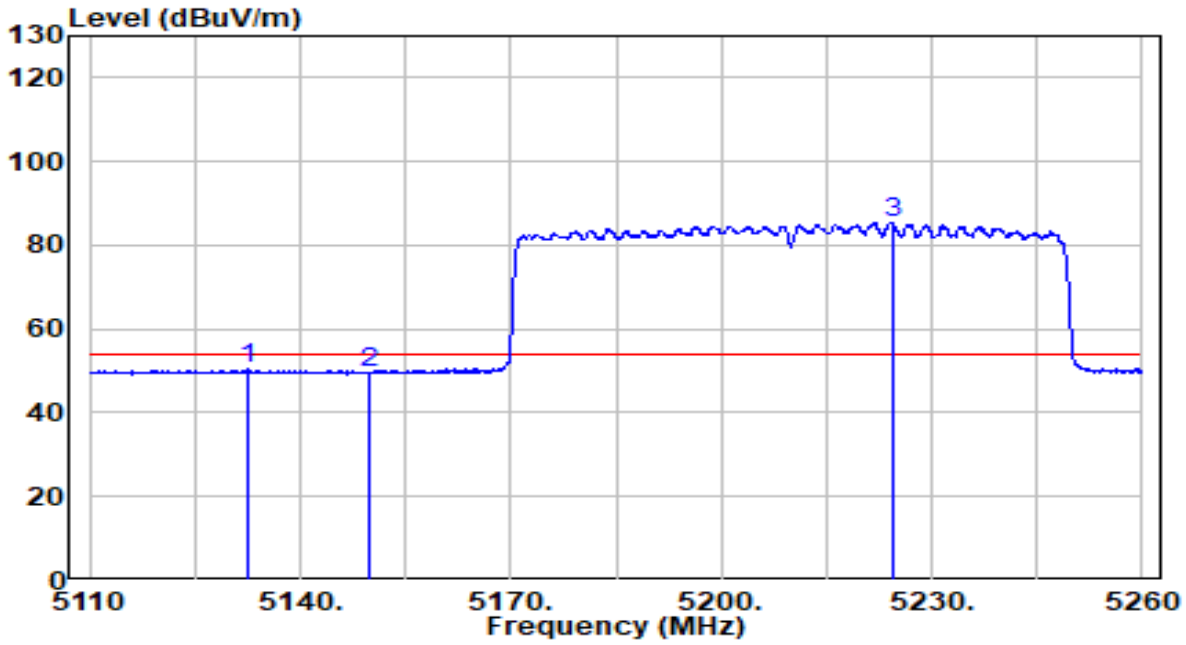
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	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		5132.650	46.17	4.17	50.34	-3.66	54.00	Average
2		5150.000	45.45	4.20	49.65	-4.35	54.00	Average
3	*	5224.375	81.19	4.32	85.51	N/A	N/A	Average

Note:

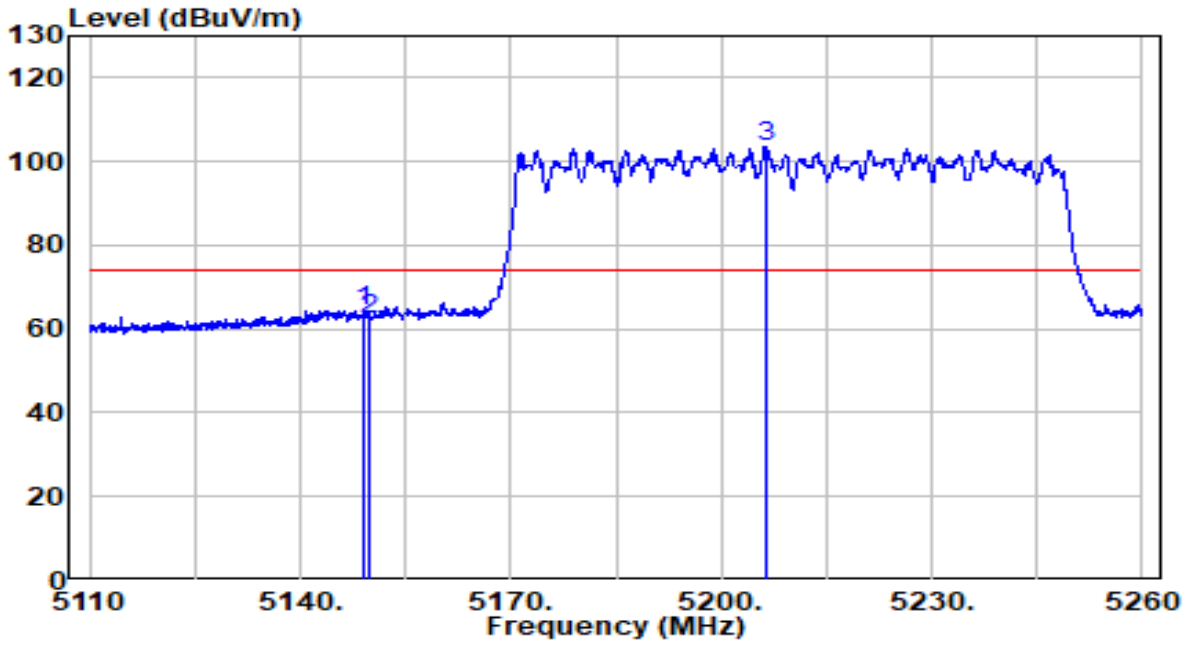
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	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		5149.150	60.27	4.19	64.47	-9.53	74.00	Peak
2		5150.000	58.16	4.20	62.36	-11.64	74.00	Peak
3	*	5206.300	99.25	4.29	103.53	N/A	N/A	Peak

Note:

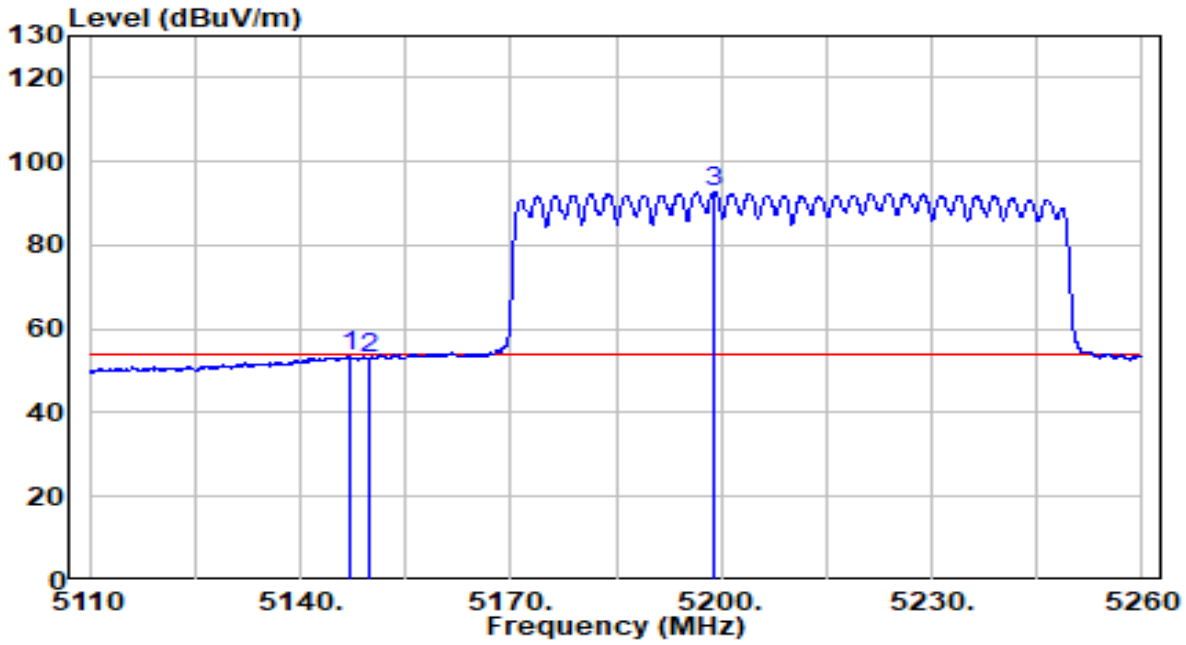
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5210MHz by 802.11ax-HE80	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		5147.125	49.28	4.19	53.47	-0.53	54.00	Average
2		5150.000	48.56	4.20	52.76	-1.24	54.00	Average
3	*	5198.950	88.40	4.28	92.68	N/A	N/A	Average

Note:

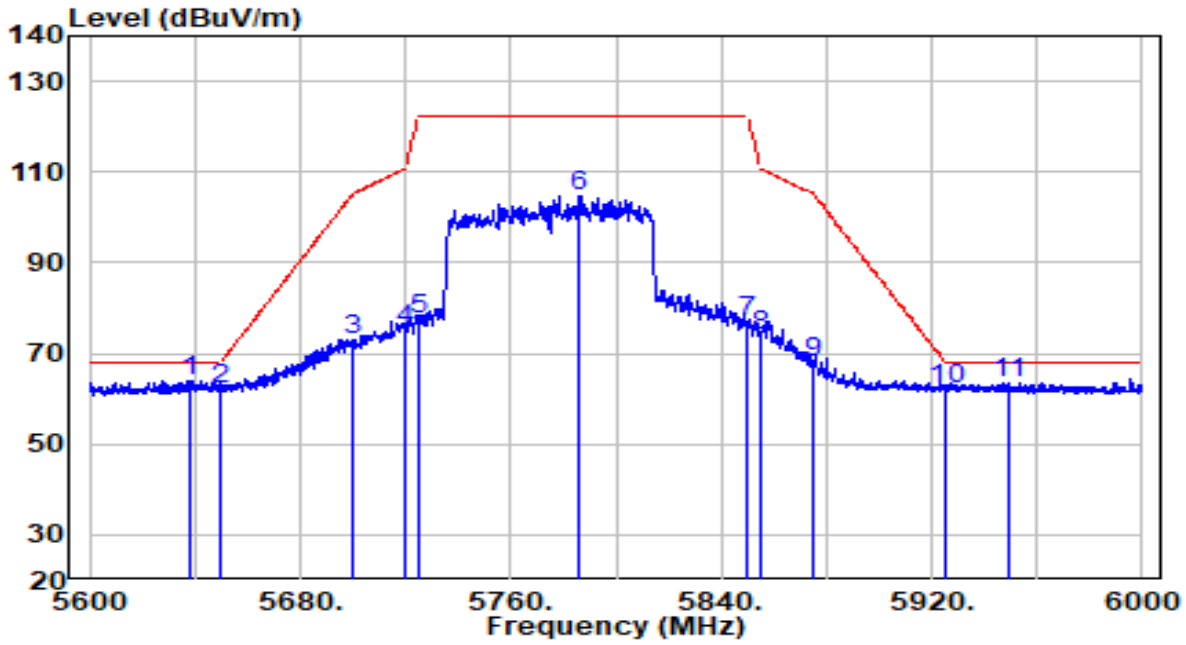
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	24.2℃/50.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ax-HE80	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	*	5638.000	58.79	5.27	64.06	-4.14	68.20	Peak
2		5650.000	56.91	5.32	62.23	-5.97	68.20	Peak
3		5700.000	67.68	5.50	73.18	-32.02	105.20	Peak
4		5720.000	69.87	5.57	75.44	-35.36	110.80	Peak
5		5725.000	72.05	5.59	77.64	-44.56	122.20	Peak
6		5786.000	99.06	5.81	104.87	N/A	N/A	Peak
7		5850.000	70.82	6.04	76.86	-45.34	122.20	Peak
8		5855.000	67.80	6.06	73.86	-36.94	110.80	Peak
9		5875.000	61.69	6.13	67.82	-37.38	105.20	Peak
10		5925.000	55.79	6.32	62.11	-6.09	68.20	Peak
11		5948.800	57.07	6.40	63.48	-4.72	68.20	Peak

Note:

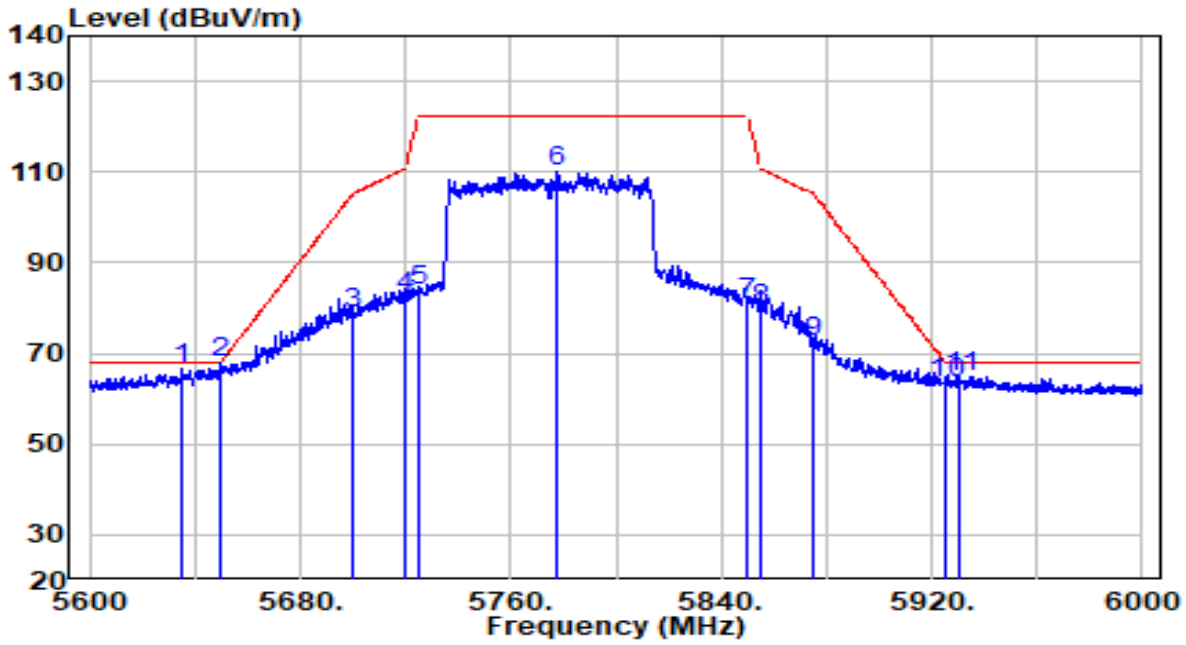
1. " *", means this data is the worst emission level.

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

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

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	24.2℃/50.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5775MHz by 802.11ax-HE80	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		5635.200	61.19	5.26	66.45	-1.75	68.20	Peak
2	*	5650.000	62.78	5.32	68.09	-0.11	68.20	Peak
3		5700.000	73.45	5.50	78.95	-26.25	105.20	Peak
4		5720.000	76.77	5.57	82.34	-28.46	110.80	Peak
5		5725.000	78.29	5.59	83.88	-38.32	122.20	Peak
6		5777.400	104.41	5.78	110.19	N/A	N/A	Peak
7		5850.000	75.29	6.04	81.33	-40.87	122.20	Peak
8		5855.000	73.58	6.06	79.64	-31.16	110.80	Peak
9		5875.000	66.57	6.13	72.70	-32.50	105.20	Peak
10		5925.000	57.22	6.32	63.54	-4.66	68.20	Peak
11		5930.800	58.59	6.34	64.93	-3.27	68.20	Peak

Note:

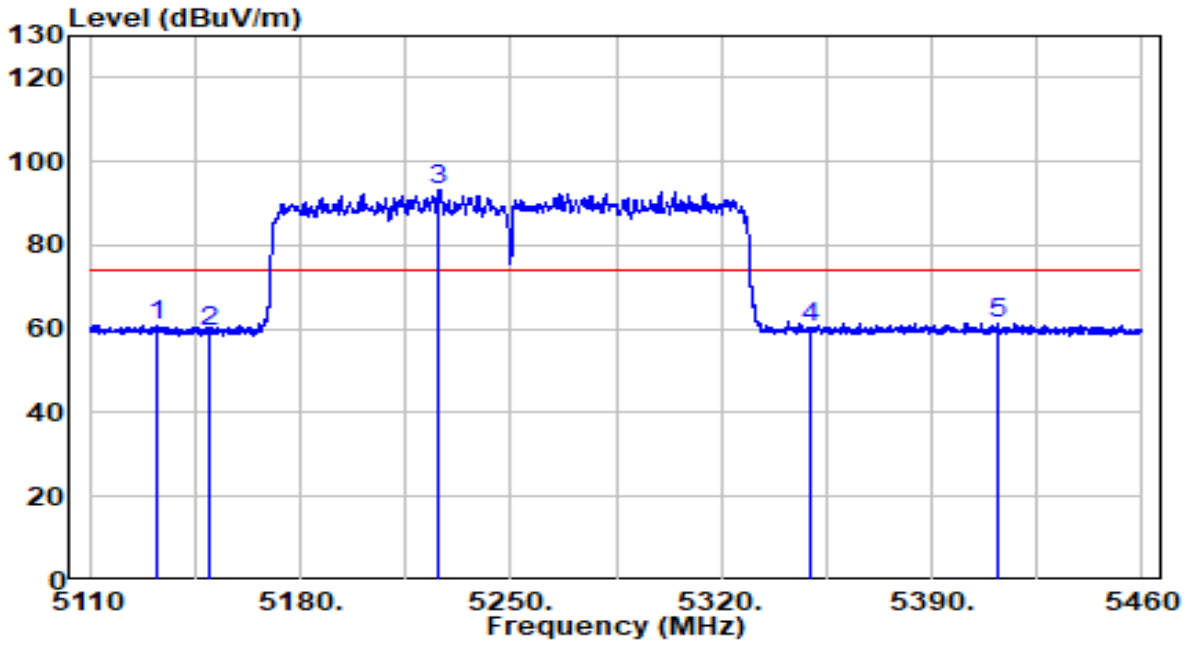
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	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		5132.400	56.79	4.17	60.96	-13.04	74.00	Peak
2		5150.000	55.13	4.20	59.33	-14.67	74.00	Peak
3	*	5226.200	88.95	4.32	93.27	N/A	N/A	Peak
4		5350.000	55.68	4.52	60.21	-13.79	74.00	Peak
5		5412.225	56.93	4.63	61.55	-12.45	74.00	Peak

Note:

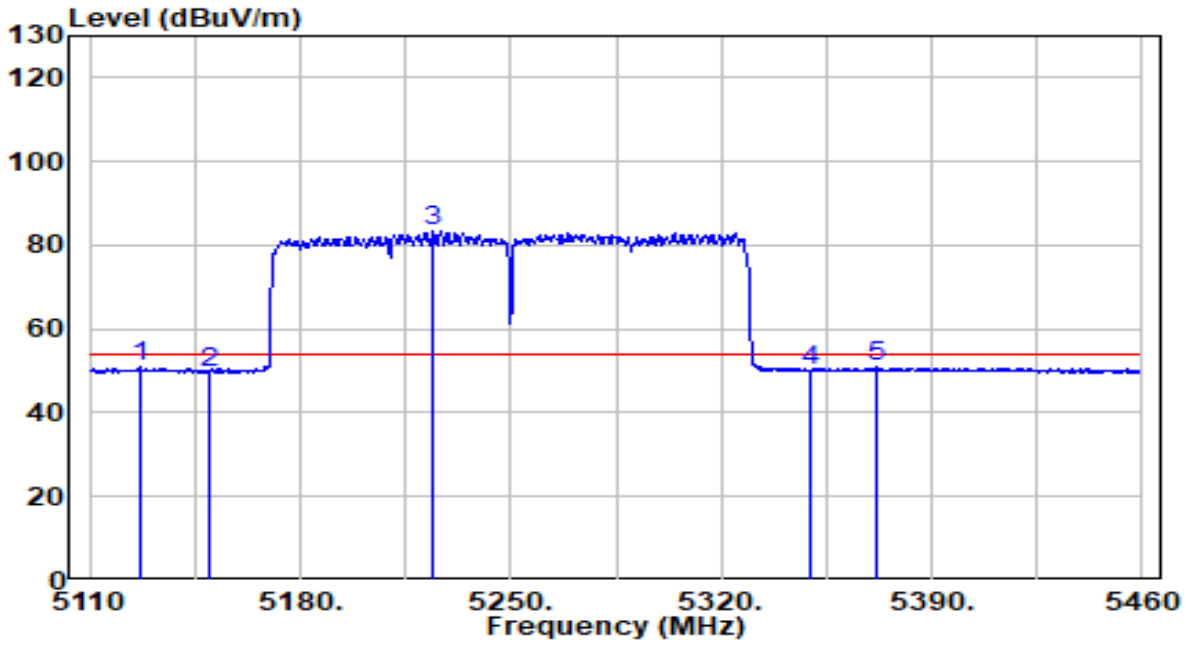
1. " *", means this data is the worst emission level.

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

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

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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	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		5126.450	46.72	4.16	50.87	-3.13	54.00	Average
2		5150.075	45.50	4.20	49.69	-4.31	54.00	Average
3	*	5224.275	79.28	4.32	83.60	N/A	N/A	Average
4		5350.000	45.57	4.52	50.10	-3.90	54.00	Average
5		5371.450	46.24	4.56	50.80	-3.20	54.00	Average

Note:

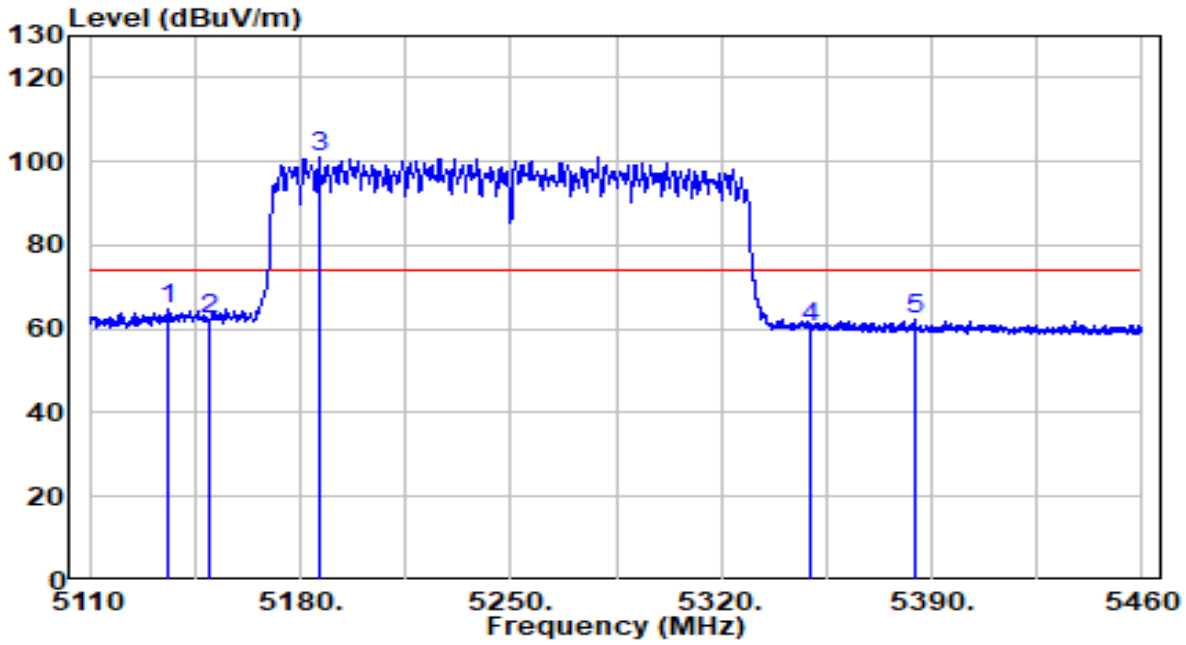
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB) + Cable Loss (dB) – 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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	Test Voltage	120V/60Hz

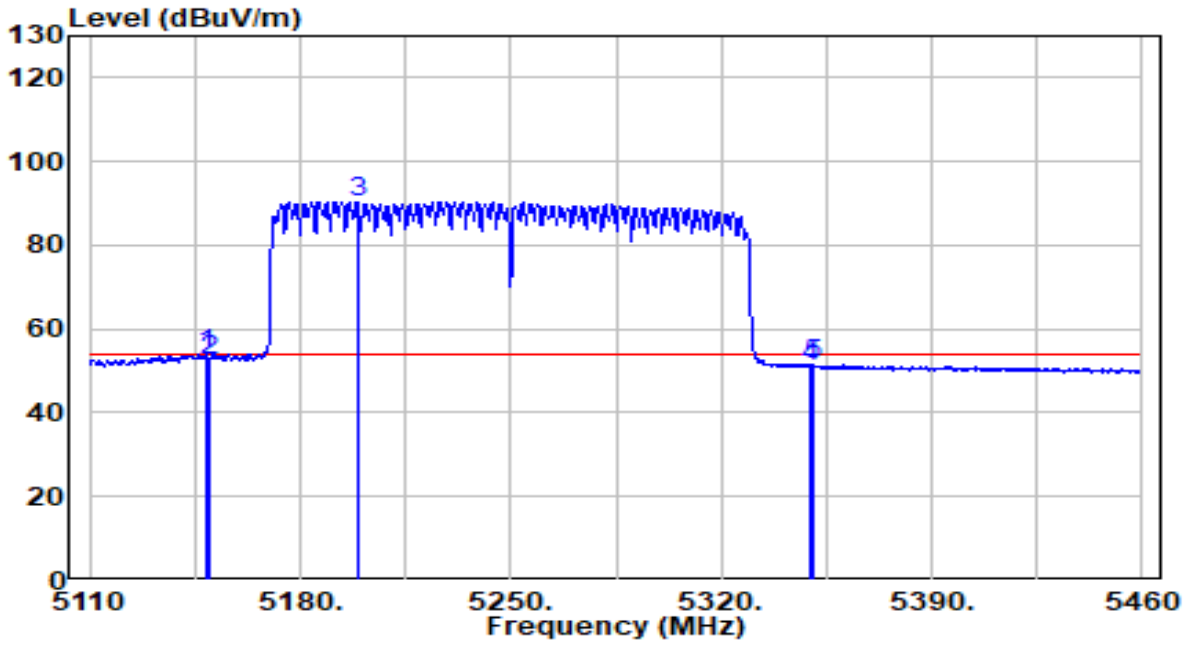


No		Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Remark (QP/PK/AV)
1		5136.075	60.58	4.17	64.75	-9.25	74.00	Peak
2		5150.000	57.89	4.20	62.08	-11.92	74.00	Peak
3	*	5186.300	96.79	4.26	101.04	N/A	N/A	Peak
4		5350.000	56.00	4.52	60.52	-13.48	74.00	Peak
5		5384.575	57.53	4.58	62.11	-11.89	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).
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	2021-12-10
Factor	BBHA 9120D (1GHz~18GHz) _2021	Temp. / Humidity	24.7℃/48.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5250MHz by 802.11ax-HE160	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		5148.500	49.62	4.19	53.81	-0.19	54.00	Average
2		5150.000	48.45	4.20	52.65	-1.35	54.00	Average
3	*	5198.900	86.19	4.28	90.47	N/A	N/A	Average
4		5350.000	46.73	4.52	51.26	-2.74	54.00	Average
5		5350.450	46.99	4.52	51.51	-2.49	54.00	Average

Note:

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

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

7.10. AC Conducted Emissions Measurement

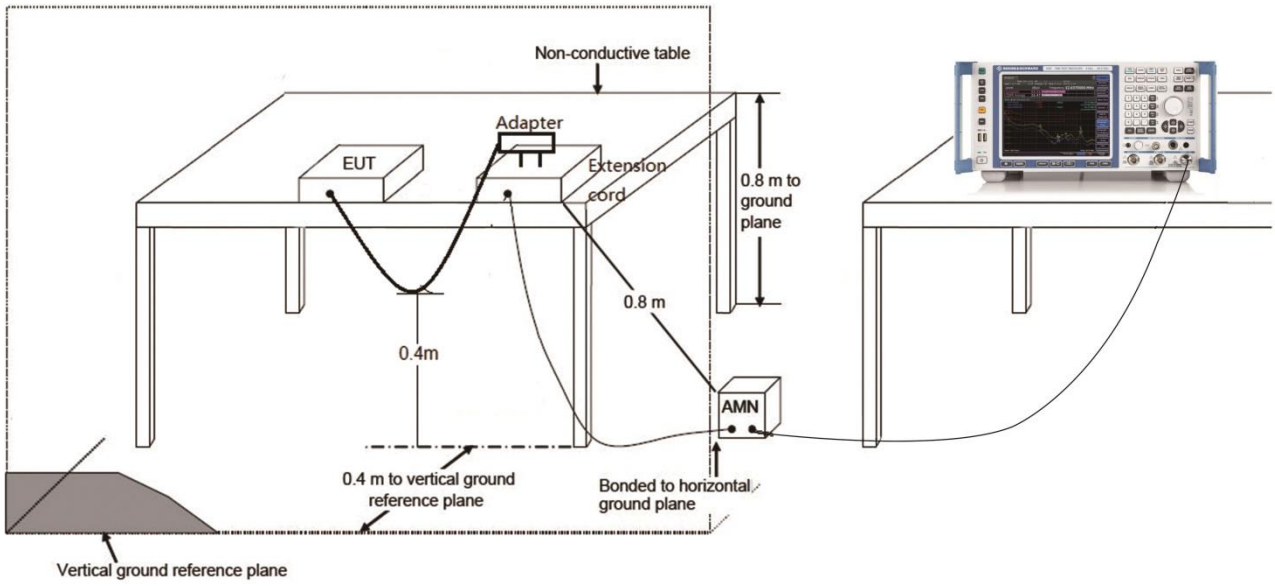
7.10.1. Test Limit

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.

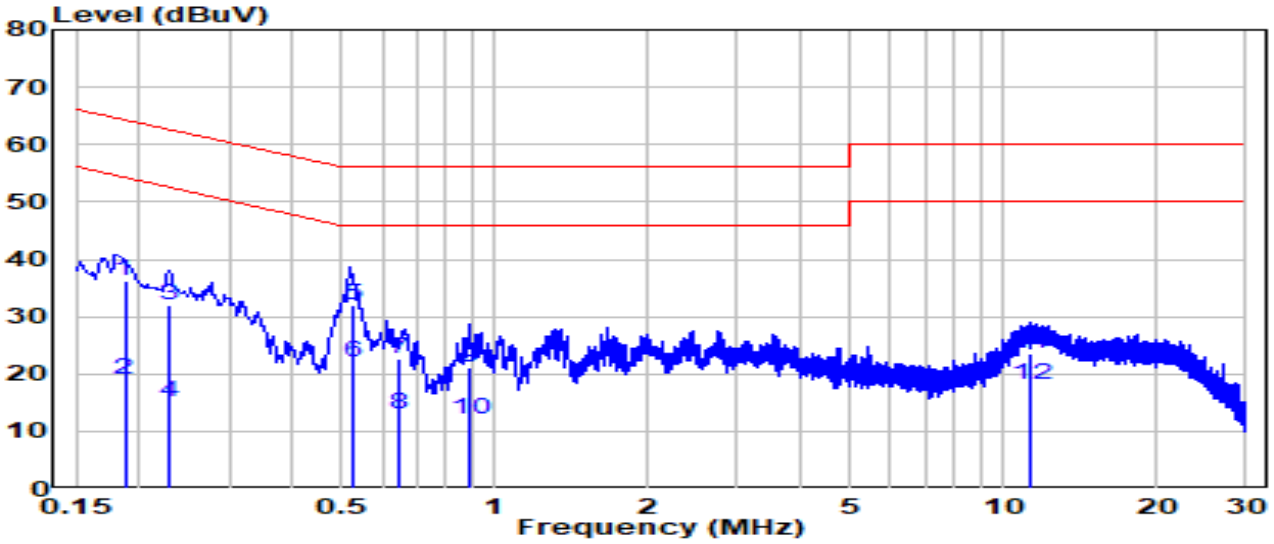
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.10.2. Test Setup



7.10.3.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-15
Factor	CE_ENV216-L1 (Filter OFF)_2021	Temp. / Humidity	18°C /48%
Polarity	Line1	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	Test Voltage	120V/60Hz

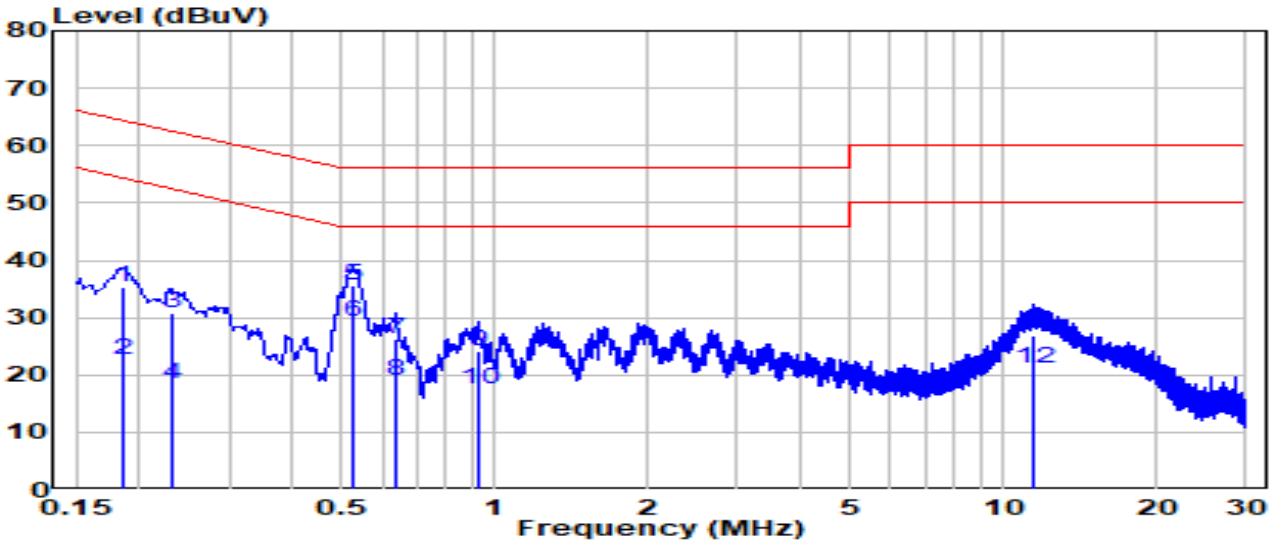


No		Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Remark (QP/PK/AV)
1		0.187	26.50	9.61	36.11	-28.05	64.17	QP
2		0.187	9.50	9.61	19.11	-35.05	54.17	Average
3		0.230	22.40	9.61	32.01	-30.44	62.45	QP
4		0.230	5.50	9.61	15.11	-37.34	52.45	Average
5		0.528	22.29	9.63	31.93	-24.07	56.00	QP
6	*	0.528	12.49	9.63	22.13	-23.87	46.00	Average
7		0.648	13.10	9.64	22.74	-33.26	56.00	QP
8		0.648	3.40	9.64	13.04	-32.96	46.00	Average
9		0.886	11.59	9.65	21.24	-34.76	56.00	QP
10		0.886	2.39	9.65	12.04	-33.96	46.00	Average
11		11.300	13.59	9.88	23.47	-36.53	60.00	QP
12		11.300	8.29	9.88	18.17	-31.83	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(dBµV) = Reading(dBµV) + C.F (Correction Factor).

EUT	AX3000 Whole Home Mesh Wi-Fi 6 System	Date of Test	2021-12-15
Factor	CE_ENV216-N (Filter OFF)_2021	Temp. / Humidity	18°C /48%
Polarity	Neutral	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit at 5745MHz by 802.11a	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		0.186	25.60	9.61	35.21	-29.00	64.21	QP
2		0.186	12.90	9.61	22.51	-31.70	54.21	Average
3		0.233	21.29	9.61	30.91	-31.44	62.34	QP
4		0.233	8.79	9.61	18.41	-33.94	52.34	Average
5		0.526	25.99	9.64	35.62	-20.38	56.00	QP
6	*	0.526	19.59	9.64	29.22	-16.78	46.00	Average
7		0.635	16.48	9.64	26.13	-29.87	56.00	QP
8		0.635	9.28	9.64	18.93	-27.07	46.00	Average
9		0.927	14.38	9.66	24.04	-31.96	56.00	QP
10		0.927	7.98	9.66	17.64	-28.36	46.00	Average
11		11.500	16.89	9.91	26.80	-33.20	60.00	QP
12		11.500	11.29	9.91	21.20	-28.80	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(dBµV) = Reading(dBµV) + 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.

The End

Appendix A - Test Setup Photograph

Refer to “2111TW0005-Setup photo” file.

Appendix B - External Photograph

Refer to “2111TW0005-External photo” file.

Appendix C - Internal Photograph

Refer to “2111TW0005-Internal photo” file.