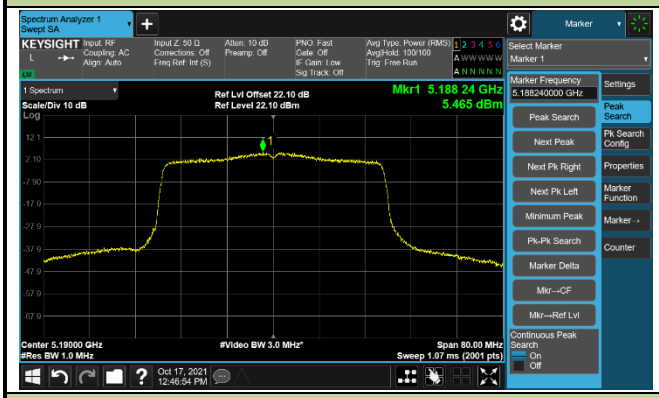
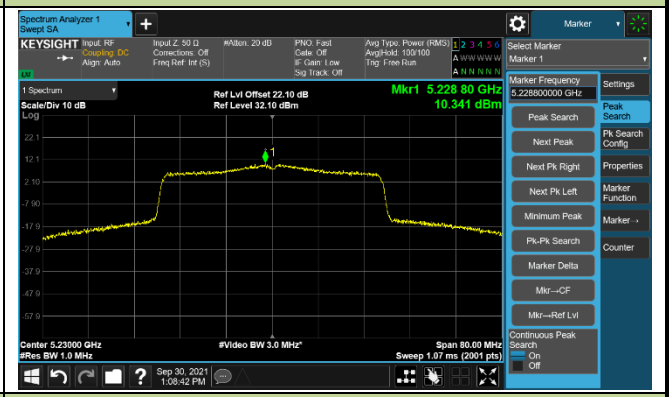
802.11ax-HE40 Power Spectral Density – Ant 1

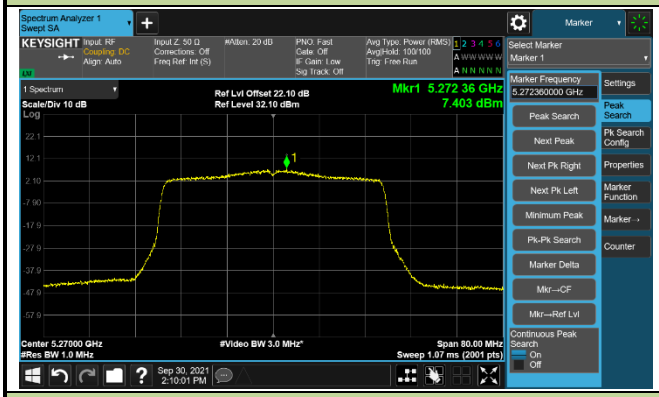
Channel 38 (5190MHz)



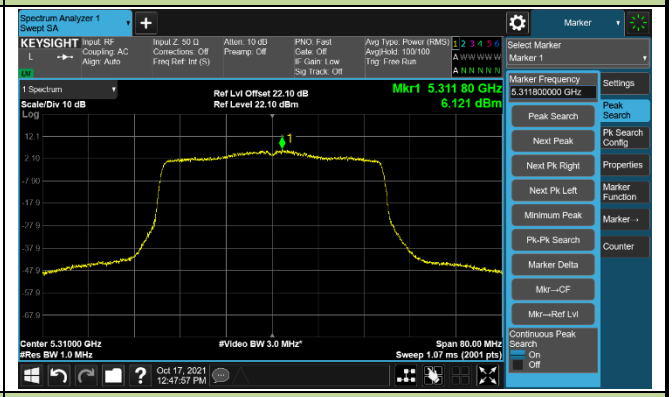
Channel 46 (5230MHz)



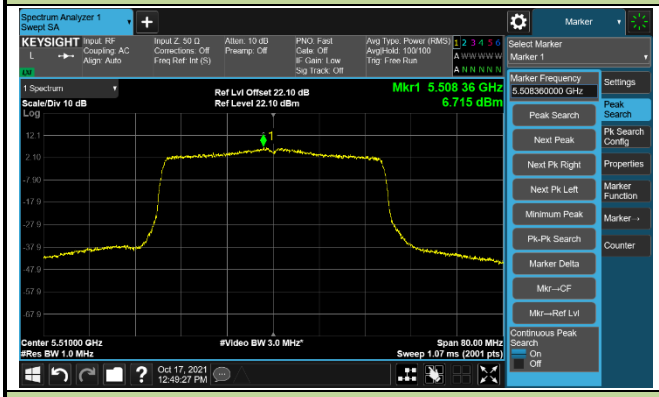
Channel 54 (5270MHz)



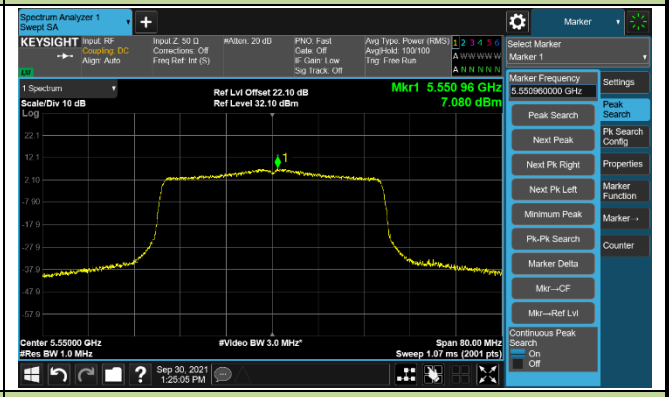
Channel 62 (5310MHz)



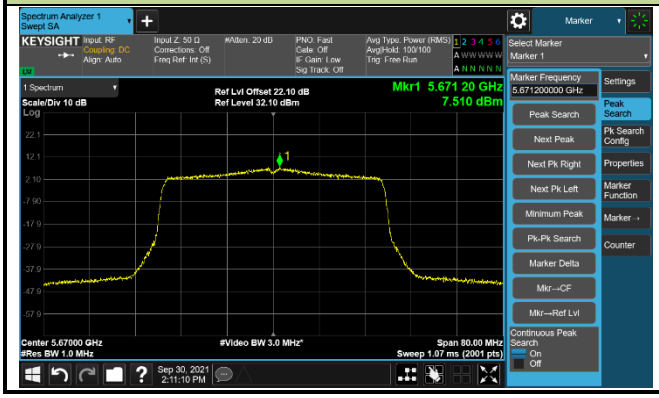
Channel 102 (5510MHz)



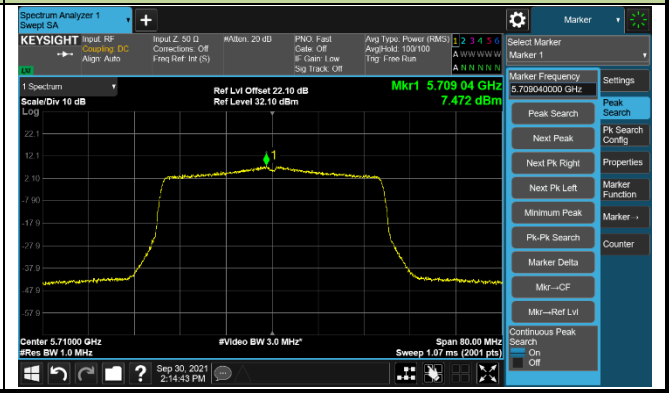
Channel 110 (5550MHz)

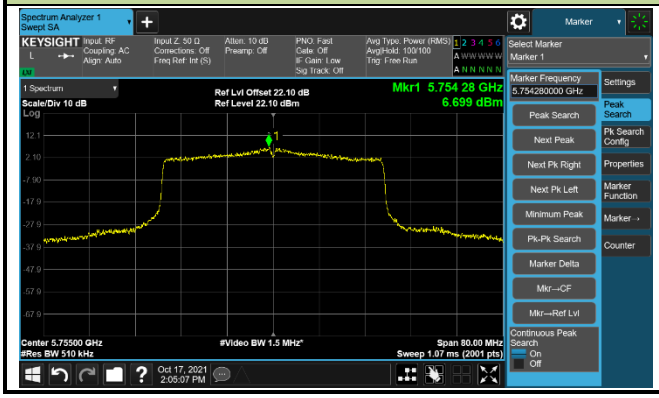
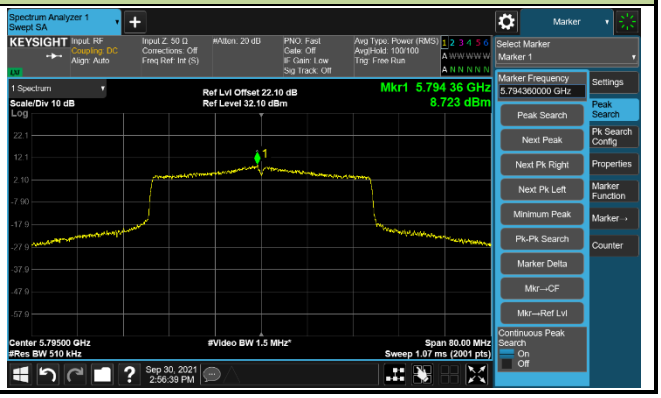


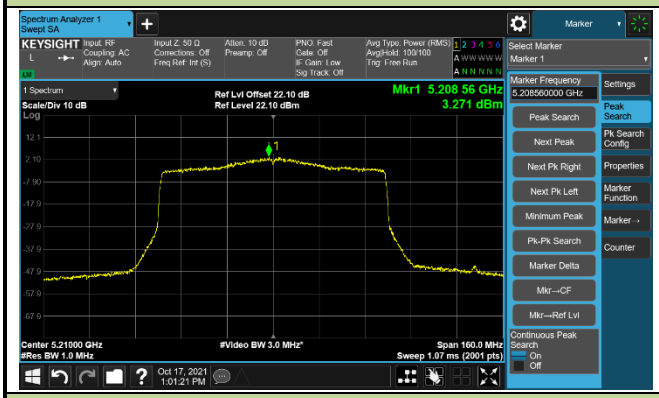
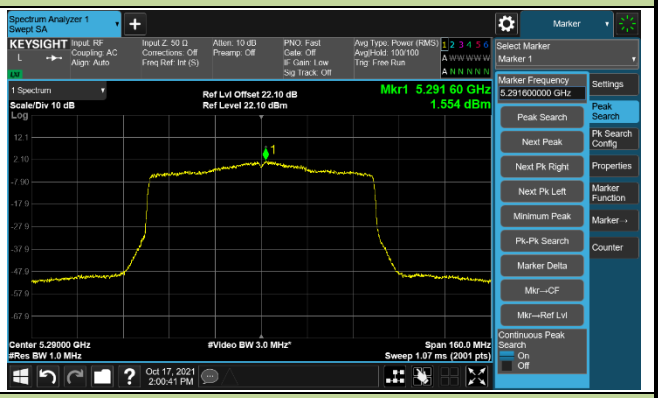
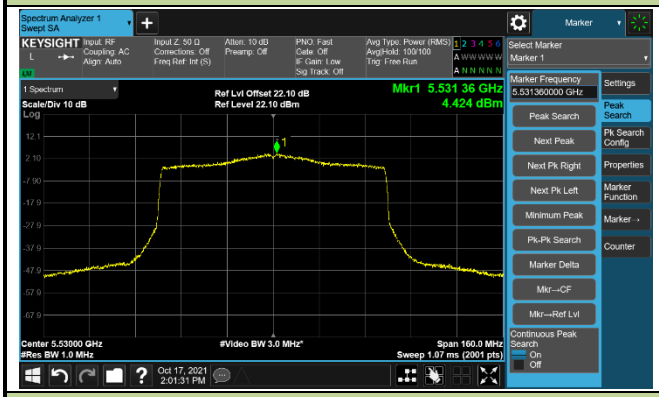
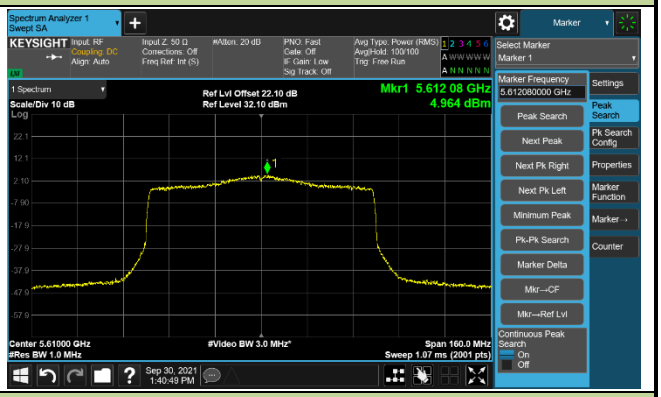
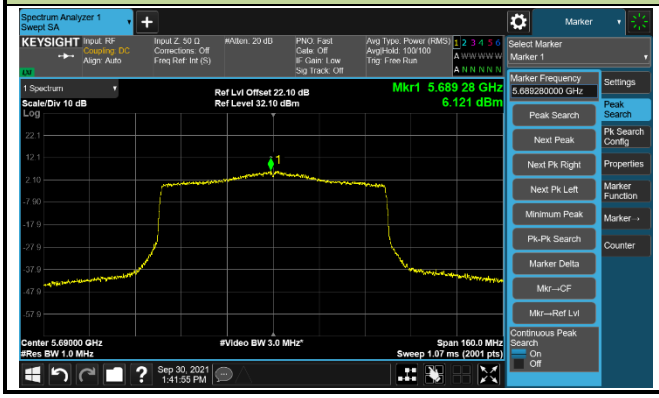
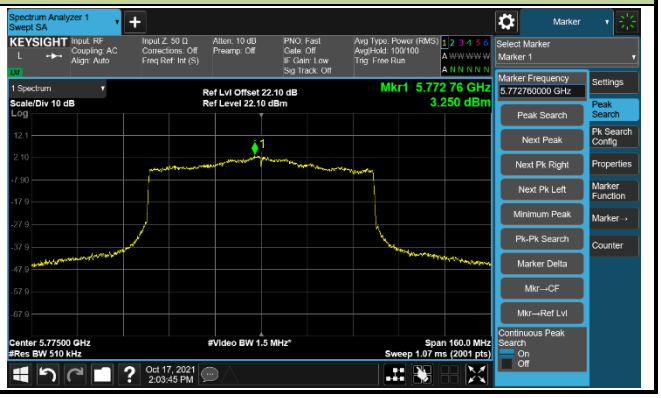
Channel 134 (5670MHz)

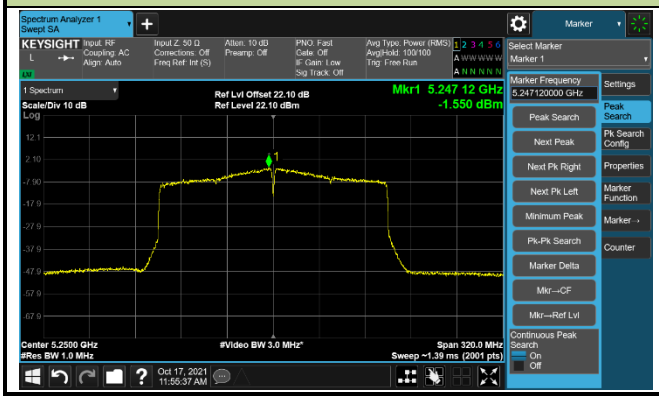
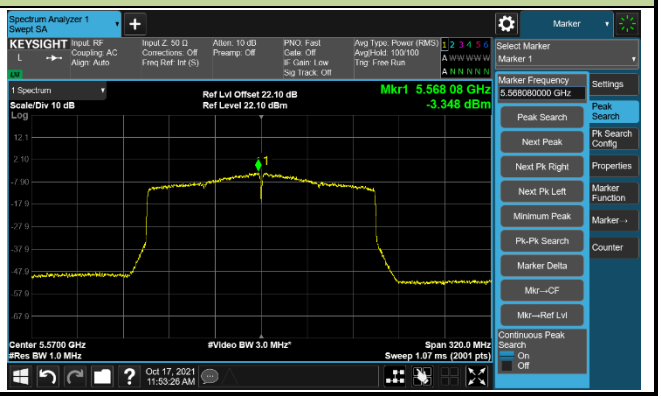


Channel 142 (5710MHz)



802.11ax-HE40 Power Spectral Density – Ant 1	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density – Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE160 Power Spectral Density – Ant 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

7.6. Frequency Stability Measurement

7.6.1.Test Limit

Fundamental emissions must be contained within the frequency bands specified in this section during all conditions of operation.

7.6.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

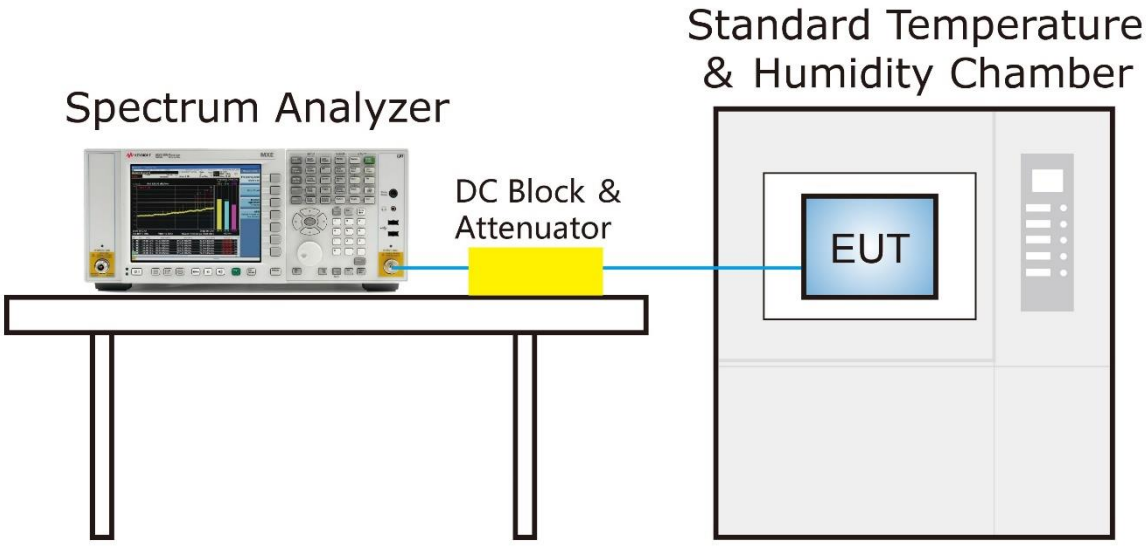
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

7.6.3.Test Setup



7.6.4.Test Result

Product	AX3000 Wi-Fi 6 Range Extender	Test Engineer	Eric Lin
Test Site	SR2	Test Date	2021/10/20
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	-30	11.79	12.22	12.16	12.22
		-20	13.15	13.18	13.18	13.16
		-10	12.82	12.56	12.51	12.82
		0	9.93	9.91	9.97	10.04
		+ 10	8.05	7.83	7.97	8.04
		+ 20	5.96	5.43	4.94	4.93
		+ 30	2.72	2.32	2.25	2.19
		+ 40	-0.69	-0.68	-0.62	-0.53
		+ 50	-1.05	-1.08	-1.09	-1.09
115%	138	+ 20	4.81	4.06	3.70	3.58
85%	102	+ 20	8.12	7.03	5.97	5.16

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

7.7. Radiated Spurious Emission Measurement

7.7.1.Test Limit

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

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

7.7.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.7.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

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

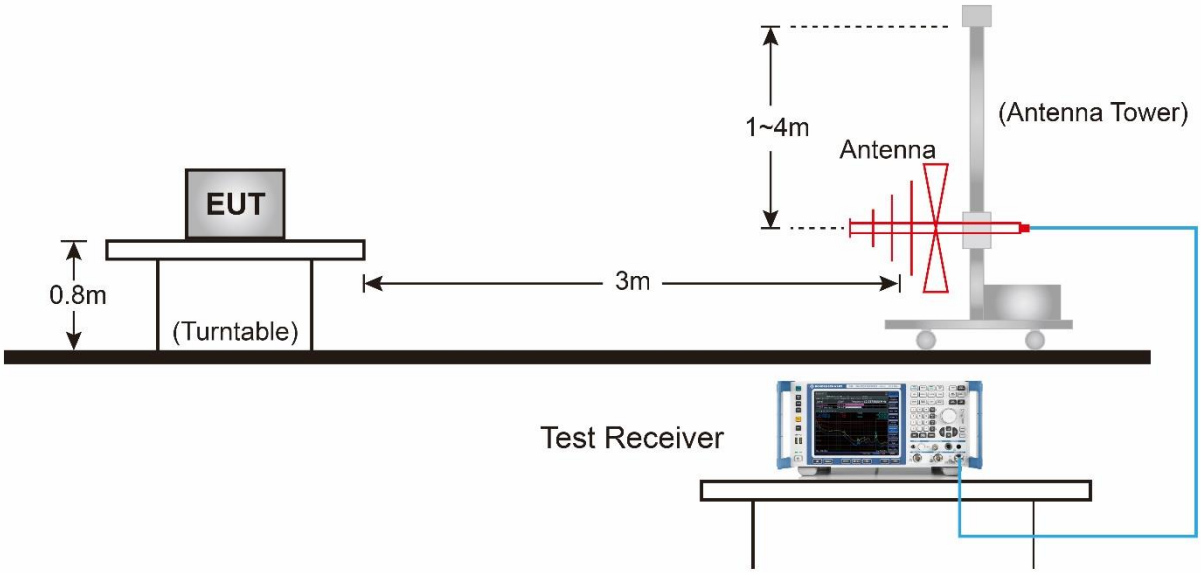
Average Measurements above 1GHz (Method VB)

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

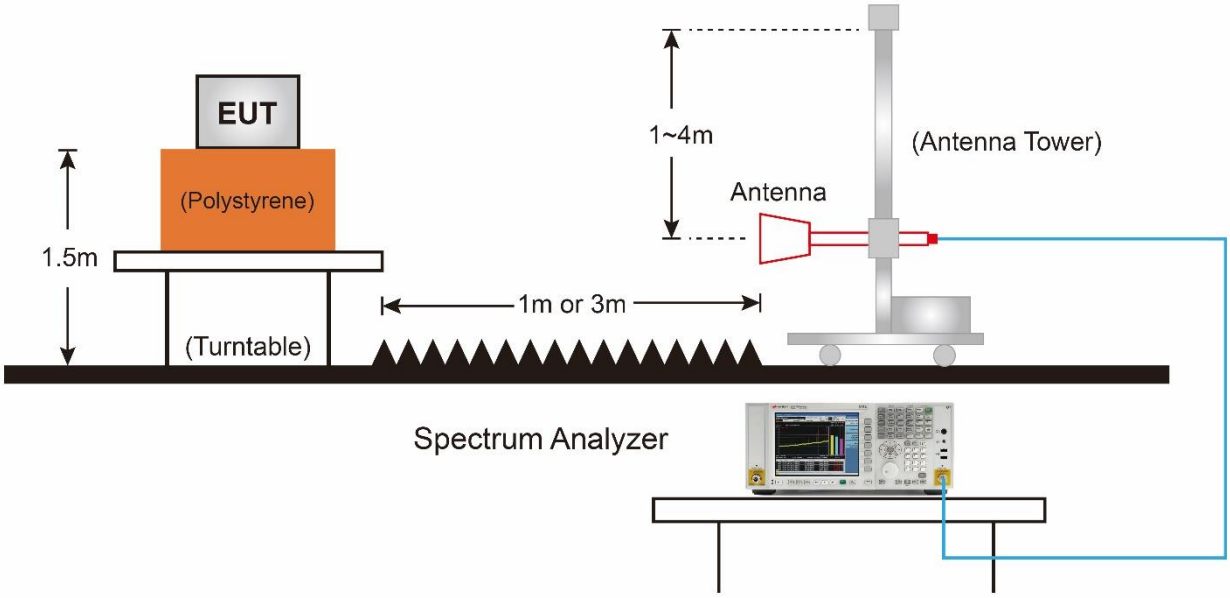
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.7.4.Test Setup

Below 1GHz Test Setup:

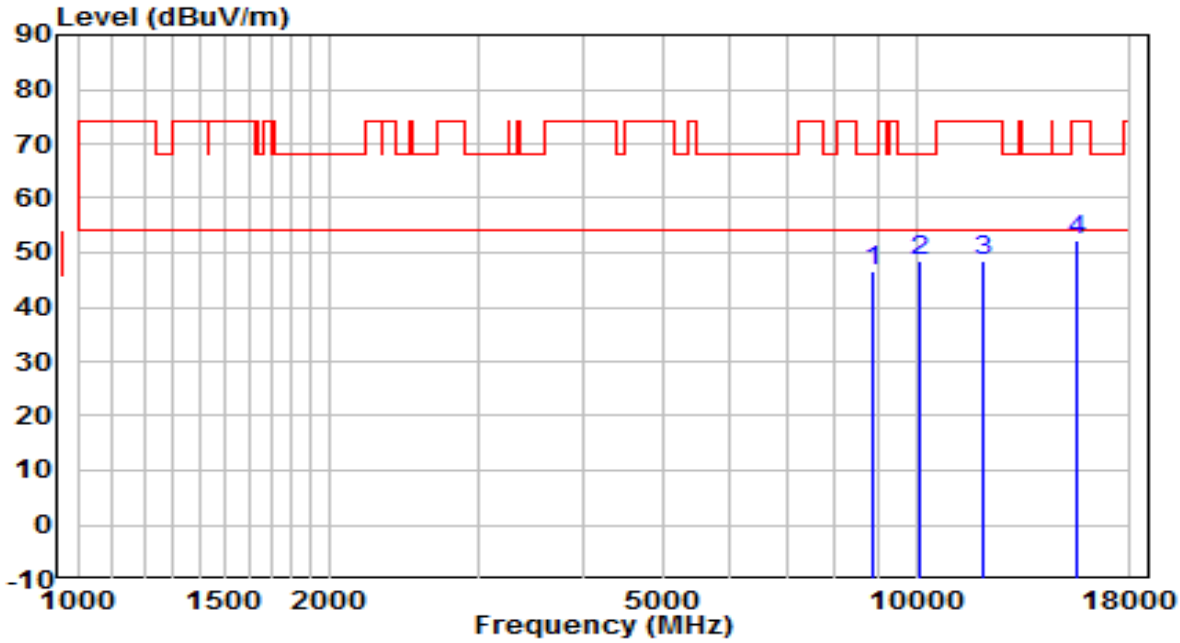


Above 1GHz Test Setup:



7.7.5.Test Result

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz

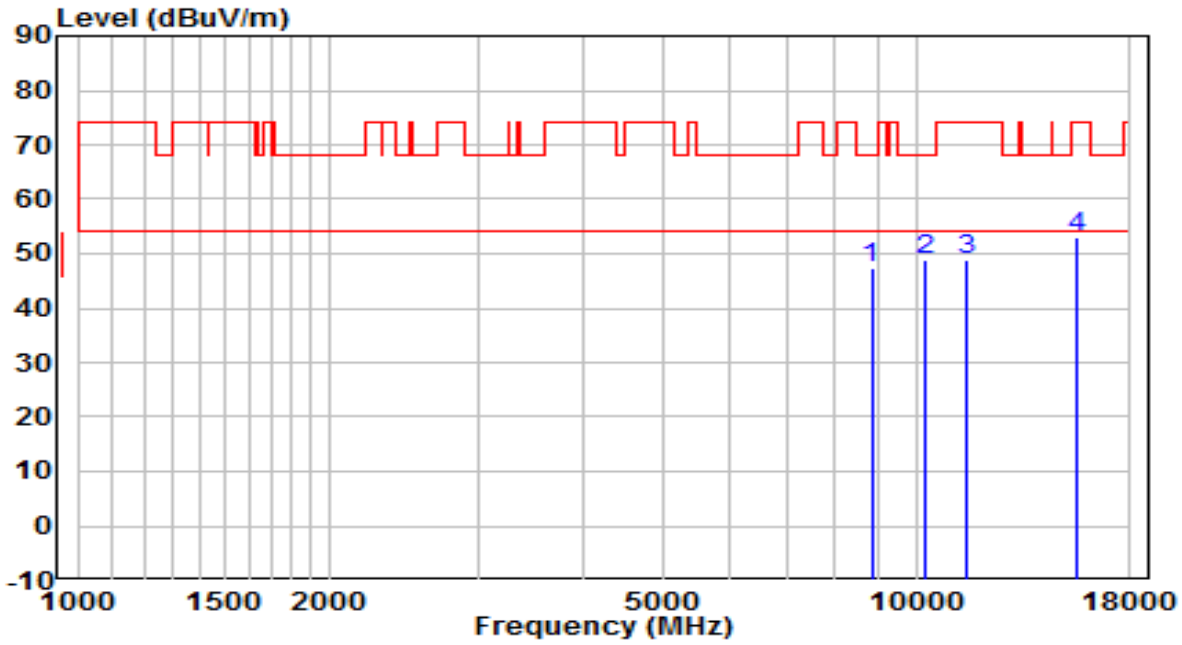


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.18	14.54	46.72	-21.48	68.20	Peak
2	*	10112.000	31.41	17.01	48.42	-19.78	68.20	Peak
3		12033.000	29.58	18.89	48.47	-25.53	74.00	Peak
4		15535.000	31.14	21.26	52.40	-21.60	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz

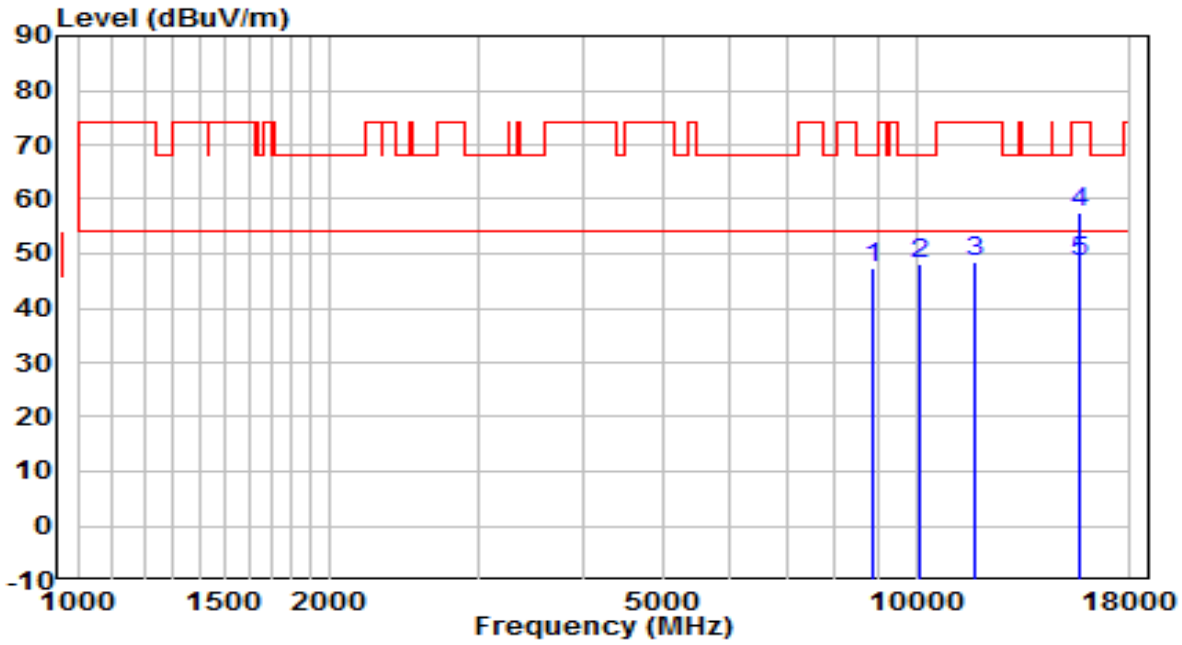


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8845.500	32.94	14.50	47.44	-20.76	68.20	Peak
2	*	10265.000	31.21	17.63	48.84	-19.36	68.20	Peak
3		11480.500	28.73	20.02	48.75	-25.25	74.00	Peak
4		15543.500	31.68	21.24	52.93	-21.07	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5220MHz	Test Voltage	AC 120V/60Hz

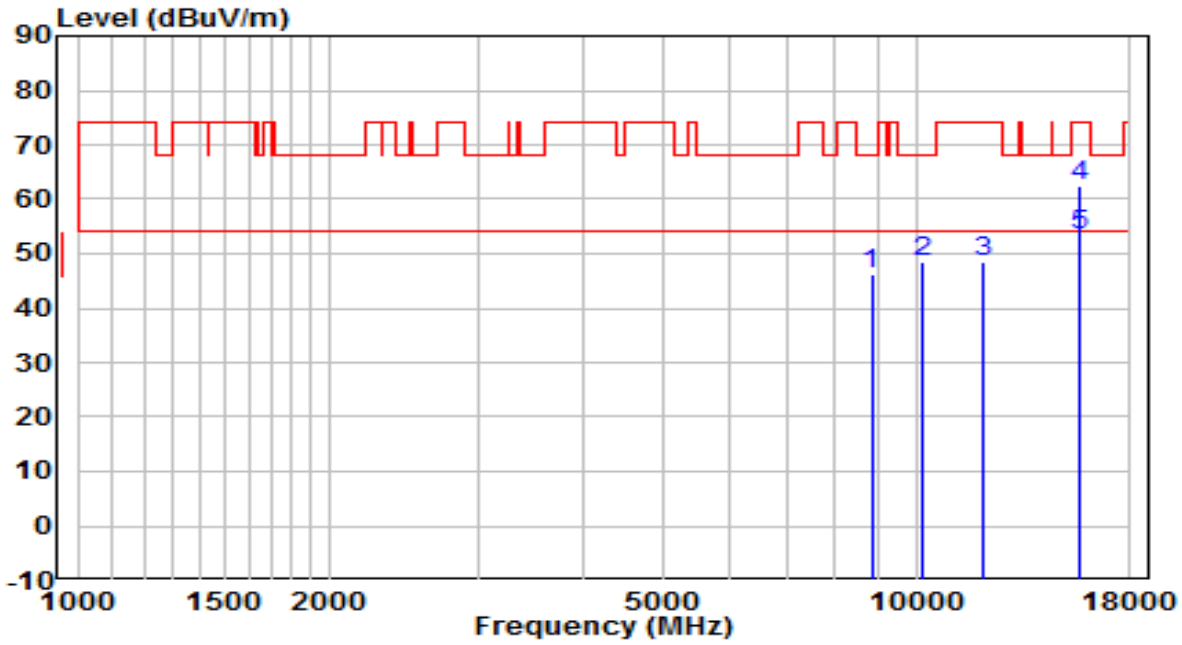


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8879.500	32.79	14.58	47.37	-20.83	68.20	Peak
2		10069.500	31.37	16.84	48.21	-19.99	68.20	Peak
3		11761.000	29.18	19.46	48.64	-25.36	74.00	Peak
4		15654.000	36.51	20.97	57.48	-16.52	74.00	Peak
5	*	15654.000	27.35	20.97	48.32	-5.68	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5220MHz	Test Voltage	AC 120V/60Hz

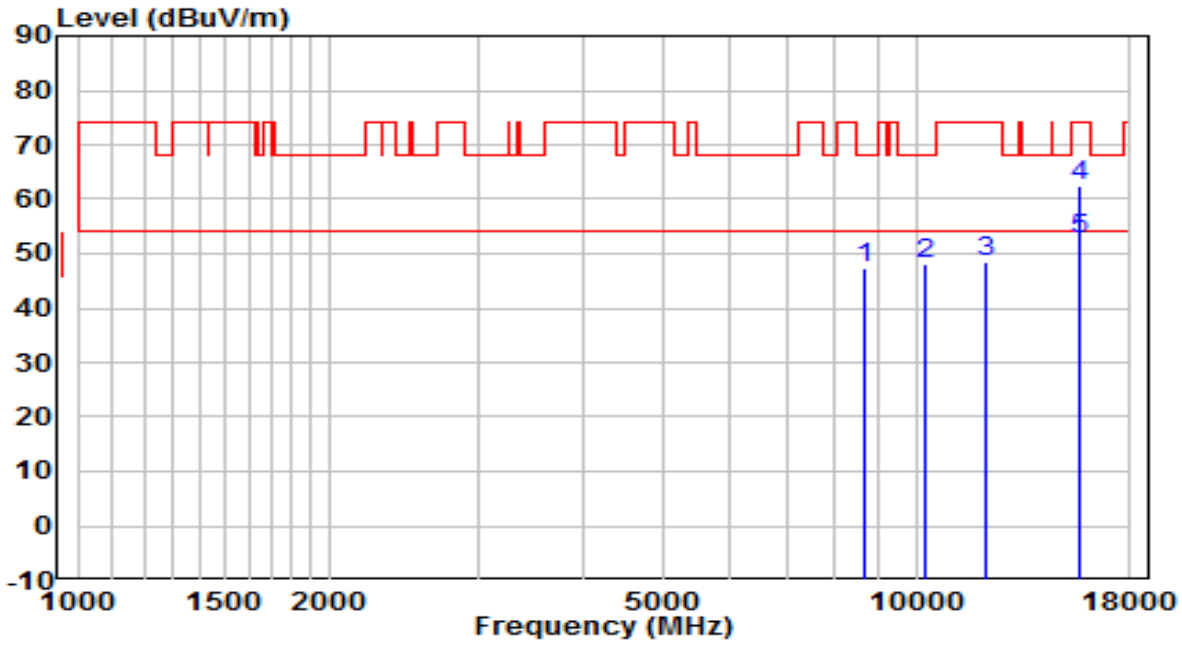


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8845.500	31.78	14.50	46.28	-21.92	68.20	Peak
2		10205.500	31.14	17.39	48.53	-19.67	68.20	Peak
3		12041.500	29.60	18.88	48.48	-25.52	74.00	Peak
4		15654.000	41.49	20.97	62.46	-11.54	74.00	Peak
5	*	15654.000	32.32	20.97	53.28	-0.72	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	AC 120V/60Hz

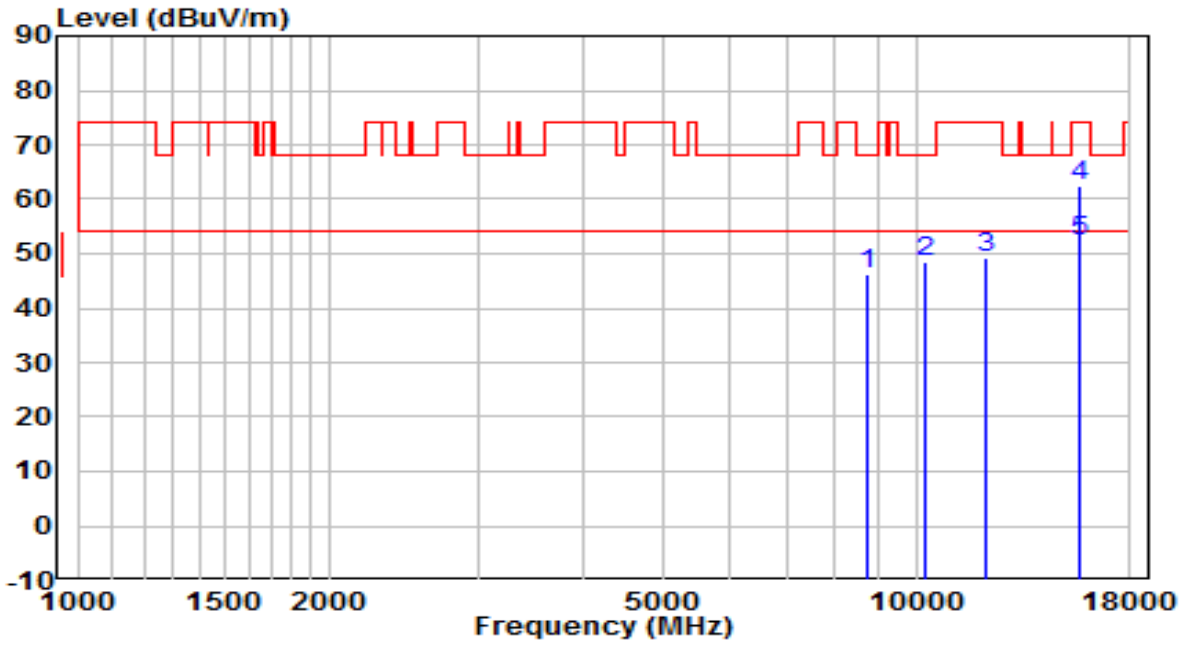


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8675.500	33.28	14.08	47.37	-20.83	68.20	Peak
2		10273.500	30.54	17.66	48.19	-20.01	68.20	Peak
3		12152.000	29.89	18.76	48.66	-25.34	74.00	Peak
4		15722.000	41.63	20.80	62.43	-11.57	74.00	Peak
5	*	15722.000	31.97	20.80	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/m) + Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	AC 120V/60Hz

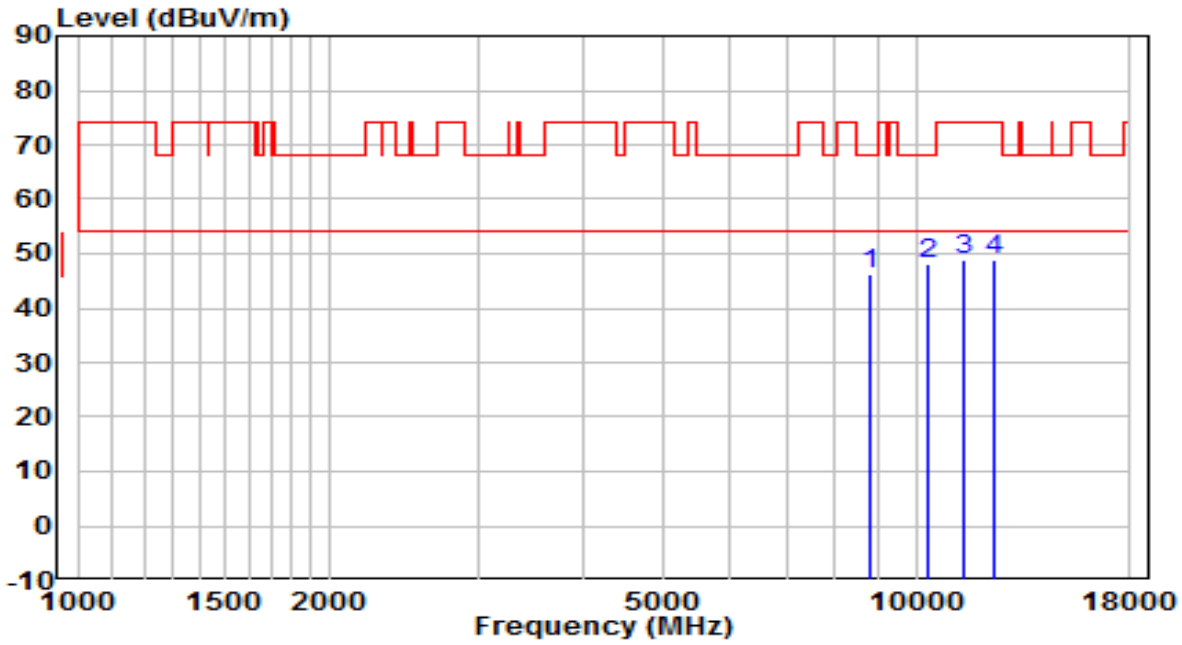


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8735.000	32.01	14.23	46.24	-21.96	68.20	Peak
2		10273.500	30.68	17.66	48.34	-19.86	68.20	Peak
3		12152.000	30.38	18.76	49.15	-24.85	74.00	Peak
4		15705.000	41.58	20.84	62.42	-11.58	74.00	Peak
5	*	15705.000	31.58	20.84	52.42	-1.58	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5260MHz	Test Voltage	AC 120V/60Hz

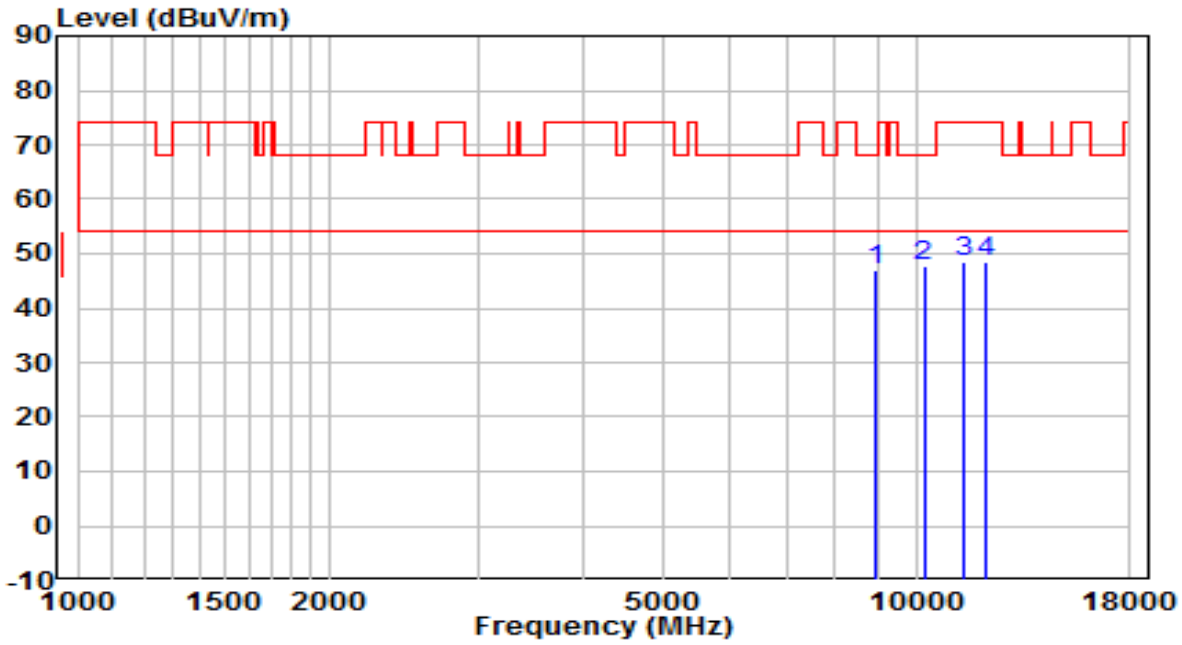


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8794.500	32.00	14.38	46.37	-21.83	68.20	Peak
2	*	10299.000	30.22	17.76	47.98	-20.22	68.20	Peak
3		11438.000	29.03	19.95	48.99	-25.01	74.00	Peak
4		12390.000	30.25	18.52	48.77	-25.23	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5260MHz	Test Voltage	AC 120V/60Hz

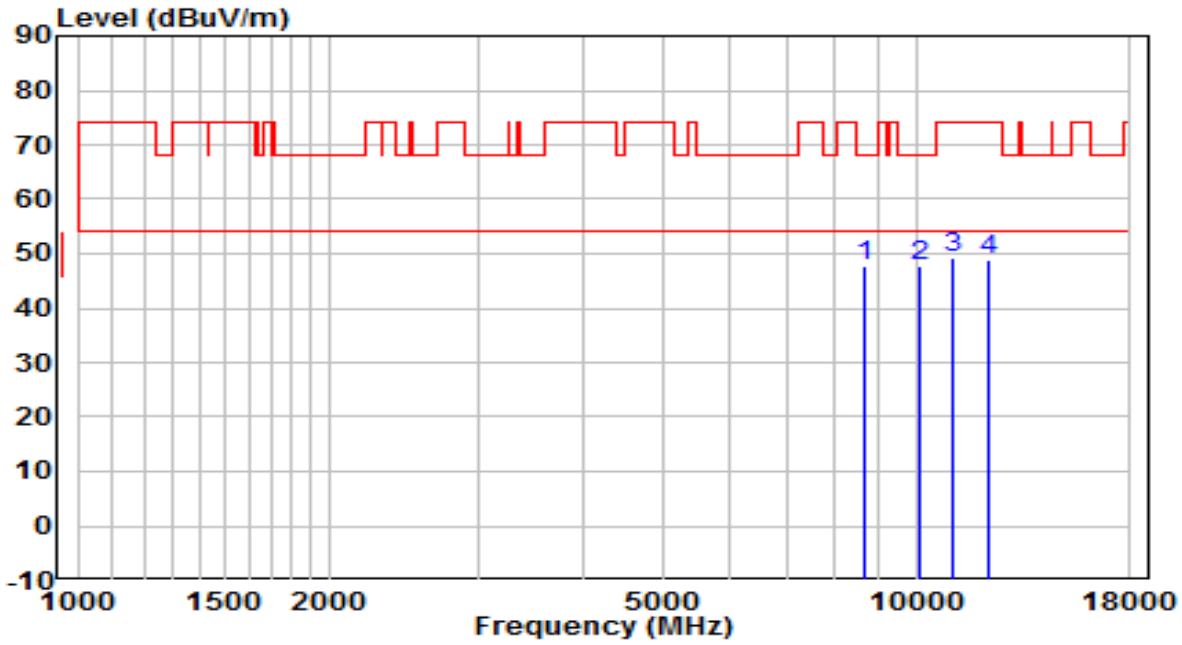


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8973.000	32.15	14.81	46.96	-21.24	68.20	Peak
2	*	10214.000	30.22	17.42	47.64	-20.56	68.20	Peak
3		11378.500	28.69	19.86	48.55	-25.45	74.00	Peak
4		12143.500	29.70	18.77	48.47	-25.53	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5300MHz	Test Voltage	AC 120V/60Hz

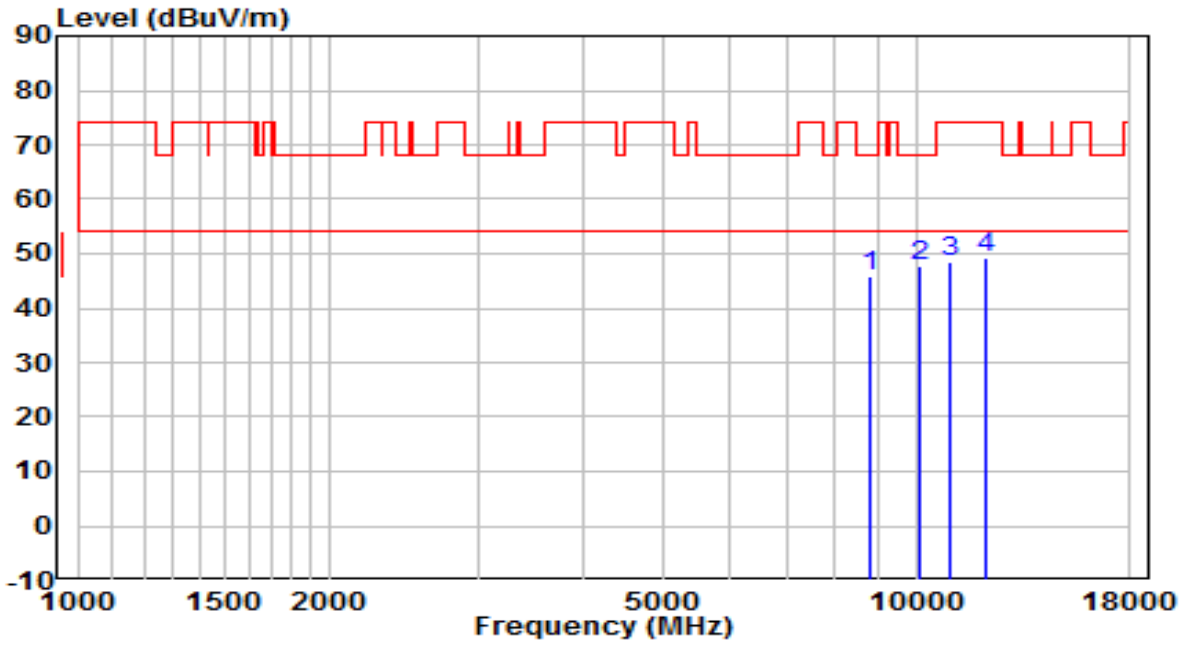


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8658.500	33.83	14.04	47.87	-20.33	68.20	Peak
2		10129.000	30.73	17.08	47.81	-20.39	68.20	Peak
3		11089.500	29.70	19.42	49.12	-24.88	74.00	Peak
4		12177.500	30.14	18.74	48.87	-25.13	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5300MHz	Test Voltage	AC 120V/60Hz

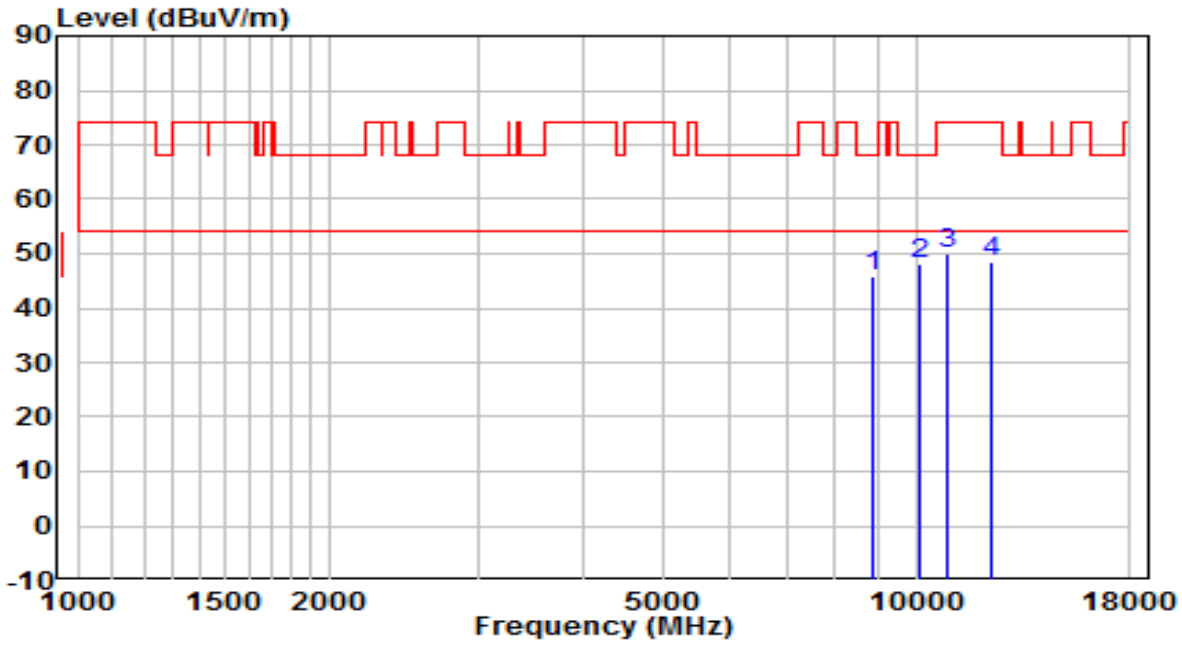


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8820.000	31.58	14.44	46.02	-22.18	68.20	Peak
2	*	10129.000	30.48	17.08	47.55	-20.65	68.20	Peak
3		10936.500	29.42	19.19	48.61	-25.39	74.00	Peak
4		12118.000	30.37	18.80	49.16	-24.84	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz

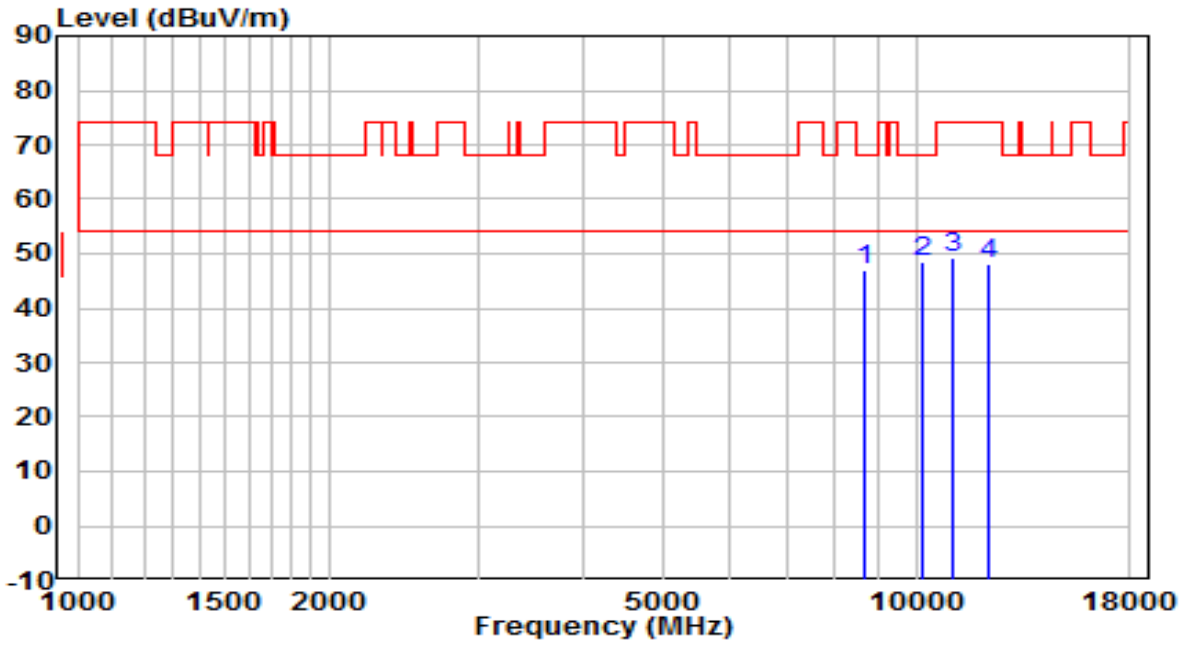


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8854.000	31.51	14.52	46.03	-22.17	68.20	Peak
2	*	10129.000	31.18	17.08	48.26	-19.94	68.20	Peak
3		10902.500	30.76	19.14	49.90	-24.10	74.00	Peak
4		12254.000	29.87	18.66	48.53	-25.47	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz

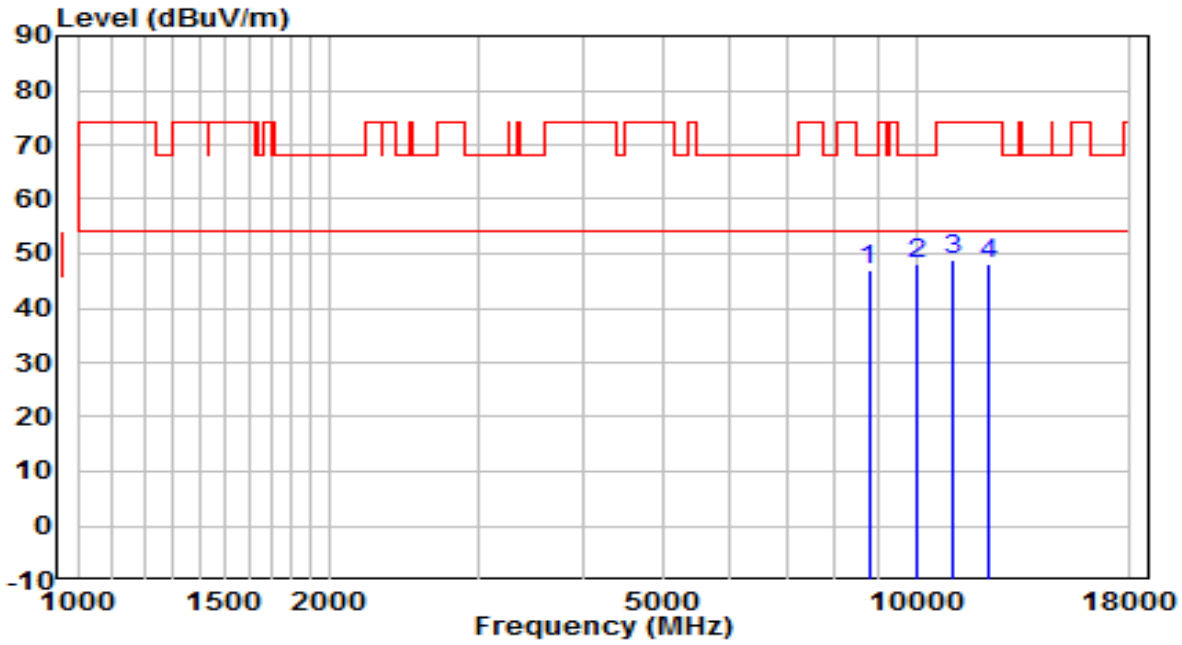


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8709.500	32.74	14.17	46.91	-21.29	68.20	Peak
2	*	10197.000	31.03	17.35	48.38	-19.82	68.20	Peak
3		11064.000	30.02	19.38	49.40	-24.60	74.00	Peak
4		12194.500	29.32	18.72	48.04	-25.96	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz

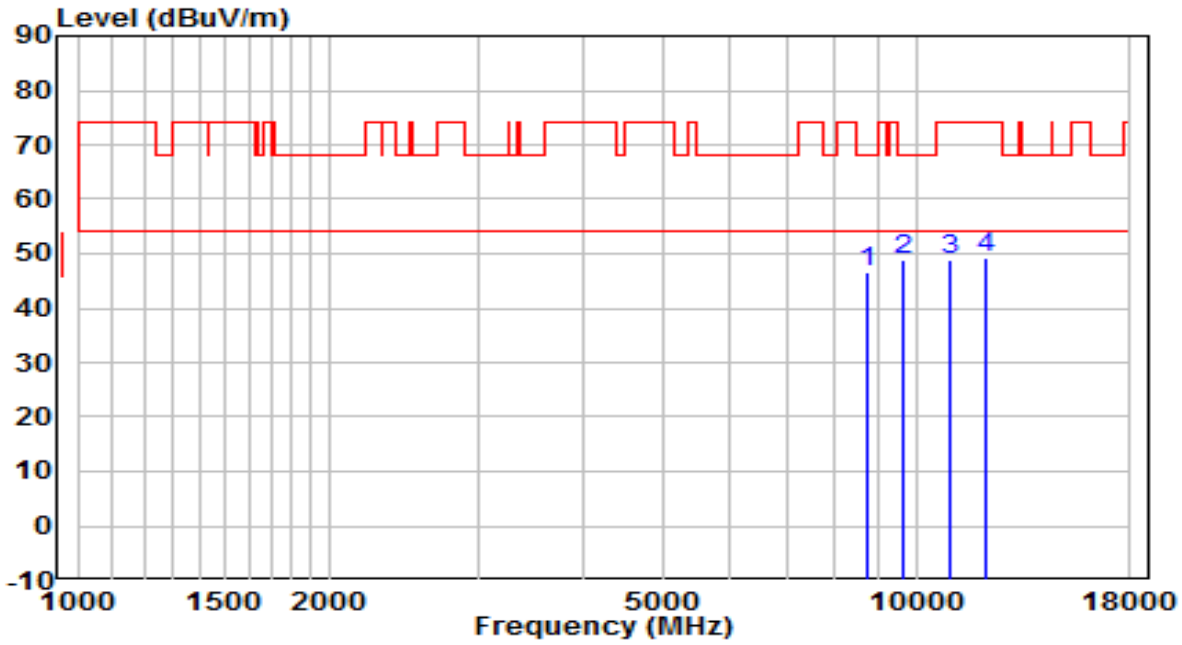


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	32.62	14.33	46.95	-21.25	68.20	Peak
2	*	10001.500	31.60	16.57	48.16	-20.04	68.20	Peak
3		11064.000	29.39	19.38	48.77	-25.23	74.00	Peak
4		12160.500	29.52	18.75	48.28	-25.72	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz

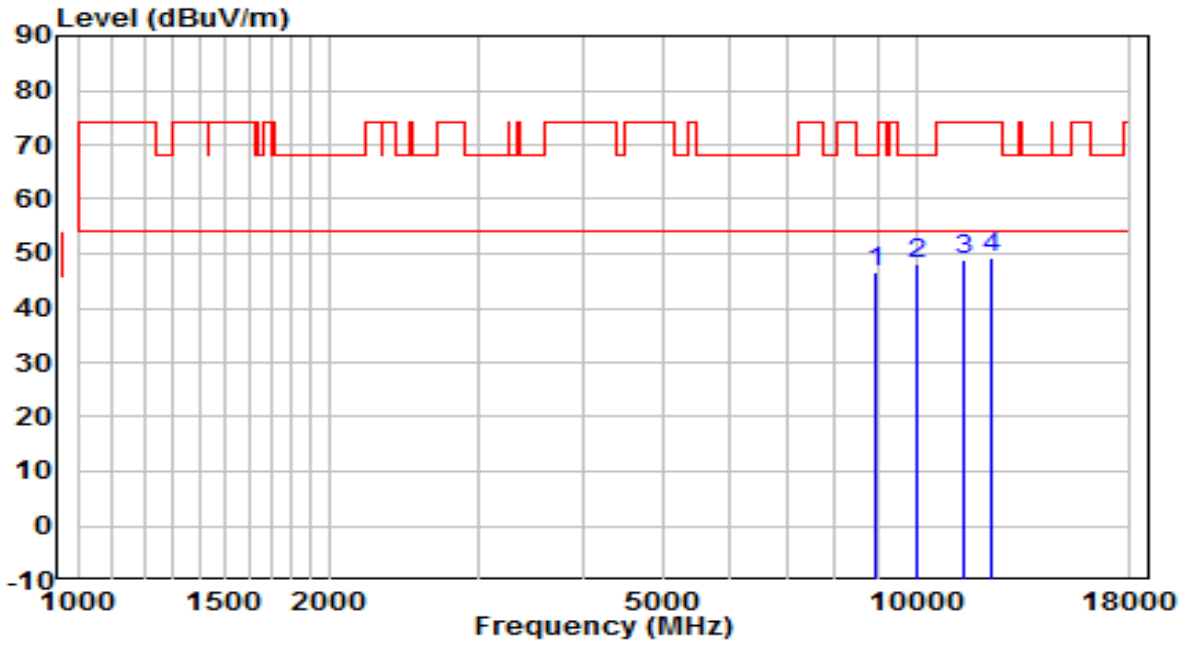


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8718.000	32.52	14.19	46.71	-21.49	68.20	Peak
2	*	9644.500	33.01	15.96	48.97	-19.23	68.20	Peak
3		11004.500	29.46	19.29	48.74	-25.26	74.00	Peak
4		12067.000	30.46	18.85	49.31	-24.69	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5580MHz	Test Voltage	AC 120V/60Hz

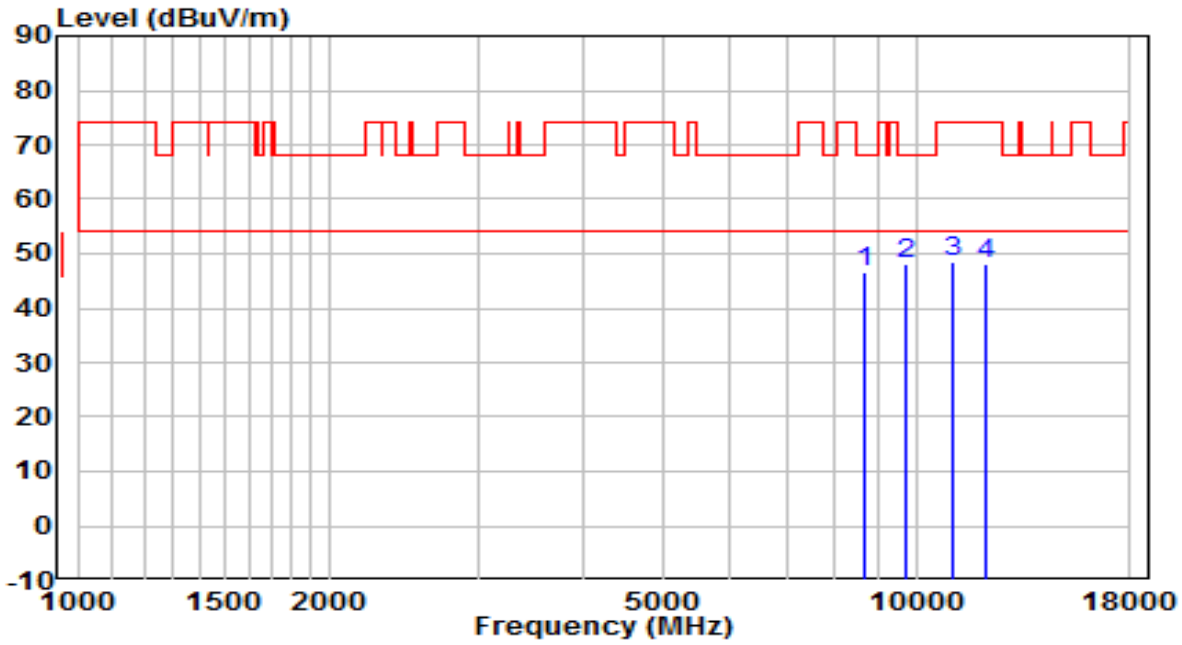


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8922.000	31.81	14.69	46.50	-21.70	68.20	Peak
2	*	10018.500	31.32	16.63	47.96	-20.24	68.20	Peak
3		11361.500	28.96	19.84	48.80	-25.20	74.00	Peak
4		12313.500	30.64	18.60	49.24	-24.76	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5580MHz	Test Voltage	AC 120V/60Hz

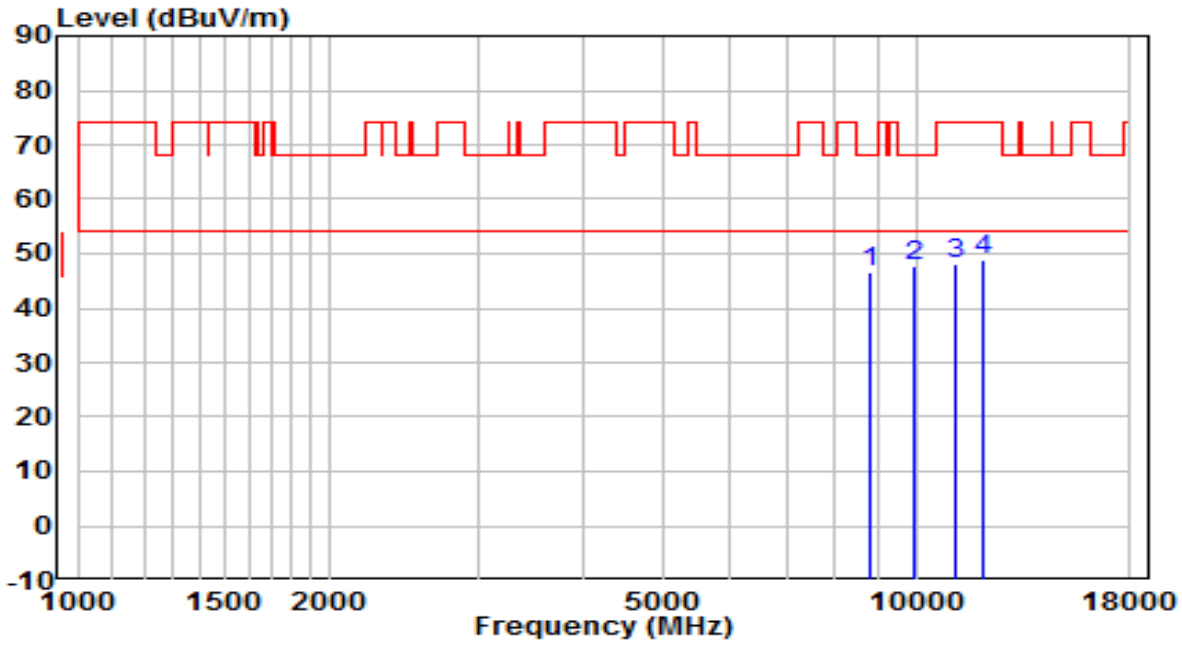


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8675.500	32.37	14.08	46.45	-21.75	68.20	Peak
2	*	9738.000	31.90	16.12	48.02	-20.18	68.20	Peak
3		11072.500	29.19	19.39	48.58	-25.42	74.00	Peak
4		12143.500	29.41	18.77	48.18	-25.82	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	AC 120V/60Hz

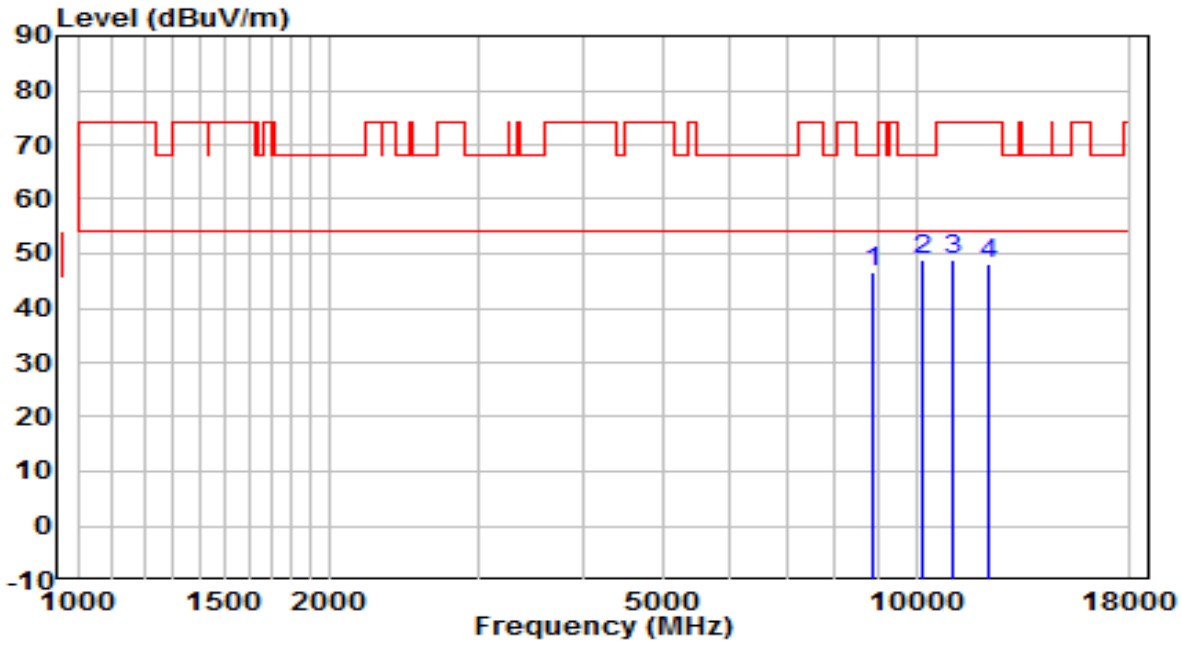


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8786.000	32.17	14.36	46.53	-21.67	68.20	Peak
2	*	9925.000	31.12	16.43	47.56	-20.64	68.20	Peak
3		11174.500	28.66	19.55	48.21	-25.79	74.00	Peak
4		12033.000	29.82	18.89	48.70	-25.30	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	AC 120V/60Hz

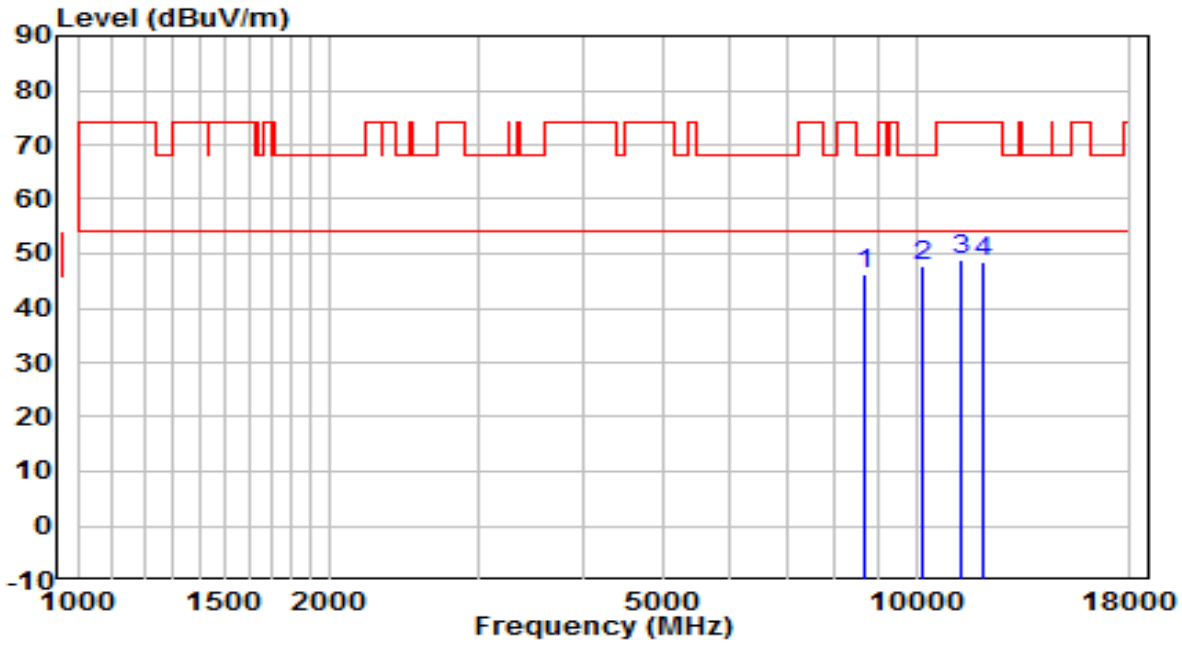


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.23	14.54	46.77	-21.43	68.20	Peak
2	*	10180.000	31.46	17.28	48.75	-19.45	68.20	Peak
3		11064.000	29.46	19.38	48.84	-25.16	74.00	Peak
4		12194.500	29.42	18.72	48.14	-25.86	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5720MHz	Test Voltage	AC 120V/60Hz

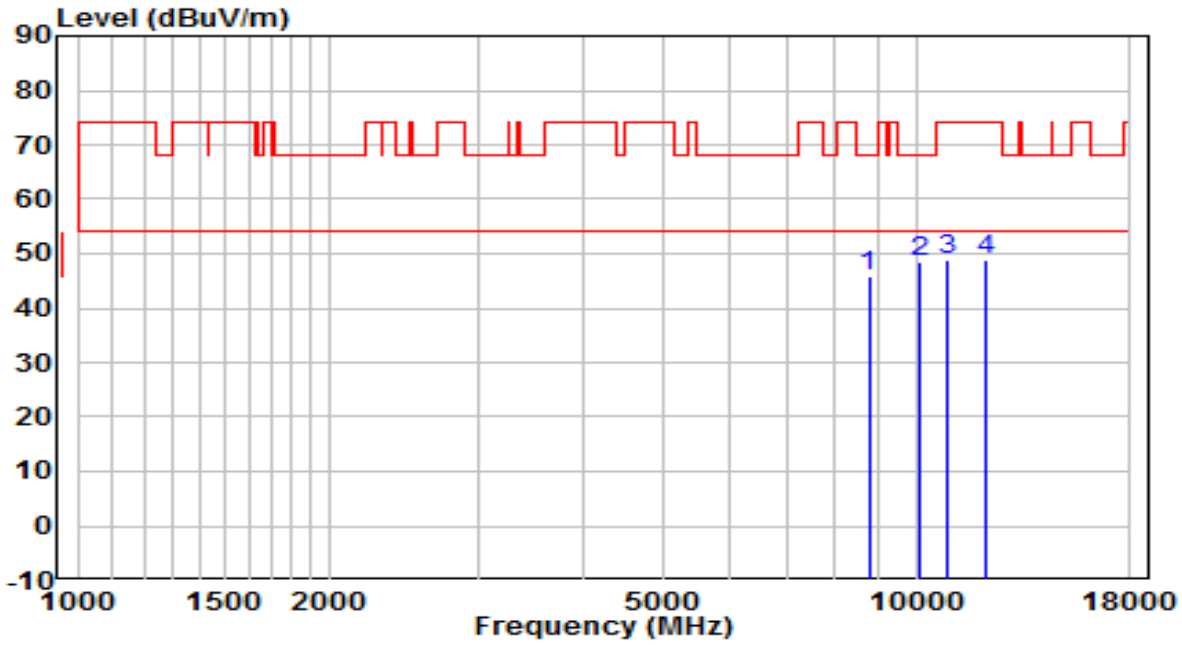


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8684.000	31.97	14.11	46.07	-22.13	68.20	Peak
2	*	10146.000	30.77	17.15	47.91	-20.29	68.20	Peak
3		11310.500	29.12	19.76	48.88	-25.12	74.00	Peak
4		12041.500	29.69	18.88	48.57	-25.43	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5720MHz	Test Voltage	AC 120V/60Hz

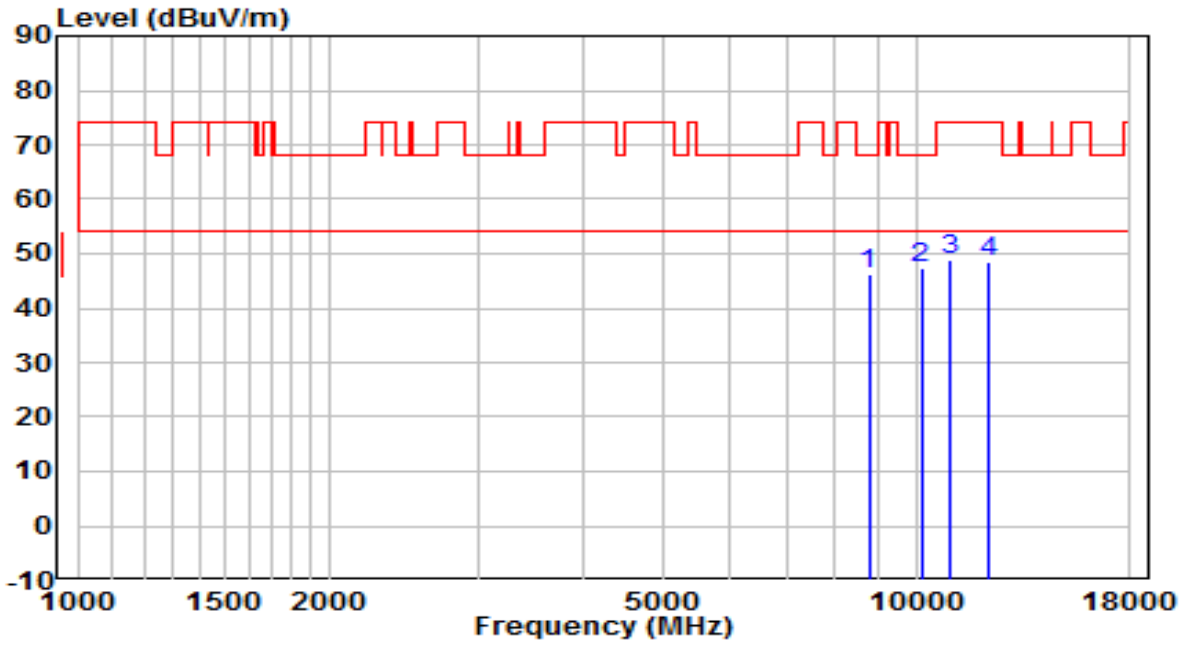


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	31.51	14.33	45.84	-22.36	68.20	Peak
2	*	10078.000	31.57	16.87	48.45	-19.75	68.20	Peak
3		10860.000	29.93	19.08	49.01	-24.99	74.00	Peak
4		12075.500	30.04	18.84	48.89	-25.11	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz

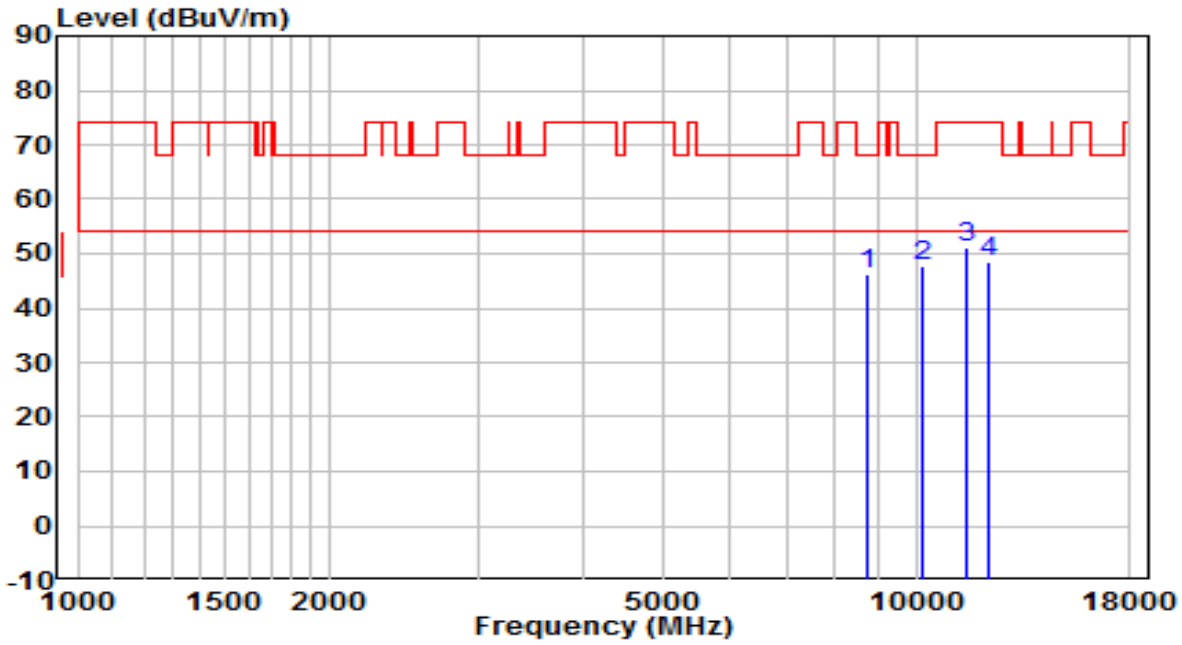


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	31.82	14.33	46.16	-22.04	68.20	Peak
2	*	10137.500	30.41	17.11	47.52	-20.68	68.20	Peak
3		10979.000	29.44	19.25	48.69	-25.31	74.00	Peak
4		12194.500	29.82	18.72	48.54	-25.46	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz

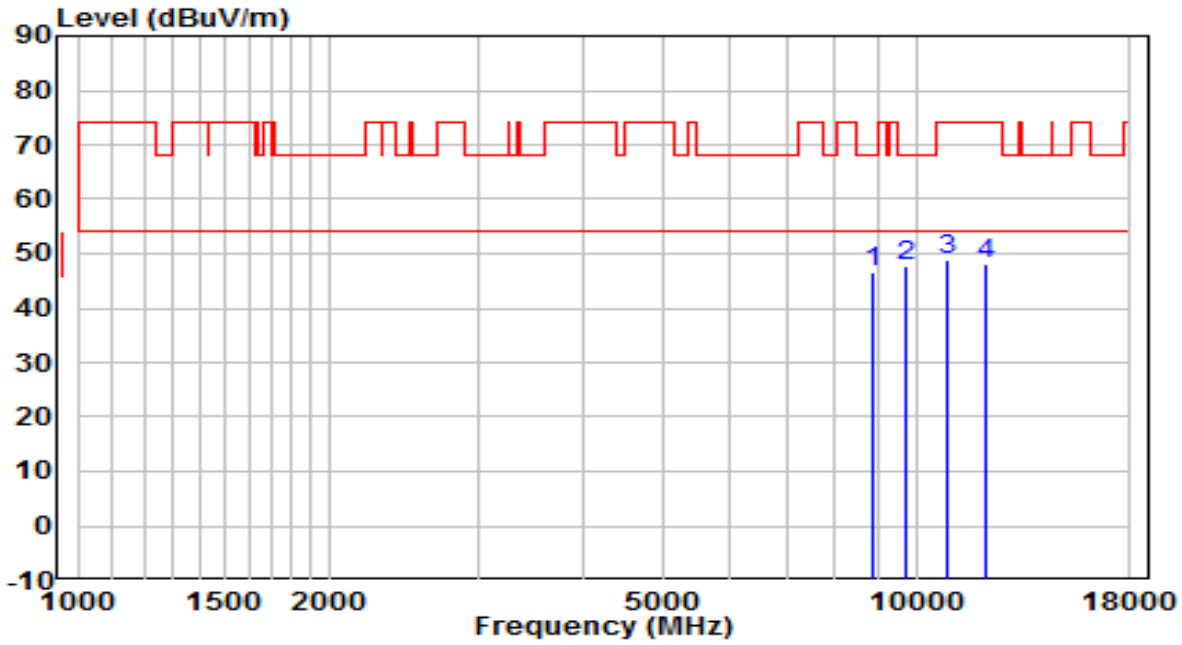


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8760.500	31.98	14.29	46.27	-21.93	68.20	Peak
2	*	10163.000	30.41	17.22	47.63	-20.57	68.20	Peak
3		11489.000	31.17	20.03	51.20	-22.80	74.00	Peak
4		12203.000	29.60	18.71	48.32	-25.68	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5785MHz	Test Voltage	AC 120V/60Hz

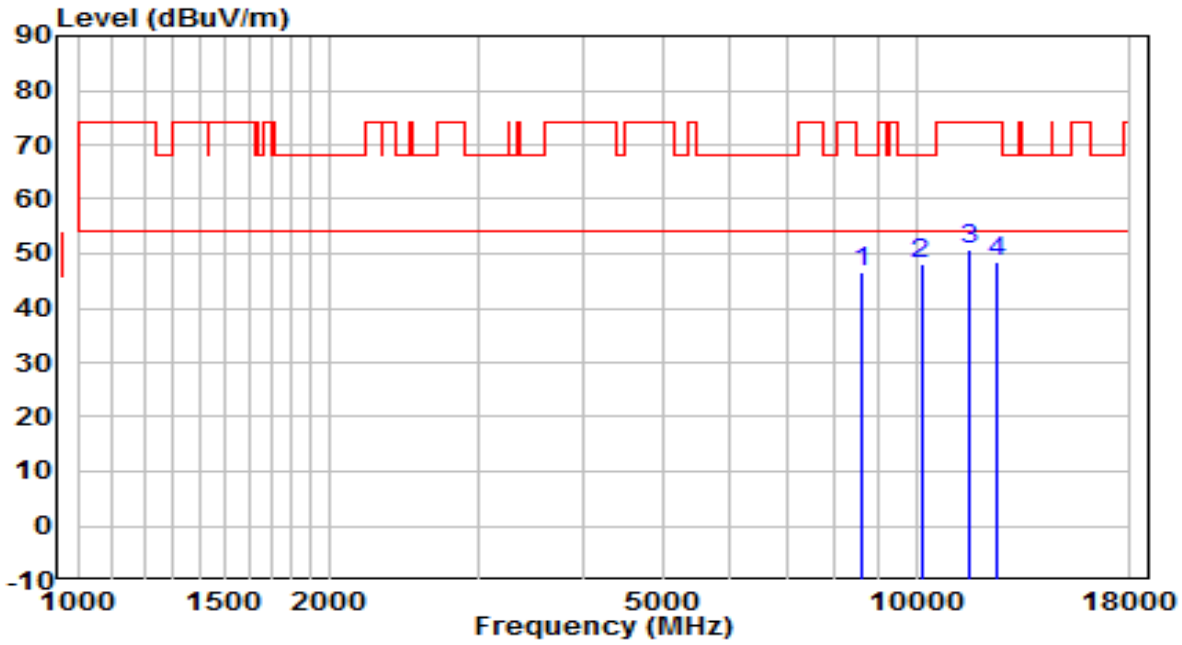


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8871.000	31.91	14.56	46.47	-21.73	68.20	Peak
2	*	9738.000	31.56	16.12	47.68	-20.52	68.20	Peak
3		10868.500	29.93	19.09	49.03	-24.97	74.00	Peak
4		12135.000	29.47	18.78	48.25	-25.75	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5785MHz	Test Voltage	AC 120V/60Hz

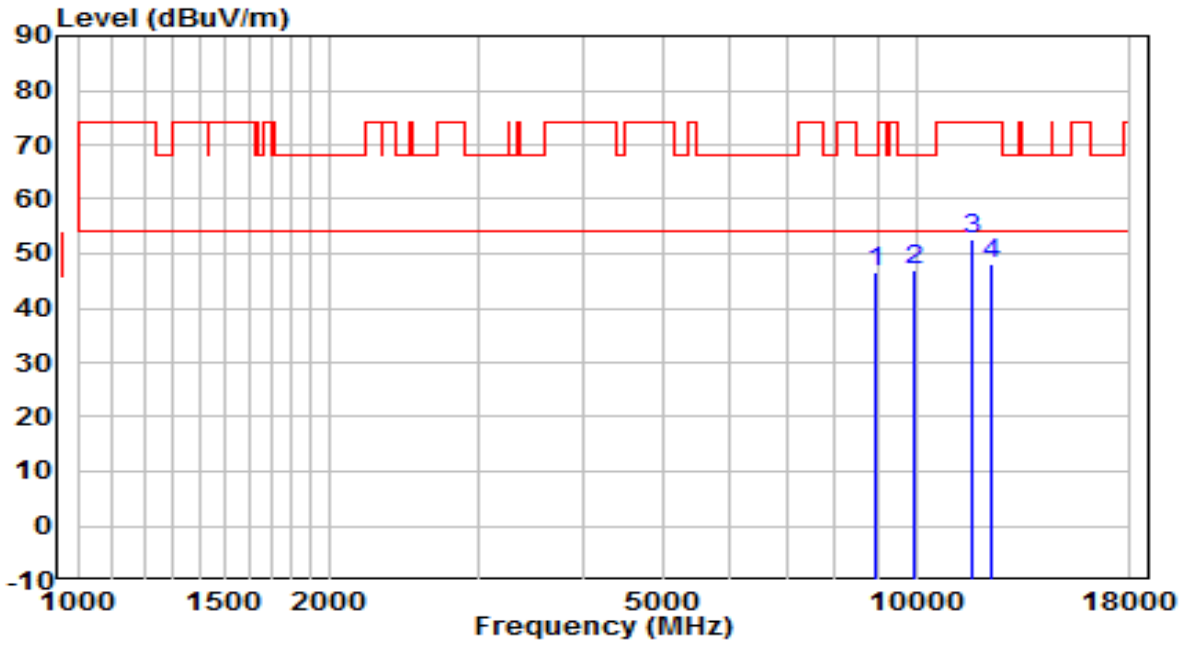


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8633.000	32.44	13.98	46.42	-21.78	68.20	Peak
2	*	10137.500	31.07	17.11	48.18	-20.02	68.20	Peak
3		11574.000	31.00	19.88	50.88	-23.12	74.00	Peak
4		12441.000	30.17	18.47	48.64	-25.36	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	AC 120V/60Hz

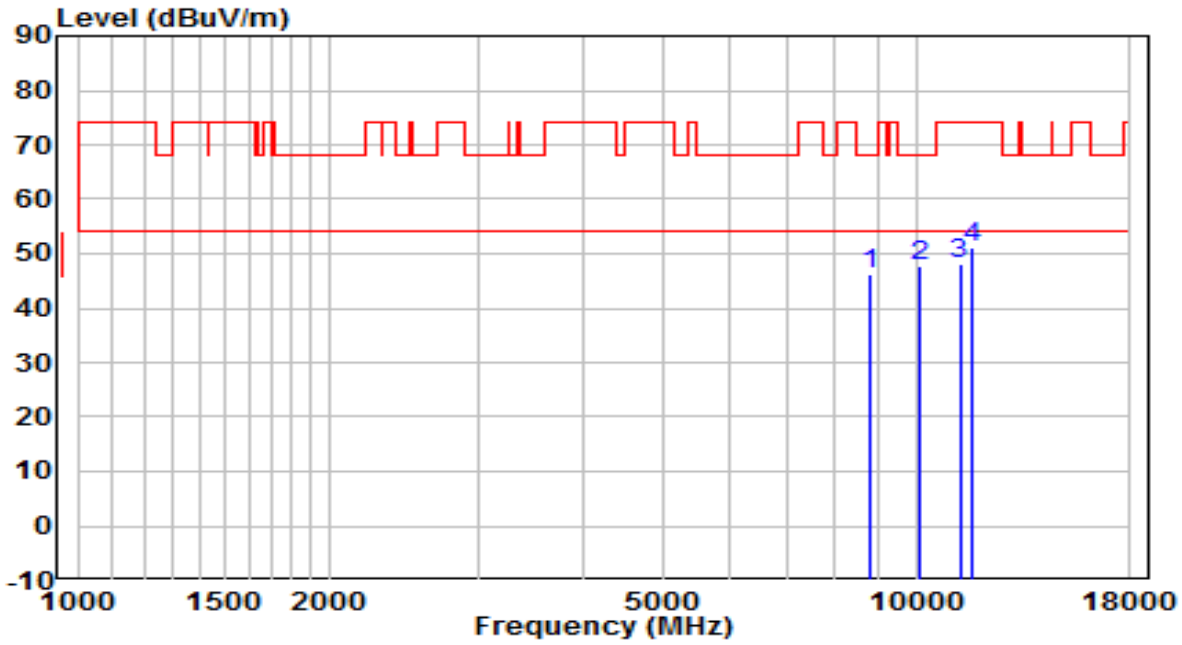


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8930.500	31.86	14.71	46.57	-21.63	68.20	Peak
2	*	9925.000	30.59	16.43	47.02	-21.18	68.20	Peak
3		11650.500	32.93	19.71	52.64	-21.36	74.00	Peak
4		12322.000	29.61	18.59	48.20	-25.80	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	AC 120V/60Hz

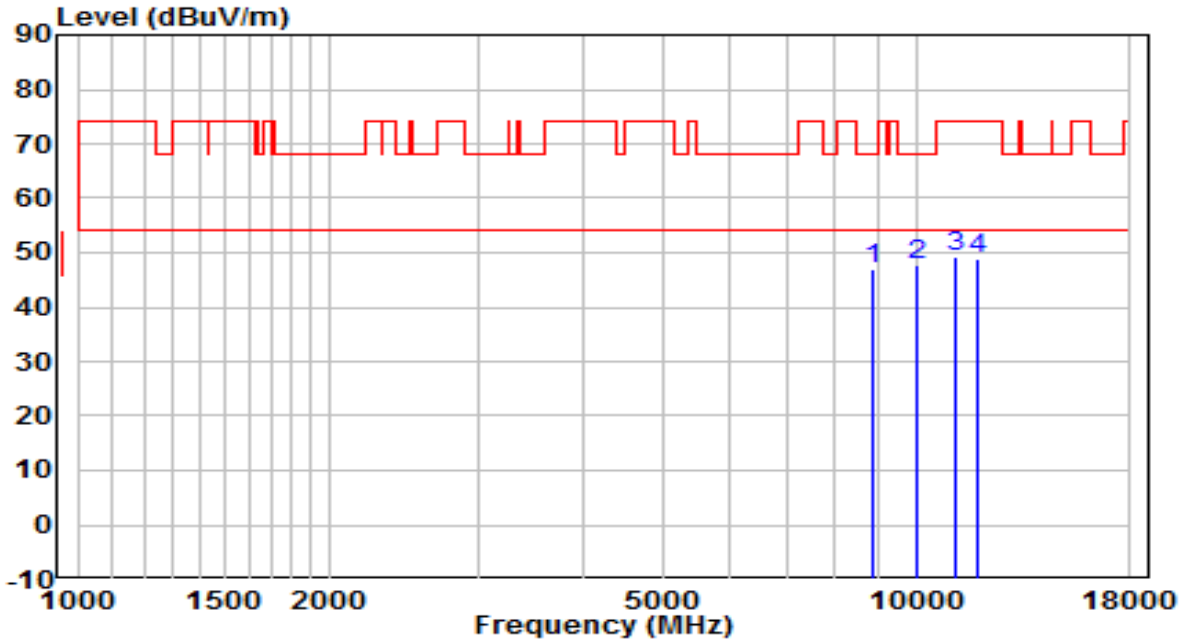


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8820.000	31.92	14.44	46.36	-21.84	68.20	Peak
2	*	10129.000	30.84	17.08	47.92	-20.28	68.20	Peak
3		11268.000	28.52	19.69	48.22	-25.78	74.00	Peak
4		11650.500	31.32	19.71	51.03	-22.97	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

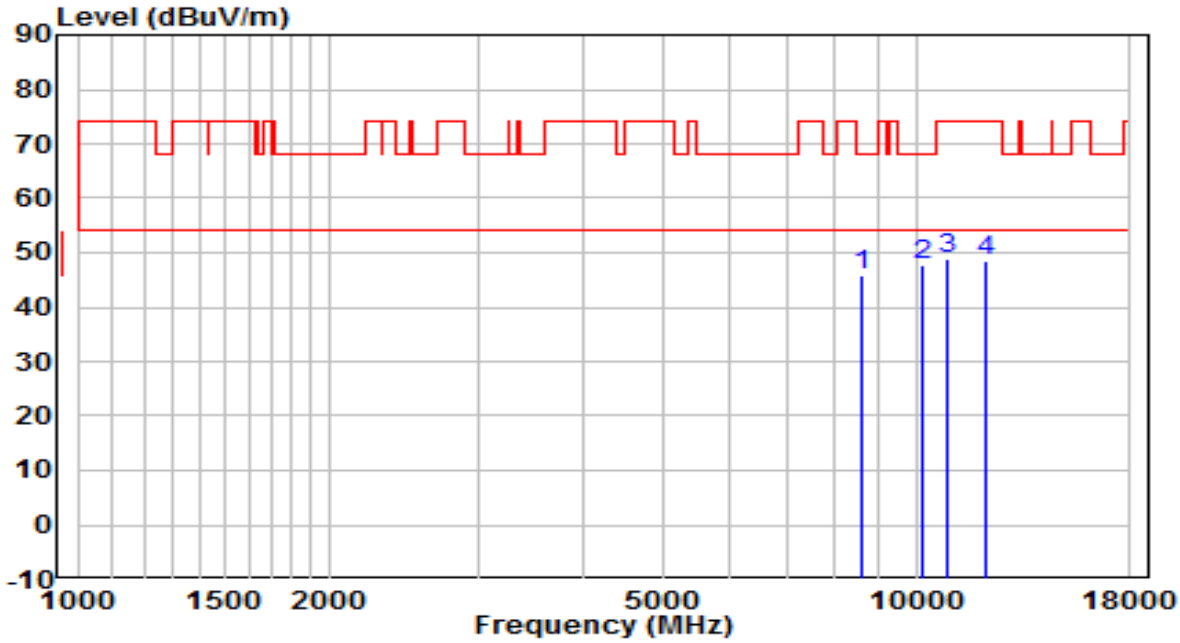


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.40	14.54	46.95	-21.25	68.20	Peak
2	*	10052.500	30.94	16.77	47.71	-20.49	68.20	Peak
3		11106.500	29.73	19.44	49.17	-24.83	74.00	Peak
4		11863.000	29.82	19.23	49.05	-24.95	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

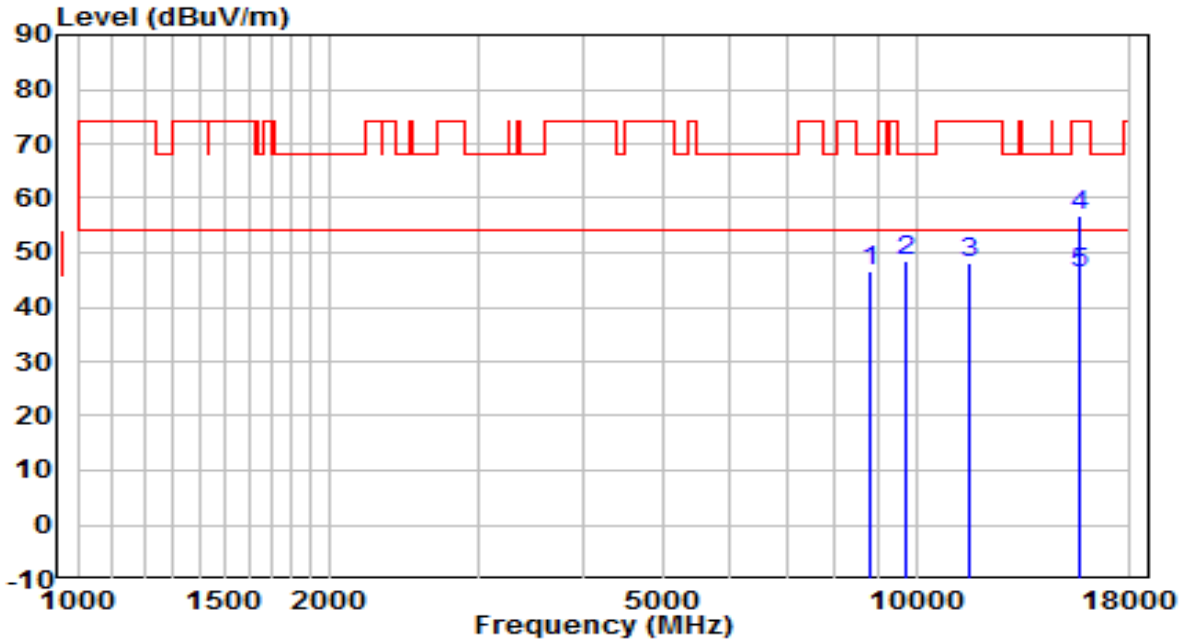


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8633.000	31.93	13.98	45.91	-22.29	68.20	Peak
2	*	10171.500	30.63	17.25	47.88	-20.32	68.20	Peak
3		10860.000	29.95	19.08	49.03	-24.97	74.00	Peak
4		12101.000	29.51	18.82	48.33	-25.67	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5220MHz	Test Voltage	AC 120V/60Hz

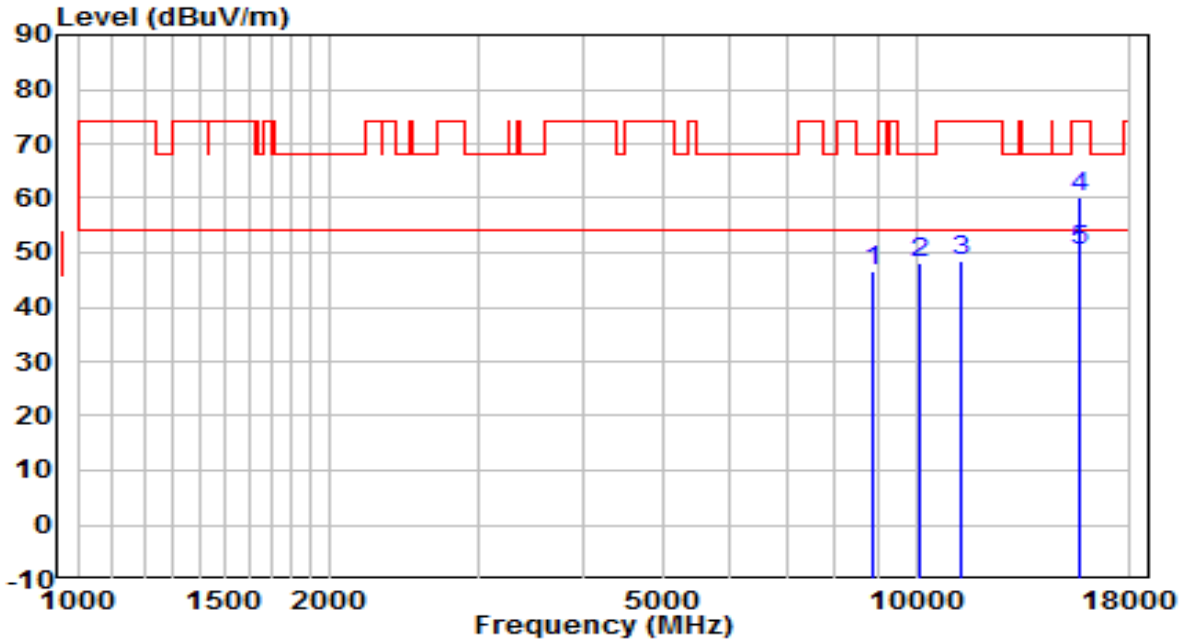


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8794.500	32.07	14.38	46.44	-21.76	68.20	Peak
2		9746.500	32.22	16.13	48.36	-19.84	68.20	Peak
3		11531.500	28.20	19.98	48.18	-25.82	74.00	Peak
4		15654.000	35.86	20.97	56.83	-17.17	74.00	Peak
5	*	15654.000	25.31	20.97	46.28	-7.72	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5220MHz	Test Voltage	AC 120V/60Hz

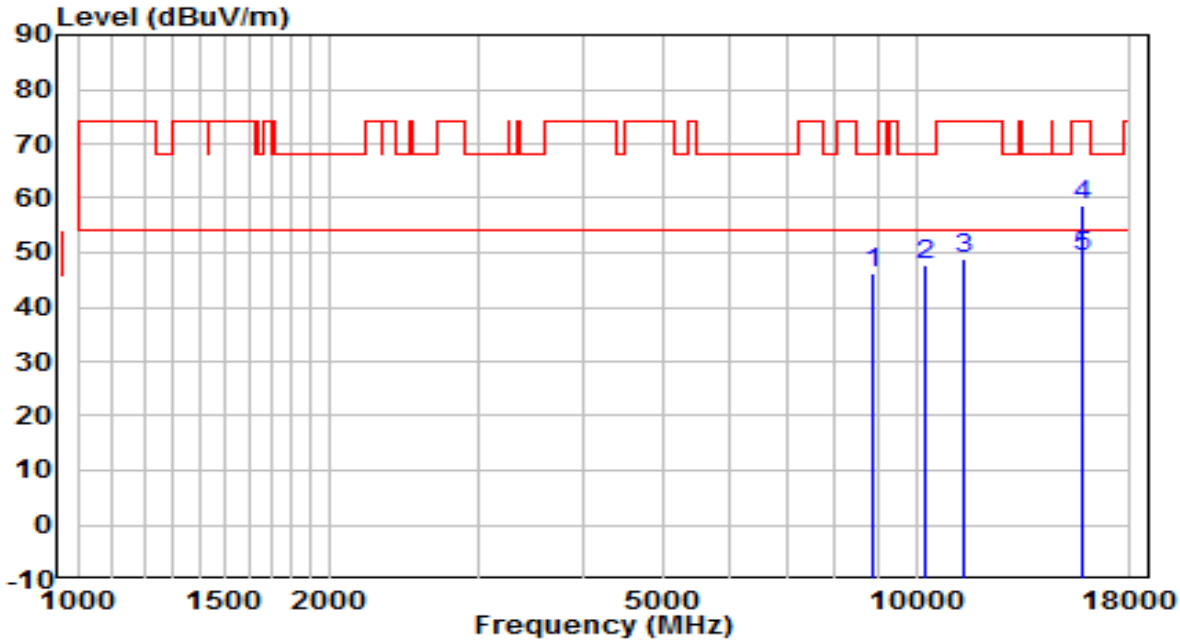


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8871.000	32.19	14.56	46.76	-21.44	68.20	Peak
2		10069.500	31.19	16.84	48.03	-20.17	68.20	Peak
3		11353.000	28.73	19.82	48.55	-25.45	74.00	Peak
4		15662.500	39.27	20.95	60.21	-13.79	74.00	Peak
5	*	15662.500	29.27	20.95	50.22	-3.78	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	AC 120V/60Hz

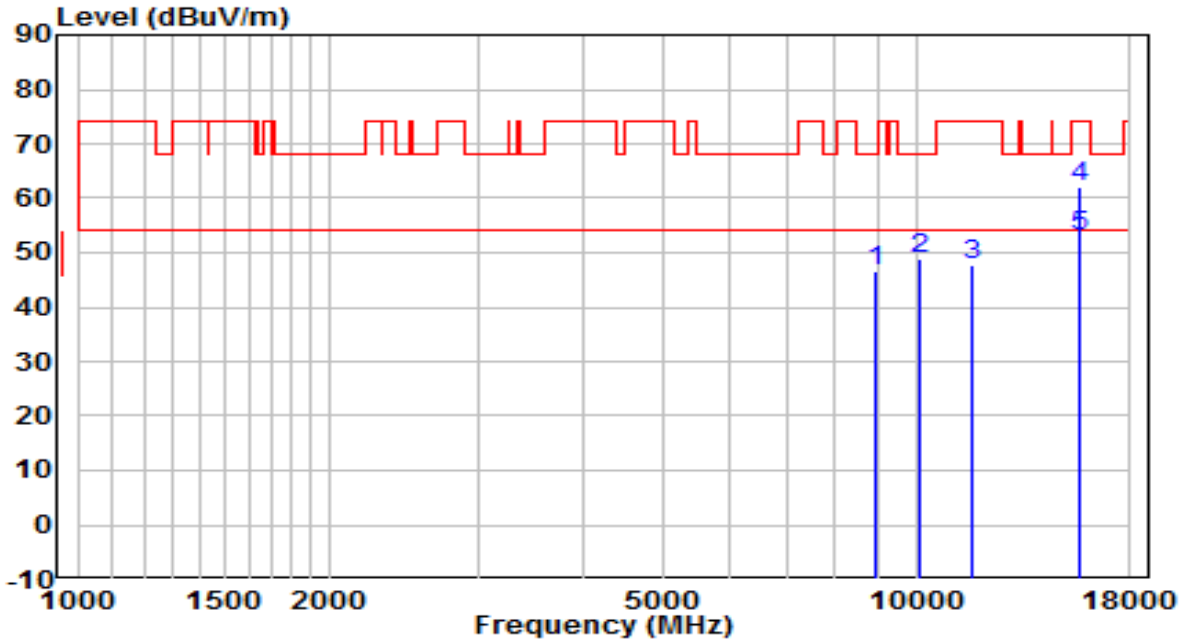


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8871.000	31.74	14.56	46.30	-21.90	68.20	Peak
2		10248.000	30.00	17.56	47.55	-20.65	68.20	Peak
3		11429.500	28.83	19.94	48.77	-25.23	74.00	Peak
4		15730.500	37.87	20.78	58.65	-15.35	74.00	Peak
5	*	15730.500	28.64	20.78	49.41	-4.59	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	AC 120V/60Hz

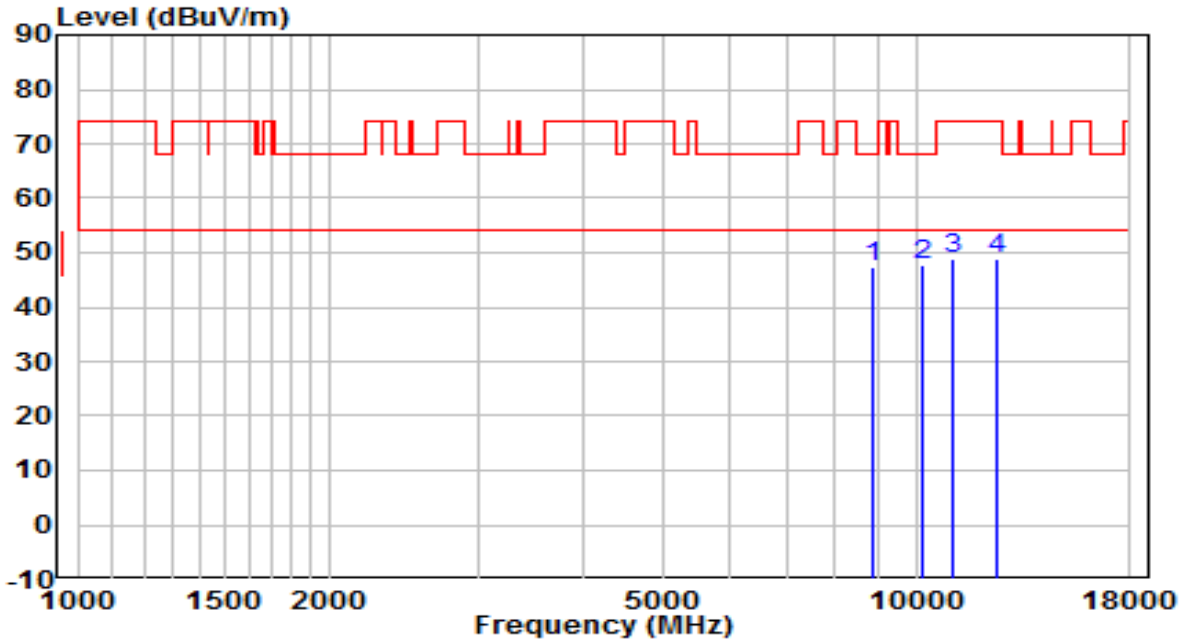


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8913.500	31.76	14.67	46.43	-21.77	68.20	Peak
2		10095.000	32.03	16.94	48.97	-19.23	68.20	Peak
3		11667.500	28.07	19.67	47.74	-26.26	74.00	Peak
4		15722.000	41.22	20.80	62.02	-11.98	74.00	Peak
5	*	15722.000	32.40	20.80	53.20	-0.80	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5260MHz	Test Voltage	AC 120V/60Hz

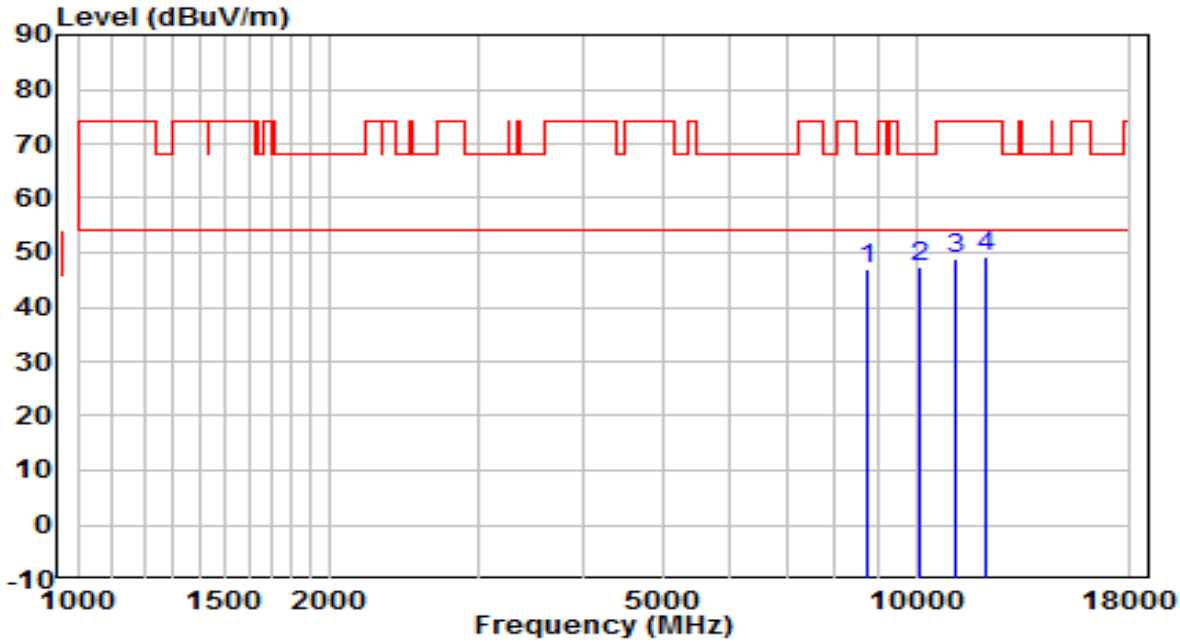


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8905.000	32.83	14.65	47.47	-20.73	68.20	Peak
2	*	10197.000	30.56	17.35	47.91	-20.29	68.20	Peak
3		11030.000	29.55	19.33	48.88	-25.12	74.00	Peak
4		12466.500	30.24	18.44	48.68	-25.32	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5260MHz	Test Voltage	AC 120V/60Hz

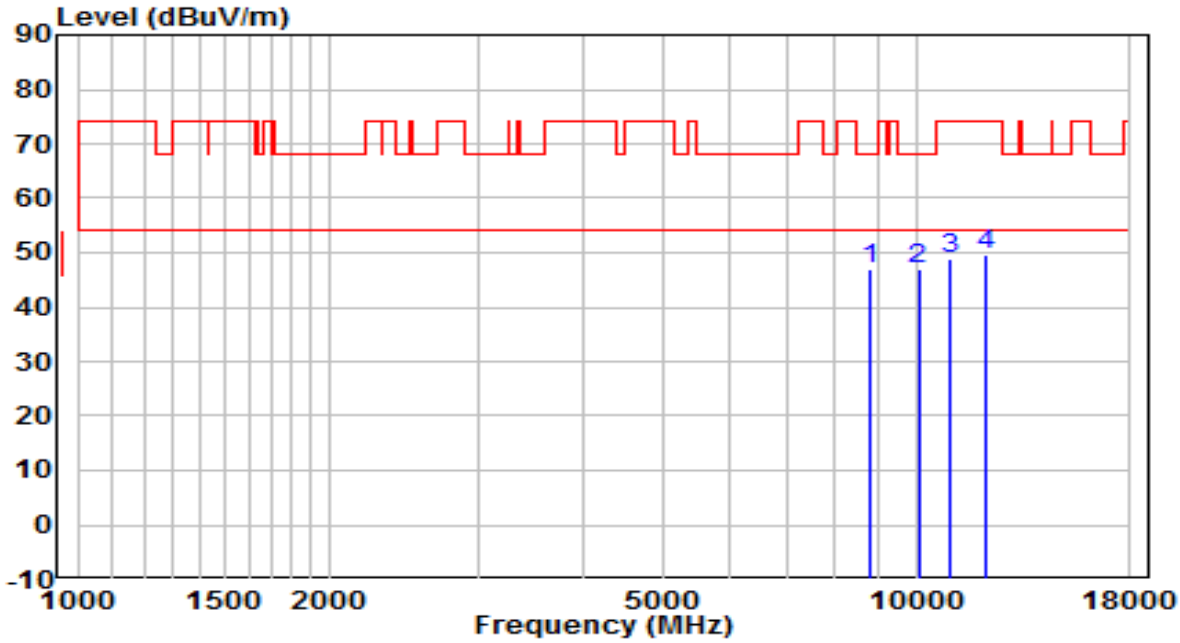


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8726.500	32.91	14.21	47.12	-21.08	68.20	Peak
2	*	10069.500	30.44	16.84	47.28	-20.92	68.20	Peak
3		11132.000	29.34	19.48	48.82	-25.18	74.00	Peak
4		12152.000	30.30	18.76	49.06	-24.94	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5300MHz	Test Voltage	AC 120V/60Hz

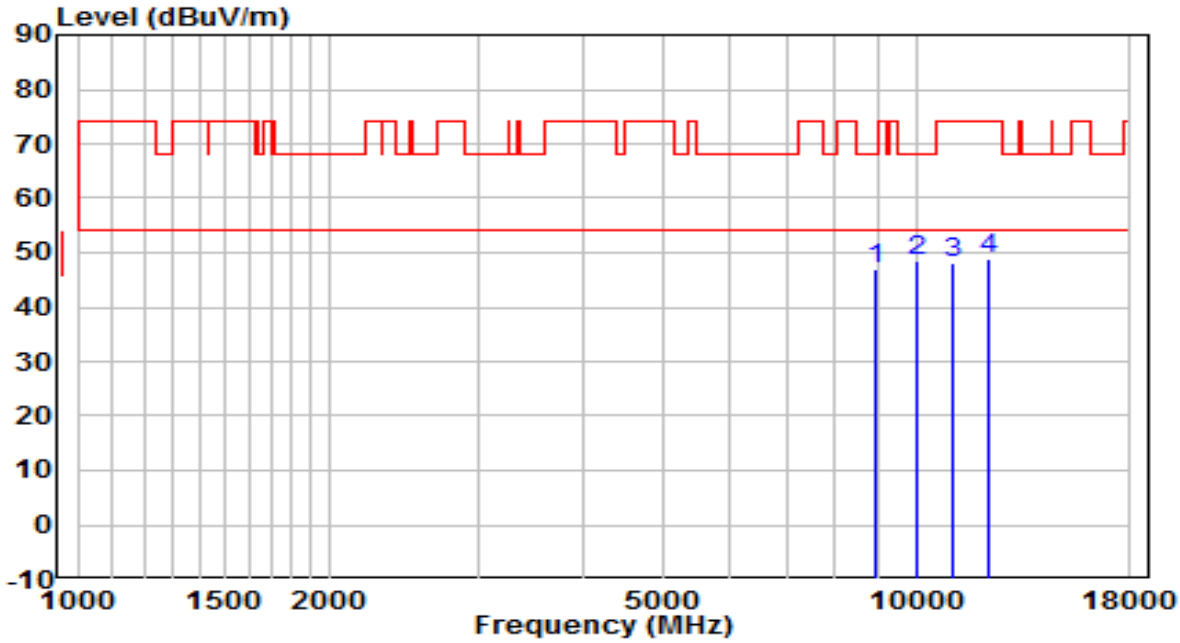


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8803.000	32.58	14.40	46.98	-21.22	68.20	Peak
2		10061.000	30.17	16.81	46.97	-21.23	68.20	Peak
3		10996.000	29.49	19.27	48.76	-25.24	74.00	Peak
4		12135.000	30.89	18.78	49.67	-24.33	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5300MHz	Test Voltage	AC 120V/60Hz

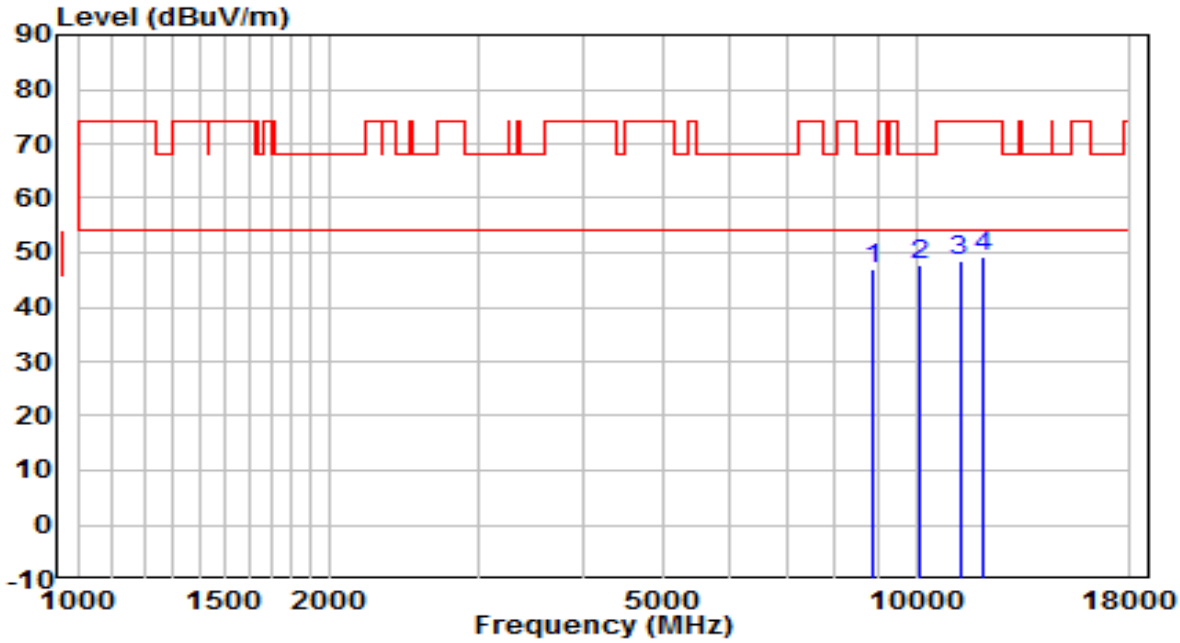


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8913.500	32.25	14.67	46.92	-21.28	68.20	Peak
2	*	10010.000	31.93	16.60	48.53	-19.67	68.20	Peak
3		11038.500	28.93	19.34	48.27	-25.73	74.00	Peak
4		12211.500	29.99	18.70	48.69	-25.31	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

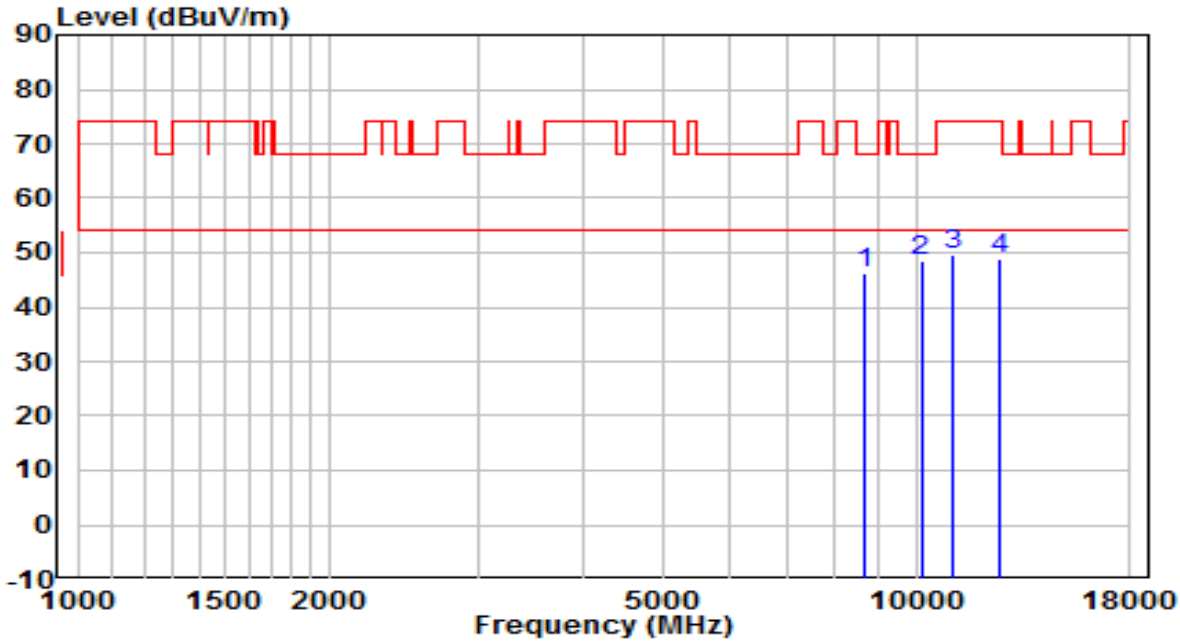


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8905.000	32.16	14.65	46.81	-21.39	68.20	Peak
2	*	10086.500	30.72	16.91	47.63	-20.57	68.20	Peak
3		11268.000	28.64	19.69	48.33	-25.67	74.00	Peak
4		12041.500	30.26	18.88	49.14	-24.86	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

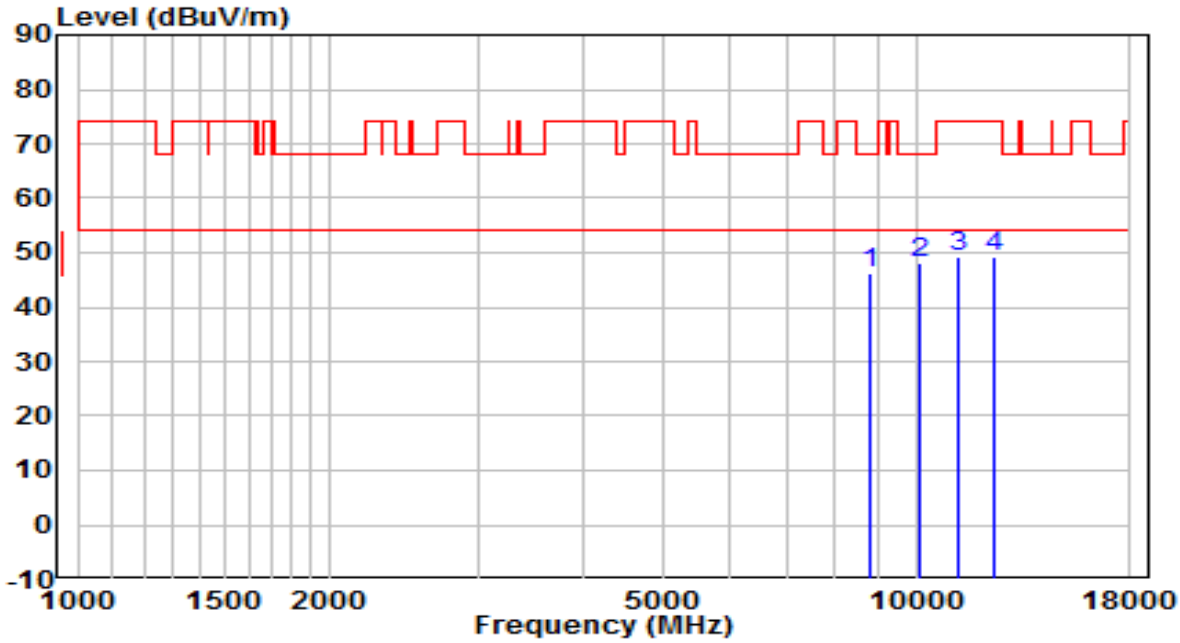


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8701.000	31.96	14.15	46.11	-22.09	68.20	Peak
2	*	10137.500	31.22	17.11	48.33	-19.87	68.20	Peak
3		11038.500	30.29	19.34	49.63	-24.37	74.00	Peak
4		12543.000	30.19	18.53	48.73	-25.27	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

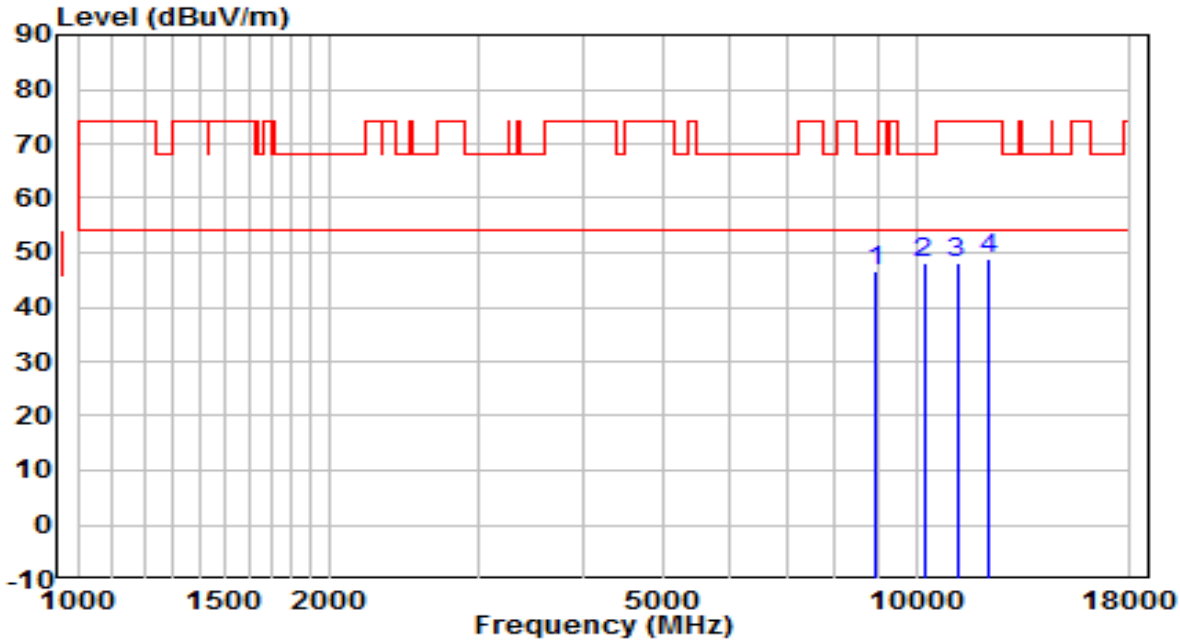


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8794.500	31.73	14.38	46.10	-22.10	68.20	Peak
2	*	10103.500	31.23	16.98	48.20	-20.00	68.20	Peak
3		11191.500	29.55	19.57	49.12	-24.88	74.00	Peak
4		12424.000	30.66	18.48	49.15	-24.85	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

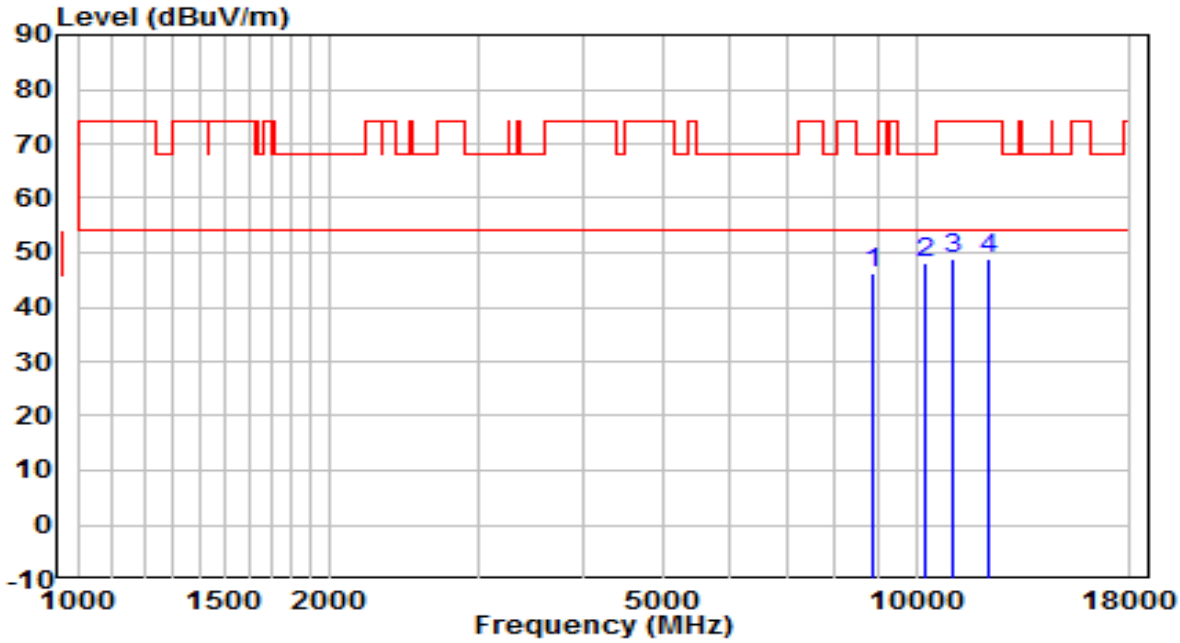


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8939.000	31.87	14.73	46.60	-21.60	68.20	Peak
2	*	10214.000	30.61	17.42	48.03	-20.17	68.20	Peak
3		11183.000	28.68	19.56	48.25	-25.75	74.00	Peak
4		12228.500	30.09	18.68	48.77	-25.23	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5580MHz	Test Voltage	AC 120V/60Hz

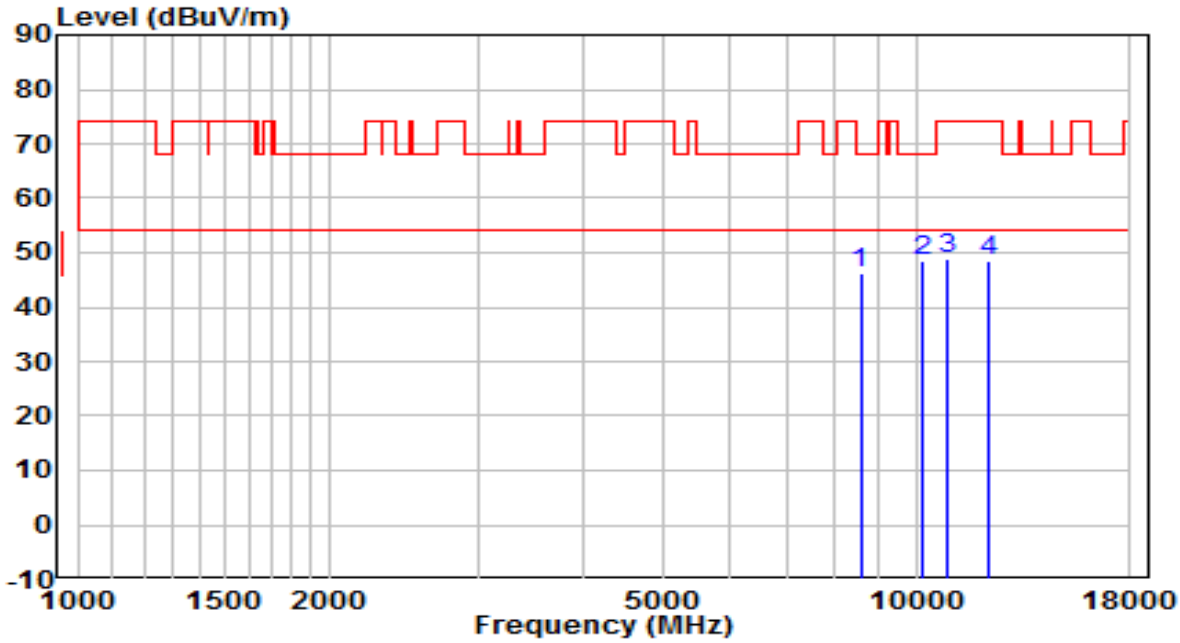


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8905.000	31.61	14.65	46.26	-21.94	68.20	Peak
2	*	10248.000	30.46	17.56	48.02	-20.18	68.20	Peak
3		11072.500	29.53	19.39	48.92	-25.08	74.00	Peak
4		12194.500	30.03	18.72	48.75	-25.25	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5580MHz	Test Voltage	AC 120V/60Hz

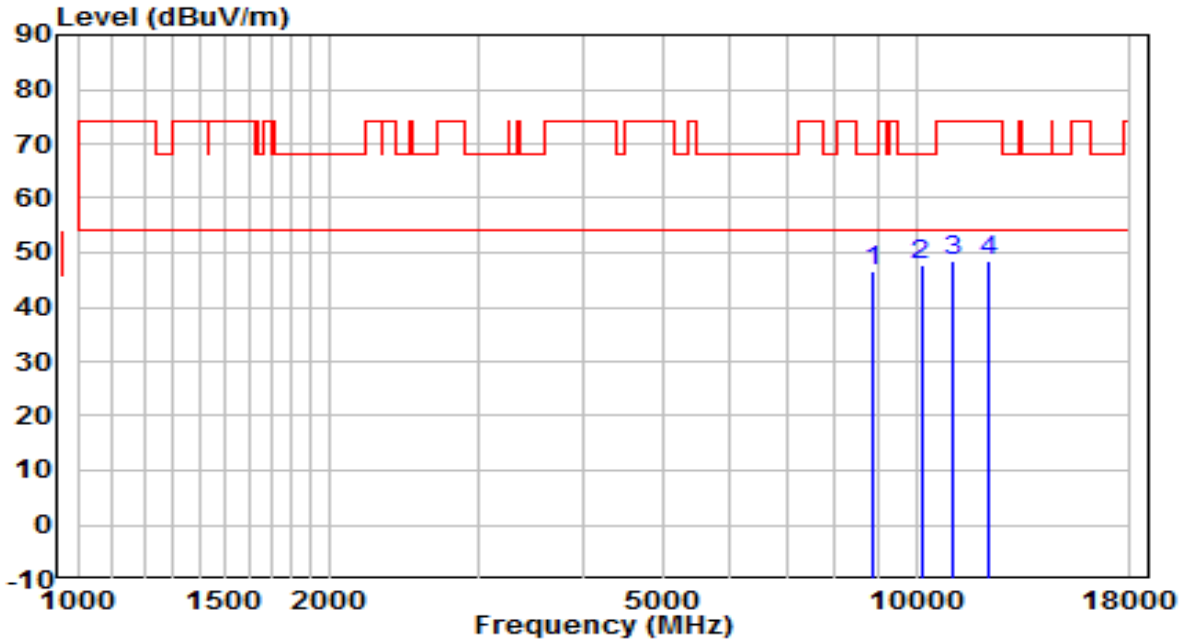


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8582.000	32.44	13.86	46.29	-21.91	68.20	Peak
2	*	10180.000	31.20	17.28	48.48	-19.72	68.20	Peak
3		10919.500	29.57	19.17	48.74	-25.26	74.00	Peak
4		12194.500	29.93	18.72	48.65	-25.35	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz

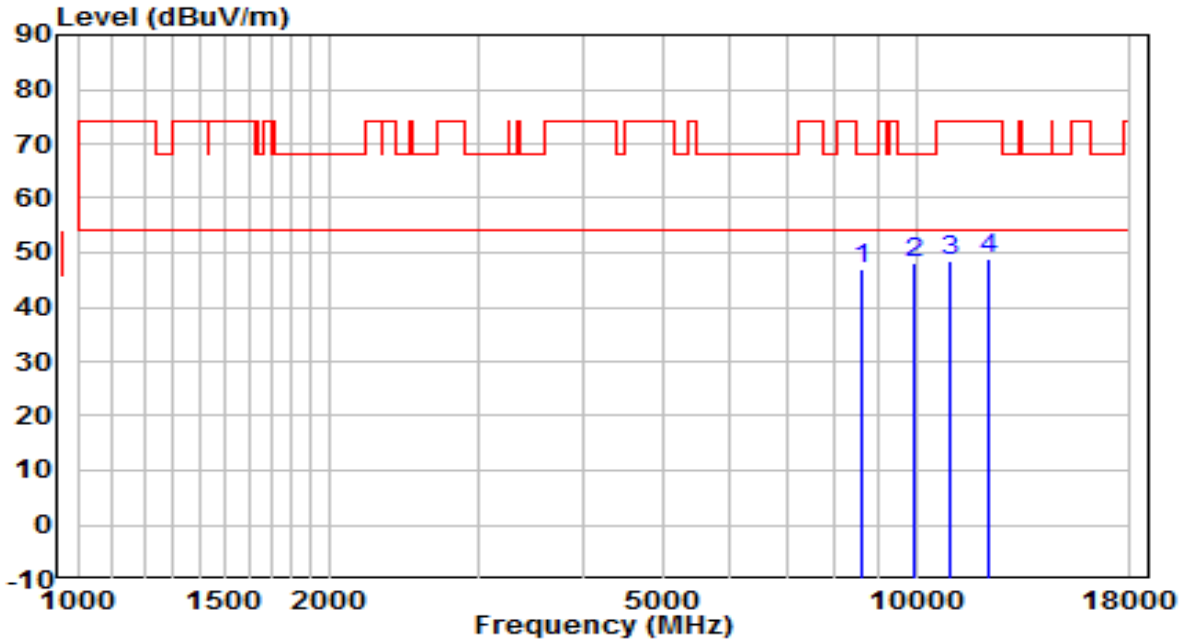


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8905.000	31.82	14.65	46.47	-21.73	68.20	Peak
2	*	10137.500	30.57	17.11	47.68	-20.52	68.20	Peak
3		11089.500	29.08	19.42	48.50	-25.50	74.00	Peak
4		12237.000	29.94	18.68	48.62	-25.38	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz

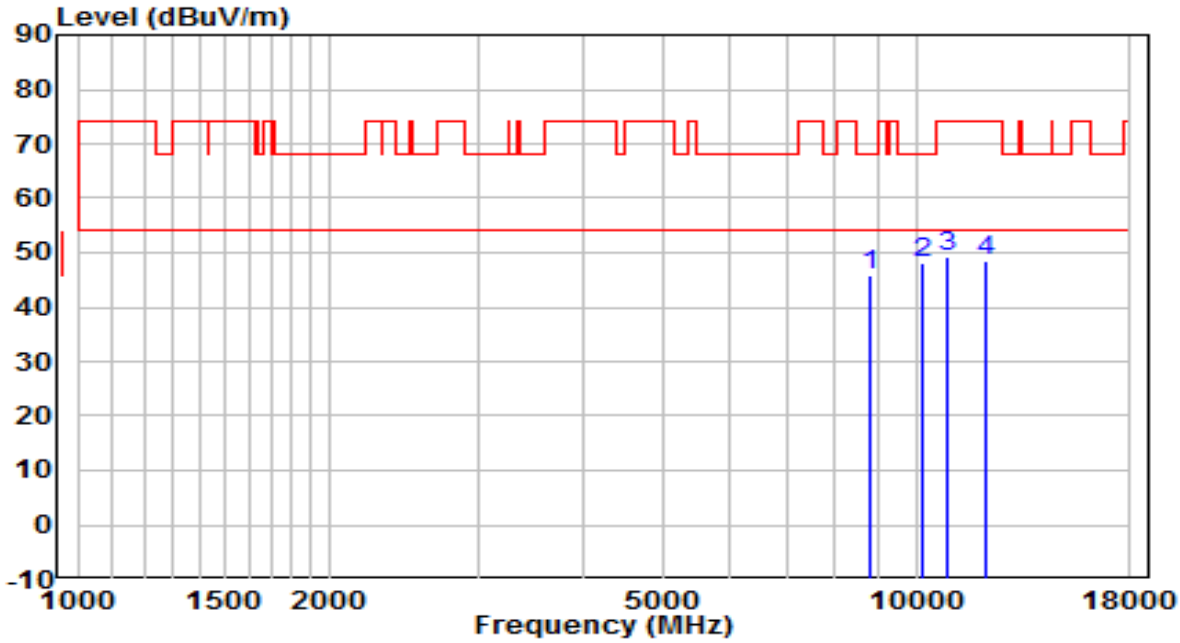


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8641.500	32.81	14.00	46.81	-21.39	68.20	Peak
2	*	9925.000	31.51	16.43	47.94	-20.26	68.20	Peak
3		11004.500	29.32	19.29	48.61	-25.39	74.00	Peak
4		12203.000	30.31	18.71	49.02	-24.98	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5720MHz	Test Voltage	AC 120V/60Hz

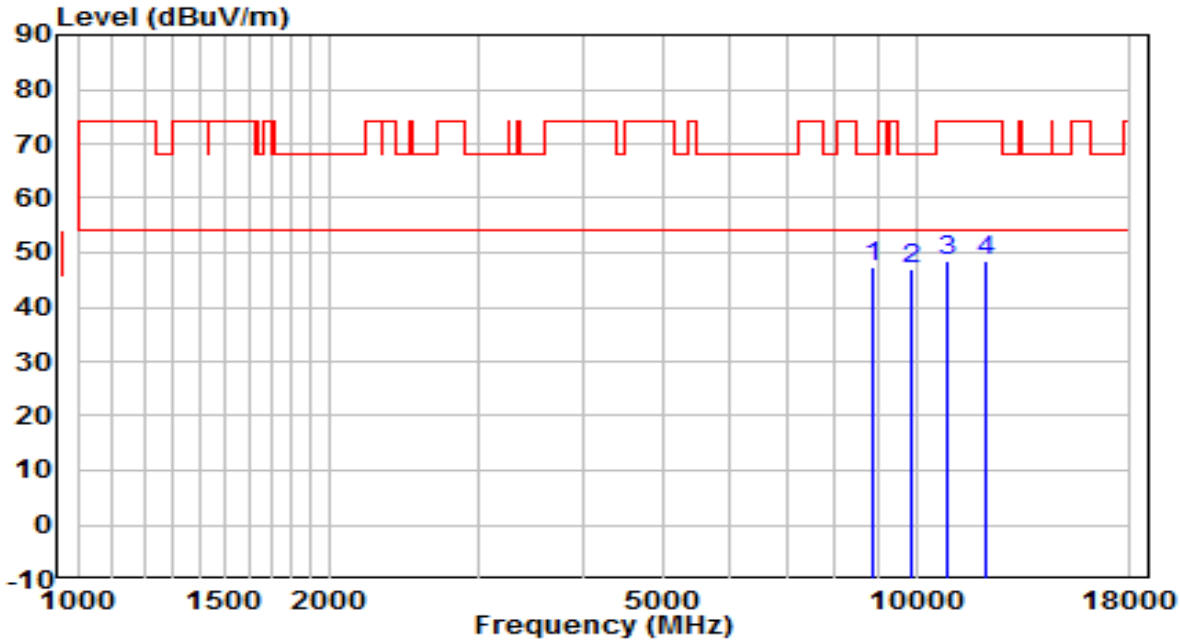


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8803.000	31.51	14.40	45.91	-22.29	68.20	Peak
2	*	10163.000	30.96	17.22	48.18	-20.02	68.20	Peak
3		10868.500	30.01	19.09	49.10	-24.90	74.00	Peak
4		12152.000	29.56	18.76	48.32	-25.68	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5720MHz	Test Voltage	AC 120V/60Hz

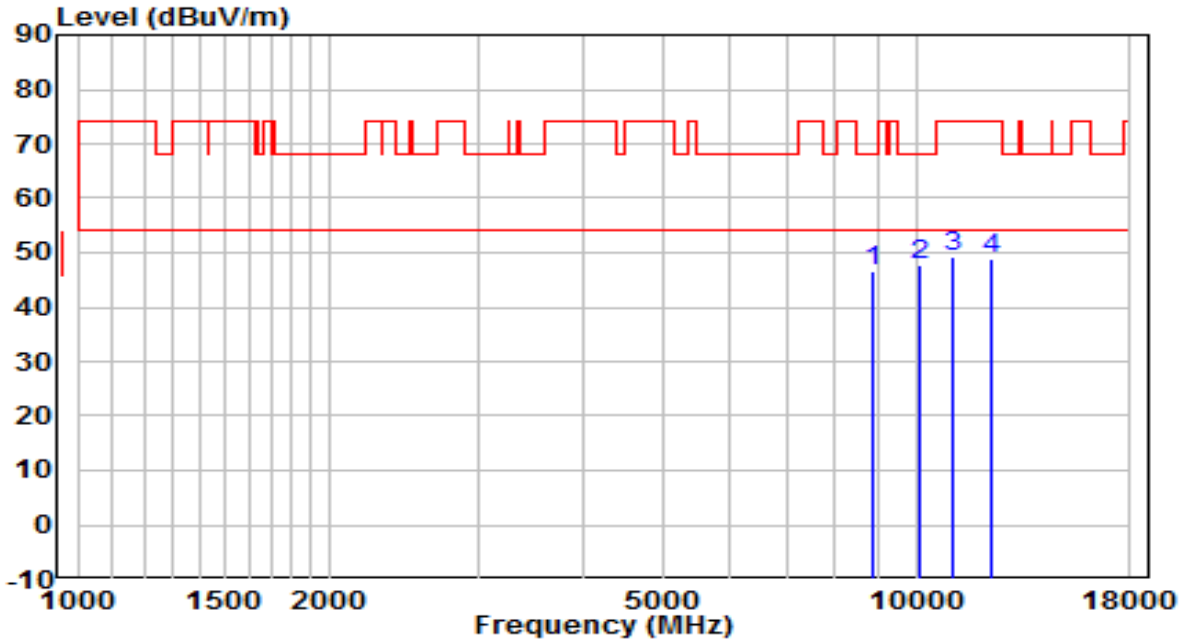


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8888.000	32.63	14.61	47.23	-20.97	68.20	Peak
2		9882.500	30.76	16.36	47.12	-21.08	68.20	Peak
3		10868.500	29.35	19.09	48.44	-25.56	74.00	Peak
4		12135.000	29.83	18.78	48.62	-25.38	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz

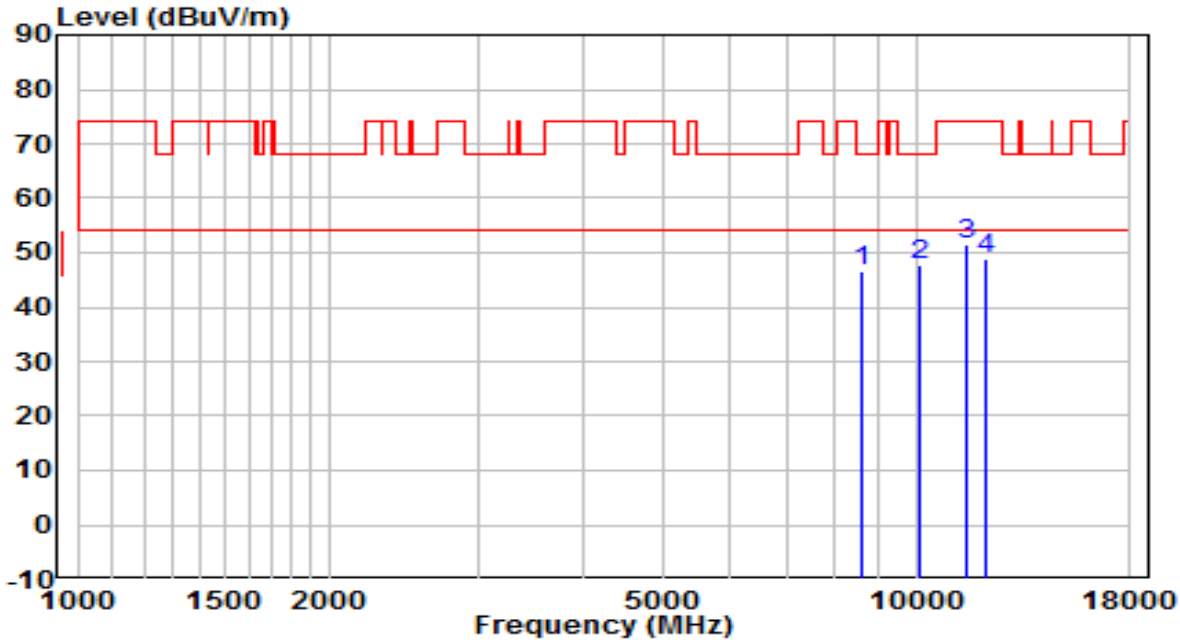


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8854.000	31.96	14.52	46.48	-21.72	68.20	Peak
2	*	10069.500	30.99	16.84	47.82	-20.38	68.20	Peak
3		11064.000	29.83	19.38	49.21	-24.79	74.00	Peak
4		12322.000	30.19	18.59	48.78	-25.22	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz

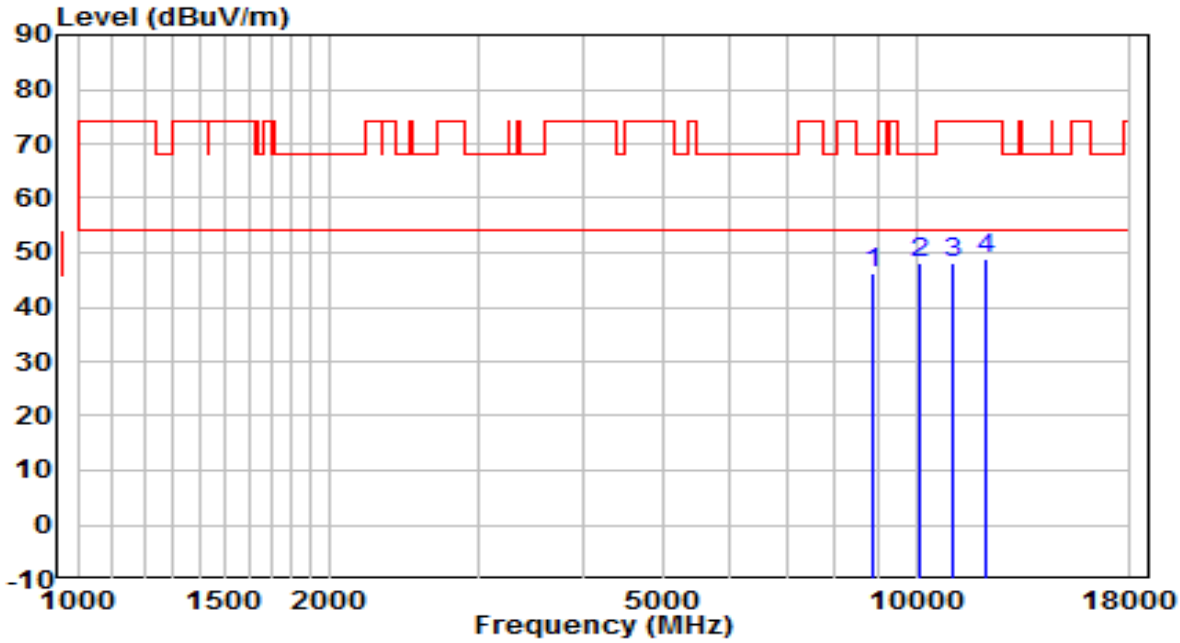


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8616.000	32.78	13.94	46.72	-21.48	68.20	Peak
2	*	10129.000	30.48	17.08	47.56	-20.64	68.20	Peak
3		11489.000	31.62	20.03	51.65	-22.35	74.00	Peak
4		12084.000	29.87	18.83	48.70	-25.30	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5785MHz	Test Voltage	AC 120V/60Hz

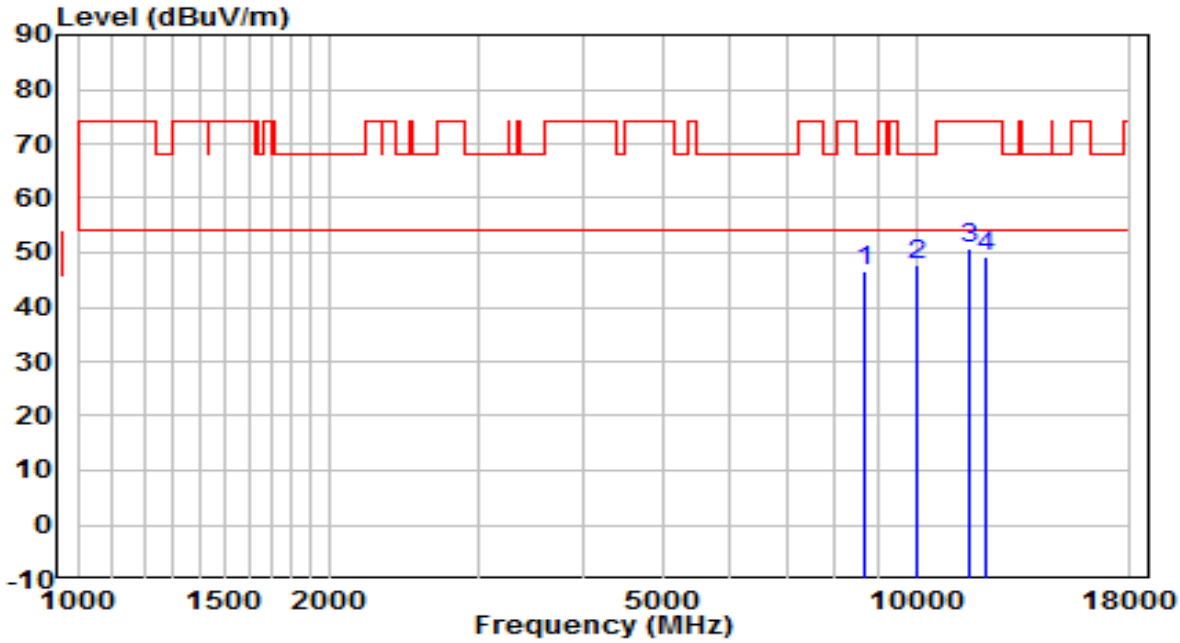


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8879.500	31.81	14.58	46.40	-21.80	68.20	Peak
2	*	10086.500	31.06	16.91	47.97	-20.23	68.20	Peak
3		11055.500	28.94	19.37	48.30	-25.70	74.00	Peak
4		12126.500	29.89	18.79	48.68	-25.32	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5785MHz	Test Voltage	AC 120V/60Hz

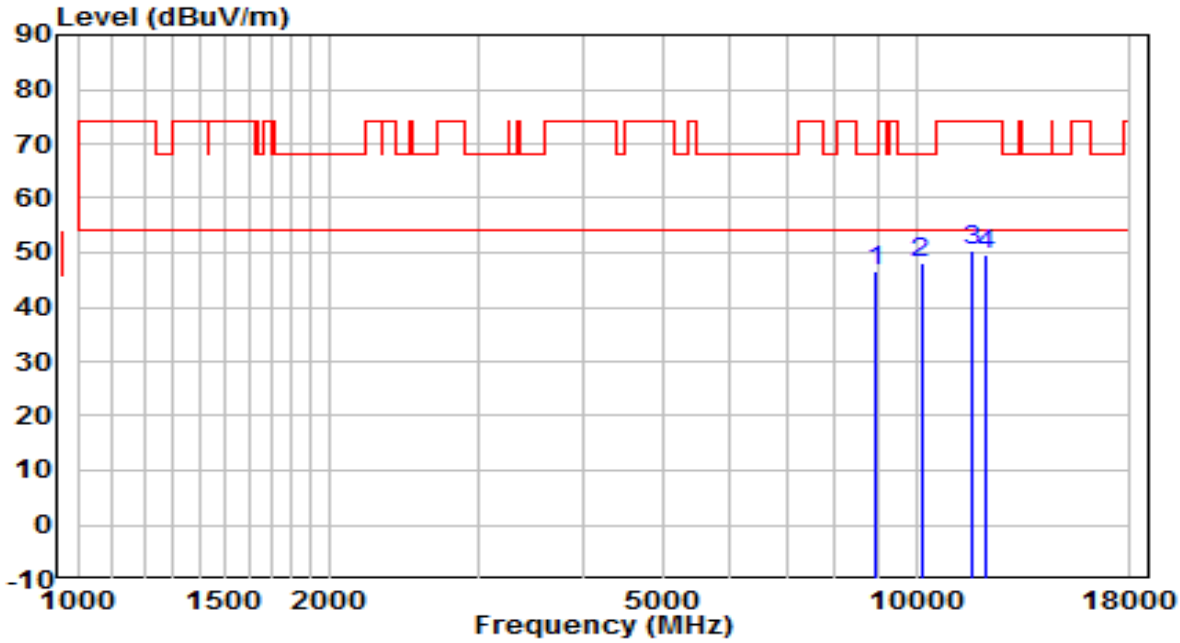


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8675.500	32.44	14.08	46.53	-21.67	68.20	Peak
2	*	10010.000	31.11	16.60	47.71	-20.49	68.20	Peak
3		11574.000	31.01	19.88	50.90	-23.10	74.00	Peak
4		12152.000	30.39	18.76	49.15	-24.85	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz

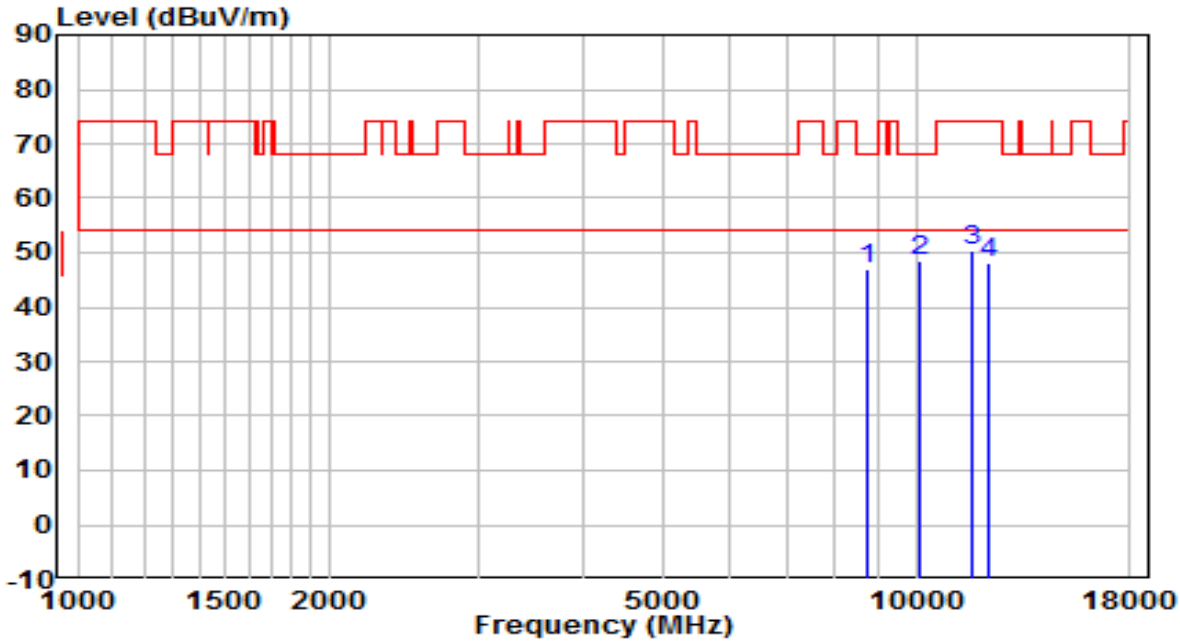


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8922.000	32.10	14.69	46.79	-21.41	68.20	Peak
2	*	10137.500	30.84	17.11	47.95	-20.25	68.20	Peak
3		11650.500	30.56	19.71	50.27	-23.73	74.00	Peak
4		12075.500	30.69	18.84	49.53	-24.47	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz

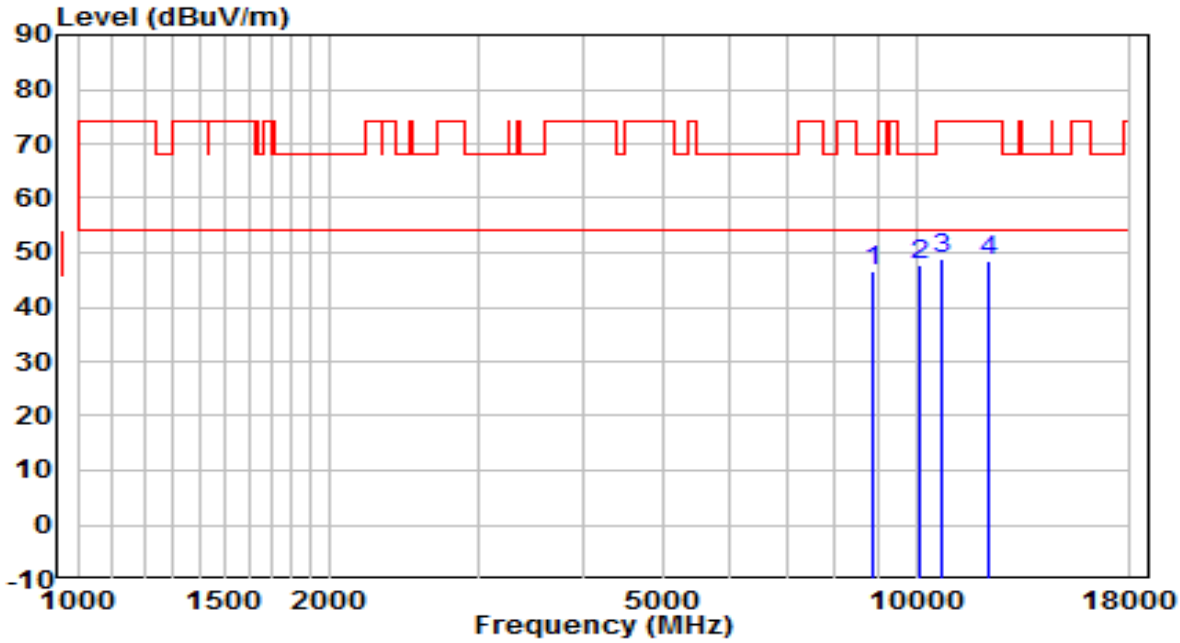


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8735.000	32.78	14.23	47.01	-21.19	68.20	Peak
2	*	10120.500	31.60	17.04	48.64	-19.56	68.20	Peak
3		11659.000	30.71	19.69	50.40	-23.60	74.00	Peak
4		12194.500	29.31	18.72	48.03	-25.97	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

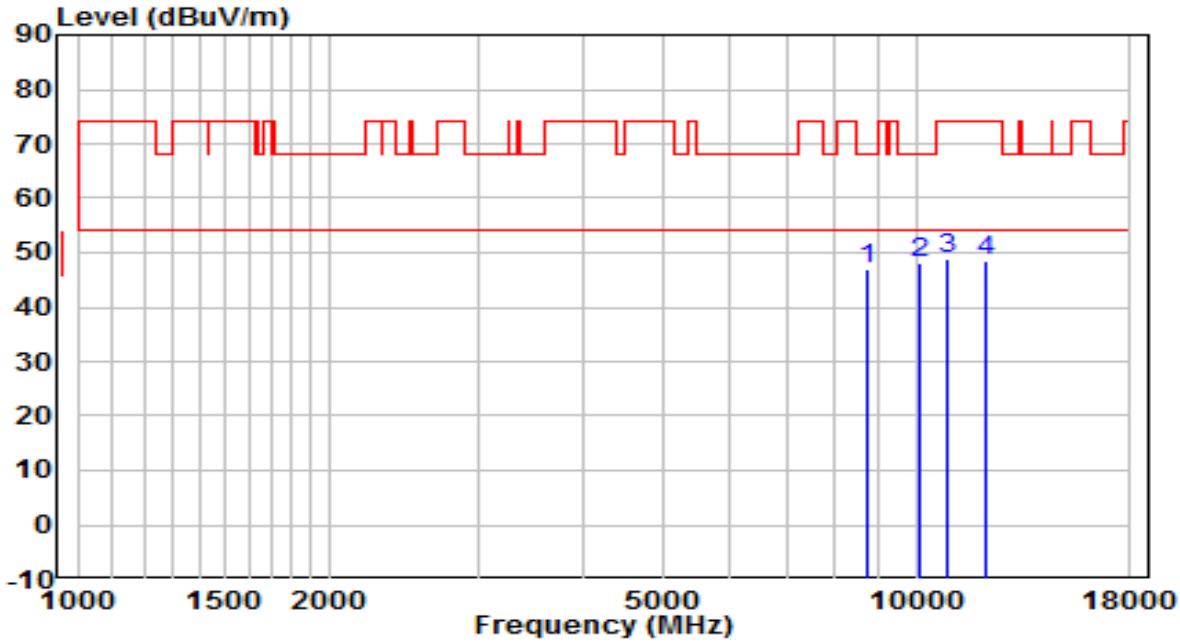


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.04	14.54	46.58	-21.62	68.20	Peak
2	*	10086.500	30.91	16.91	47.82	-20.38	68.20	Peak
3		10741.000	30.06	18.91	48.98	-25.02	74.00	Peak
4		12160.500	29.67	18.75	48.42	-25.58	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

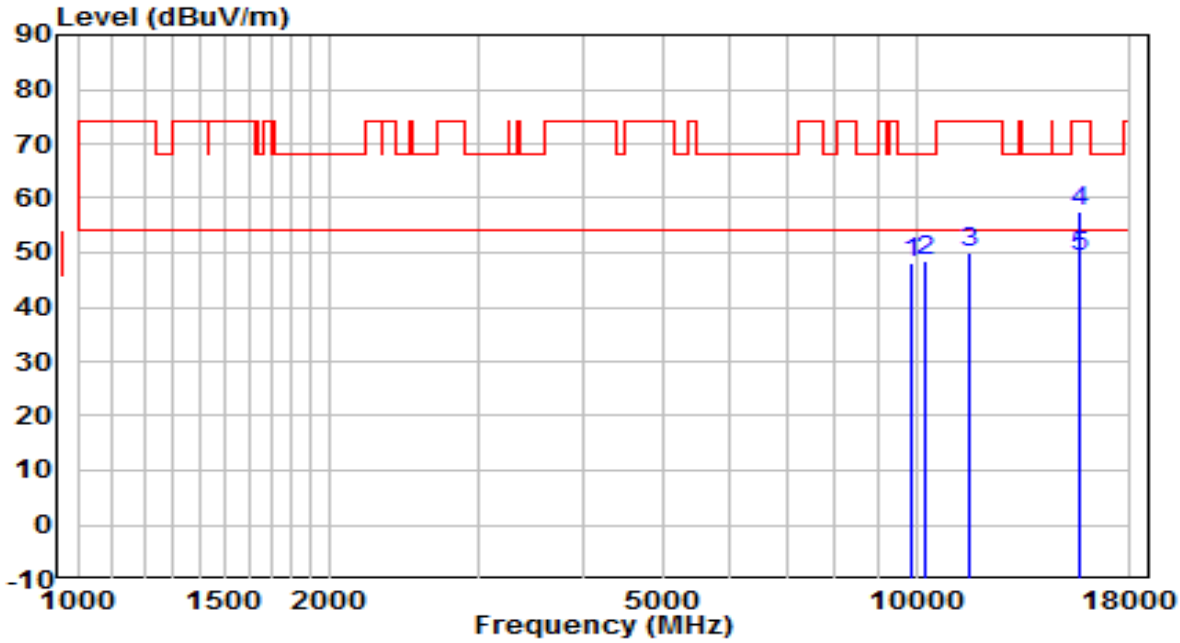


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8718.000	32.81	14.19	47.00	-21.20	68.20	Peak
2	*	10069.500	31.30	16.84	48.14	-20.06	68.20	Peak
3		10877.000	29.75	19.11	48.86	-25.14	74.00	Peak
4		12143.500	29.84	18.77	48.61	-25.39	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	AC 120V/60Hz

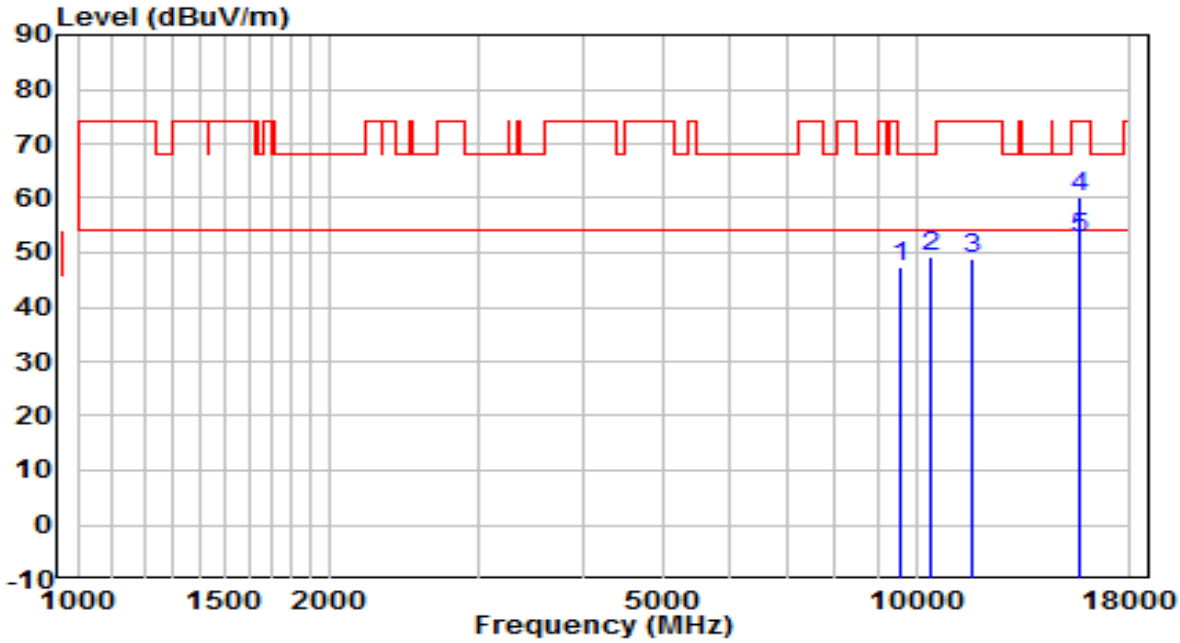


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9882.500	31.71	16.36	48.08	-20.12	68.20	Peak
2		10256.500	30.97	17.59	48.56	-19.64	68.20	Peak
3		11548.500	29.89	19.94	49.83	-24.17	74.00	Peak
4		15705.000	36.83	20.84	57.67	-16.33	74.00	Peak
5	*	15705.000	28.56	20.84	49.40	-4.60	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	AC 120V/60Hz

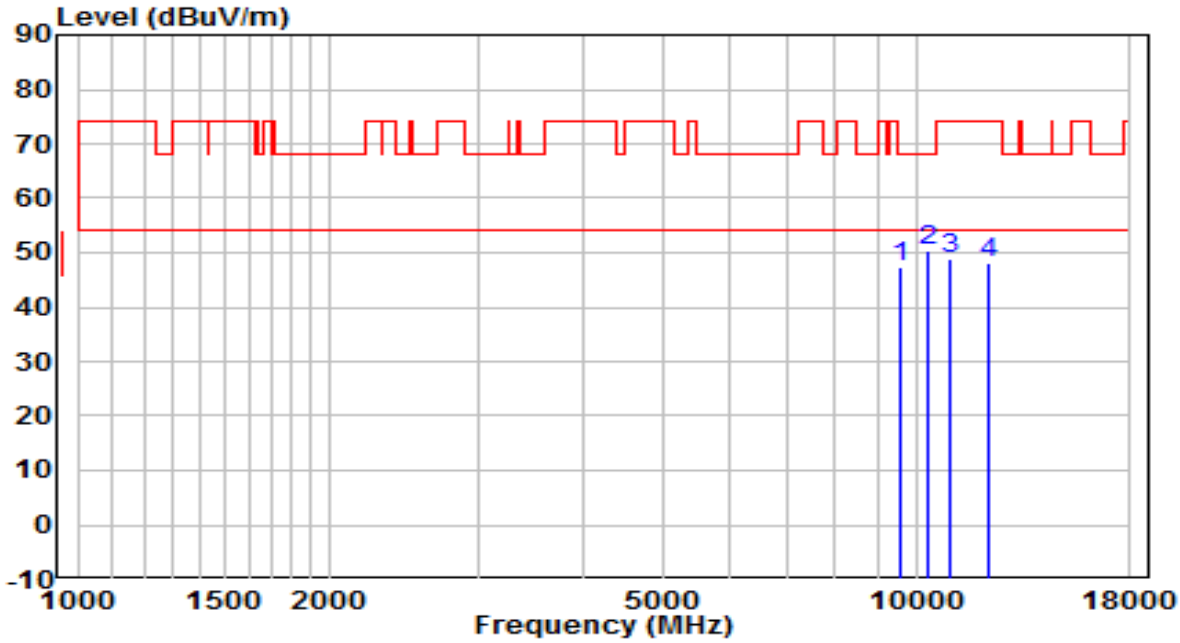


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9593.500	31.65	15.88	47.52	-20.68	68.20	Peak
2		10409.500	31.11	18.21	49.32	-18.88	68.20	Peak
3		11642.000	29.14	19.73	48.87	-25.13	74.00	Peak
4		15679.500	39.30	20.90	60.21	-13.79	74.00	Peak
5	*	15679.500	31.62	20.90	52.53	-1.47	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5270MHz	Test Voltage	AC 120V/60Hz

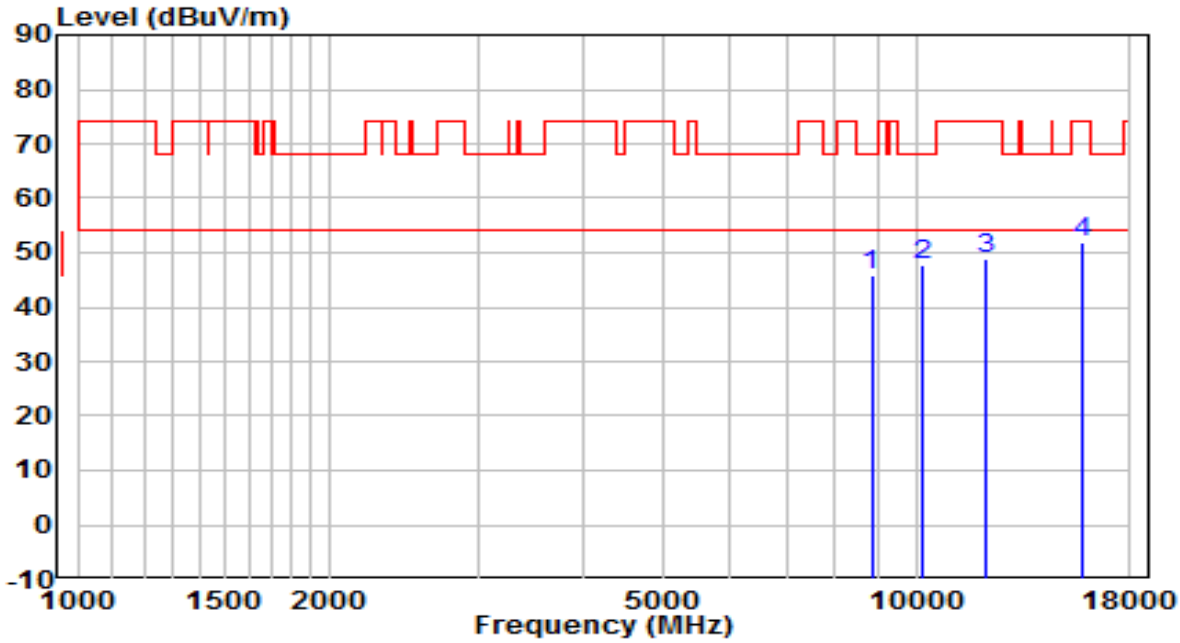


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9593.500	31.39	15.88	47.27	-20.93	68.20	Peak
2	*	10358.500	32.23	18.00	50.24	-17.96	68.20	Peak
3		11013.000	29.60	19.30	48.90	-25.10	74.00	Peak
4		12211.500	29.47	18.70	48.17	-25.83	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5270MHz	Test Voltage	AC 120V/60Hz

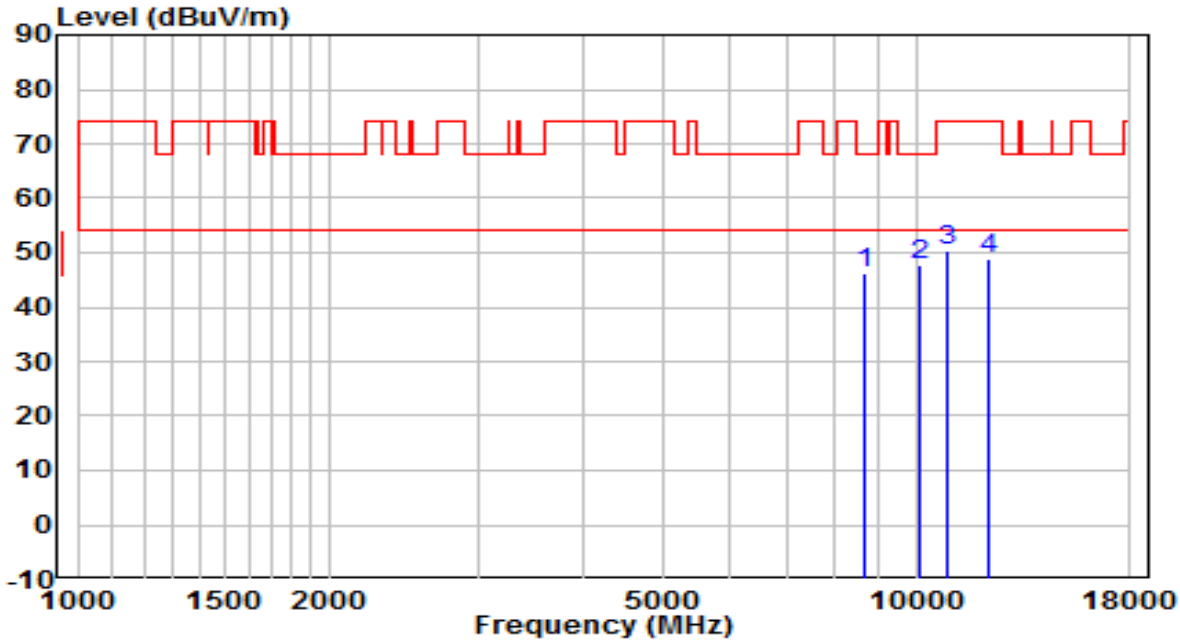


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8845.500	31.34	14.50	45.85	-22.35	68.20	Peak
2	*	10163.000	30.68	17.22	47.89	-20.31	68.20	Peak
3		12101.000	30.07	18.82	48.88	-25.12	74.00	Peak
4		15815.500	31.32	20.57	51.89	-22.11	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

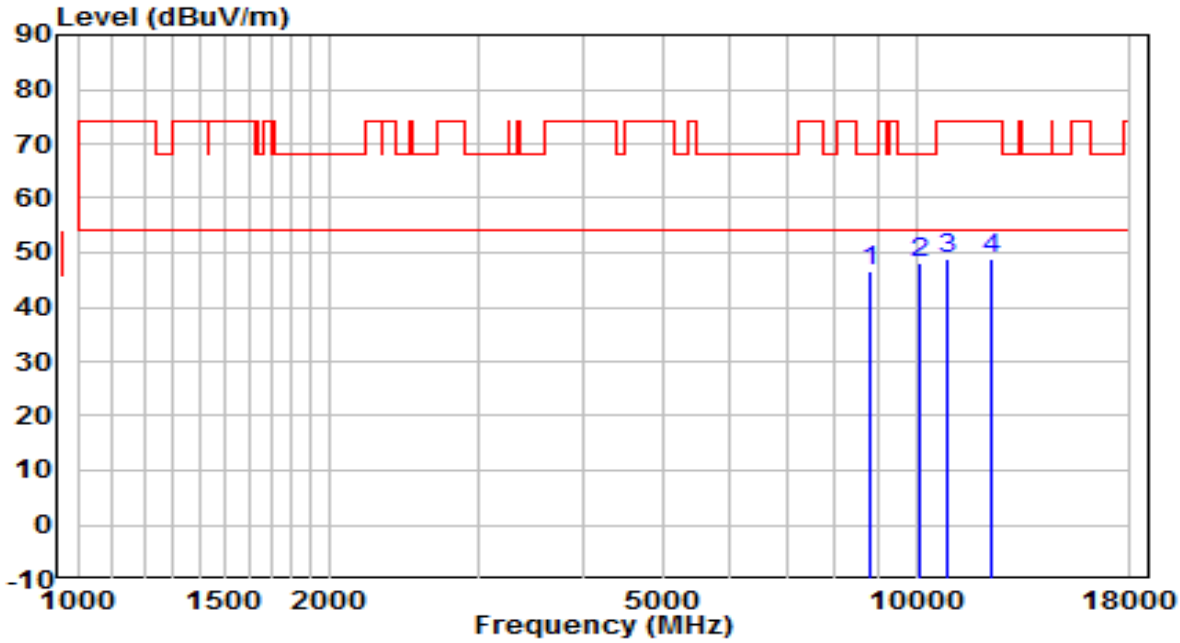


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8658.500	32.03	14.04	46.07	-22.13	68.20	Peak
2	*	10095.000	30.82	16.94	47.76	-20.44	68.20	Peak
3		10877.000	31.42	19.11	50.53	-23.47	74.00	Peak
4		12169.000	30.21	18.75	48.95	-25.05	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

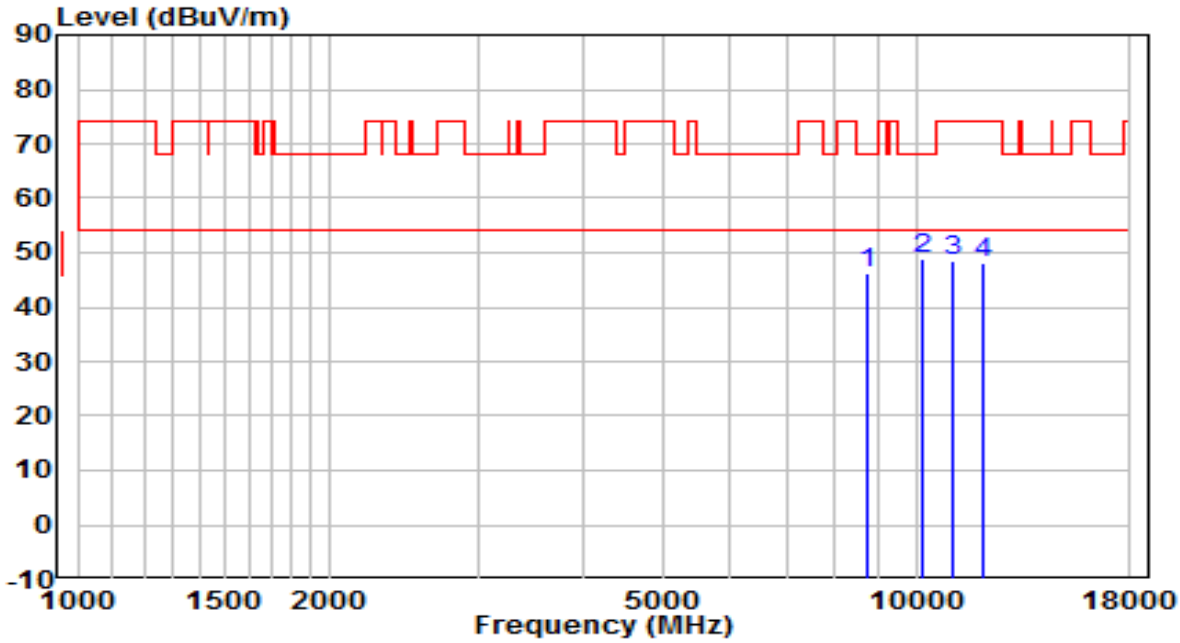


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8786.000	32.25	14.36	46.61	-21.59	68.20	Peak
2	*	10129.000	30.89	17.08	47.97	-20.23	68.20	Peak
3		10868.500	29.85	19.09	48.95	-25.06	74.00	Peak
4		12305.000	30.13	18.61	48.74	-25.26	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

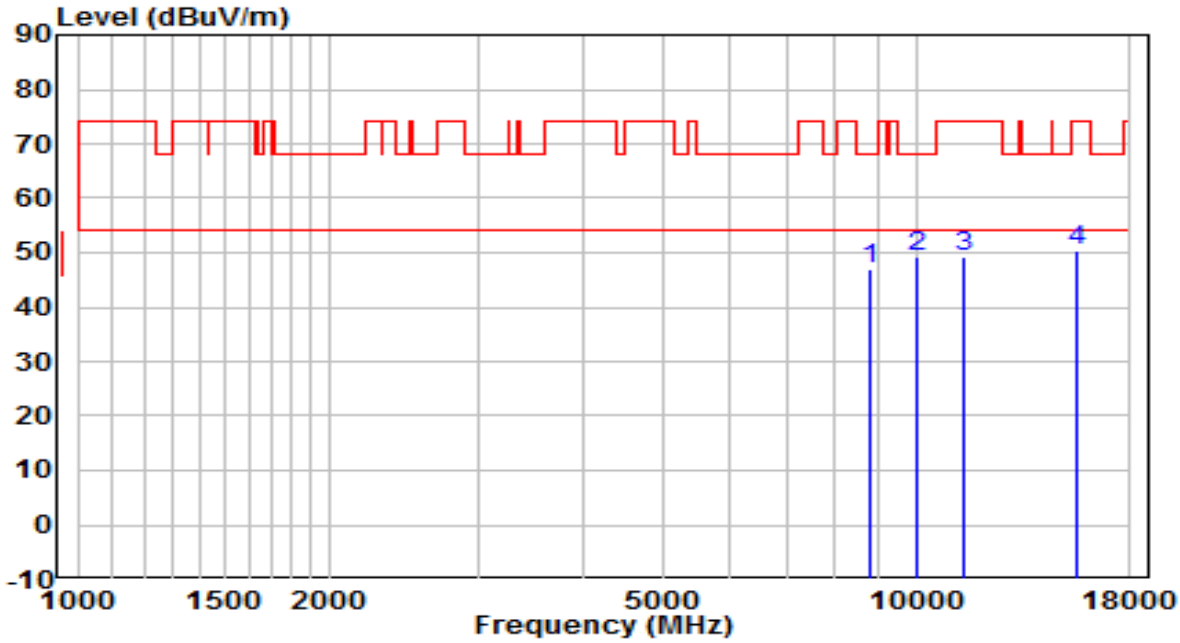


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8743.500	31.95	14.25	46.20	-22.00	68.20	Peak
2	*	10205.500	31.46	17.39	48.85	-19.35	68.20	Peak
3		11030.000	29.09	19.33	48.41	-25.59	74.00	Peak
4		11999.000	29.33	18.92	48.26	-25.74	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

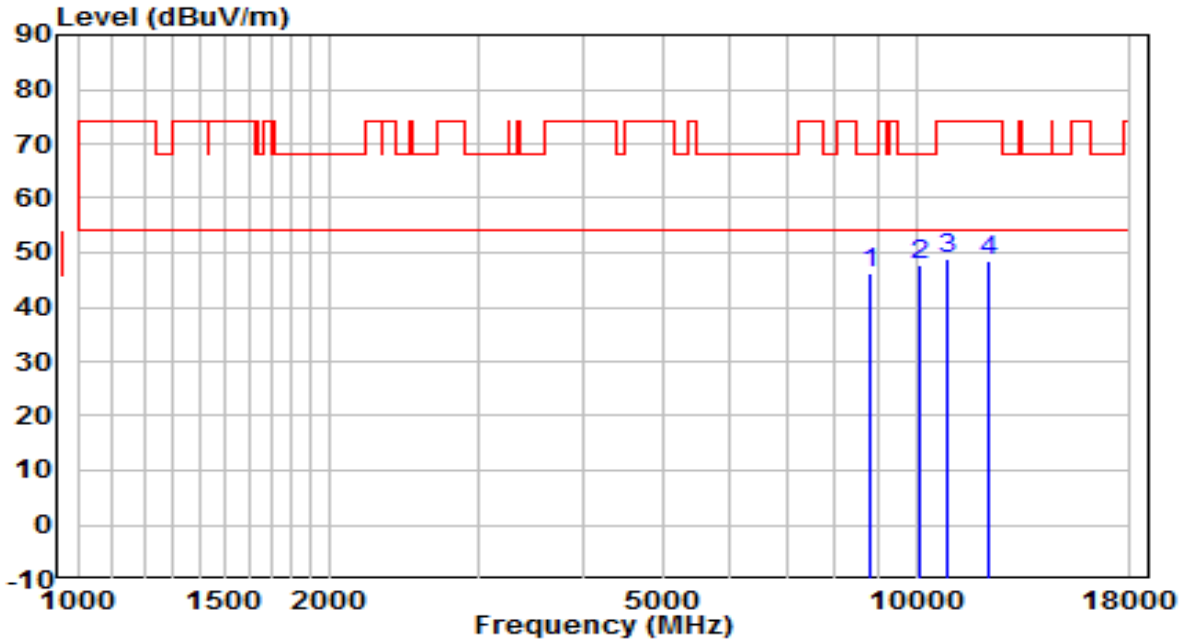


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8820.000	32.47	14.44	46.91	-21.29	68.20	Peak
2	*	10018.500	32.65	16.63	49.29	-18.91	68.20	Peak
3		11429.500	29.28	19.94	49.22	-24.78	74.00	Peak
4		15552.000	29.16	21.22	50.38	-23.62	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5550MHz	Test Voltage	AC 120V/60Hz

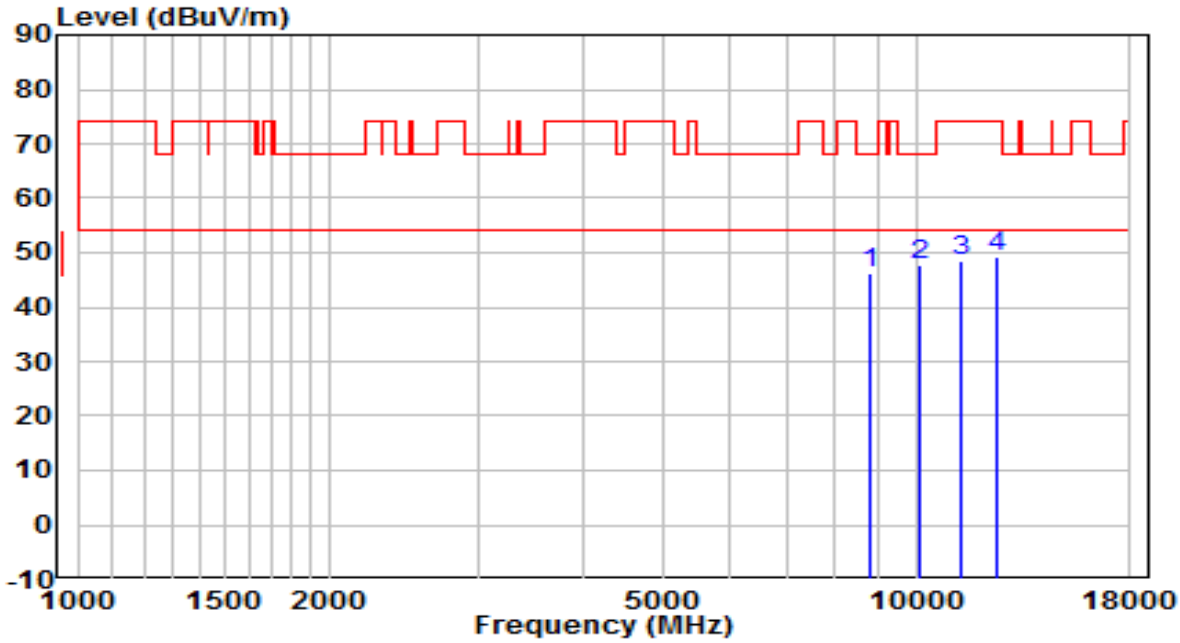


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8794.500	31.70	14.38	46.08	-22.12	68.20	Peak
2	*	10112.000	30.67	17.01	47.68	-20.52	68.20	Peak
3		10868.500	29.77	19.09	48.86	-25.14	74.00	Peak
4		12220.000	29.71	18.69	48.41	-25.59	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5550MHz	Test Voltage	AC 120V/60Hz

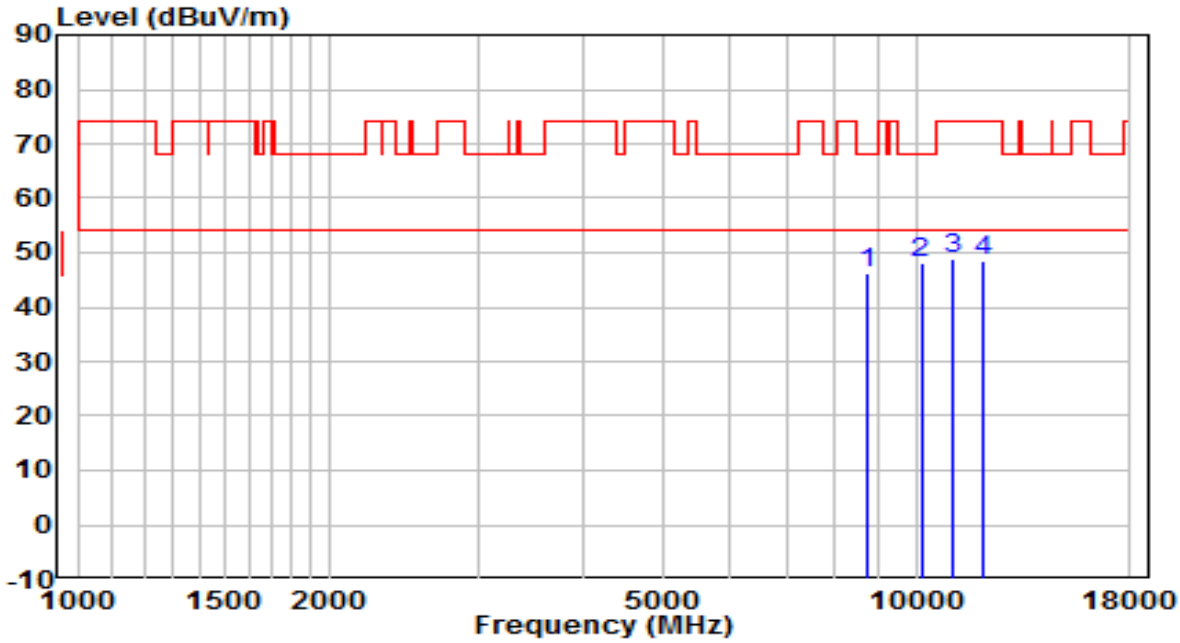


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8837.000	31.85	14.48	46.34	-21.86	68.20	Peak
2	*	10078.000	30.91	16.87	47.78	-20.42	68.20	Peak
3		11353.000	28.59	19.82	48.41	-25.59	74.00	Peak
4		12492.000	30.84	18.41	49.25	-24.75	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz

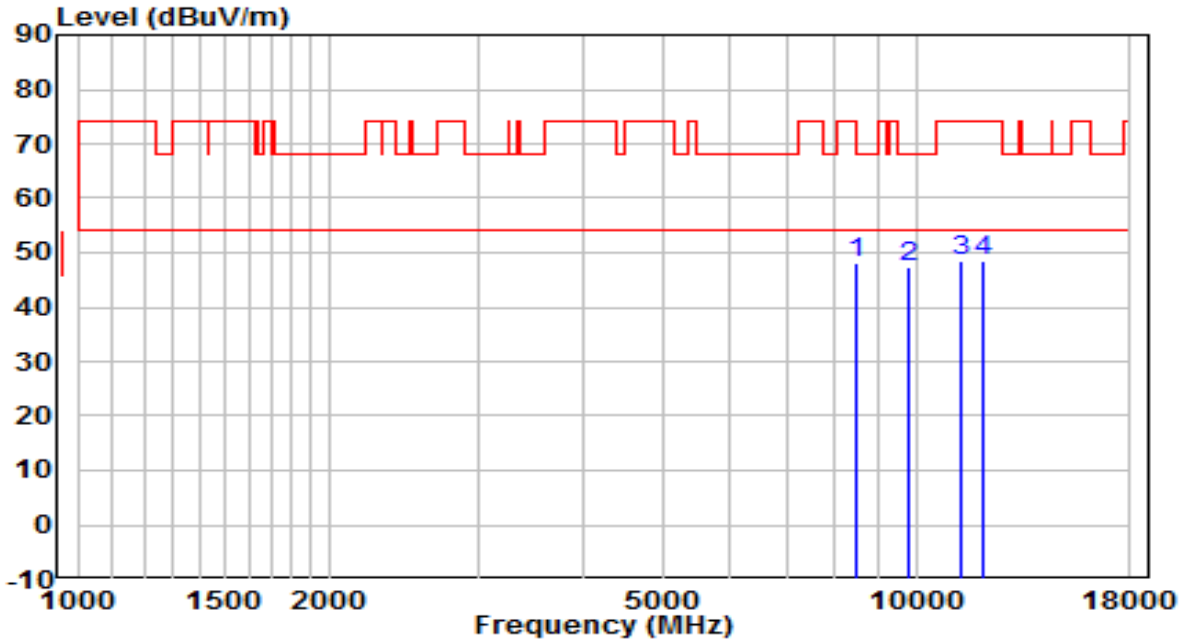


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8769.000	31.93	14.31	46.24	-21.96	68.20	Peak
2	*	10137.500	30.93	17.11	48.04	-20.16	68.20	Peak
3		11098.000	29.56	19.43	48.99	-25.01	74.00	Peak
4		12050.000	29.71	18.87	48.58	-25.42	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz

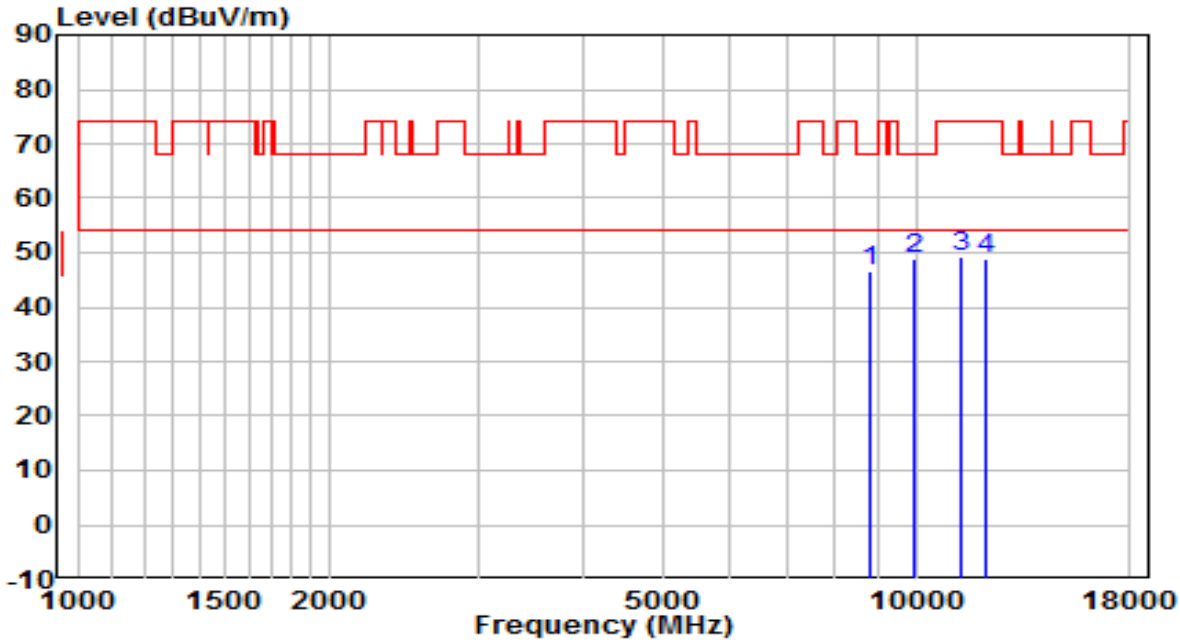


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8505.500	34.30	13.67	47.97	-20.23	68.20	Peak
2		9806.000	30.99	16.23	47.22	-20.98	68.20	Peak
3		11353.000	28.61	19.82	48.43	-25.57	74.00	Peak
4		12058.500	29.82	18.86	48.68	-25.32	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5710MHz	Test Voltage	AC 120V/60Hz

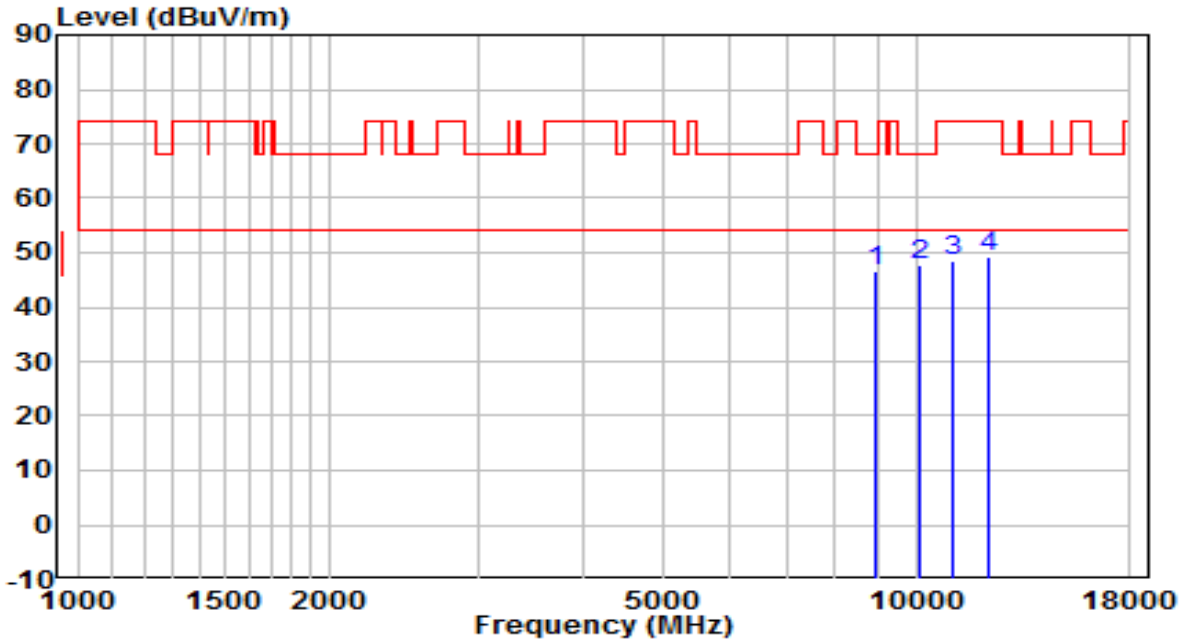


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8786.000	32.14	14.36	46.49	-21.71	68.20	Peak
2	*	9916.500	32.38	16.42	48.80	-19.40	68.20	Peak
3		11336.000	29.27	19.80	49.07	-24.93	74.00	Peak
4		12092.500	30.10	18.82	48.93	-25.07	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5710MHz	Test Voltage	AC 120V/60Hz

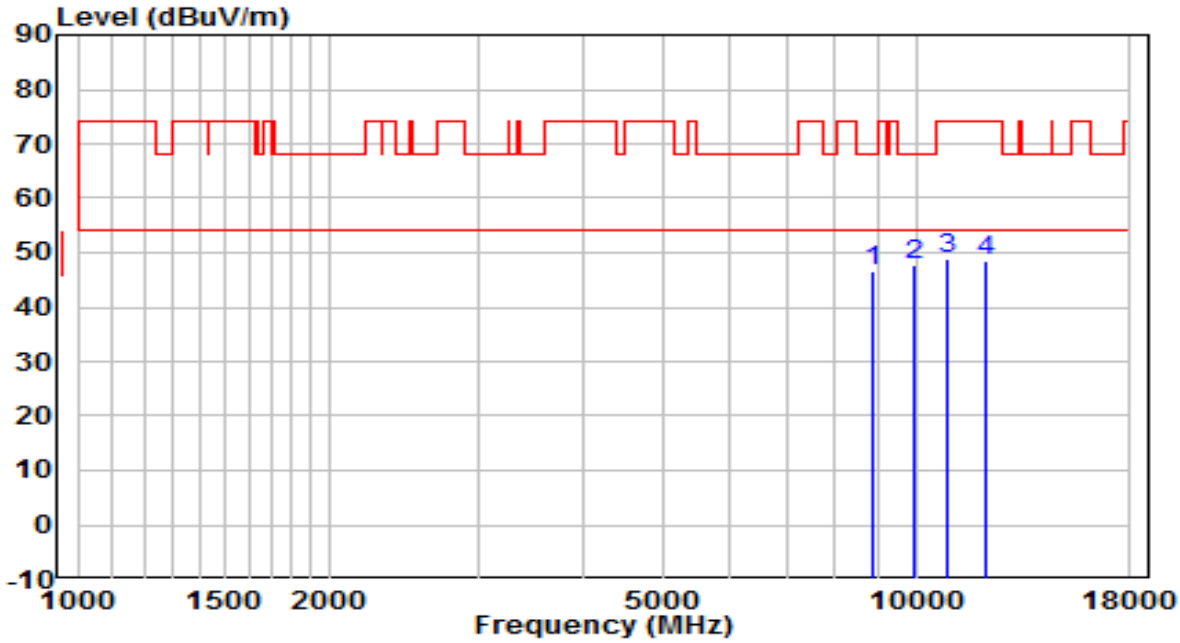


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8947.500	32.00	14.75	46.75	-21.45	68.20	Peak
2	*	10129.000	30.72	17.08	47.79	-20.41	68.20	Peak
3		11064.000	29.26	19.38	48.64	-25.36	74.00	Peak
4		12169.000	30.53	18.75	49.28	-24.72	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz

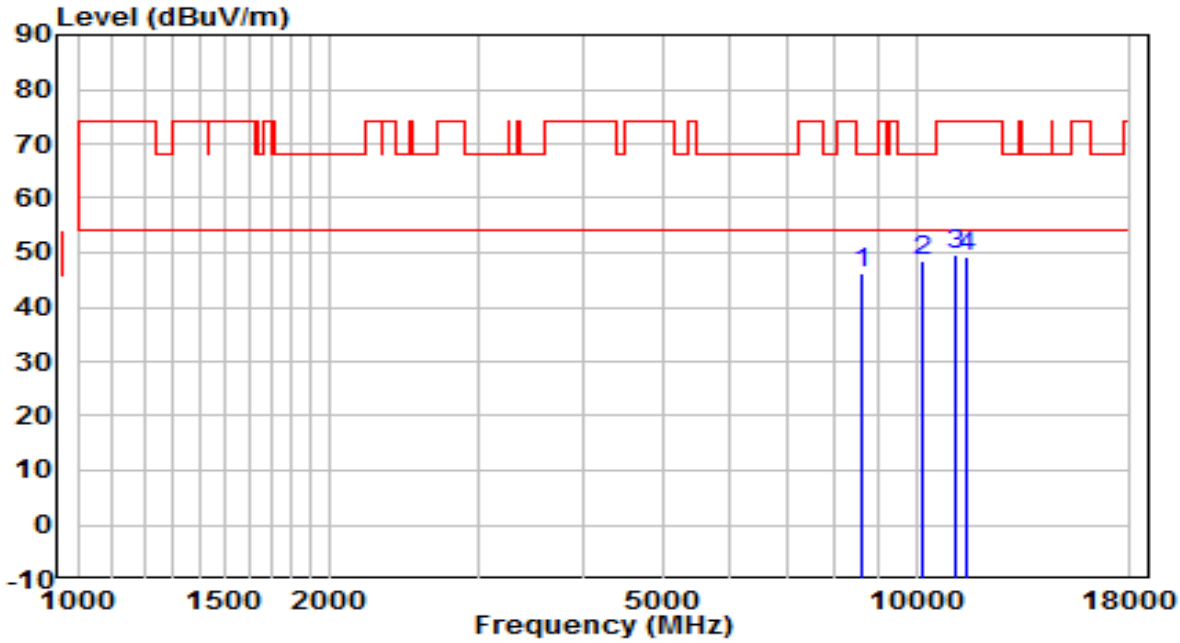


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8888.000	32.01	14.61	46.62	-21.58	68.20	Peak
2	*	9916.500	31.25	16.42	47.67	-20.53	68.20	Peak
3		10877.000	29.78	19.11	48.89	-25.11	74.00	Peak
4		12118.000	29.87	18.80	48.67	-25.33	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz

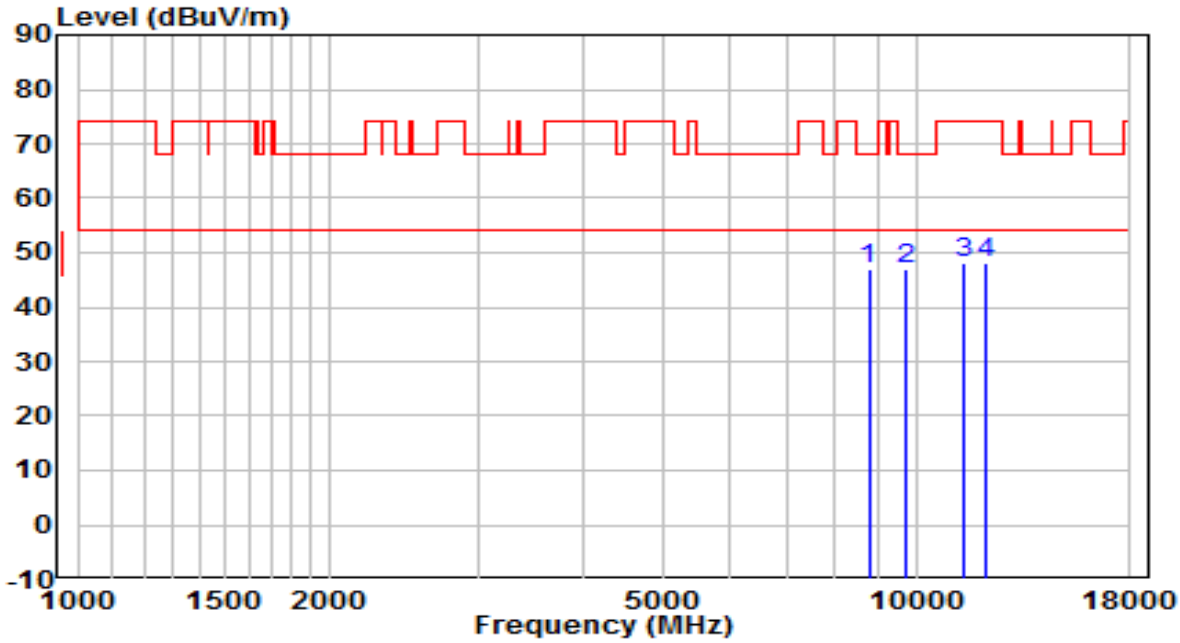


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8607.500	32.40	13.92	46.32	-21.88	68.20	Peak
2	*	10205.500	31.21	17.39	48.59	-19.61	68.20	Peak
3		11106.500	30.01	19.44	49.45	-24.55	74.00	Peak
4		11514.500	29.18	20.02	49.20	-24.80	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz

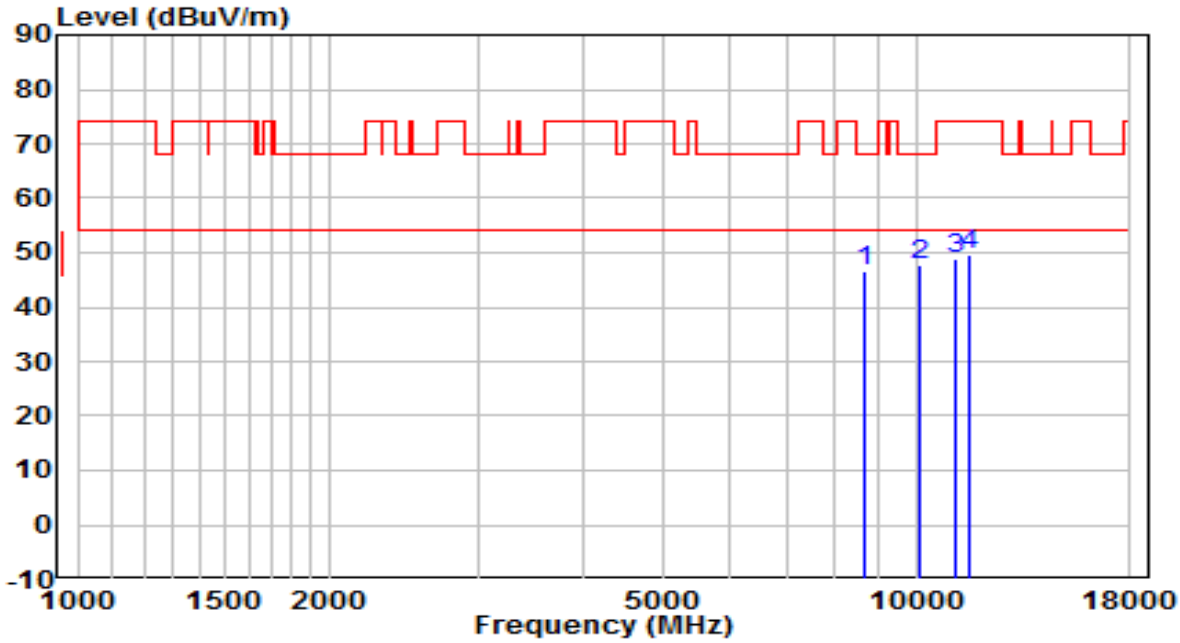


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8777.500	32.62	14.33	46.96	-21.24	68.20	Peak
2		9755.000	30.80	16.15	46.95	-21.25	68.20	Peak
3		11370.000	28.08	19.85	47.92	-26.08	74.00	Peak
4		12135.000	29.37	18.78	48.15	-25.85	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz

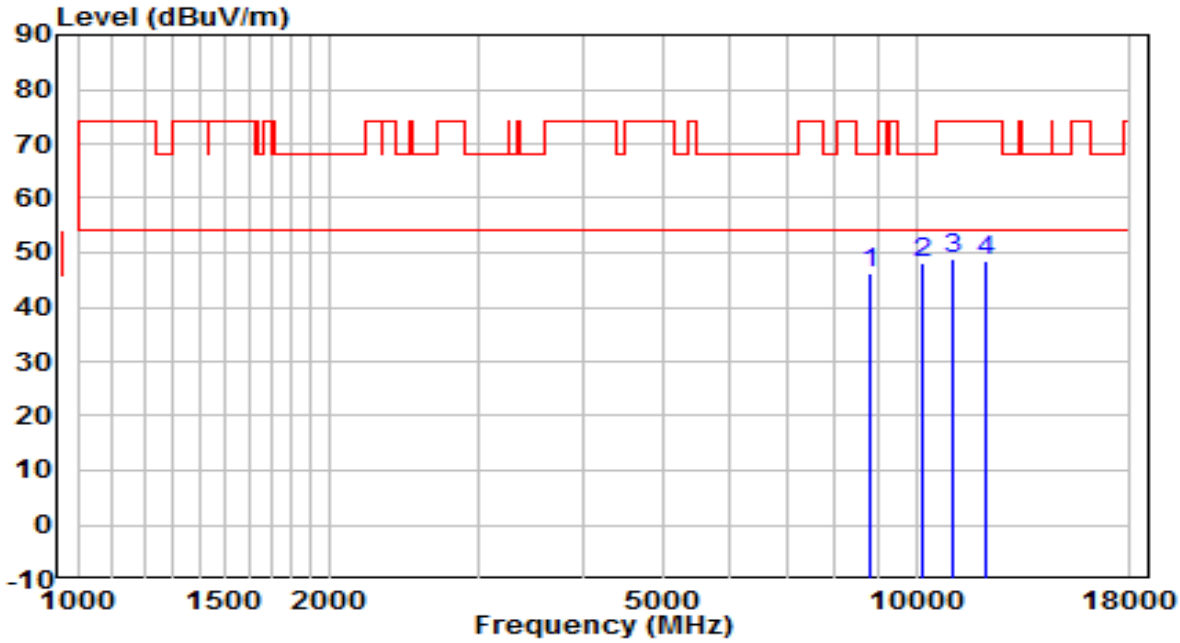


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8692.500	32.30	14.13	46.43	-21.77	68.20	Peak
2	*	10129.000	30.80	17.08	47.87	-20.33	68.20	Peak
3		11123.500	29.21	19.47	48.68	-25.32	74.00	Peak
4		11591.000	29.65	19.84	49.49	-24.51	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

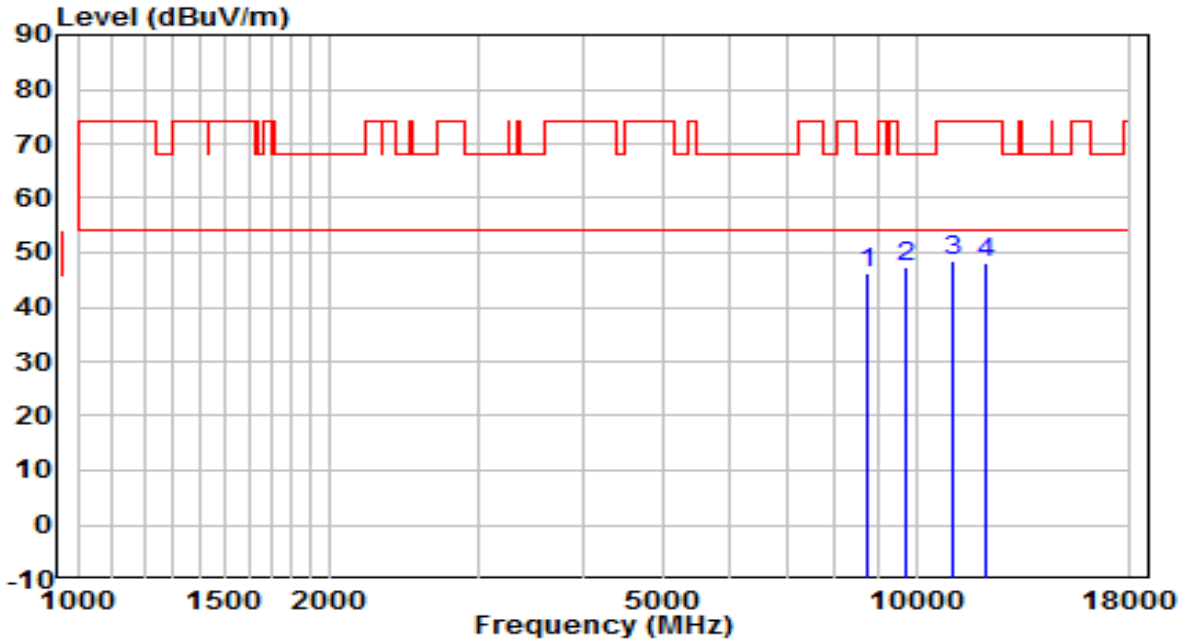


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8803.000	32.01	14.40	46.40	-21.80	68.20	Peak
2	*	10180.000	30.76	17.28	48.05	-20.15	68.20	Peak
3		11030.000	29.68	19.33	49.00	-25.00	74.00	Peak
4		12126.500	29.89	18.79	48.68	-25.32	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

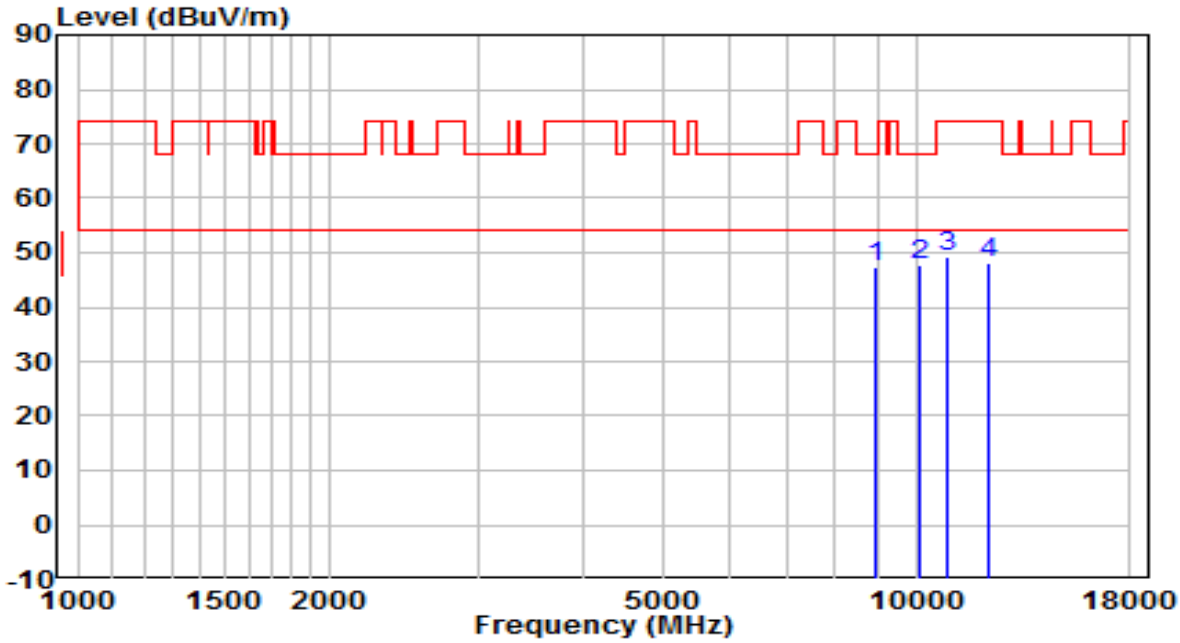


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8743.500	31.87	14.25	46.12	-22.08	68.20	Peak
2	*	9721.000	31.31	16.09	47.40	-20.80	68.20	Peak
3		11072.500	29.21	19.39	48.60	-25.40	74.00	Peak
4		12075.500	29.22	18.84	48.07	-25.93	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

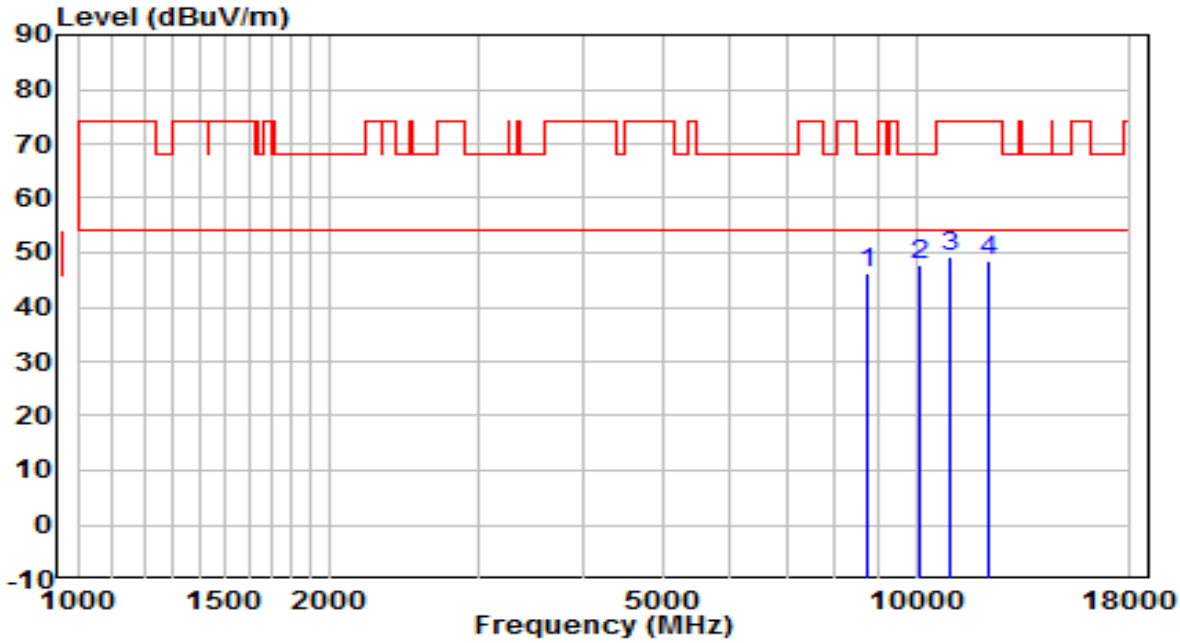


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8922.000	32.49	14.69	47.18	-21.02	68.20	Peak
2	*	10120.500	30.57	17.04	47.62	-20.58	68.20	Peak
3		10928.000	30.06	19.18	49.24	-24.76	74.00	Peak
4		12177.500	29.44	18.74	48.18	-25.82	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

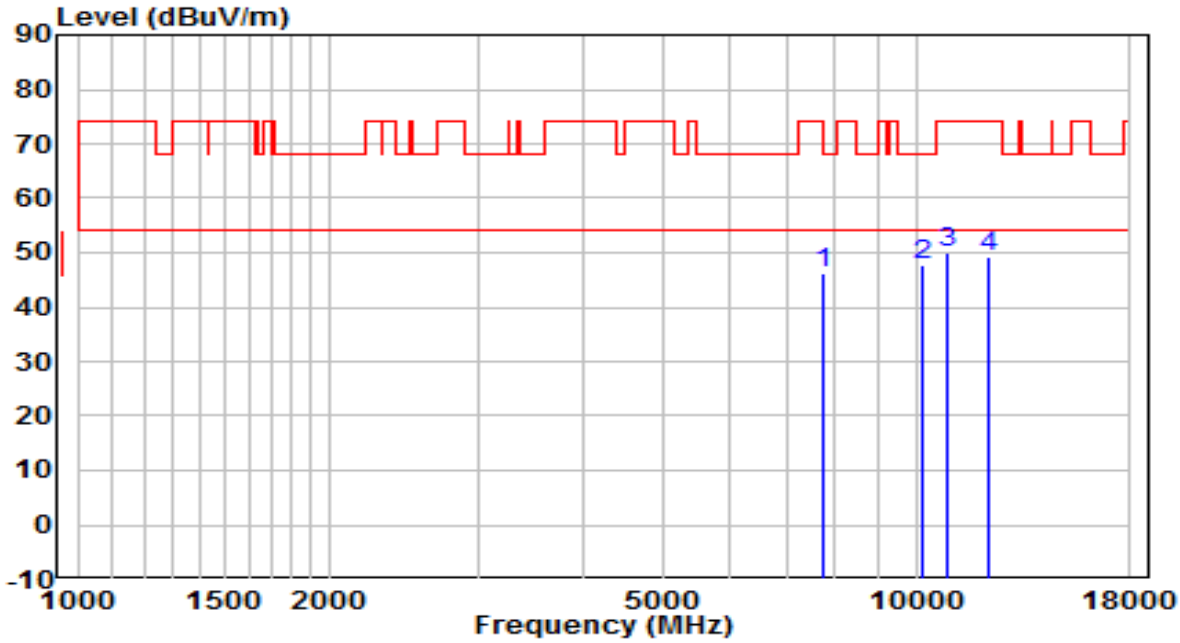


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8718.000	31.89	14.19	46.08	-22.12	68.20	Peak
2	*	10069.500	31.05	16.84	47.89	-20.31	68.20	Peak
3		10987.500	29.86	19.26	49.12	-24.88	74.00	Peak
4		12169.000	29.78	18.75	48.52	-25.48	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

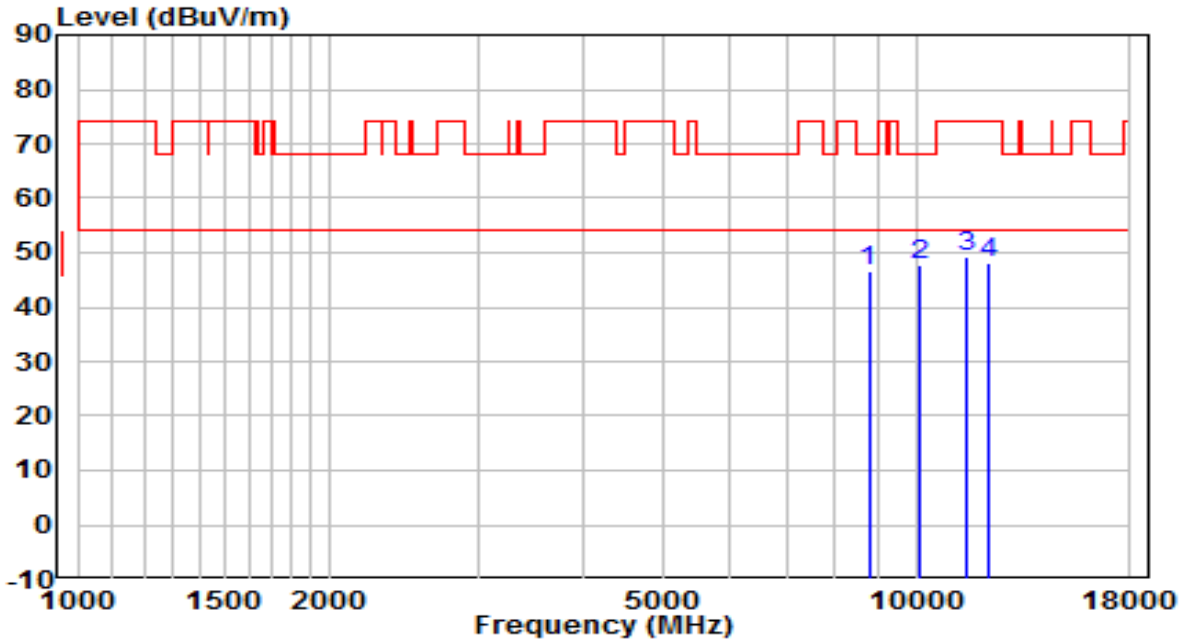


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7766.000	32.95	13.24	46.18	-22.02	68.20	Peak
2	*	10180.000	30.50	17.28	47.78	-20.42	68.20	Peak
3		10868.500	30.87	19.09	49.96	-24.04	74.00	Peak
4		12194.500	30.54	18.72	49.26	-24.74	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

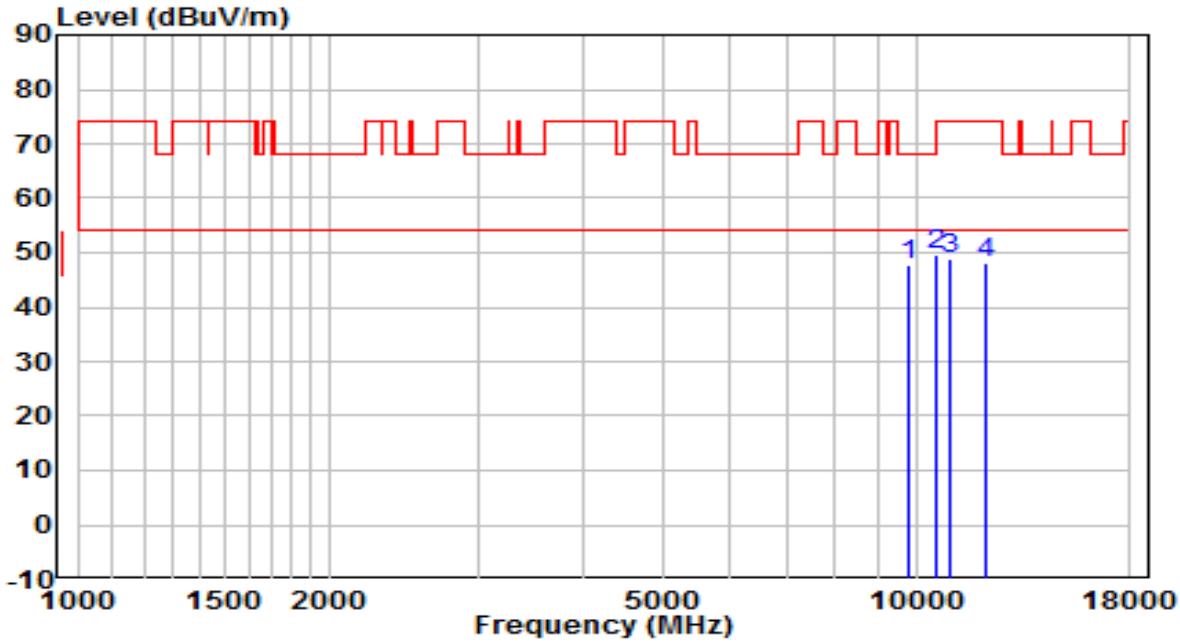


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	32.32	14.33	46.66	-21.54	68.20	Peak
2	*	10129.000	30.67	17.08	47.75	-20.45	68.20	Peak
3		11455.000	29.41	19.98	49.40	-24.60	74.00	Peak
4		12194.500	29.32	18.72	48.04	-25.96	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz

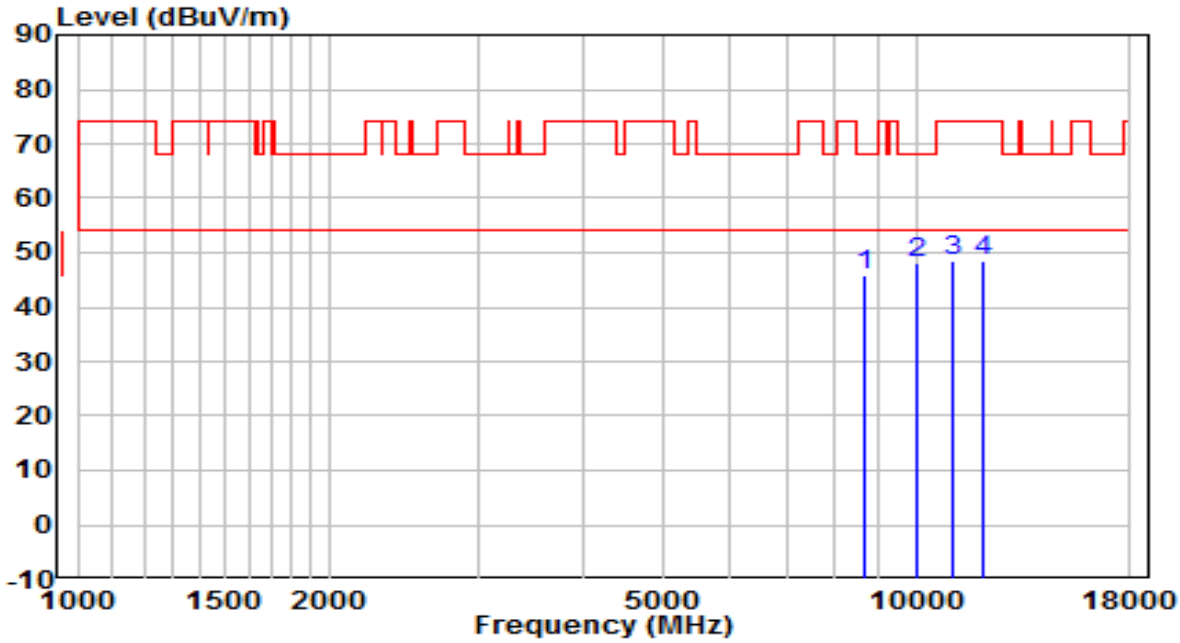


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9797.500	31.36	16.22	47.58	-20.62	68.20	Peak
2	*	10571.000	30.99	18.67	49.66	-18.54	68.20	Peak
3		10987.500	29.49	19.26	48.76	-25.24	74.00	Peak
4		12143.500	29.42	18.77	48.19	-25.81	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz

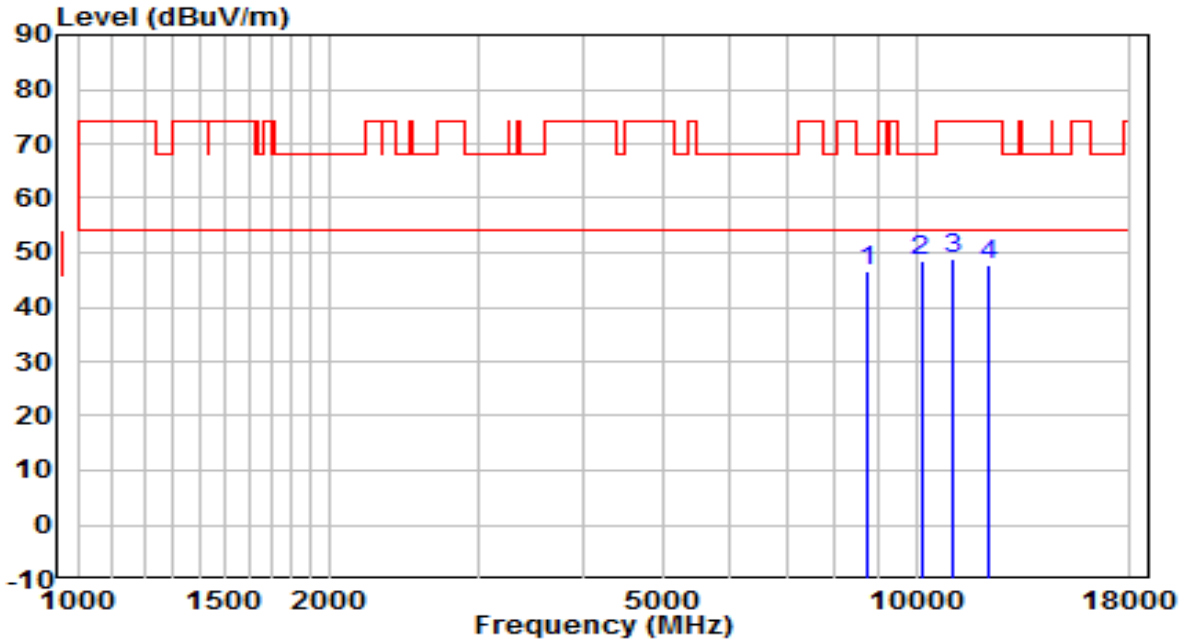


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8667.000	31.71	14.06	45.77	-22.43	68.20	Peak
2	*	10027.000	31.37	16.67	48.04	-20.16	68.20	Peak
3		11064.000	29.27	19.38	48.65	-25.35	74.00	Peak
4		12024.500	29.48	18.89	48.38	-25.62	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5690MHz	Test Voltage	AC 120V/60Hz

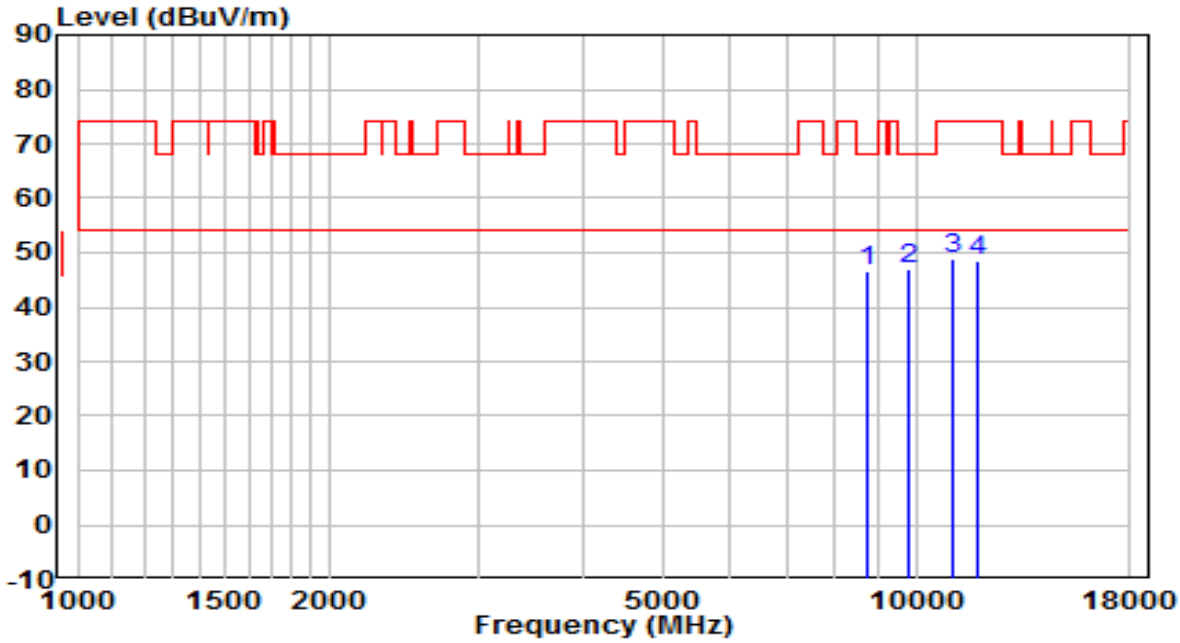


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8752.000	32.44	14.27	46.72	-21.48	68.20	Peak
2	*	10137.500	31.54	17.11	48.65	-19.55	68.20	Peak
3		11081.000	29.28	19.40	48.68	-25.32	74.00	Peak
4		12203.000	29.19	18.71	47.90	-26.10	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5690MHz	Test Voltage	AC 120V/60Hz

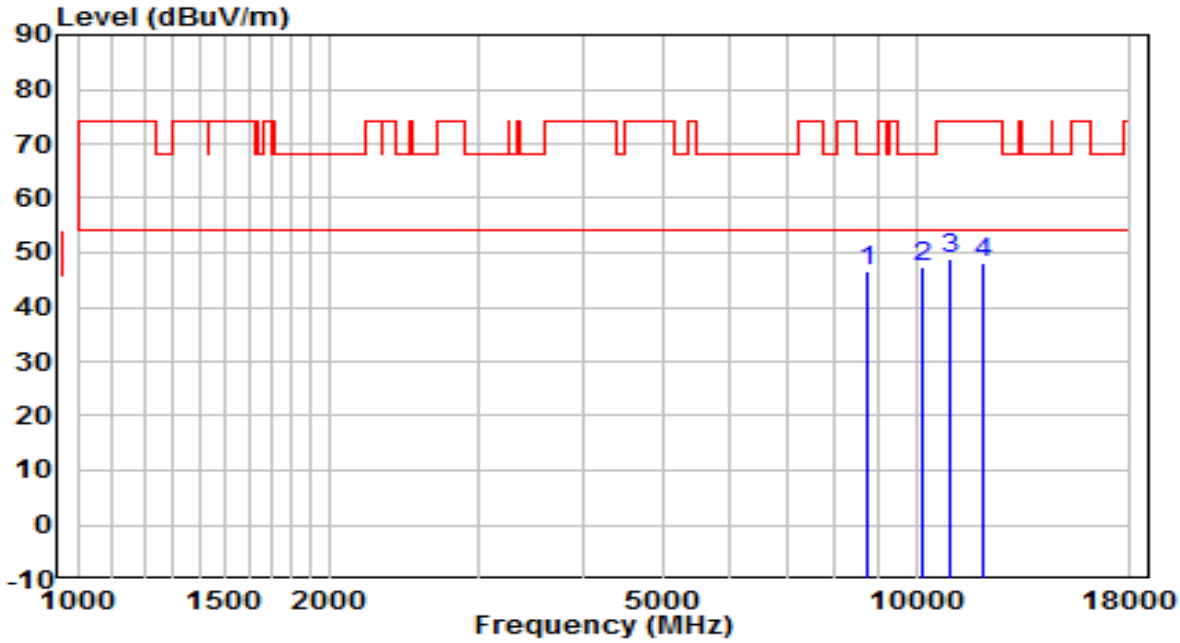


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8718.000	32.45	14.19	46.64	-21.56	68.20	Peak
2	*	9823.000	30.82	16.26	47.08	-21.12	68.20	Peak
3		11030.000	29.36	19.33	48.69	-25.31	74.00	Peak
4		11880.000	29.30	19.19	48.49	-25.51	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz

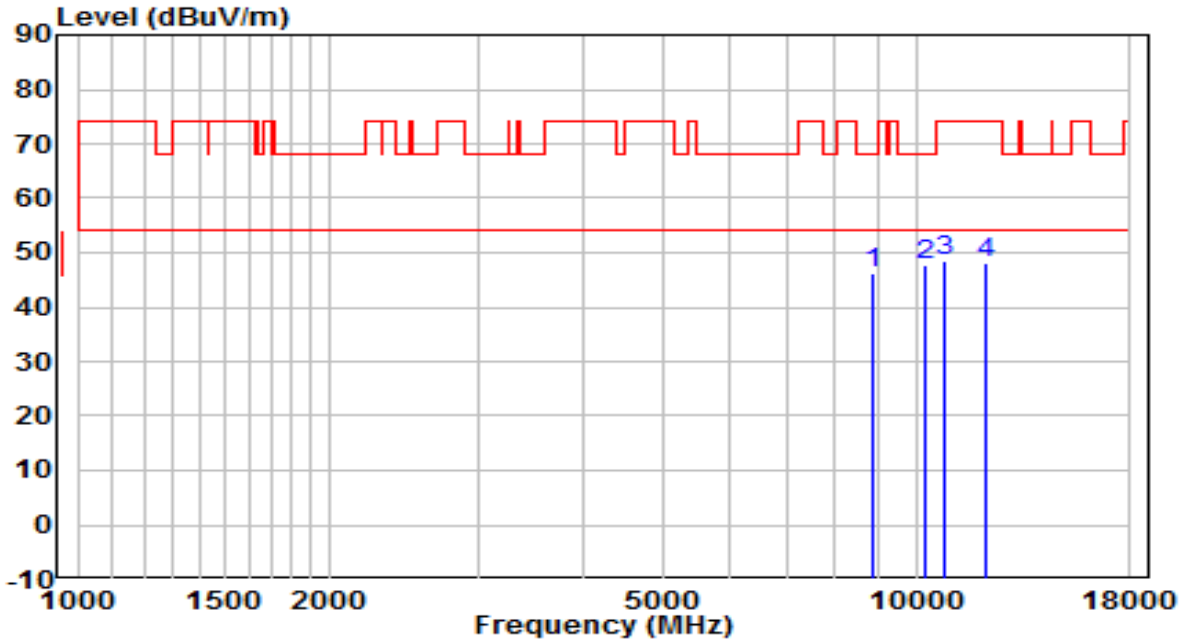


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8743.500	32.24	14.25	46.49	-21.71	68.20	Peak
2	*	10146.000	30.22	17.15	47.37	-20.83	68.20	Peak
3		10970.500	29.68	19.24	48.92	-25.08	74.00	Peak
4		12041.500	29.31	18.88	48.19	-25.81	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz

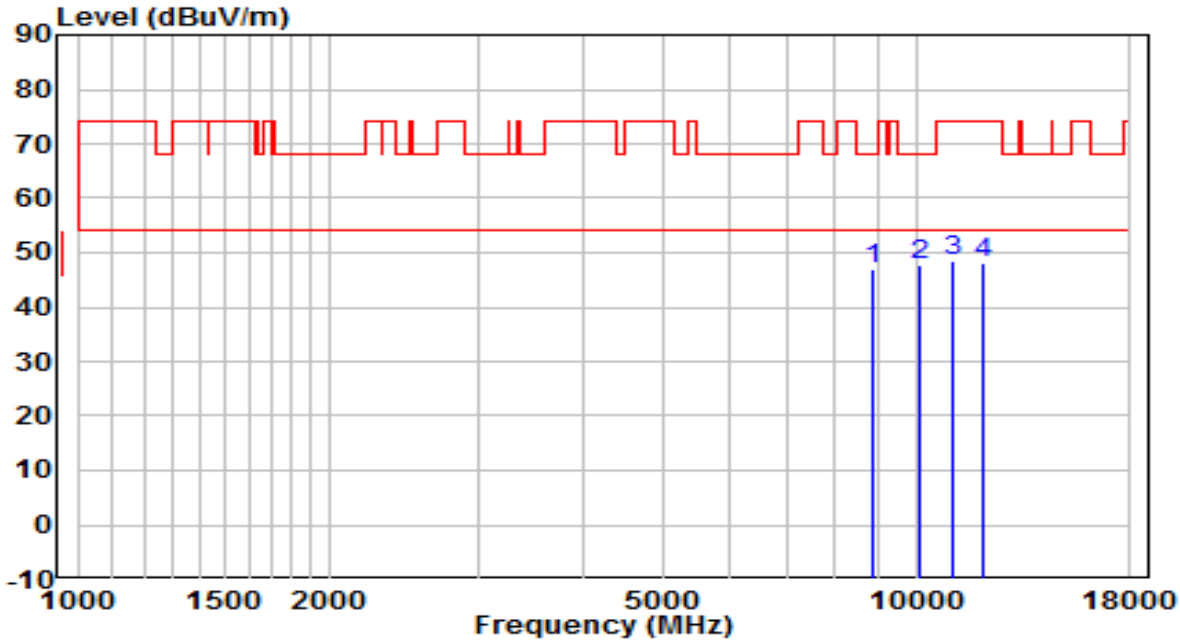


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8879.500	31.73	14.58	46.31	-21.89	68.20	Peak
2	*	10239.500	30.36	17.52	47.88	-20.32	68.20	Peak
3		10800.500	29.57	19.00	48.57	-25.43	74.00	Peak
4		12152.000	29.52	18.76	48.28	-25.72	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz

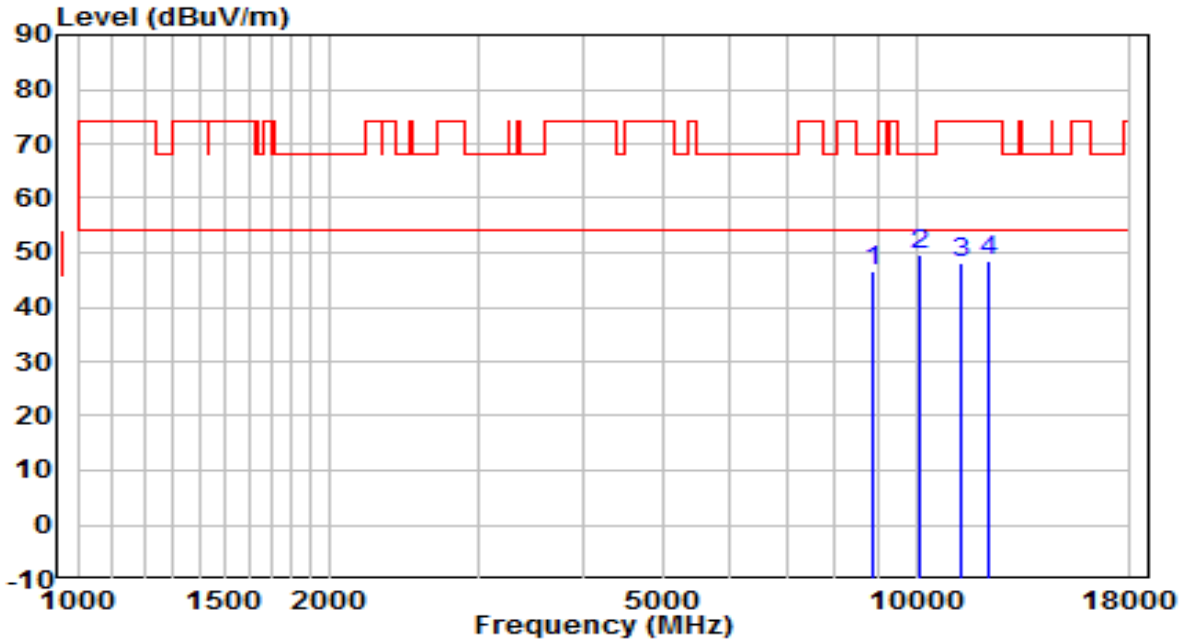


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8905.000	32.26	14.65	46.91	-21.29	68.20	Peak
2	*	10120.500	30.80	17.04	47.85	-20.35	68.20	Peak
3		11072.500	29.19	19.39	48.58	-25.42	74.00	Peak
4		12058.500	29.38	18.86	48.24	-25.76	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz

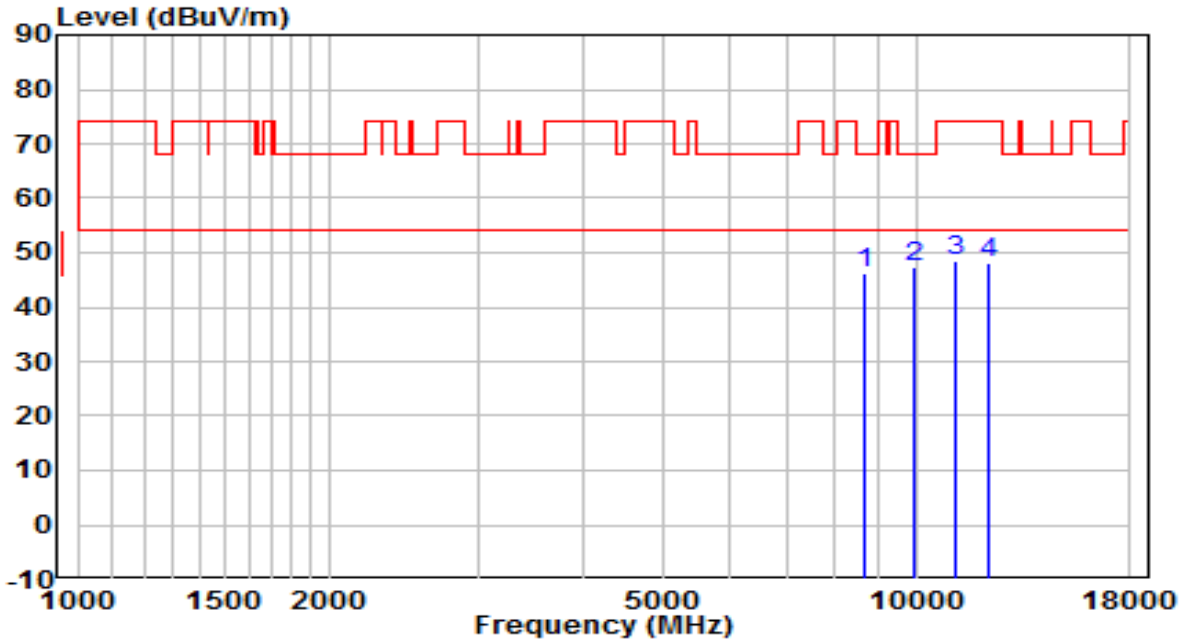


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8896.500	32.15	14.63	46.77	-21.43	68.20	Peak
2	*	10129.000	32.41	17.08	49.49	-18.71	68.20	Peak
3		11293.500	28.32	19.73	48.05	-25.95	74.00	Peak
4		12237.000	29.67	18.68	48.34	-25.66	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz

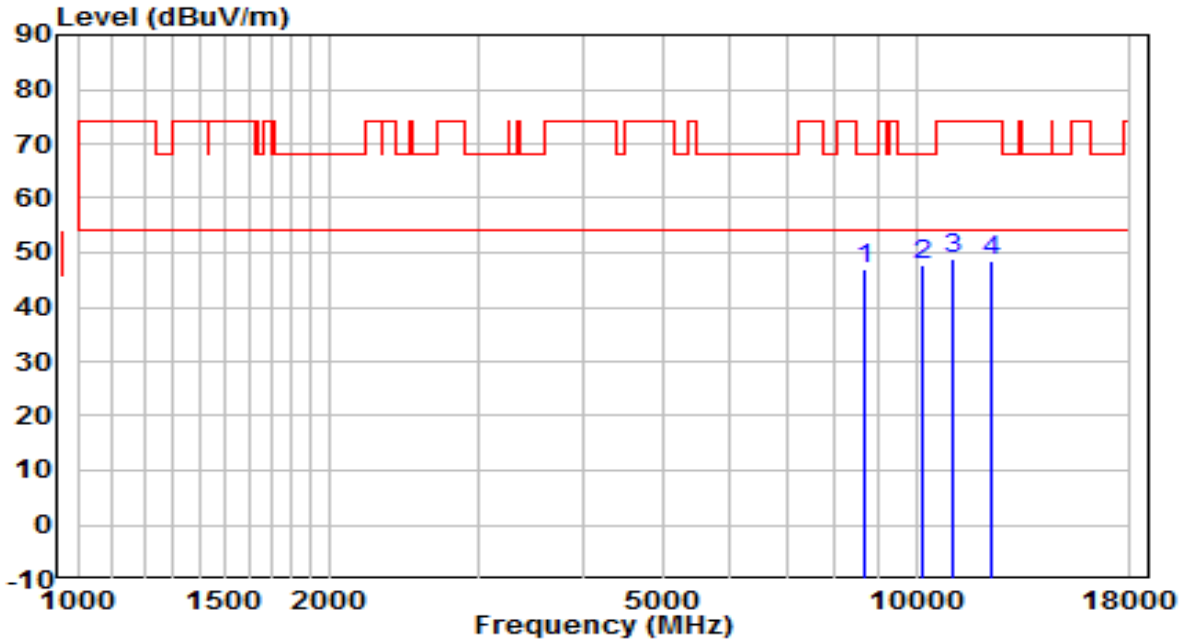


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8675.500	32.11	14.08	46.20	-22.00	68.20	Peak
2	*	9925.000	30.95	16.43	47.39	-20.81	68.20	Peak
3		11174.500	28.85	19.55	48.40	-25.60	74.00	Peak
4		12177.500	29.49	18.74	48.23	-25.77	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz

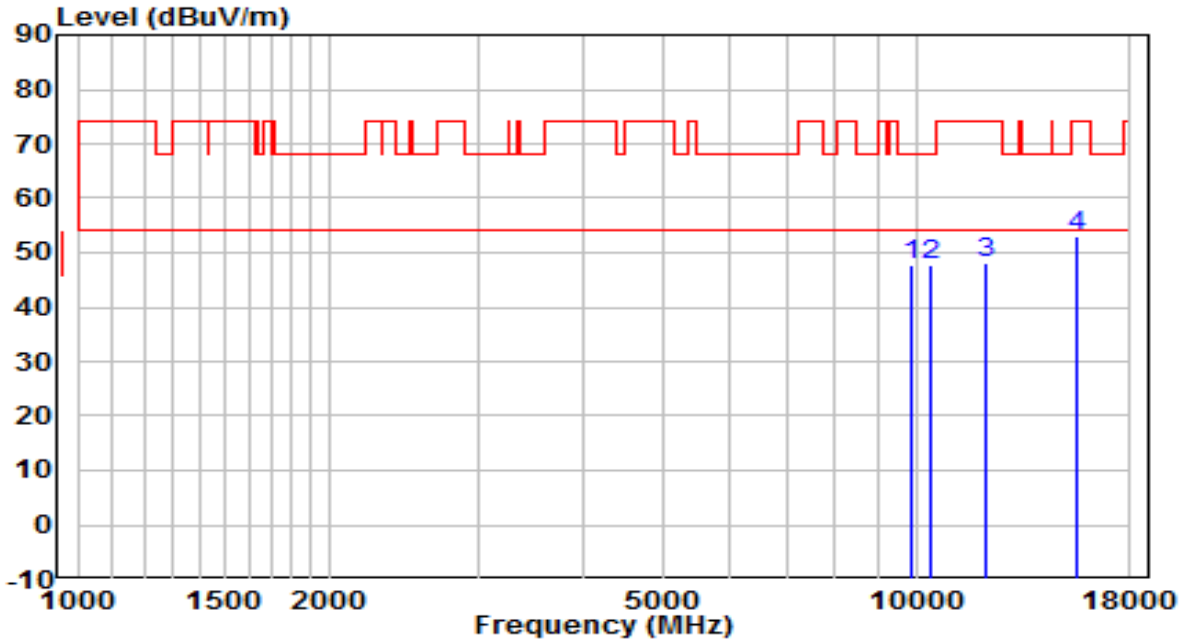


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8650.000	32.91	14.02	46.93	-21.27	68.20	Peak
2	*	10180.000	30.38	17.28	47.67	-20.53	68.20	Peak
3		11072.500	29.63	19.39	49.02	-24.98	74.00	Peak
4		12279.500	29.79	18.63	48.42	-25.58	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

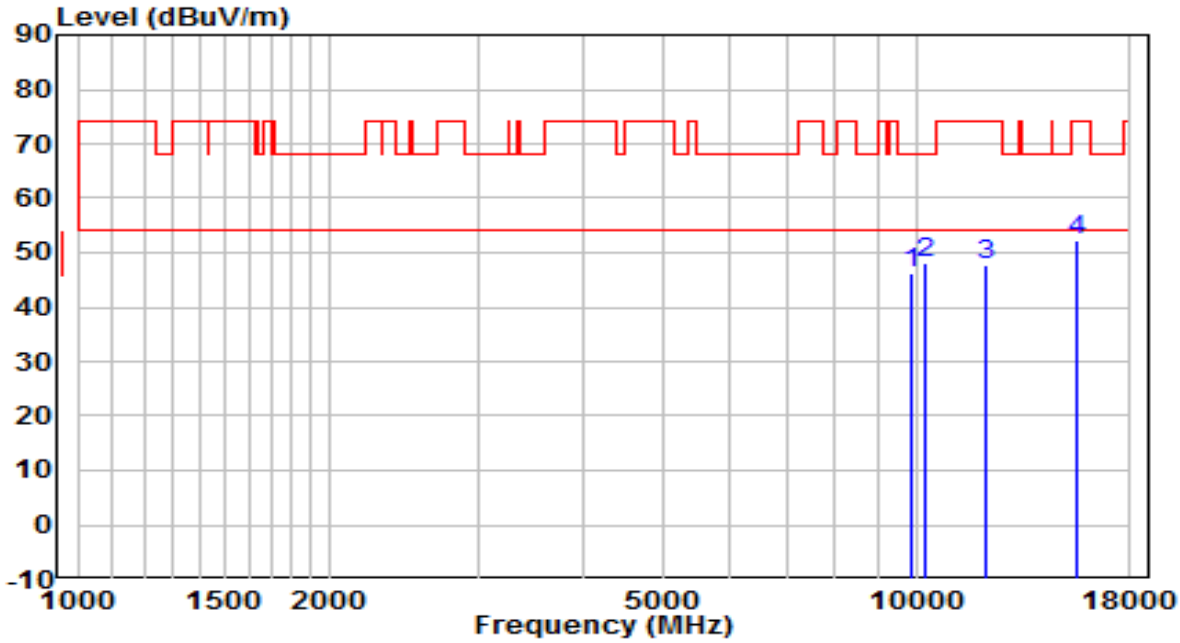


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	9899.500	31.35	16.39	47.74	-20.46	68.20	Peak
2		10392.500	29.54	18.14	47.67	-20.53	68.20	Peak
3		12118.000	29.35	18.80	48.15	-25.85	74.00	Peak
4		15535.000	31.60	21.26	52.86	-21.14	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

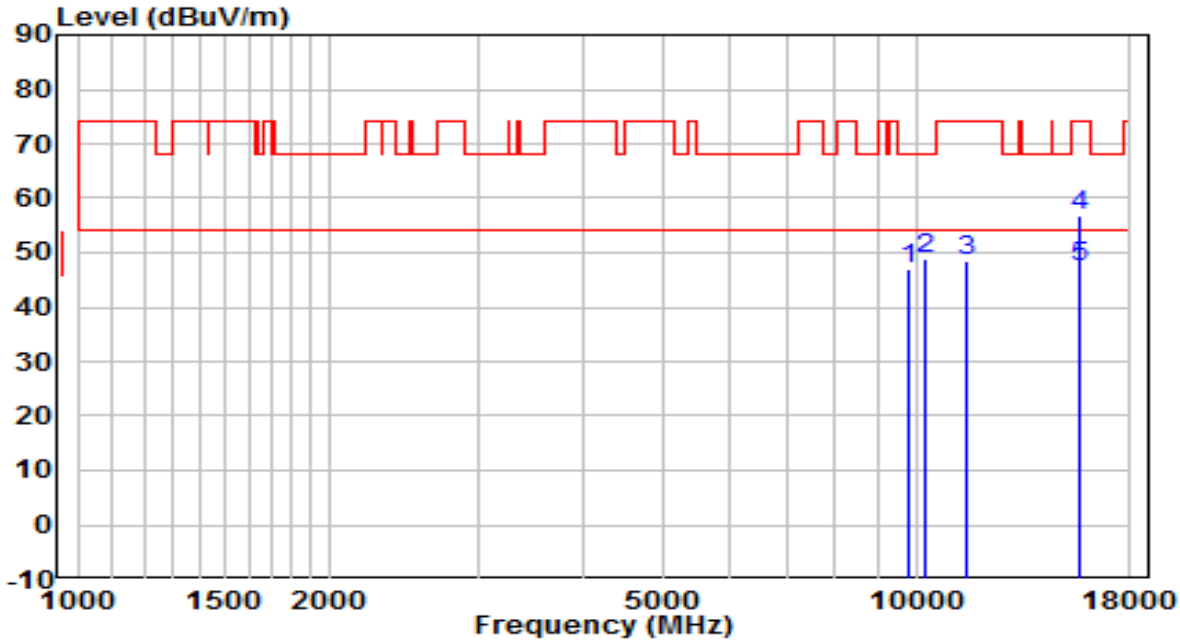


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9840.000	30.12	16.29	46.41	-21.79	68.20	Peak
2	*	10256.500	30.58	17.59	48.17	-20.03	68.20	Peak
3		12101.000	29.02	18.82	47.83	-26.17	74.00	Peak
4		15543.500	30.84	21.24	52.08	-21.92	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5220MHz	Test Voltage	AC 120V/60Hz

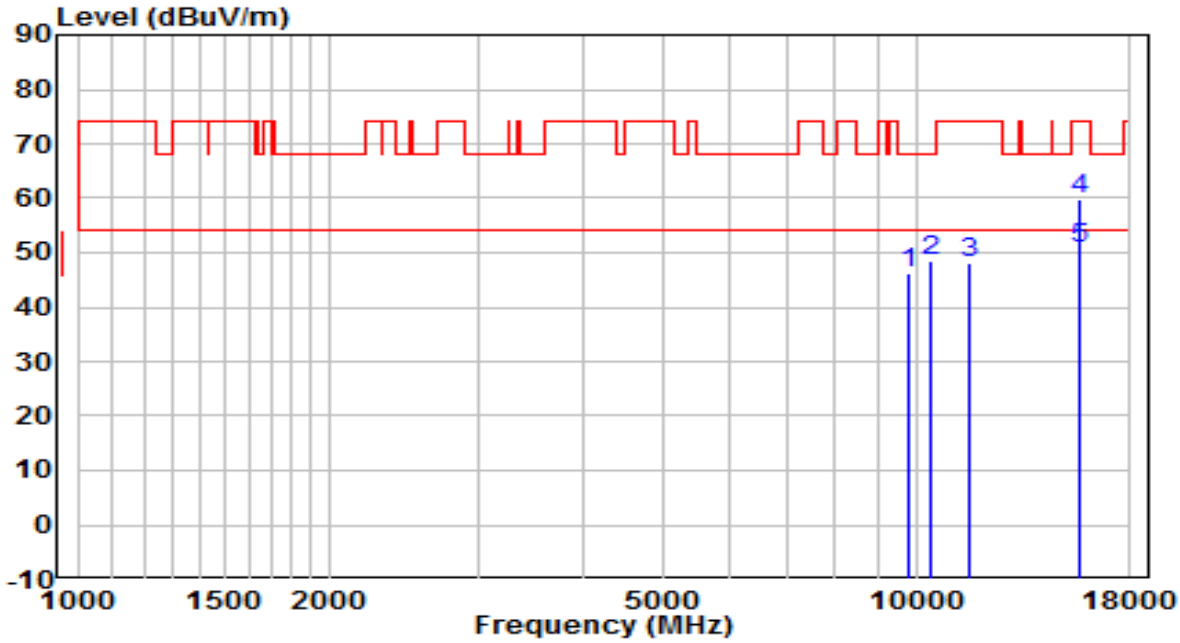


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9780.500	30.97	16.19	47.16	-21.04	68.20	Peak
2		10265.000	31.19	17.63	48.81	-19.39	68.20	Peak
3		11489.000	28.52	20.03	48.56	-25.44	74.00	Peak
4		15662.500	35.93	20.95	56.88	-17.12	74.00	Peak
5	*	15662.500	26.25	20.95	47.20	-6.80	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5220MHz	Test Voltage	AC 120V/60Hz

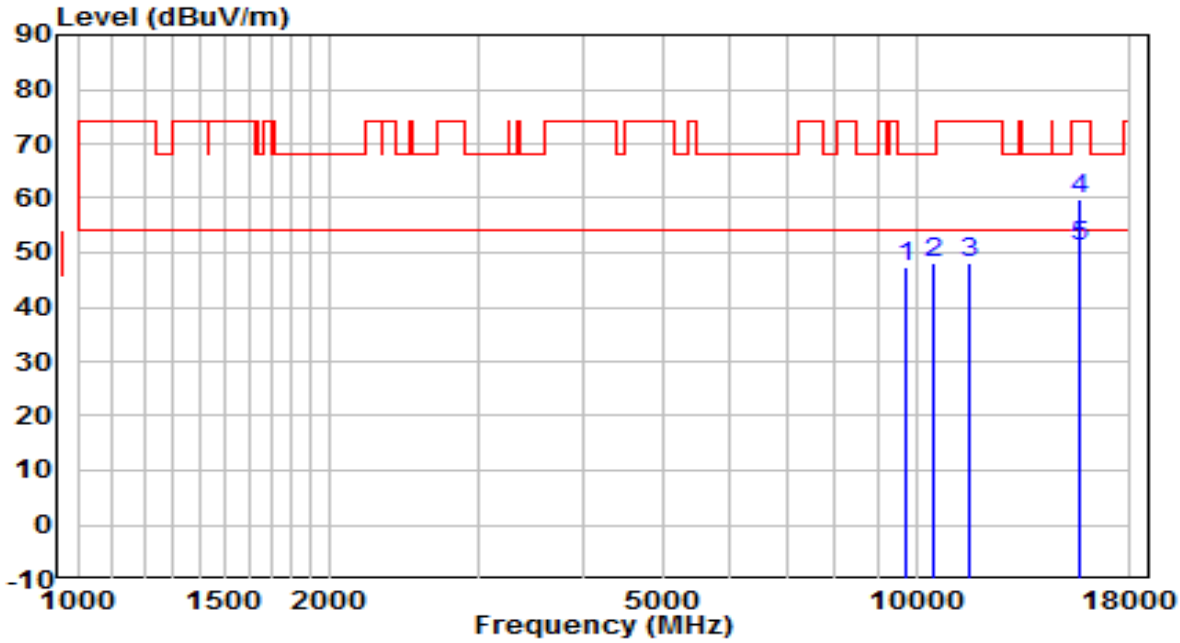


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9797.500	30.11	16.22	46.33	-21.87	68.20	Peak
2		10443.500	30.11	18.34	48.45	-19.75	68.20	Peak
3		11540.000	28.15	19.96	48.11	-25.89	74.00	Peak
4		15671.000	38.81	20.93	59.74	-14.26	74.00	Peak
5	*	15671.000	29.76	20.93	50.68	-3.32	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5240MHz	Test Voltage	AC 120V/60Hz

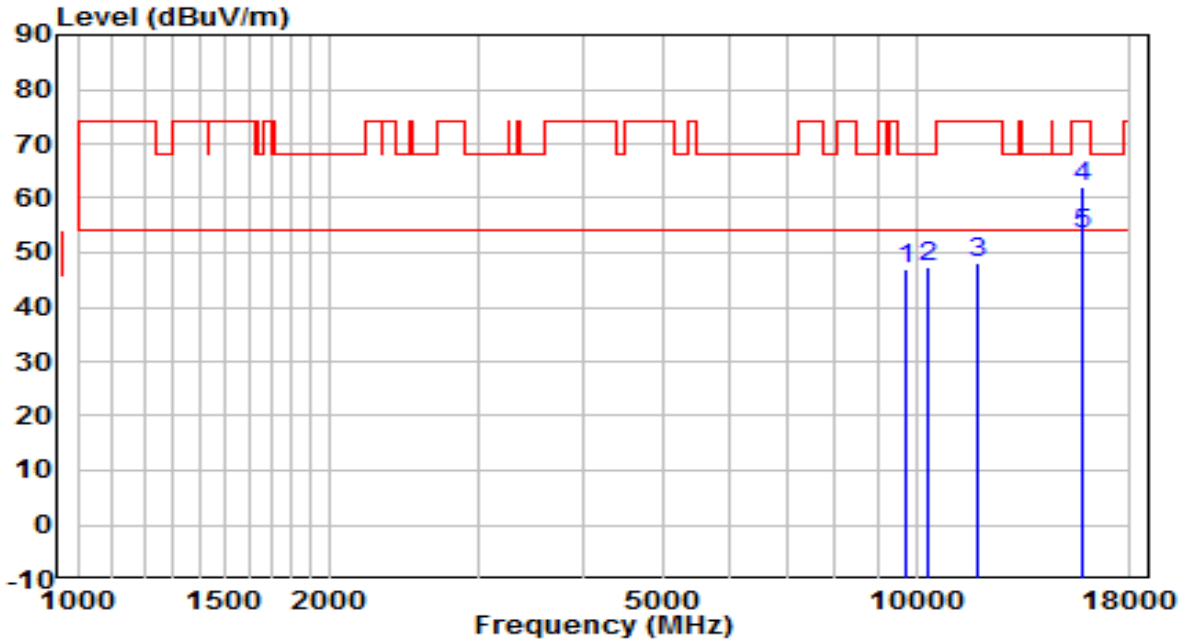


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9729.500	31.23	16.11	47.33	-20.87	68.20	Peak
2		10477.500	29.61	18.48	48.09	-20.11	68.20	Peak
3		11531.500	28.17	19.98	48.15	-25.85	74.00	Peak
4		15722.000	38.85	20.80	59.65	-14.35	74.00	Peak
5	*	15722.000	30.46	20.80	51.26	-2.74	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5240MHz	Test Voltage	AC 120V/60Hz

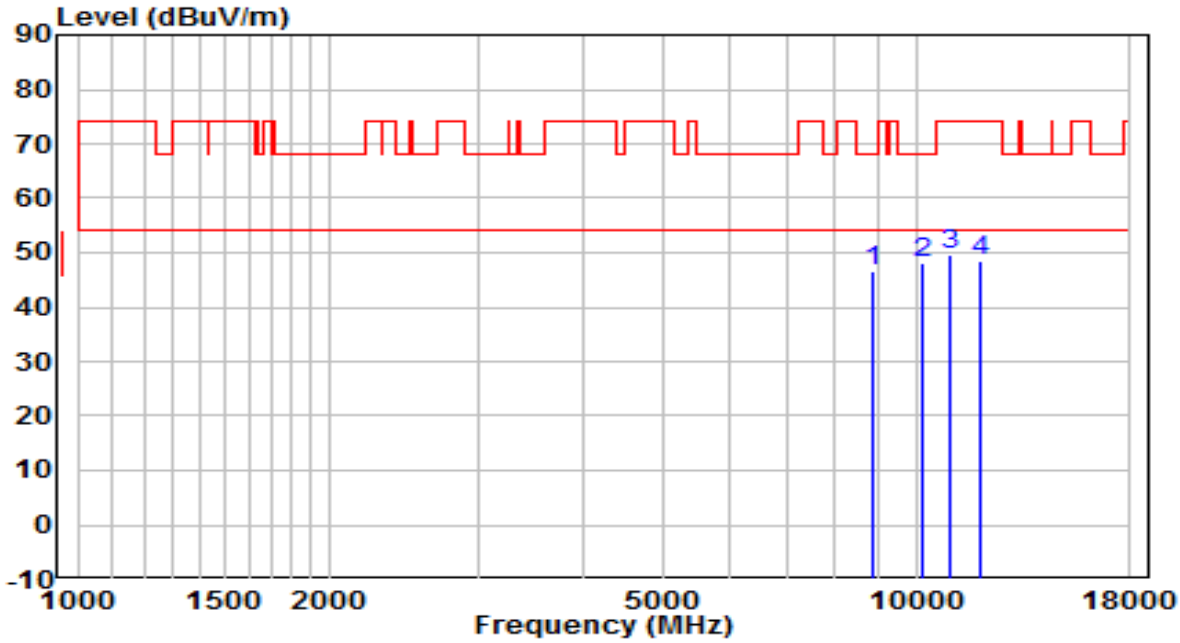


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9695.500	31.09	16.05	47.14	-21.06	68.20	Peak
2		10299.000	29.76	17.76	47.53	-20.67	68.20	Peak
3		11803.500	28.90	19.36	48.27	-25.73	74.00	Peak
4		15730.500	41.38	20.78	62.15	-11.85	74.00	Peak
5	*	15730.500	32.77	20.78	53.55	-0.45	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5260MHz	Test Voltage	AC 120V/60Hz

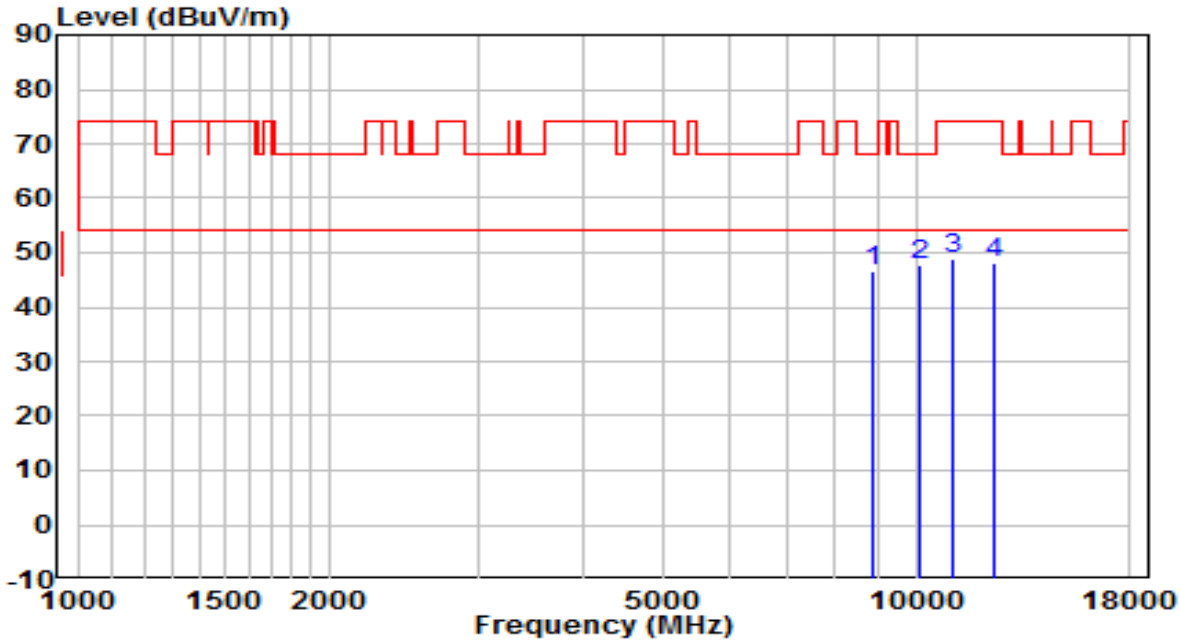


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.23	14.54	46.77	-21.43	68.20	Peak
2	*	10171.500	30.78	17.25	48.03	-20.17	68.20	Peak
3		10962.000	30.25	19.23	49.48	-24.52	74.00	Peak
4		11948.000	29.64	19.04	48.68	-25.32	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5260MHz	Test Voltage	AC 120V/60Hz

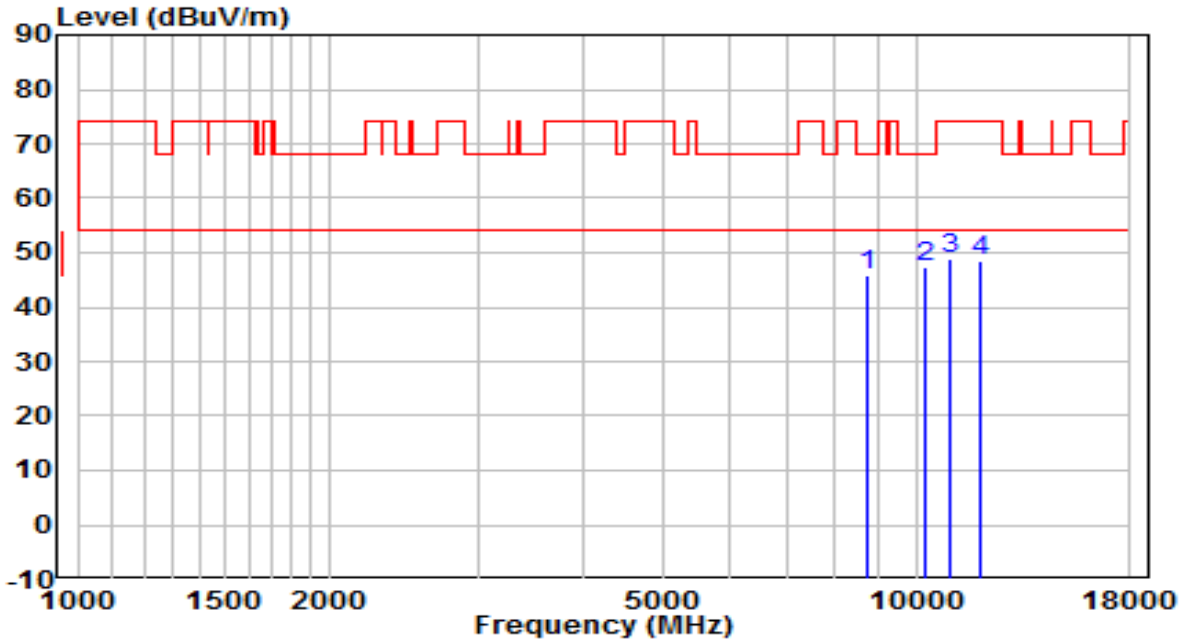


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8871.000	31.90	14.56	46.47	-21.73	68.20	Peak
2	*	10078.000	30.69	16.87	47.57	-20.63	68.20	Peak
3		11098.000	29.51	19.43	48.94	-25.06	74.00	Peak
4		12381.500	29.62	18.53	48.14	-25.86	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5300MHz	Test Voltage	AC 120V/60Hz

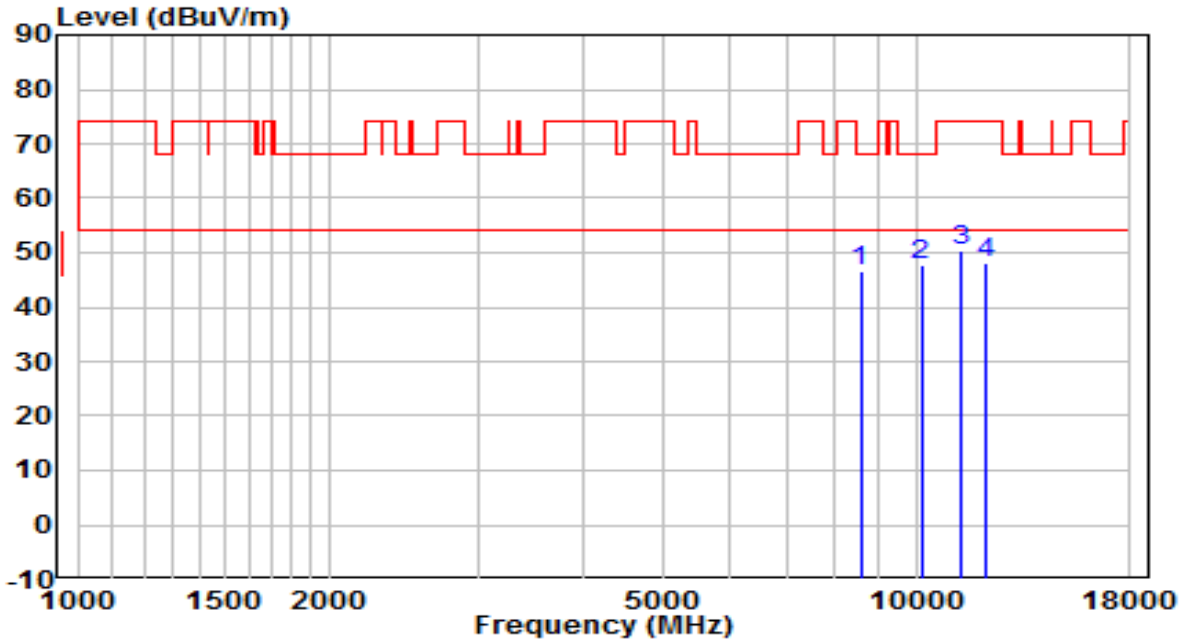


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8769.000	31.45	14.31	45.76	-22.44	68.20	Peak
2	*	10239.500	29.91	17.52	47.43	-20.77	68.20	Peak
3		10979.000	29.51	19.25	48.76	-25.24	74.00	Peak
4		11939.500	29.47	19.06	48.53	-25.47	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5300MHz	Test Voltage	AC 120V/60Hz

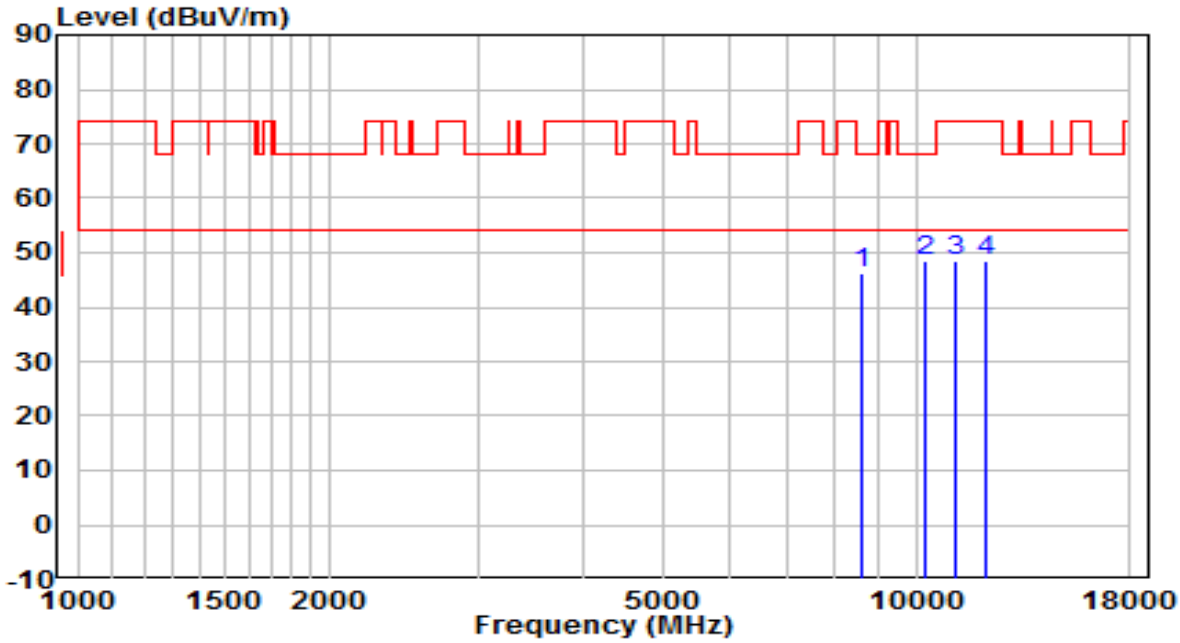


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8582.000	32.91	13.86	46.76	-21.44	68.20	Peak
2	*	10137.500	30.72	17.11	47.84	-20.36	68.20	Peak
3		11344.500	30.43	19.81	50.24	-23.76	74.00	Peak
4		12118.000	29.43	18.80	48.23	-25.77	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

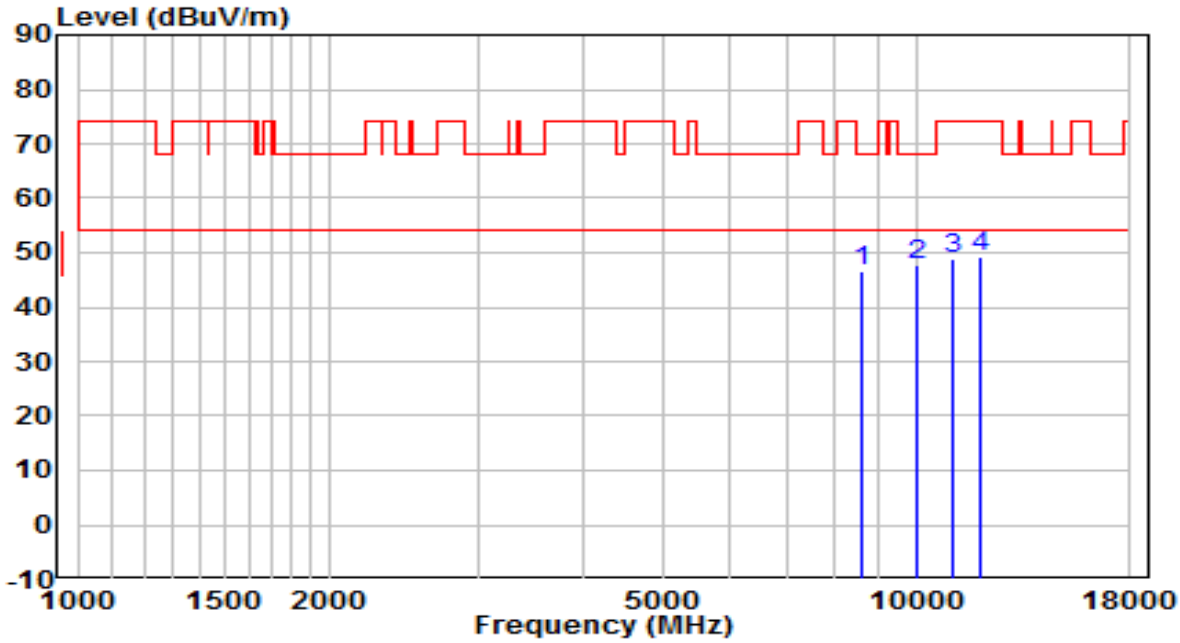


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8641.500	32.20	14.00	46.20	-22.00	68.20	Peak
2	*	10222.500	31.22	17.45	48.67	-19.53	68.20	Peak
3		11132.000	28.85	19.48	48.33	-25.67	74.00	Peak
4		12152.000	29.78	18.76	48.55	-25.45	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

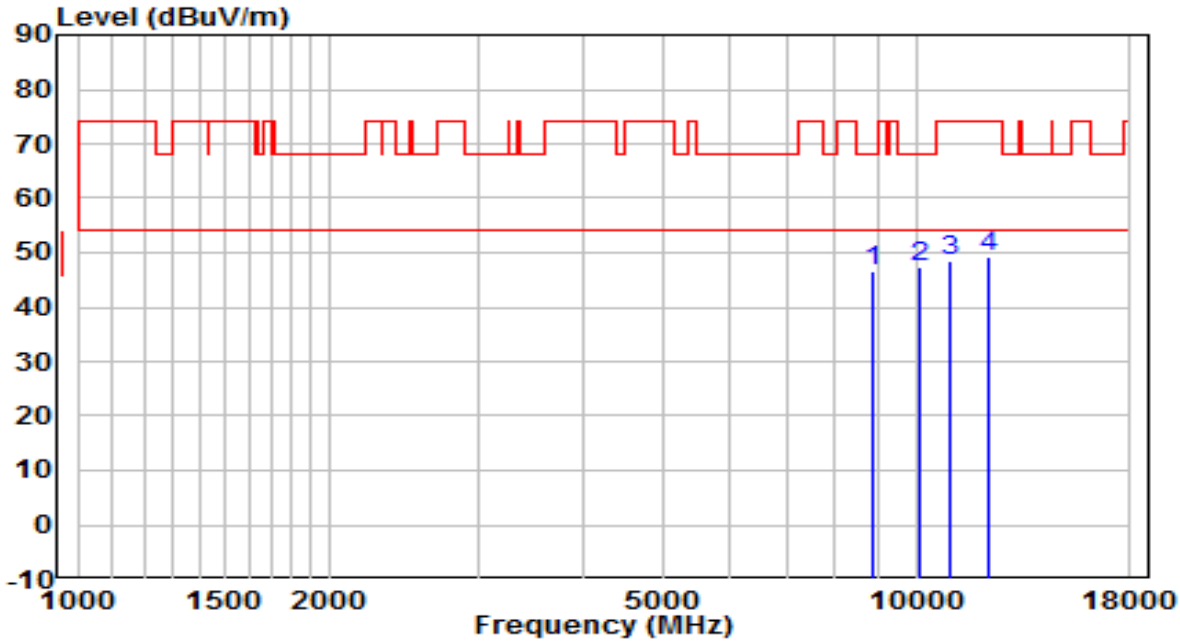


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8607.500	32.70	13.92	46.62	-21.58	68.20	Peak
2	*	10027.000	30.99	16.67	47.66	-20.54	68.20	Peak
3		11064.000	29.62	19.38	49.00	-25.00	74.00	Peak
4		11888.500	29.92	19.17	49.09	-24.91	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

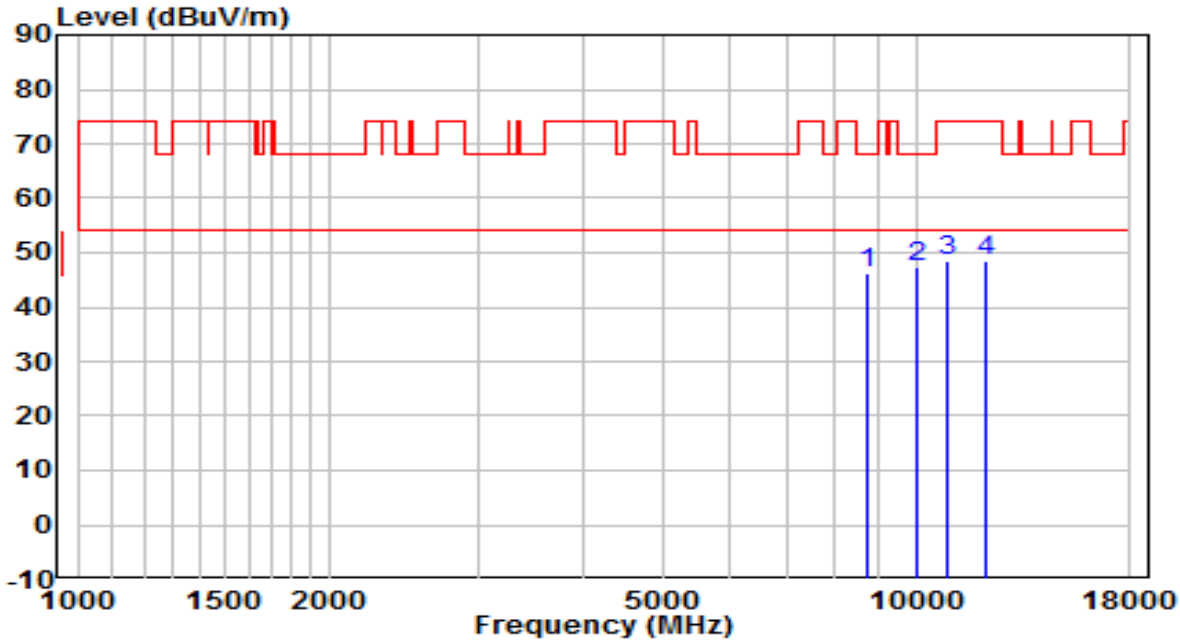


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8862.500	32.10	14.54	46.64	-21.56	68.20	Peak
2	*	10103.500	30.52	16.98	47.49	-20.71	68.20	Peak
3		10979.000	29.32	19.25	48.57	-25.43	74.00	Peak
4		12160.500	30.49	18.75	49.24	-24.76	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

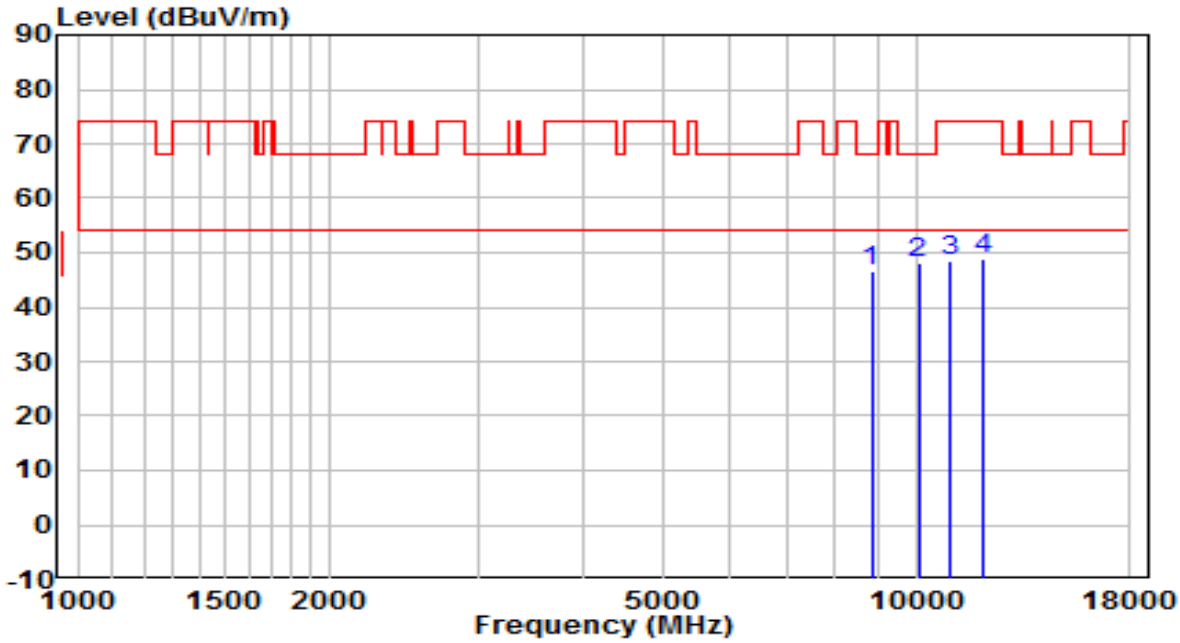


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8735.000	31.85	14.23	46.08	-22.12	68.20	Peak
2	*	10018.500	30.71	16.63	47.34	-20.86	68.20	Peak
3		10885.500	29.46	19.12	48.58	-25.42	74.00	Peak
4		12143.500	29.54	18.77	48.31	-25.69	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5580MHz	Test Voltage	AC 120V/60Hz

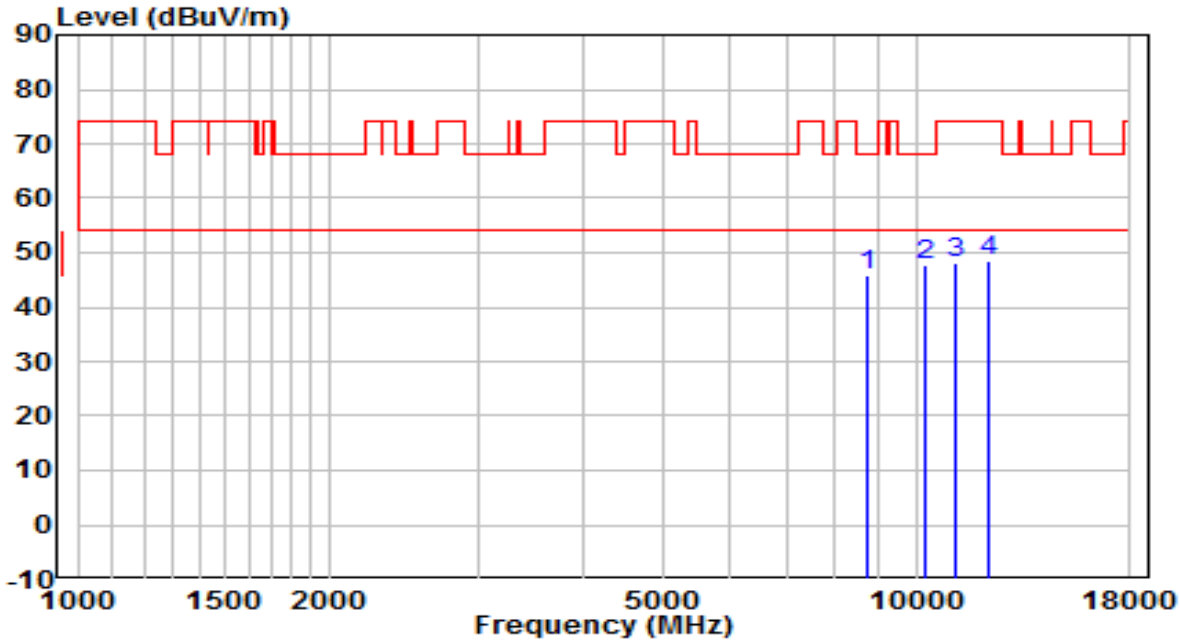


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8845.500	32.09	14.50	46.59	-21.61	68.20	Peak
2	*	10061.000	31.16	16.81	47.96	-20.24	68.20	Peak
3		10953.500	29.42	19.21	48.63	-25.37	74.00	Peak
4		11990.500	29.85	18.94	48.79	-25.21	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5580MHz	Test Voltage	AC 120V/60Hz

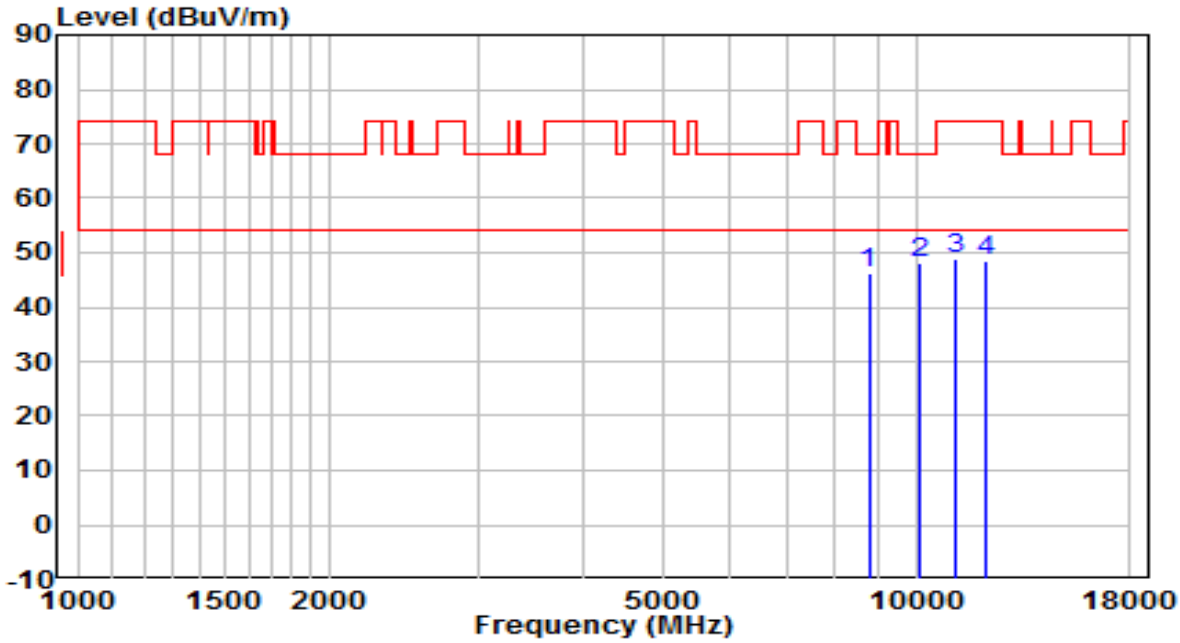


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8718.000	31.51	14.19	45.70	-22.50	68.20	Peak
2	*	10248.000	30.22	17.56	47.78	-20.42	68.20	Peak
3		11132.000	28.78	19.48	48.26	-25.74	74.00	Peak
4		12237.000	29.87	18.68	48.55	-25.45	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz

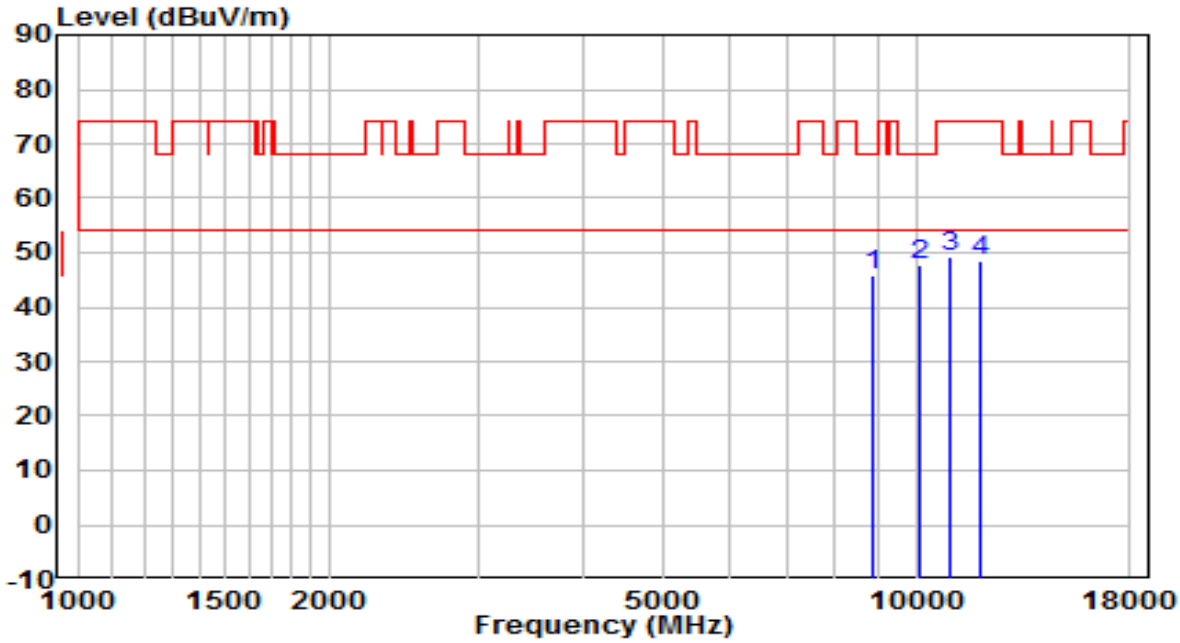


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	31.95	14.33	46.29	-21.91	68.20	Peak
2	*	10120.500	31.11	17.04	48.15	-20.05	68.20	Peak
3		11132.000	29.28	19.48	48.77	-25.23	74.00	Peak
4		12067.000	29.57	18.85	48.42	-25.58	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz

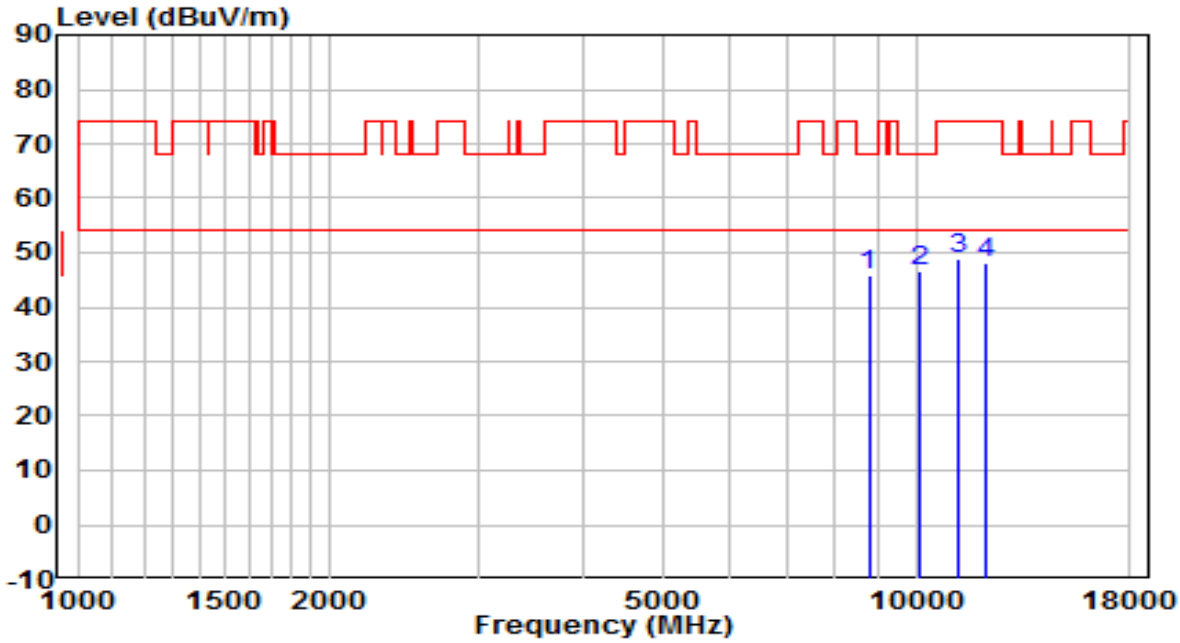


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8879.500	31.11	14.58	45.69	-22.51	68.20	Peak
2	*	10129.000	30.70	17.08	47.78	-20.42	68.20	Peak
3		10936.500	30.06	19.19	49.25	-24.75	74.00	Peak
4		11948.000	29.35	19.04	48.39	-25.61	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5720MHz	Test Voltage	AC 120V/60Hz

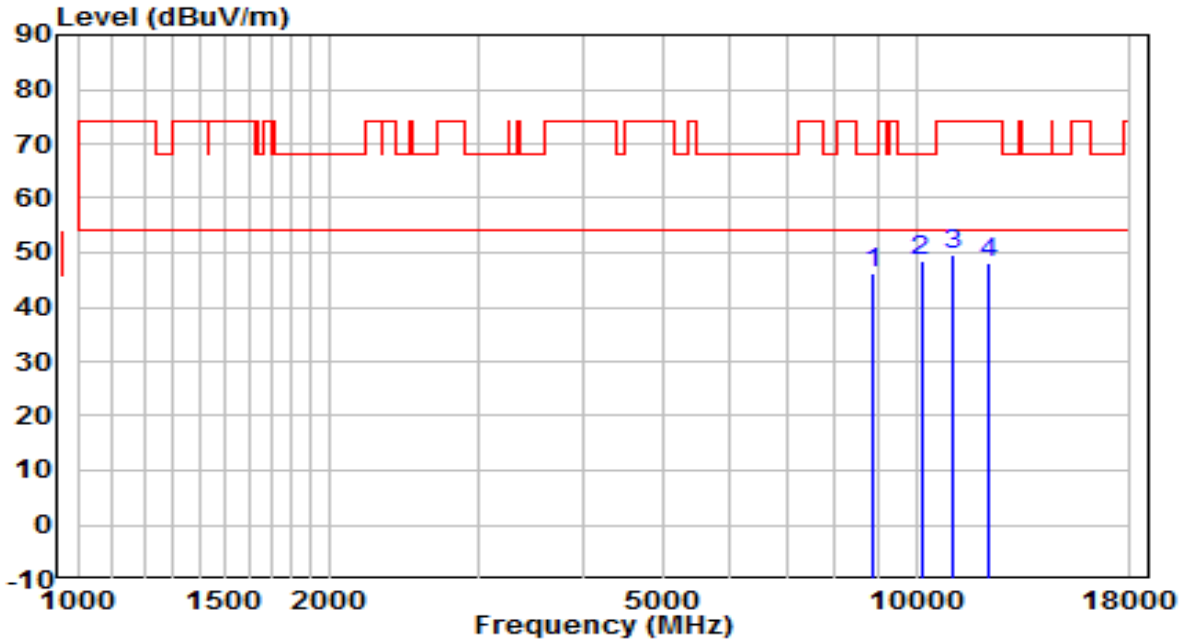


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8777.500	31.51	14.33	45.84	-22.36	68.20	Peak
2	*	10129.000	29.68	17.08	46.76	-21.44	68.20	Peak
3		11242.500	29.06	19.65	48.71	-25.29	74.00	Peak
4		12143.500	29.46	18.77	48.23	-25.77	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5720MHz	Test Voltage	AC 120V/60Hz

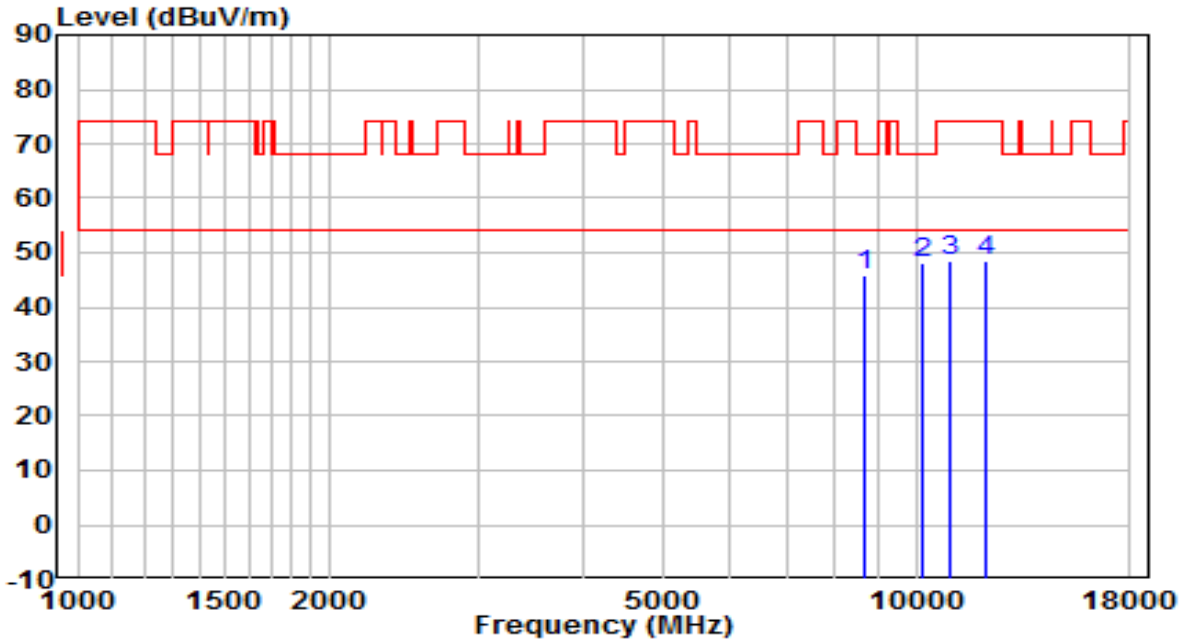


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8854.000	31.65	14.52	46.17	-22.03	68.20	Peak
2	*	10137.500	31.21	17.11	48.32	-19.88	68.20	Peak
3		11021.500	30.24	19.31	49.56	-24.44	74.00	Peak
4		12186.000	29.39	18.73	48.11	-25.89	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz

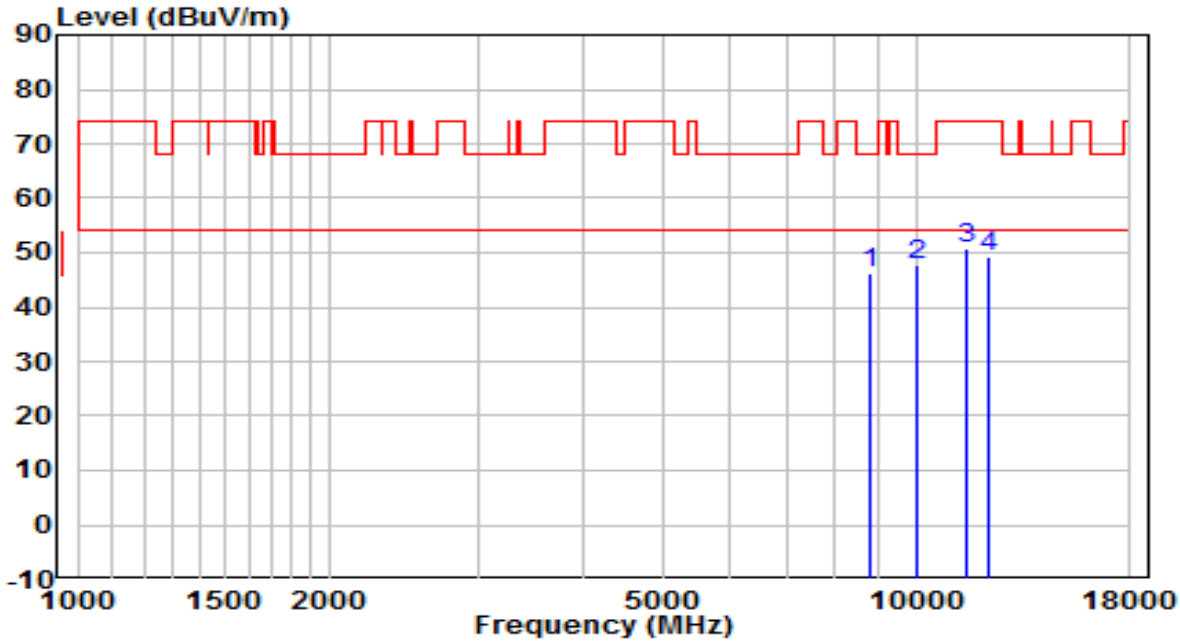


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8667.000	31.91	14.06	45.97	-22.23	68.20	Peak
2	*	10205.500	30.69	17.39	48.07	-20.13	68.20	Peak
3		10953.500	29.33	19.21	48.55	-25.45	74.00	Peak
4		12092.500	29.51	18.82	48.33	-25.67	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz

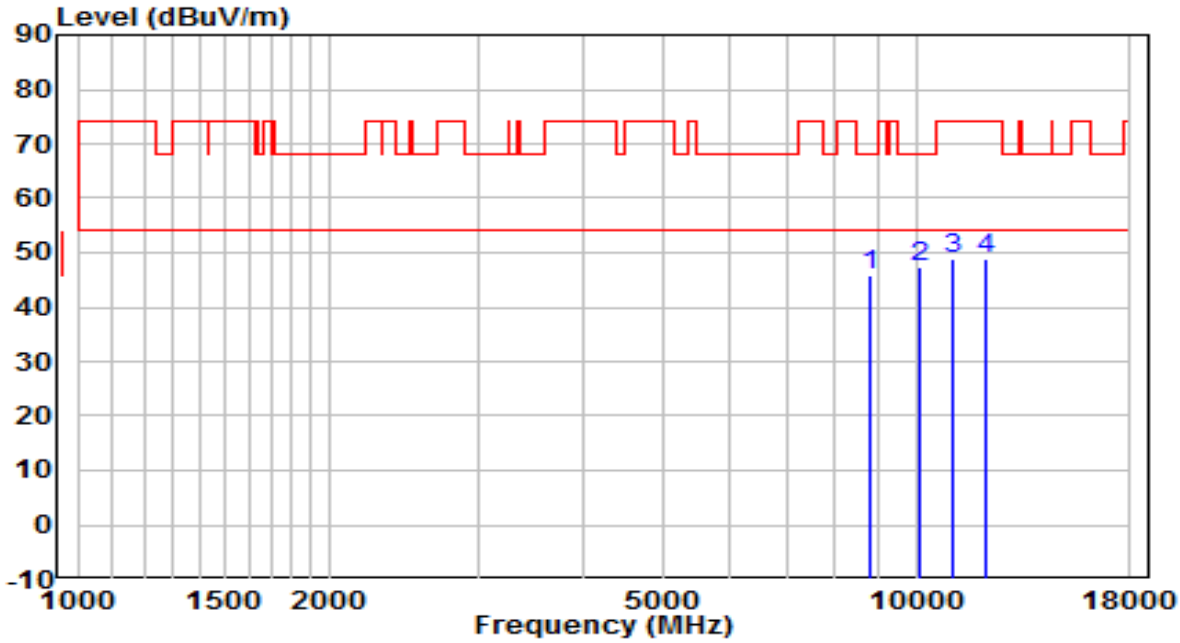


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8837.000	31.69	14.48	46.17	-22.03	68.20	Peak
2	*	10018.500	30.92	16.63	47.56	-20.64	68.20	Peak
3		11489.000	30.83	20.03	50.86	-23.14	74.00	Peak
4		12160.500	30.58	18.75	49.33	-24.67	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5785MHz	Test Voltage	AC 120V/60Hz

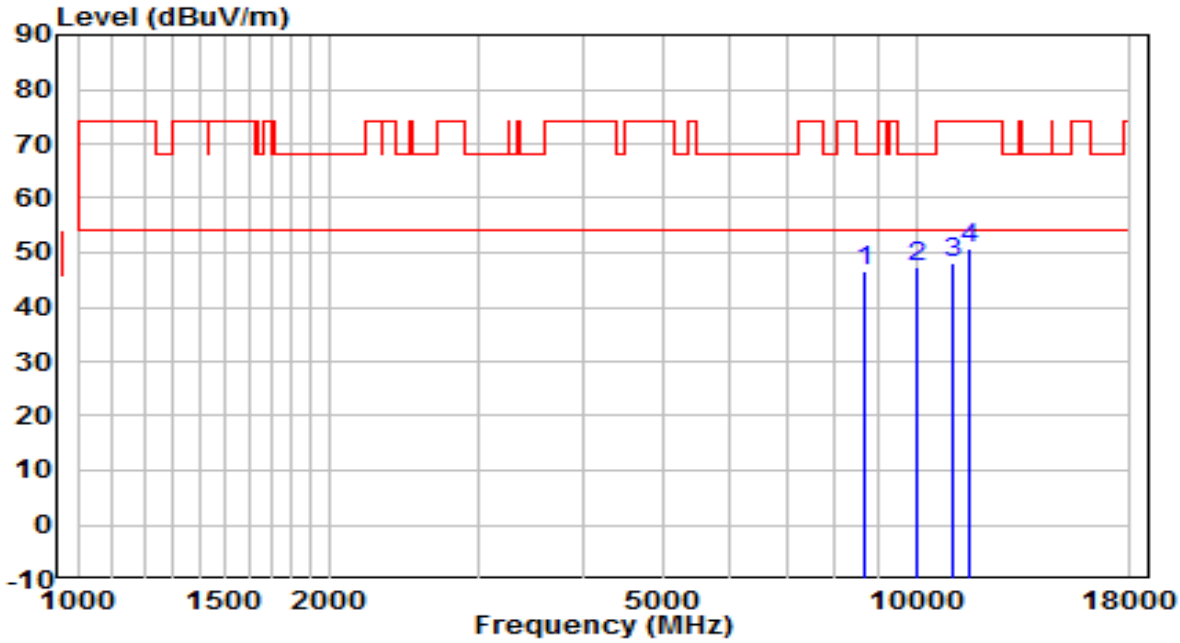


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8811.500	31.40	14.42	45.81	-22.39	68.20	Peak
2	*	10069.500	30.68	16.84	47.52	-20.68	68.20	Peak
3		11064.000	29.31	19.38	48.69	-25.31	74.00	Peak
4		12067.000	30.16	18.85	49.02	-24.98	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5785MHz	Test Voltage	AC 120V/60Hz

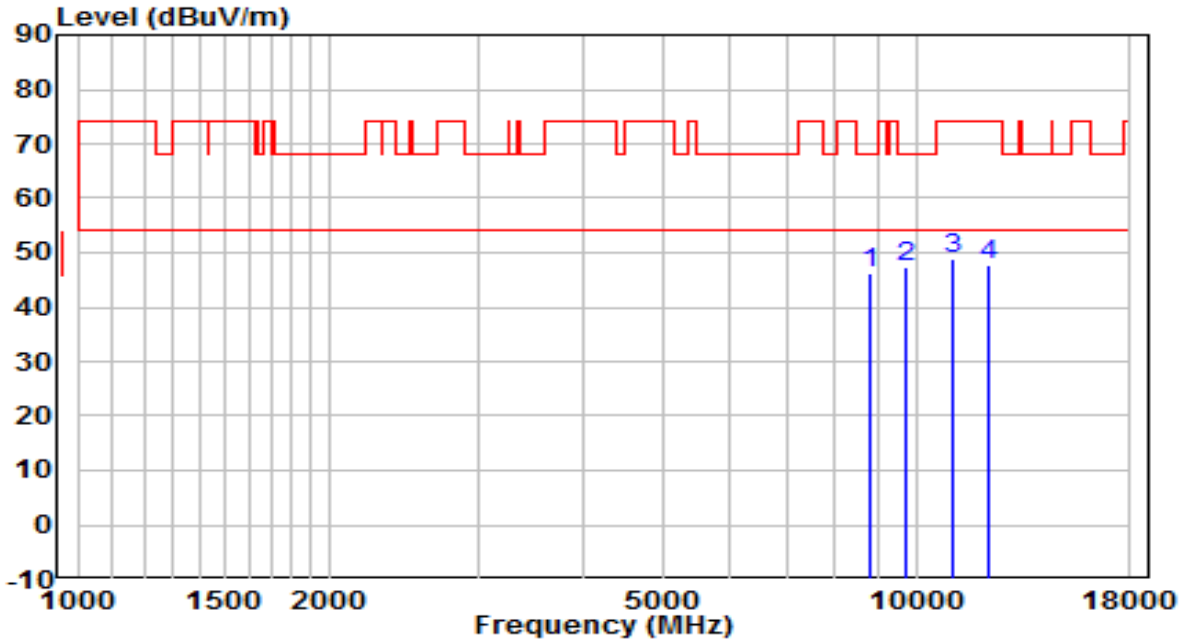


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8667.000	32.65	14.06	46.71	-21.49	68.20	Peak
2	*	10010.000	30.67	16.60	47.27	-20.93	68.20	Peak
3		11038.500	28.61	19.34	47.94	-26.06	74.00	Peak
4		11565.500	30.84	19.90	50.74	-23.26	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz

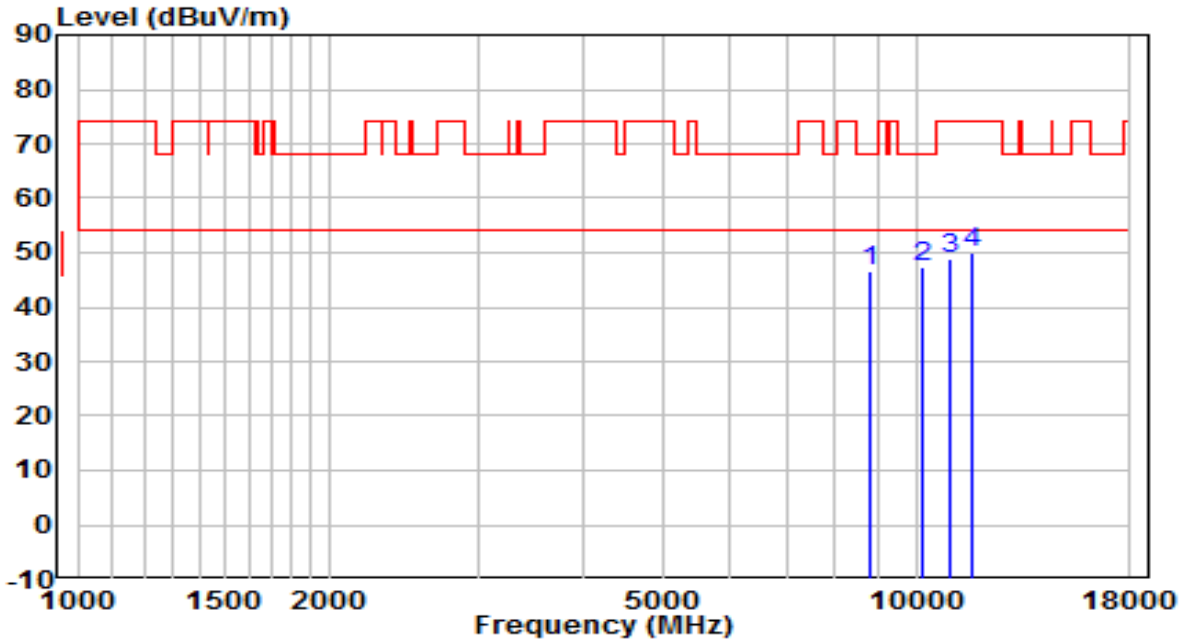


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8837.000	31.68	14.48	46.16	-22.04	68.20	Peak
2	*	9729.500	31.28	16.11	47.39	-20.81	68.20	Peak
3		11030.000	29.43	19.33	48.75	-25.25	74.00	Peak
4		12160.500	29.01	18.75	47.76	-26.24	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz

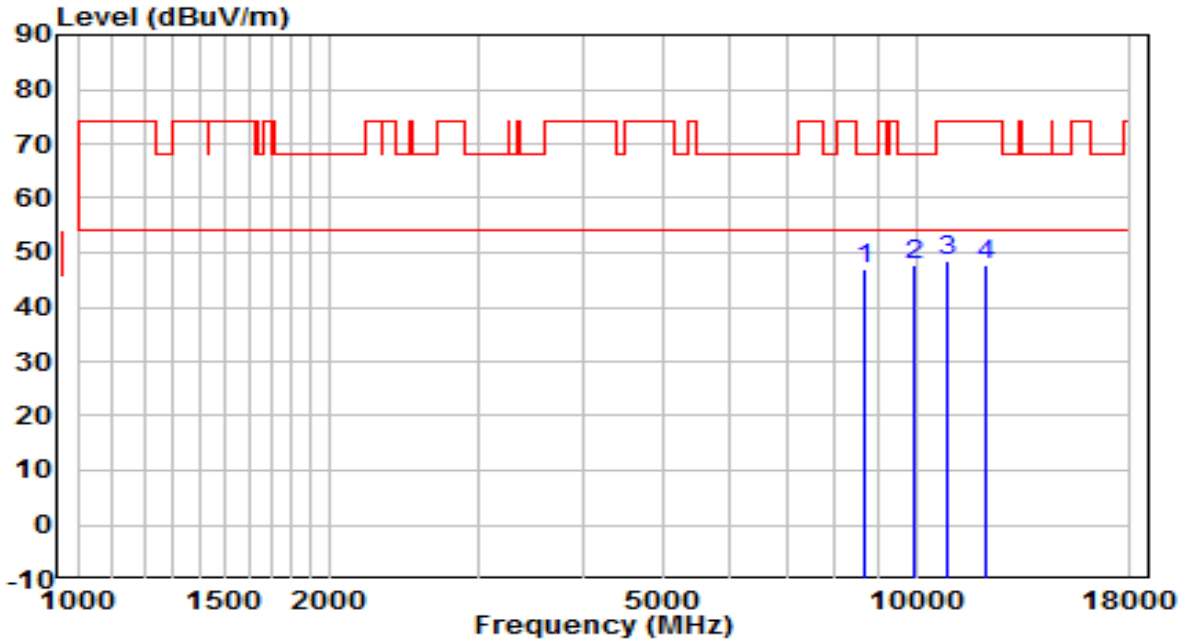


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8828.500	32.02	14.46	46.48	-21.72	68.20	Peak
2	*	10180.000	30.09	17.28	47.37	-20.83	68.20	Peak
3		10970.500	29.51	19.24	48.75	-25.25	74.00	Peak
4		11650.500	30.13	19.71	49.84	-24.16	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

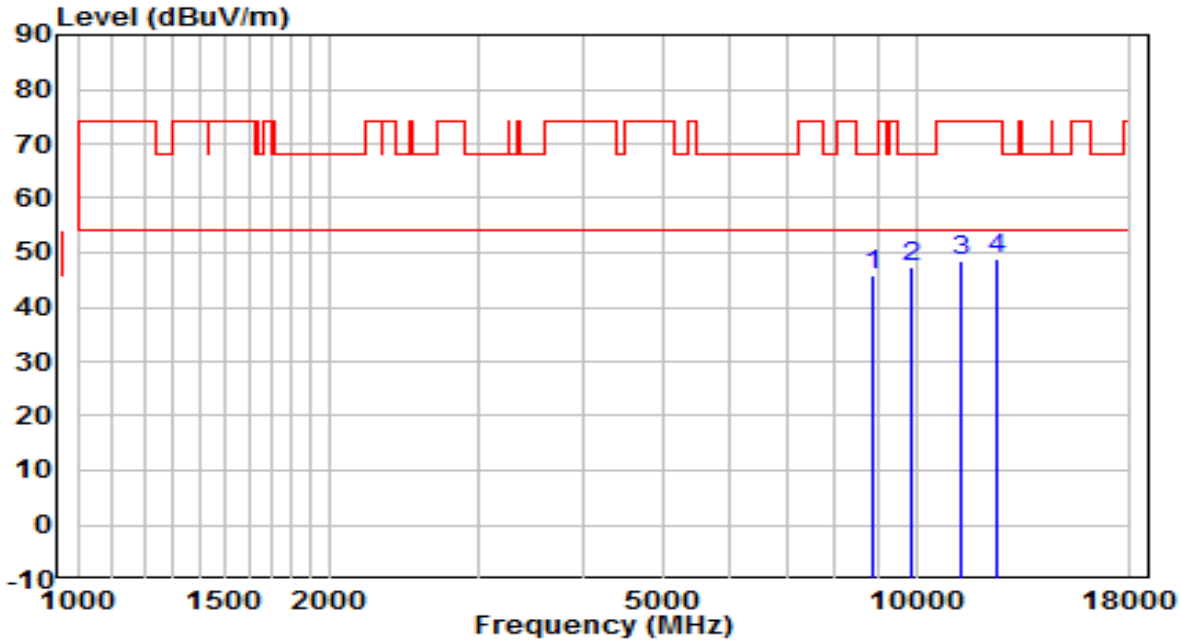


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8667.000	32.77	14.06	46.84	-21.37	68.20	Peak
2	*	9976.000	31.34	16.52	47.86	-20.34	68.20	Peak
3		10885.500	29.37	19.12	48.49	-25.51	74.00	Peak
4		12135.000	29.14	18.78	47.92	-26.08	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

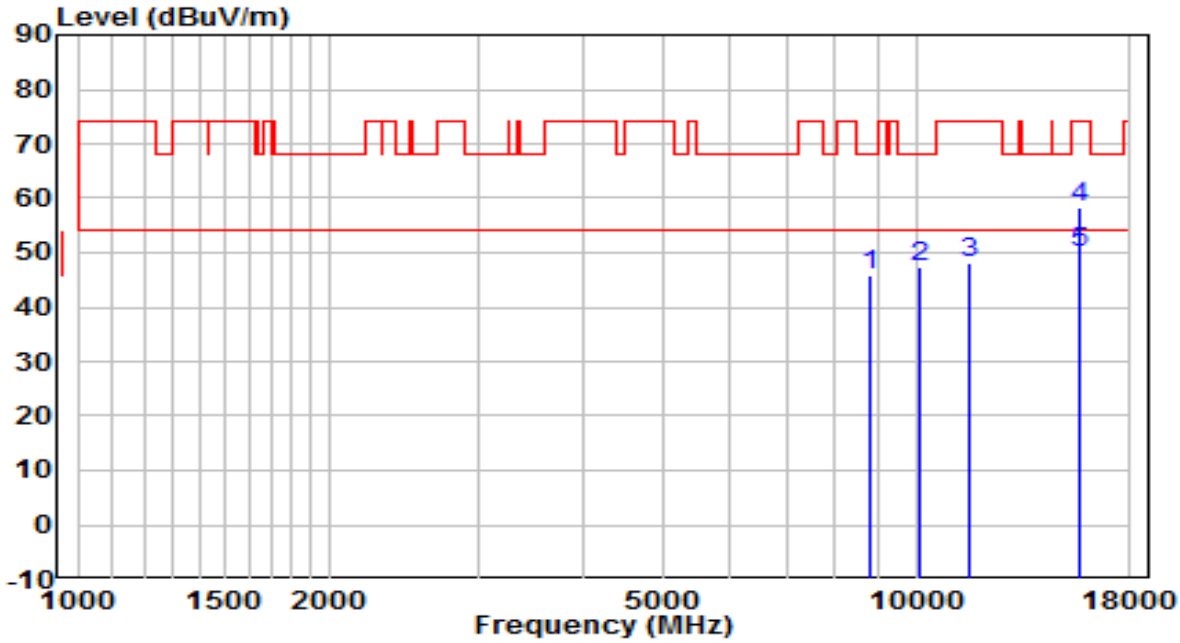


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8854.000	31.28	14.52	45.80	-22.40	68.20	Peak
2	*	9899.500	30.96	16.39	47.35	-20.85	68.20	Peak
3		11310.500	28.91	19.76	48.67	-25.33	74.00	Peak
4		12441.000	30.37	18.47	48.83	-25.17	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5230MHz	Test Voltage	AC 120V/60Hz

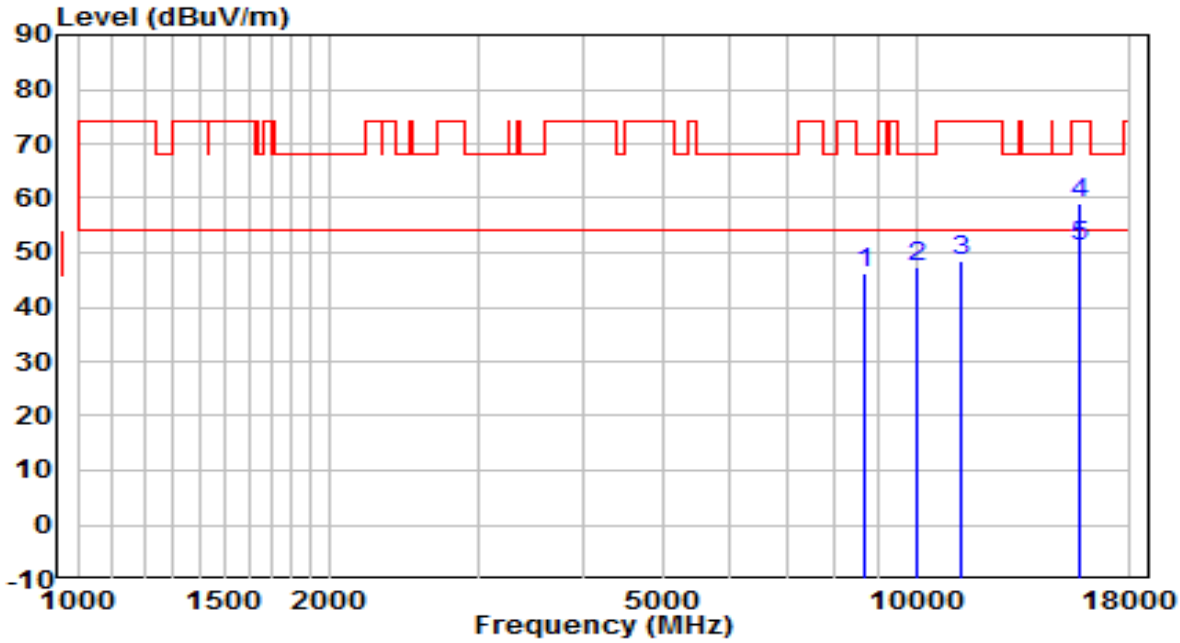


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8820.000	31.36	14.44	45.80	-22.40	68.20	Peak
2		10129.000	30.15	17.08	47.23	-20.97	68.20	Peak
3		11540.000	27.98	19.96	47.94	-26.06	74.00	Peak
4		15688.000	37.43	20.88	58.31	-15.69	74.00	Peak
5	*	15688.000	29.20	20.88	50.08	-3.92	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5230MHz	Test Voltage	AC 120V/60Hz

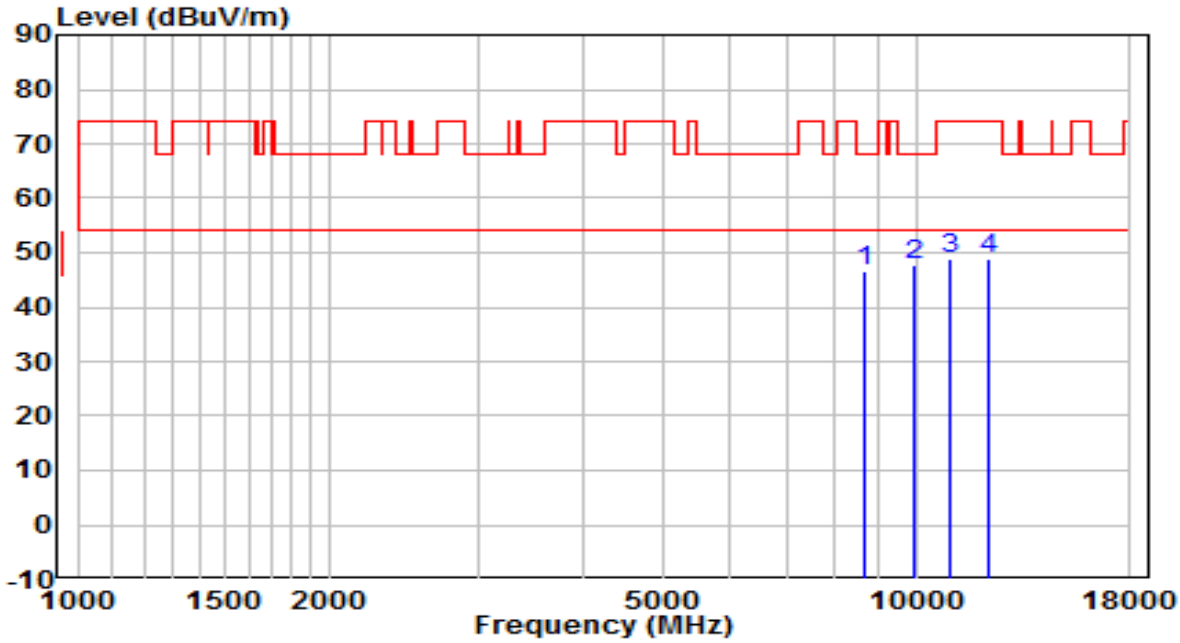


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8692.500	32.12	14.13	46.24	-21.96	68.20	Peak
2		10035.500	30.83	16.70	47.53	-20.67	68.20	Peak
3		11336.000	28.53	19.80	48.33	-25.67	74.00	Peak
4		15688.000	38.20	20.88	59.08	-14.92	74.00	Peak
5	*	15688.000	30.14	20.88	51.02	-2.98	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5270MHz	Test Voltage	AC 120V/60Hz

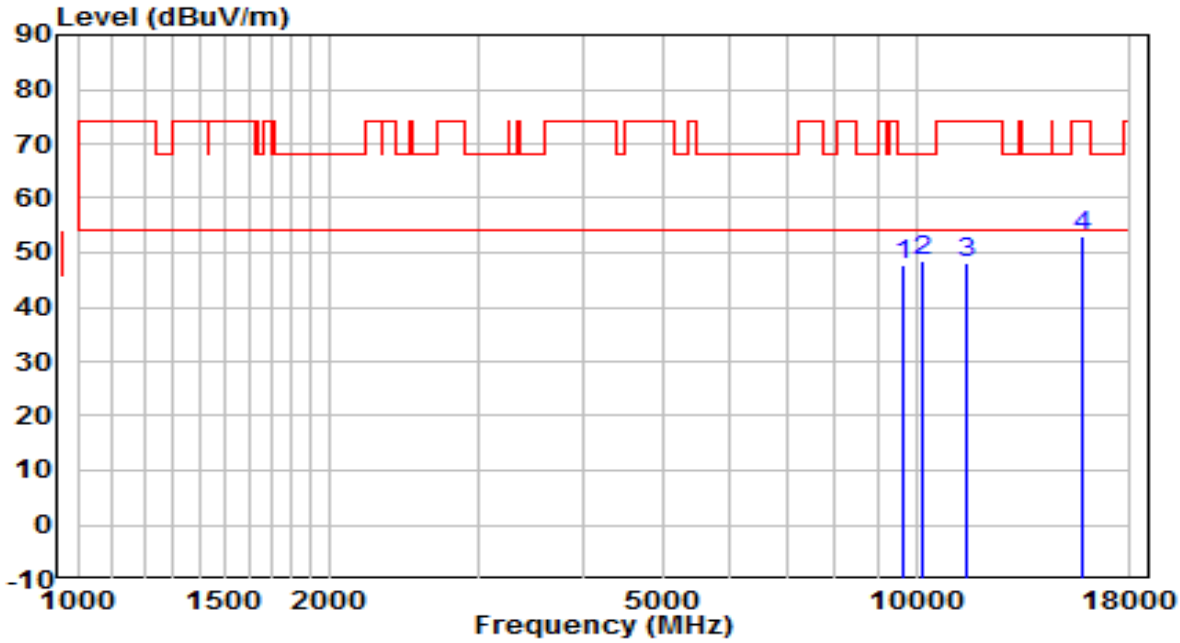


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8650.000	32.42	14.02	46.44	-21.76	68.20	Peak
2	*	9925.000	31.26	16.43	47.70	-20.50	68.20	Peak
3		10962.000	29.58	19.23	48.81	-25.19	74.00	Peak
4		12194.500	30.23	18.72	48.95	-25.05	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5270MHz	Test Voltage	AC 120V/60Hz

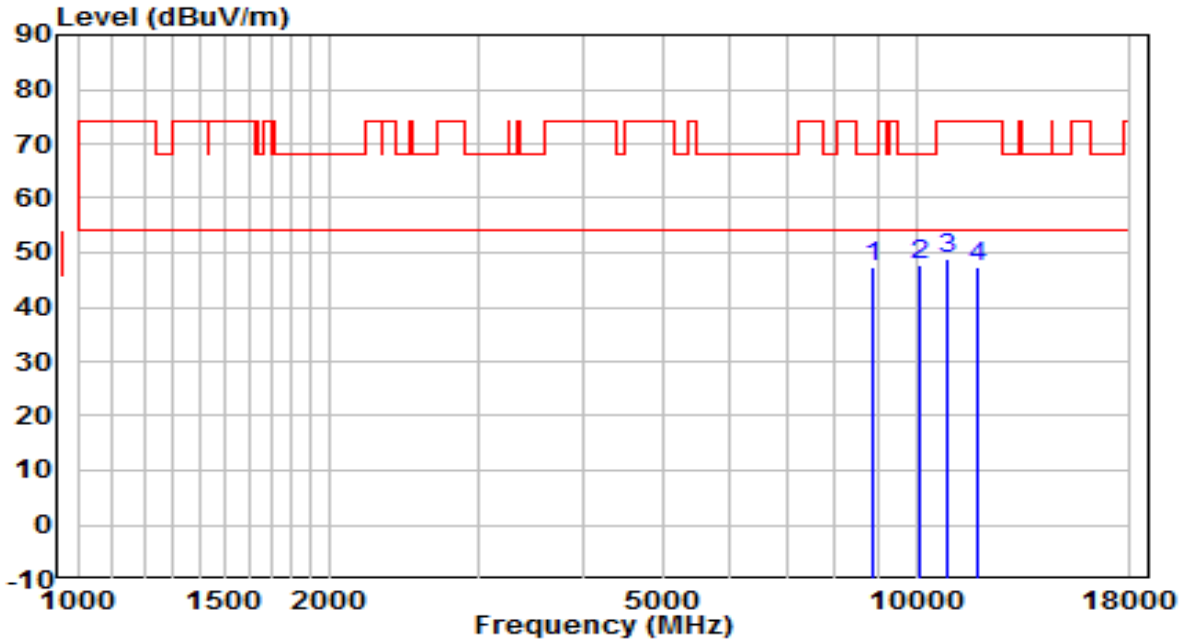


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9678.500	31.87	16.02	47.89	-20.31	68.20	Peak
2	*	10180.000	31.12	17.28	48.41	-19.79	68.20	Peak
3		11523.000	28.01	20.00	48.00	-26.00	74.00	Peak
4		15815.500	32.35	20.57	52.92	-21.09	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

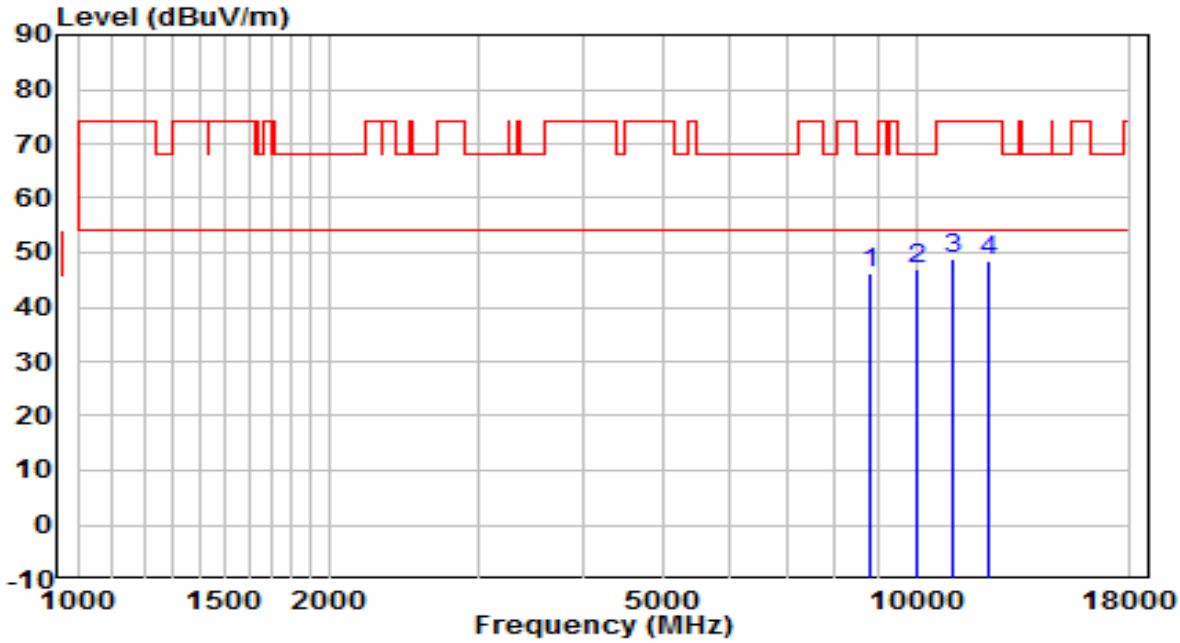


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8879.500	32.76	14.58	47.35	-20.85	68.20	Peak
2	*	10129.000	30.74	17.08	47.81	-20.39	68.20	Peak
3		10902.500	29.66	19.14	48.80	-25.20	74.00	Peak
4		11854.500	28.20	19.25	47.45	-26.55	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

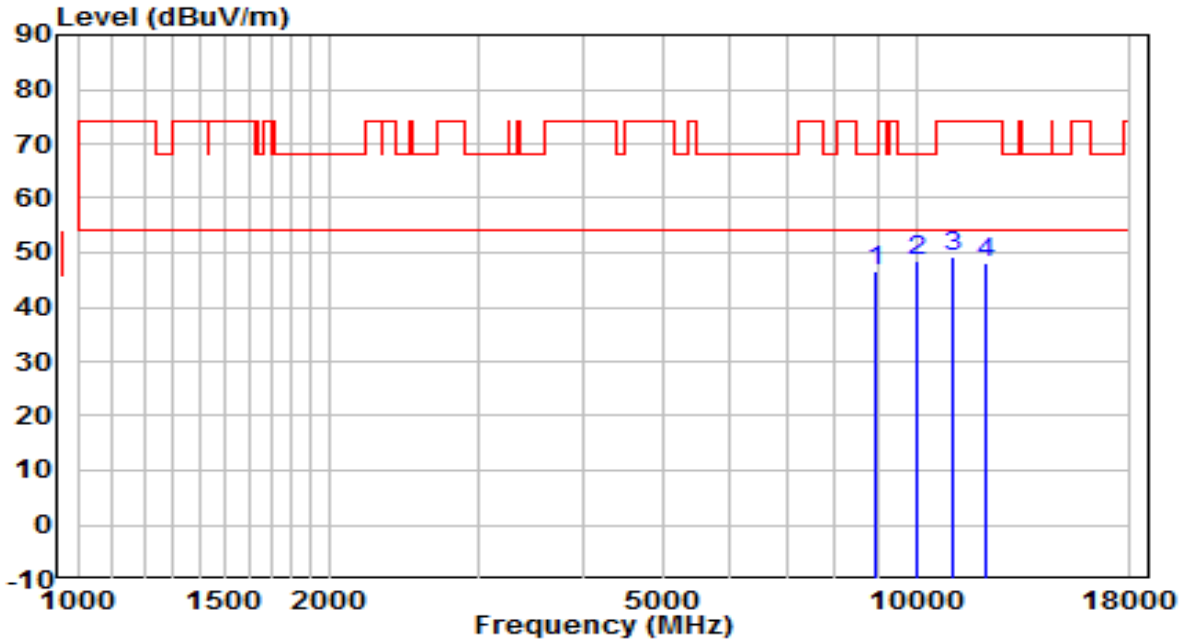


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8794.500	31.76	14.38	46.14	-22.06	68.20	Peak
2	*	10001.500	30.49	16.57	47.05	-21.15	68.20	Peak
3		11072.500	29.30	19.39	48.69	-25.31	74.00	Peak
4		12169.000	29.69	18.75	48.44	-25.56	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

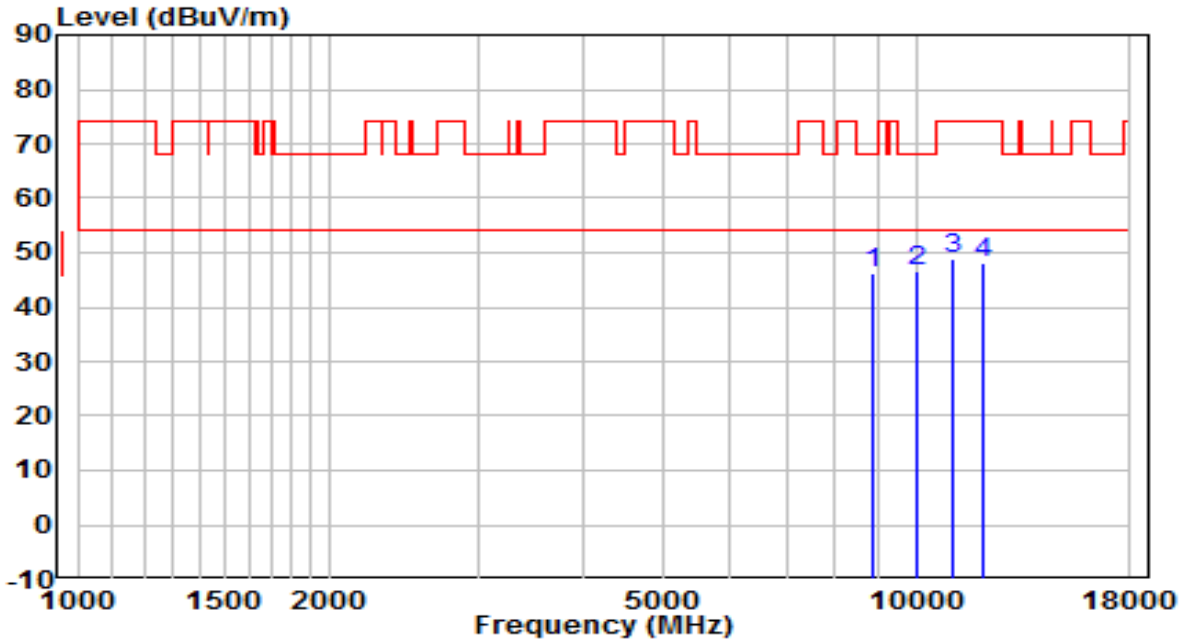


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8947.500	31.78	14.75	46.53	-21.67	68.20	Peak
2	*	10027.000	31.93	16.67	48.60	-19.60	68.20	Peak
3		11072.500	29.97	19.39	49.36	-24.64	74.00	Peak
4		12109.500	29.15	18.81	47.96	-26.04	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

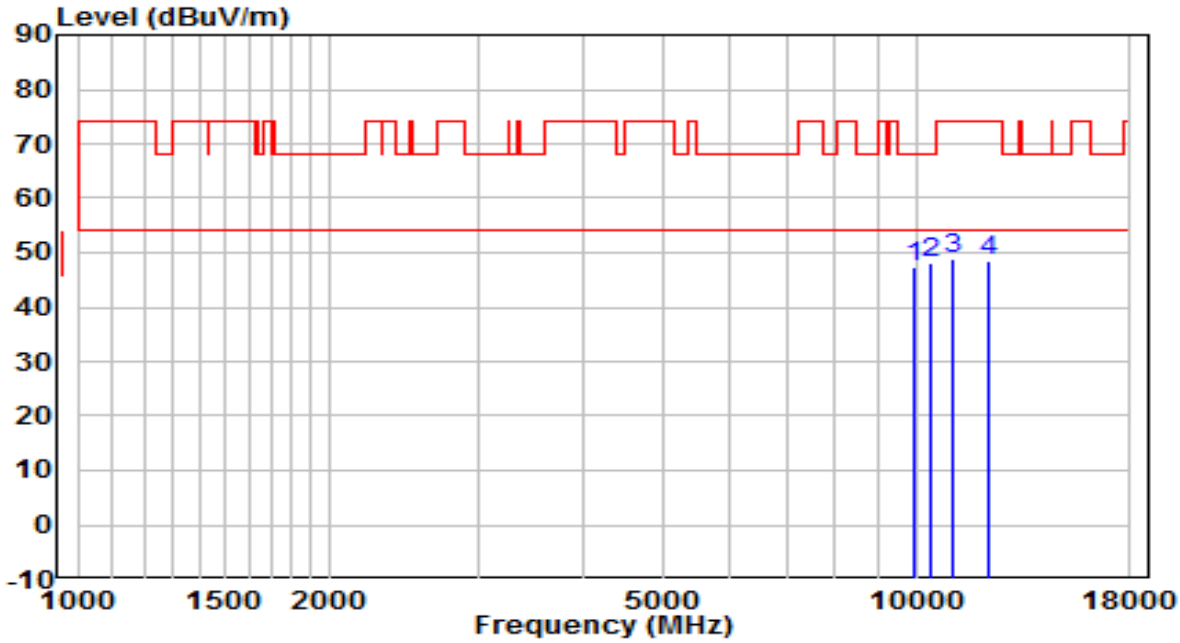


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8854.000	31.75	14.52	46.28	-21.92	68.20	Peak
2	*	10027.000	30.05	16.67	46.72	-21.48	68.20	Peak
3		11021.500	29.66	19.31	48.97	-25.03	74.00	Peak
4		12007.500	29.20	18.91	48.12	-25.88	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5550MHz	Test Voltage	AC 120V/60Hz

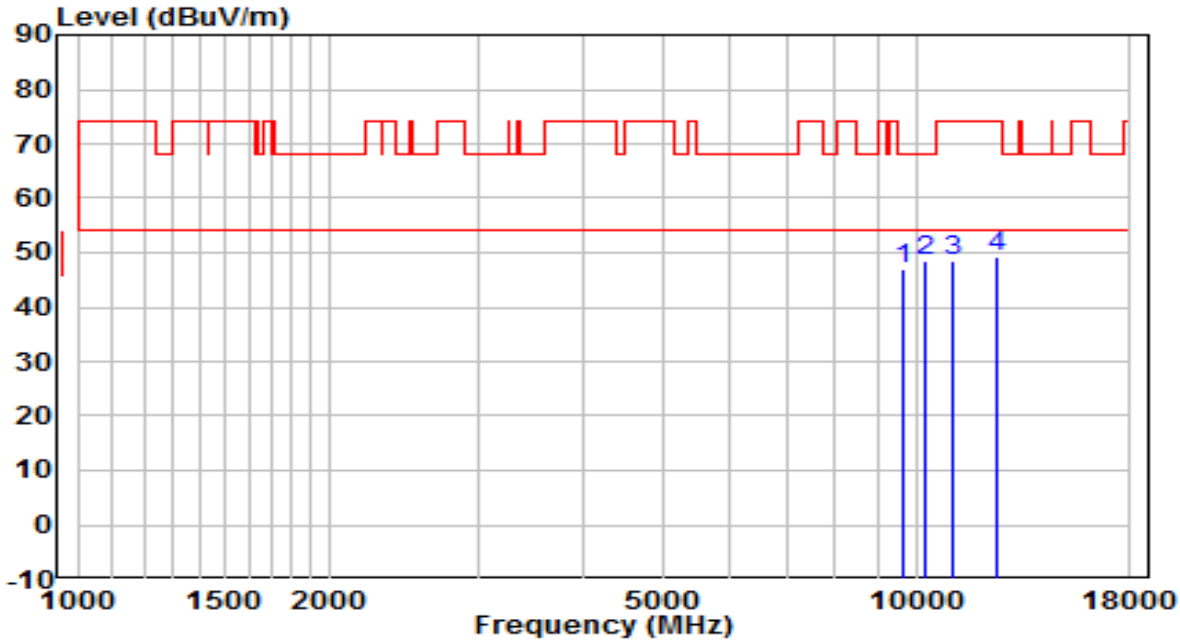


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9916.500	30.83	16.42	47.25	-20.95	68.20	Peak
2	*	10426.500	29.73	18.27	48.01	-20.19	68.20	Peak
3		11098.000	29.46	19.43	48.89	-25.11	74.00	Peak
4		12237.000	29.82	18.68	48.49	-25.51	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5550MHz	Test Voltage	AC 120V/60Hz

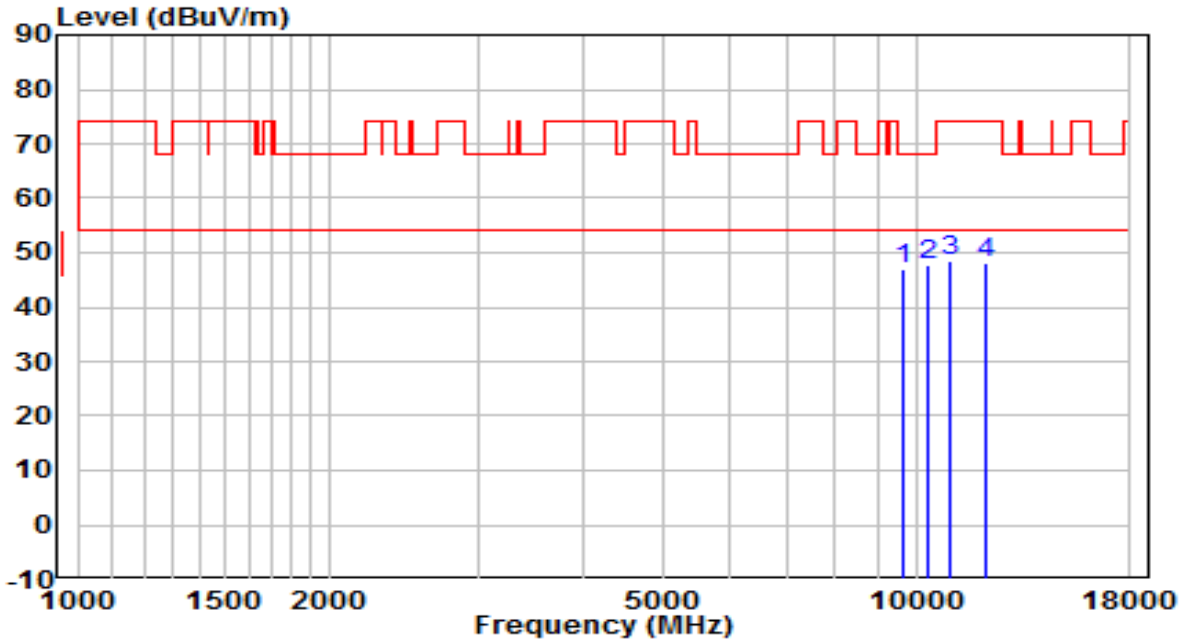


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9636.000	31.04	15.95	46.99	-21.21	68.20	Peak
2	*	10282.000	30.81	17.69	48.50	-19.70	68.20	Peak
3		11098.000	29.08	19.43	48.51	-25.49	74.00	Peak
4		12441.000	30.66	18.47	49.12	-24.88	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz

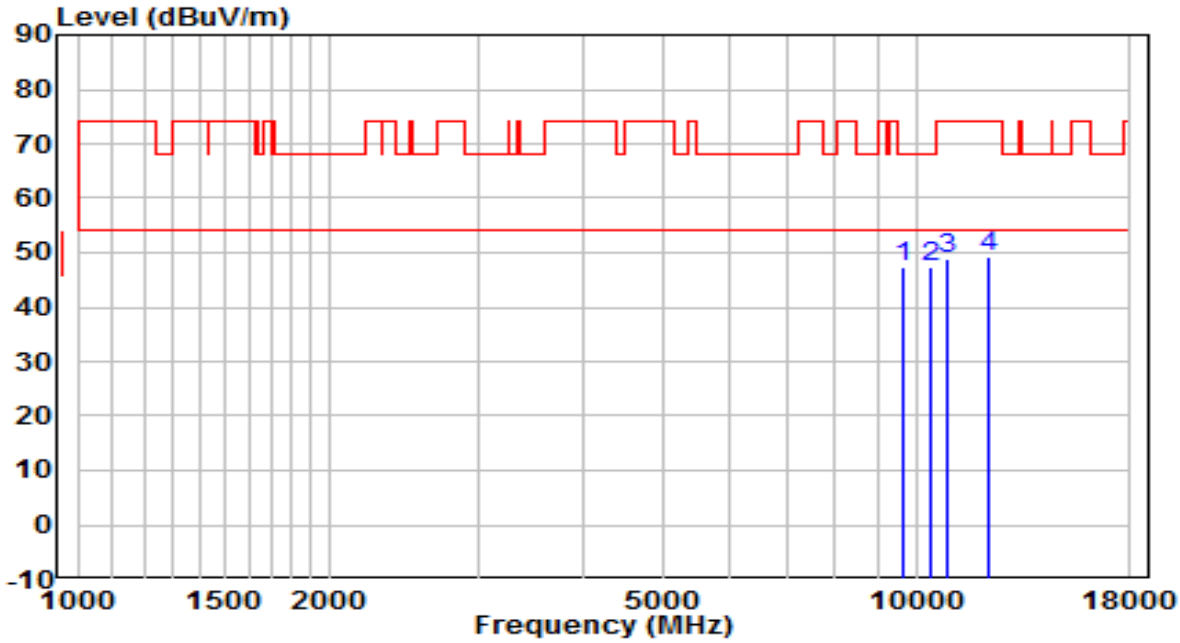


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9653.000	30.87	15.98	46.85	-21.35	68.20	Peak
2	*	10341.500	29.93	17.93	47.87	-20.33	68.20	Peak
3		10970.500	29.36	19.24	48.60	-25.40	74.00	Peak
4		12126.500	29.46	18.79	48.25	-25.75	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz

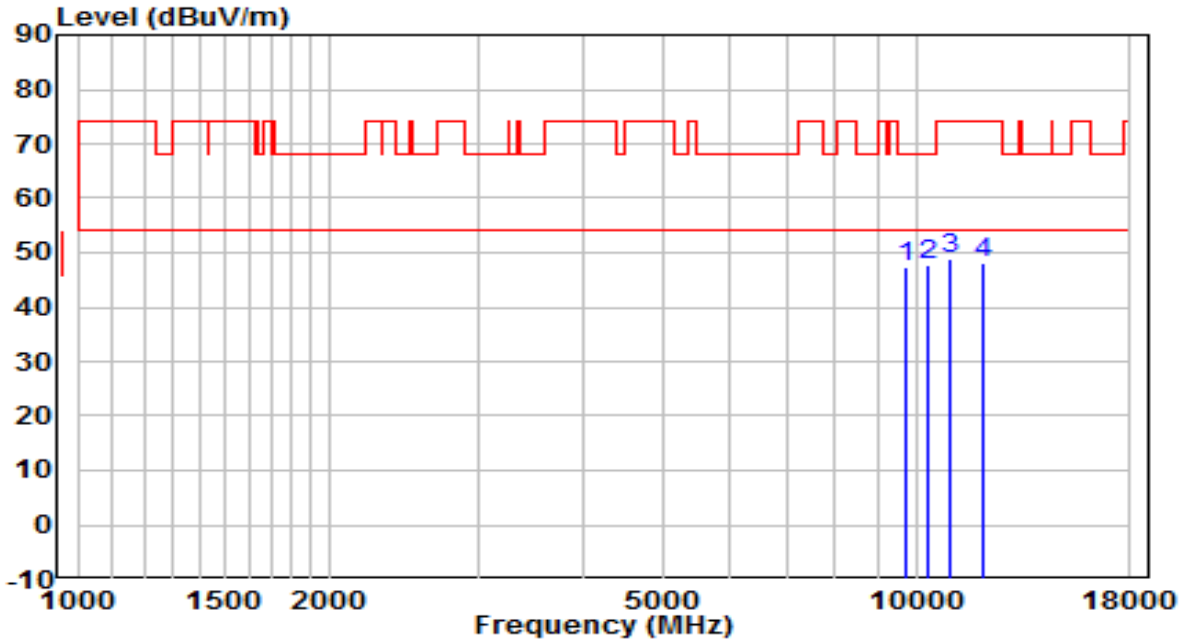


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9636.000	31.35	15.95	47.30	-20.90	68.20	Peak
2	*	10392.500	29.29	18.14	47.43	-20.77	68.20	Peak
3		10919.500	29.80	19.17	48.97	-25.03	74.00	Peak
4		12220.000	30.42	18.69	49.11	-24.89	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5710MHz	Test Voltage	AC 120V/60Hz

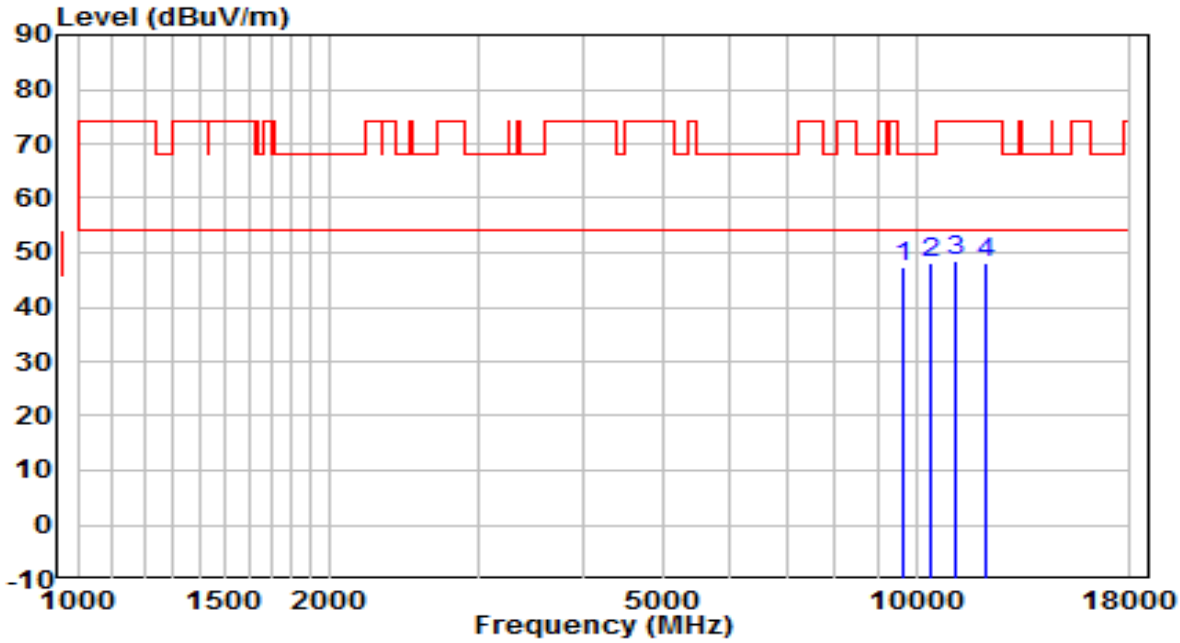


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9729.500	31.15	16.11	47.25	-20.95	68.20	Peak
2	*	10341.500	29.71	17.93	47.64	-20.56	68.20	Peak
3		10970.500	29.60	19.24	48.84	-25.16	74.00	Peak
4		12033.000	29.38	18.89	48.27	-25.73	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5710MHz	Test Voltage	AC 120V/60Hz

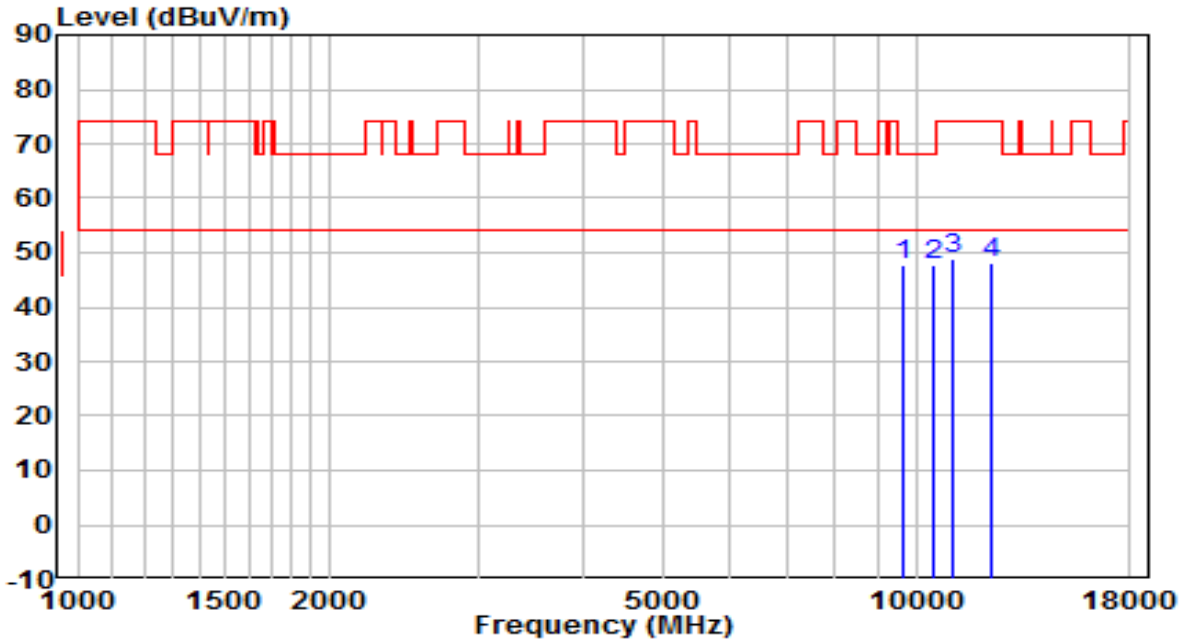


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9619.000	31.39	15.92	47.31	-20.89	68.20	Peak
2	*	10443.500	29.87	18.34	48.21	-19.99	68.20	Peak
3		11123.500	28.96	19.47	48.43	-25.57	74.00	Peak
4		12109.500	29.24	18.81	48.05	-25.95	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz

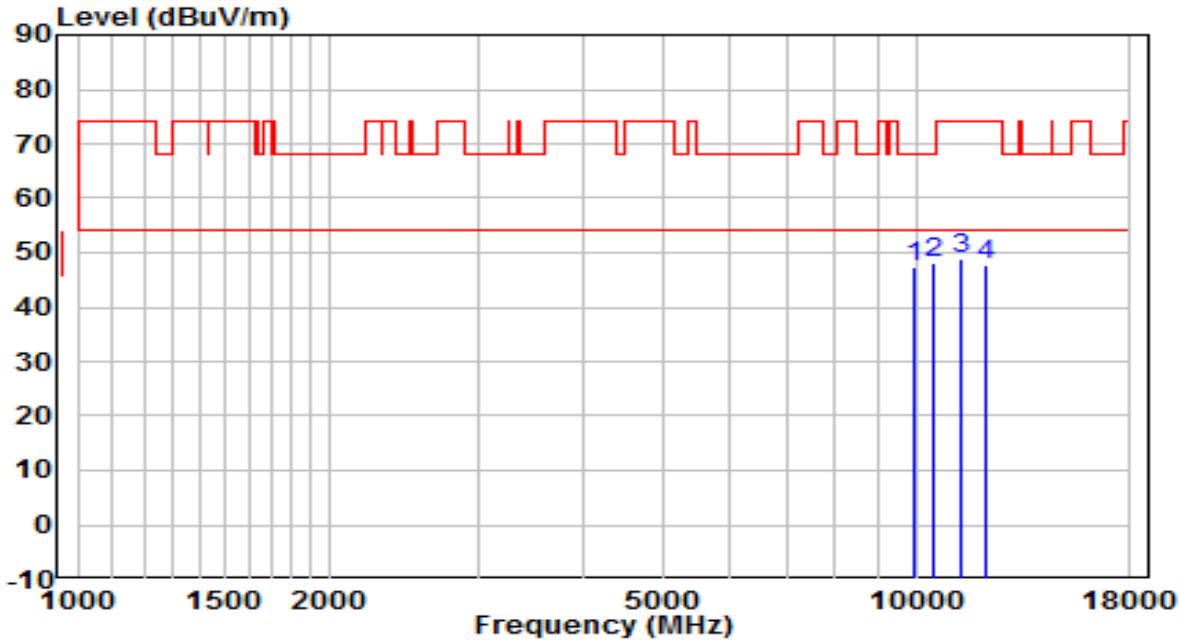


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9636.000	31.81	15.95	47.76	-20.44	68.20	Peak
2	*	10503.000	29.31	18.57	47.88	-20.32	68.20	Peak
3		11064.000	29.63	19.38	49.01	-24.99	74.00	Peak
4		12288.000	29.58	18.62	48.21	-25.79	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz

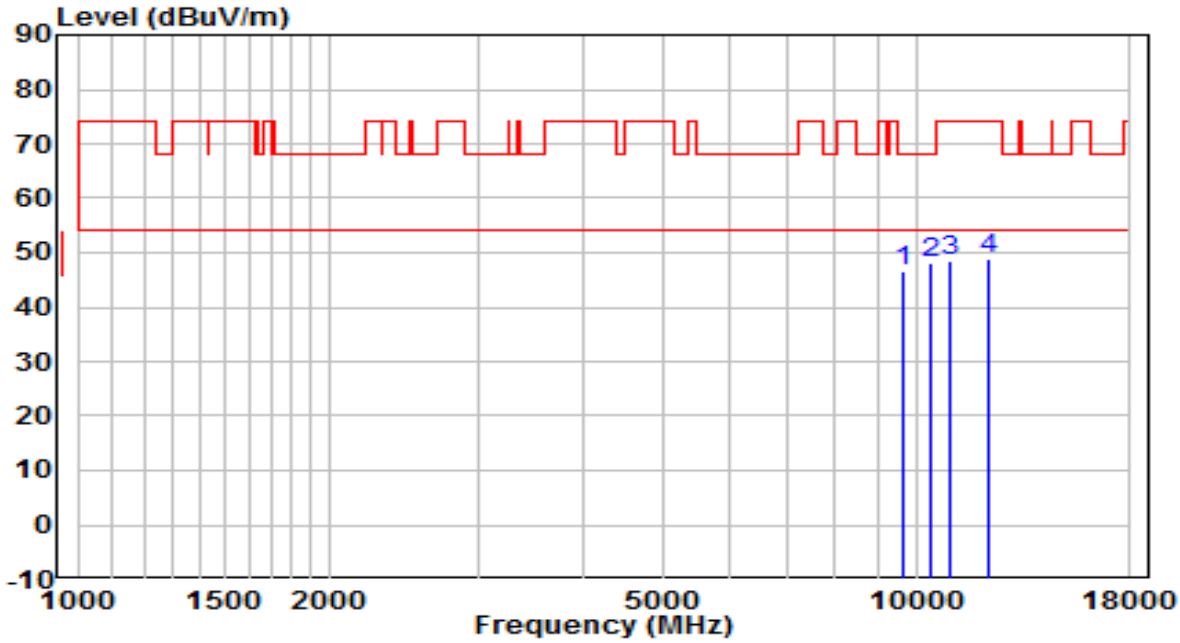


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9925.000	30.91	16.43	47.34	-20.86	68.20	Peak
2	*	10469.000	29.61	18.45	48.06	-20.14	68.20	Peak
3		11293.500	29.00	19.73	48.73	-25.27	74.00	Peak
4		12118.000	29.12	18.80	47.91	-26.09	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz

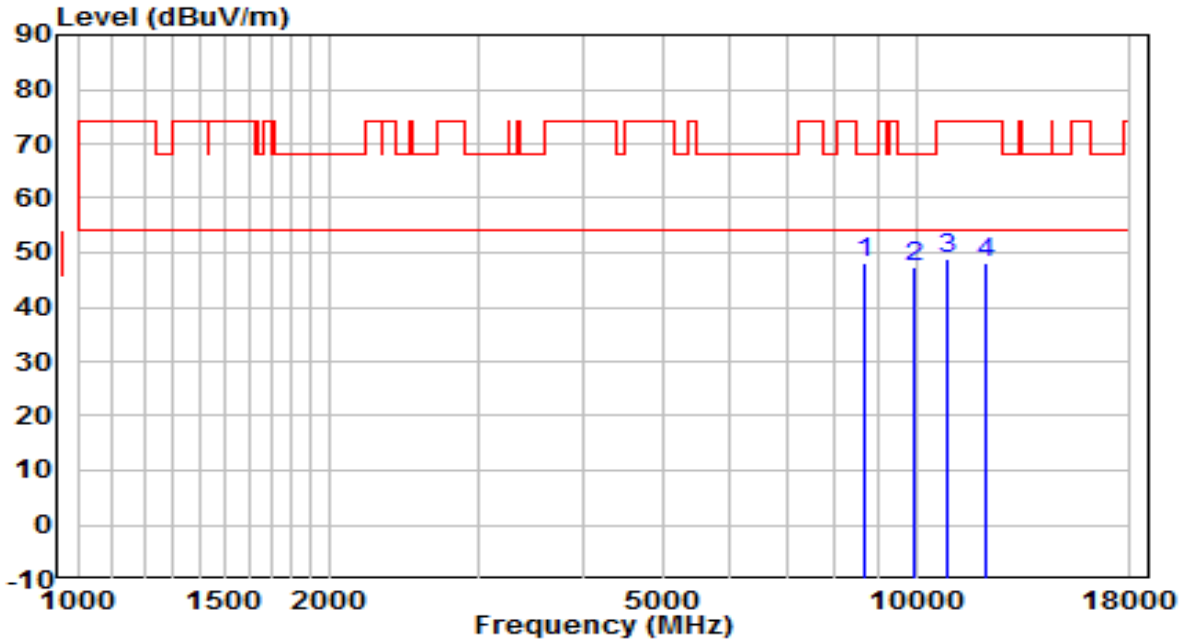


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9653.000	30.57	15.98	46.54	-21.66	68.20	Peak
2	*	10392.500	29.91	18.14	48.04	-20.16	68.20	Peak
3		10970.500	29.31	19.24	48.55	-25.45	74.00	Peak
4		12203.000	30.28	18.71	48.99	-25.01	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz

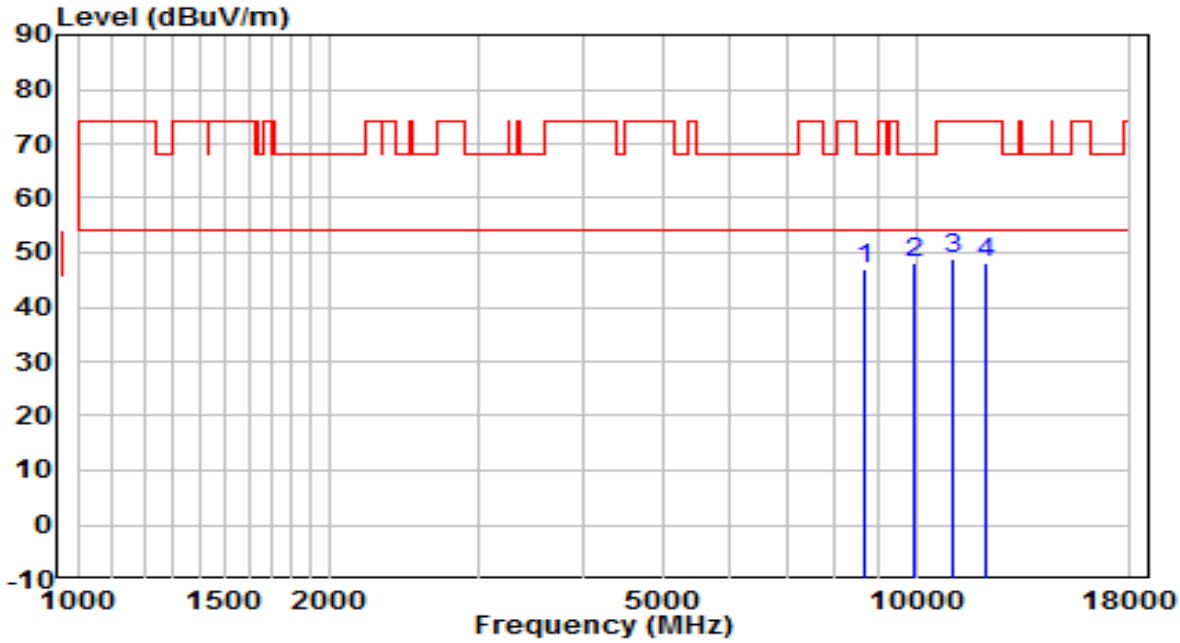


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	8692.500	33.99	14.13	48.12	-20.08	68.20	Peak
2		9967.500	31.00	16.51	47.51	-20.69	68.20	Peak
3		10885.500	29.71	19.12	48.83	-25.17	74.00	Peak
4		12084.000	29.46	18.83	48.30	-25.70	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

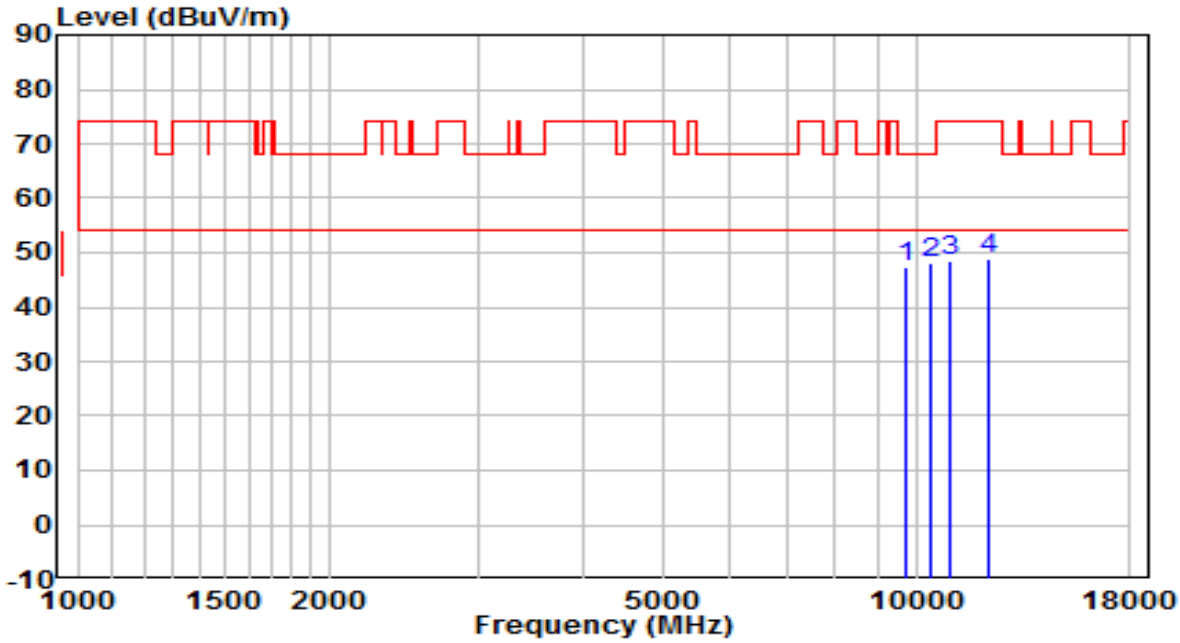


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8709.500	32.93	14.17	47.10	-21.10	68.20	Peak
2	*	9933.500	31.84	16.45	48.29	-19.91	68.20	Peak
3		11081.000	29.37	19.40	48.78	-25.22	74.00	Peak
4		12126.500	29.27	18.79	48.06	-25.94	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

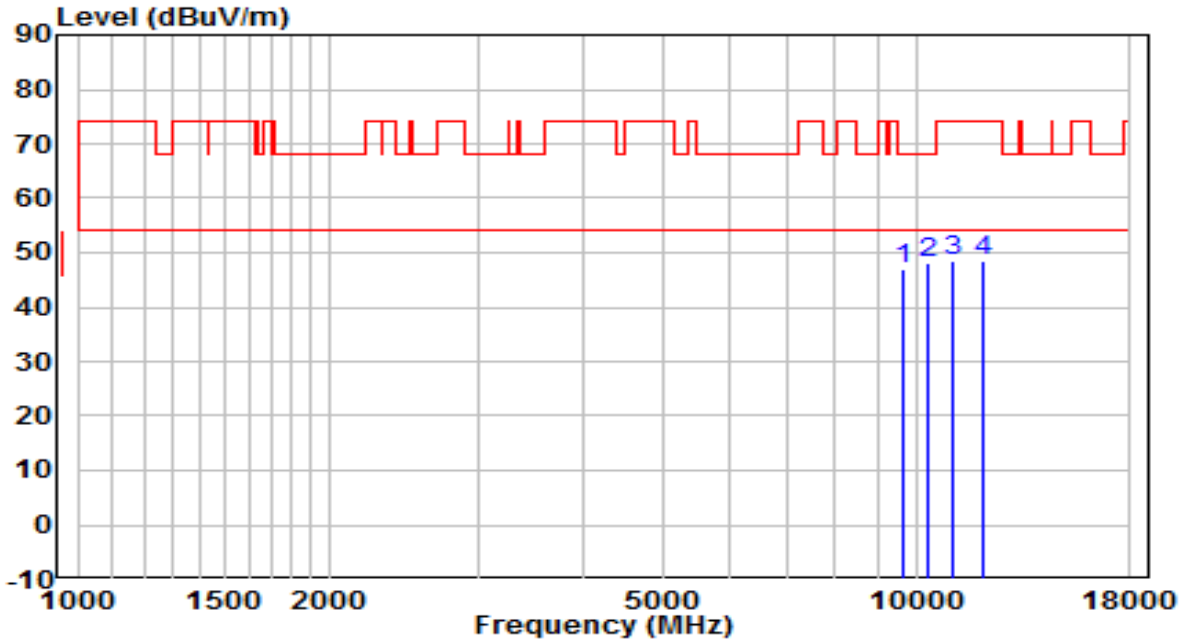


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9729.500	31.40	16.11	47.51	-20.69	68.20	Peak
2	*	10418.000	29.93	18.24	48.17	-20.03	68.20	Peak
3		11013.000	29.36	19.30	48.66	-25.34	74.00	Peak
4		12186.000	30.25	18.73	48.98	-25.02	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

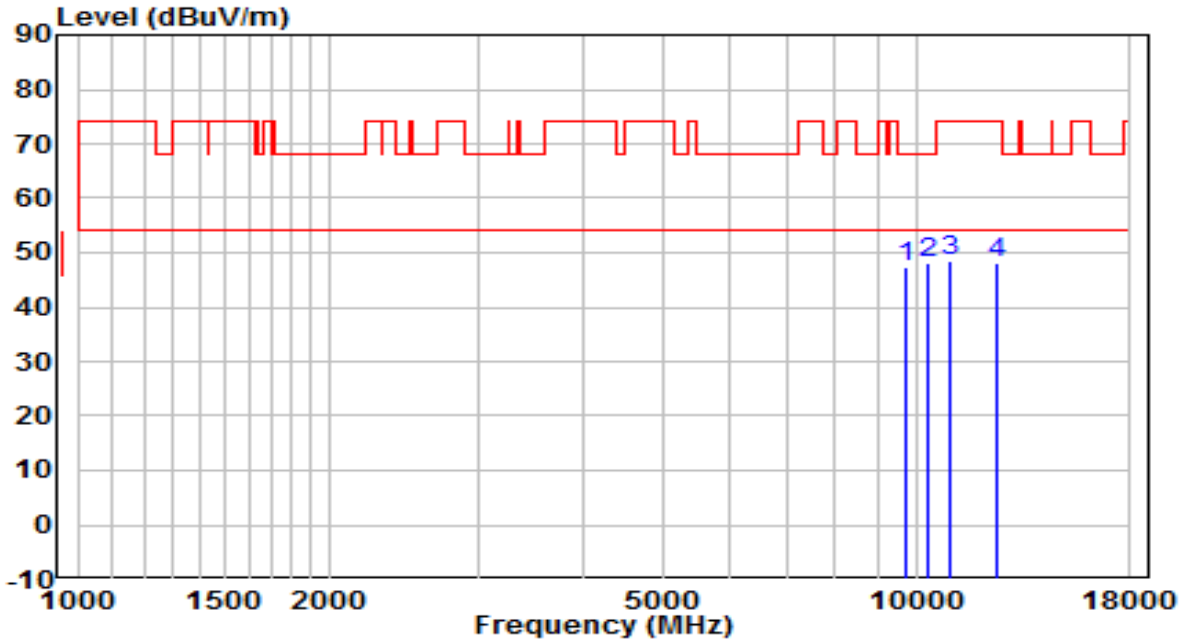


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9661.500	31.16	15.99	47.15	-21.05	68.20	Peak
2	*	10307.500	30.40	17.80	48.20	-20.00	68.20	Peak
3		11064.000	29.08	19.38	48.46	-25.54	74.00	Peak
4		12016.000	29.69	18.90	48.59	-25.41	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

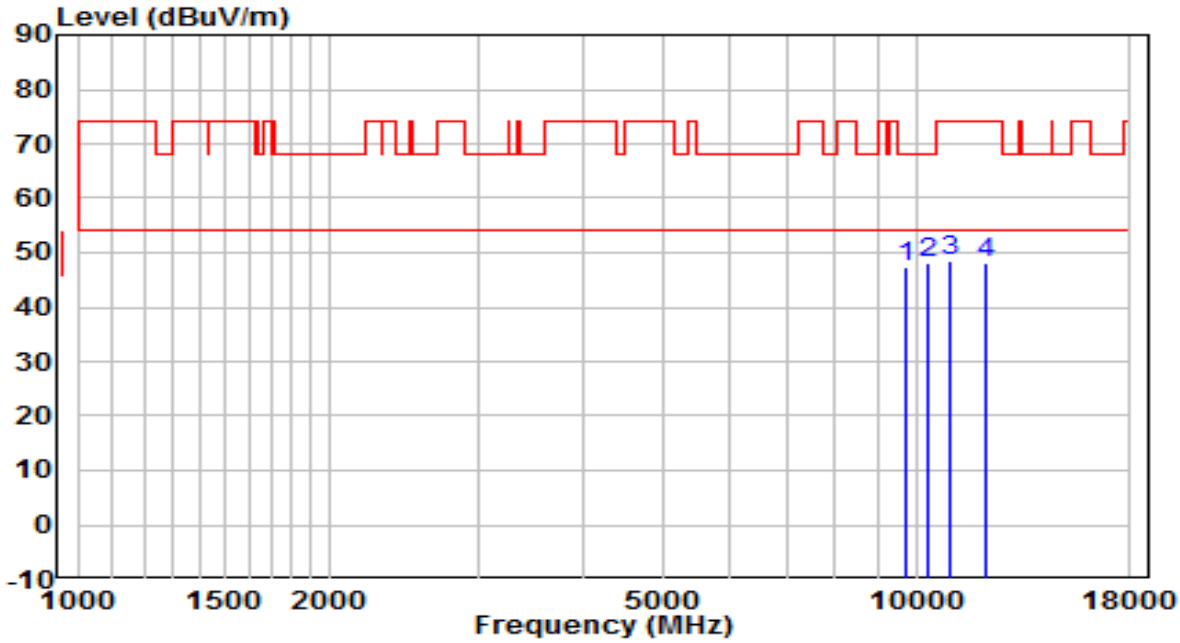


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9704.000	31.13	16.06	47.19	-21.01	68.20	Peak
2	*	10307.500	30.19	17.80	47.99	-20.21	68.20	Peak
3		10945.000	29.45	19.20	48.66	-25.34	74.00	Peak
4		12483.500	29.54	18.42	47.97	-26.03	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

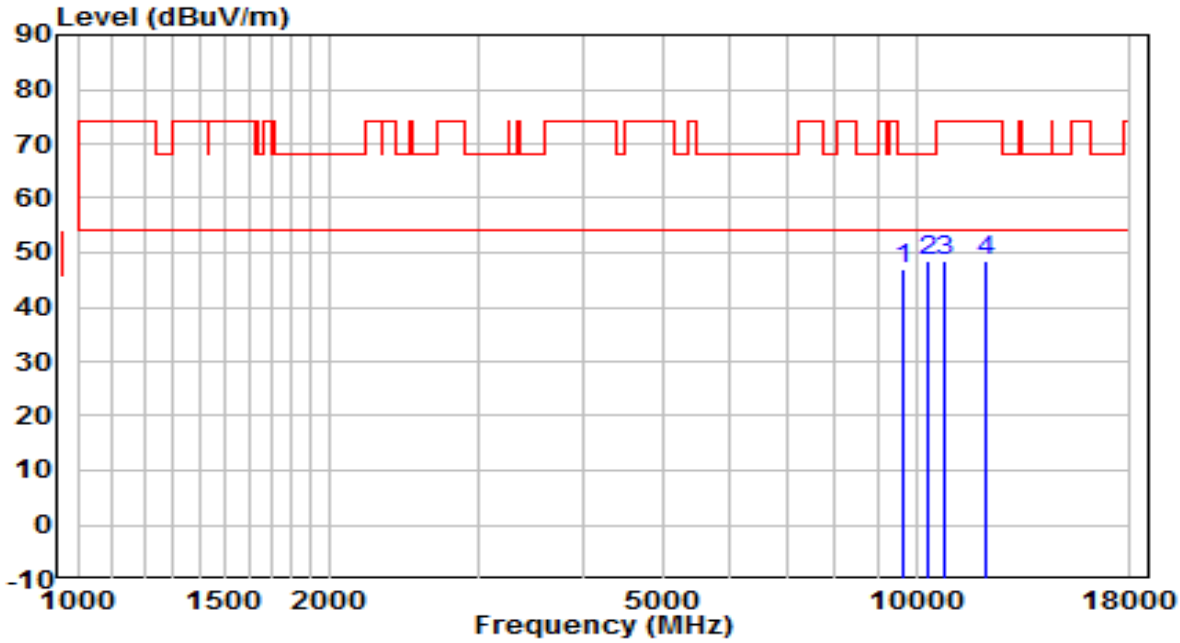


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9738.000	31.26	16.12	47.38	-20.82	68.20	Peak
2	*	10324.500	30.07	17.86	47.93	-20.27	68.20	Peak
3		10996.000	29.13	19.27	48.41	-25.59	74.00	Peak
4		12109.500	29.20	18.81	48.01	-25.99	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

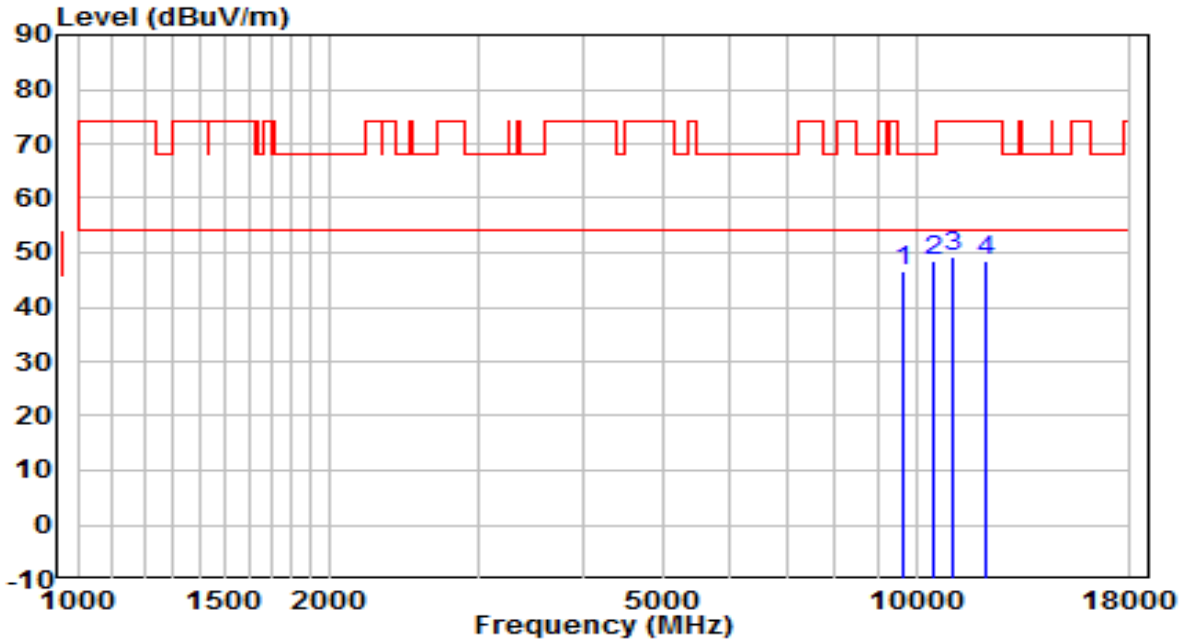


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9653.000	31.03	15.98	47.01	-21.19	68.20	Peak
2	*	10367.000	30.40	18.04	48.43	-19.77	68.20	Peak
3		10809.000	29.41	19.01	48.42	-25.58	74.00	Peak
4		12067.000	29.73	18.85	48.58	-25.42	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz

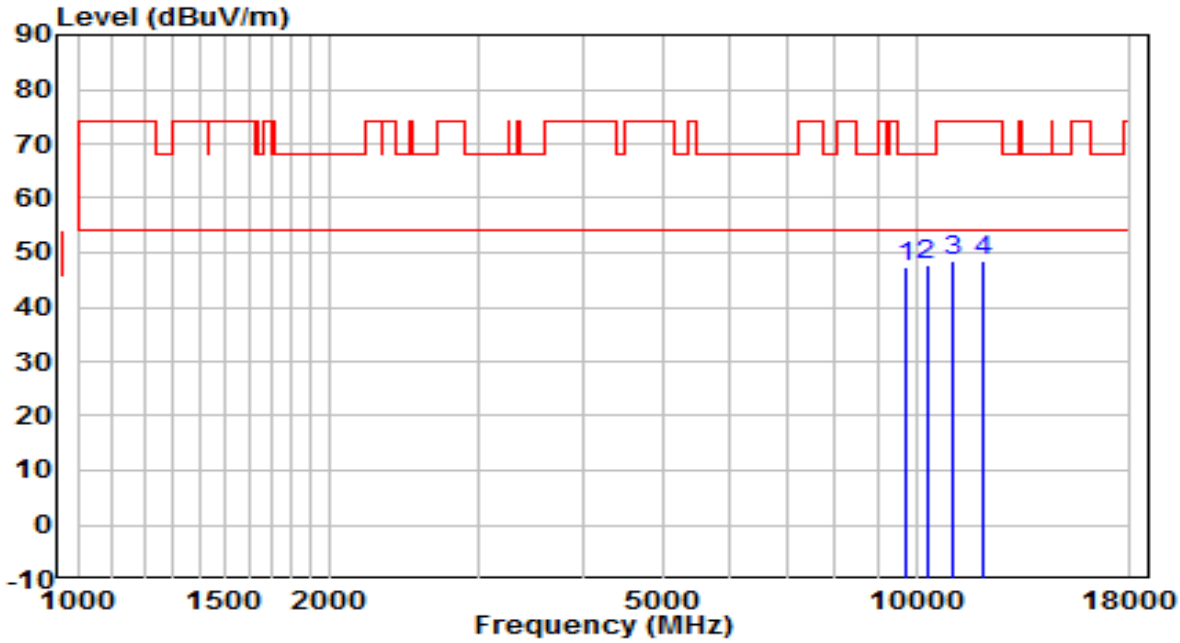


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9678.500	30.72	16.02	46.74	-21.46	68.20	Peak
2	*	10486.000	30.14	18.51	48.65	-19.55	68.20	Peak
3		11072.500	29.90	19.39	49.29	-24.71	74.00	Peak
4		12152.000	29.65	18.76	48.41	-25.59	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz

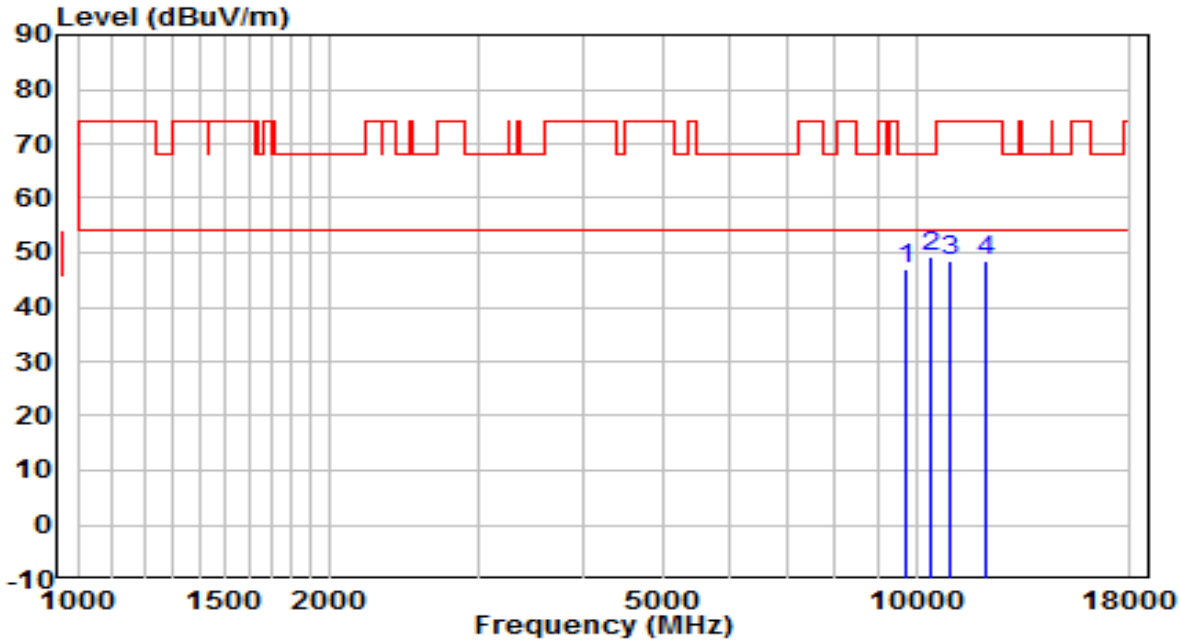


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9729.500	31.27	16.11	47.37	-20.83	68.20	Peak
2	*	10290.500	29.99	17.73	47.72	-20.48	68.20	Peak
3		11098.000	29.12	19.43	48.55	-25.45	74.00	Peak
4		12058.500	29.55	18.86	48.41	-25.59	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5690MHz	Test Voltage	AC 120V/60Hz

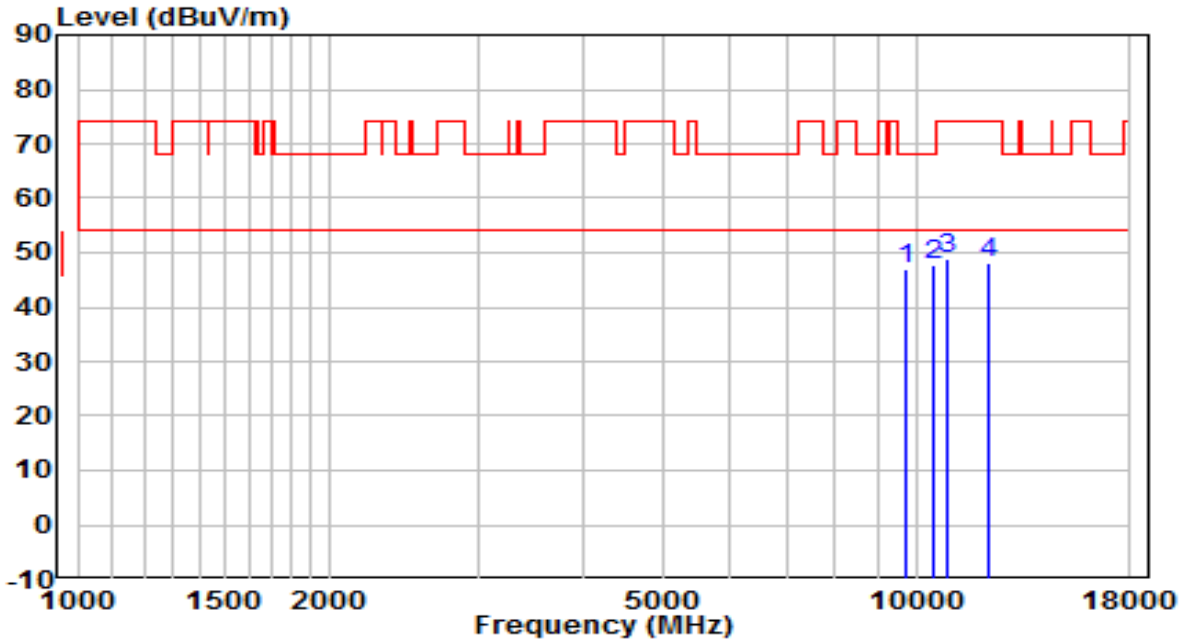


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9738.000	30.80	16.12	46.92	-21.28	68.20	Peak
2	*	10375.500	31.06	18.07	49.13	-19.07	68.20	Peak
3		10996.000	29.22	19.27	48.49	-25.51	74.00	Peak
4		12067.000	29.68	18.85	48.53	-25.47	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5690MHz	Test Voltage	AC 120V/60Hz

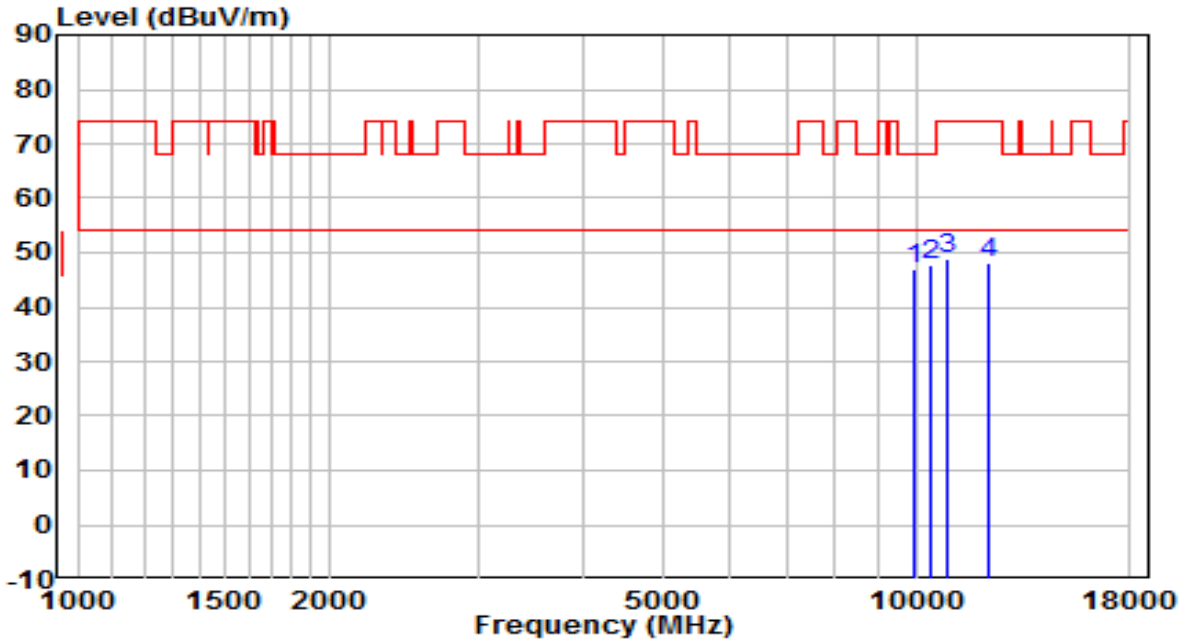


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9721.000	31.02	16.09	47.11	-21.09	68.20	Peak
2	*	10520.000	29.10	18.60	47.69	-20.51	68.20	Peak
3		10885.500	29.72	19.12	48.84	-25.16	74.00	Peak
4		12160.500	29.43	18.75	48.19	-25.81	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz

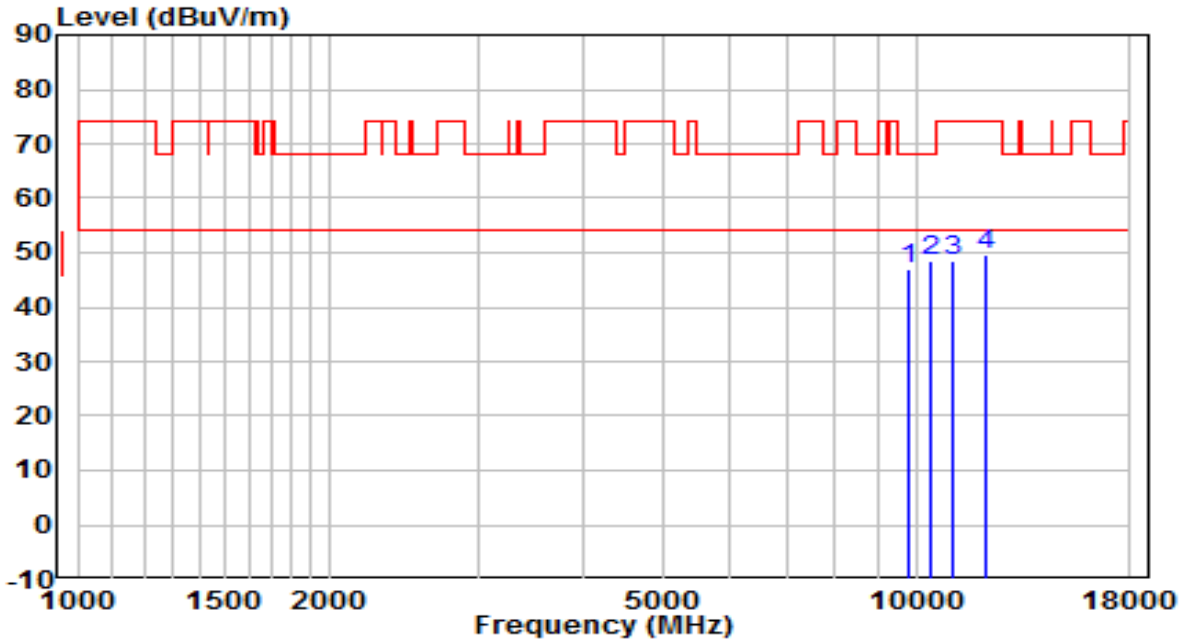


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9933.500	30.56	16.45	47.01	-21.19	68.20	Peak
2	*	10392.500	29.71	18.14	47.85	-20.35	68.20	Peak
3		10919.500	29.72	19.17	48.88	-25.12	74.00	Peak
4		12194.500	29.57	18.72	48.29	-25.71	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz

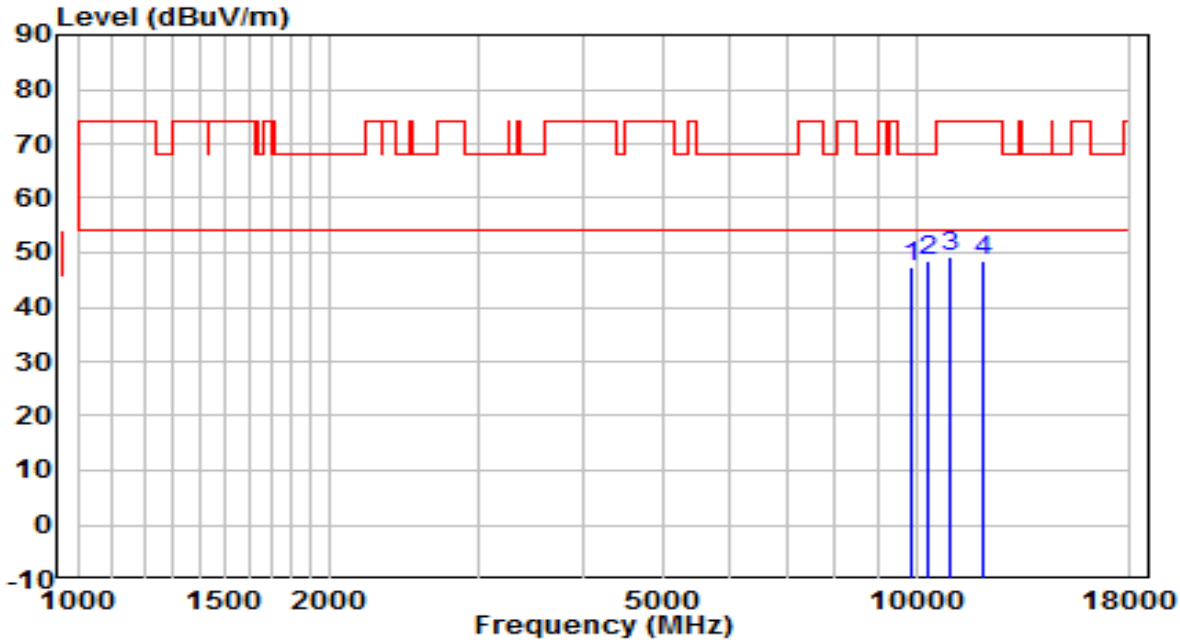


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9772.000	30.80	16.18	46.98	-21.22	68.20	Peak
2	*	10435.000	30.01	18.31	48.32	-19.88	68.20	Peak
3		11064.000	29.21	19.38	48.59	-25.41	74.00	Peak
4		12143.500	30.68	18.77	49.45	-24.55	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz

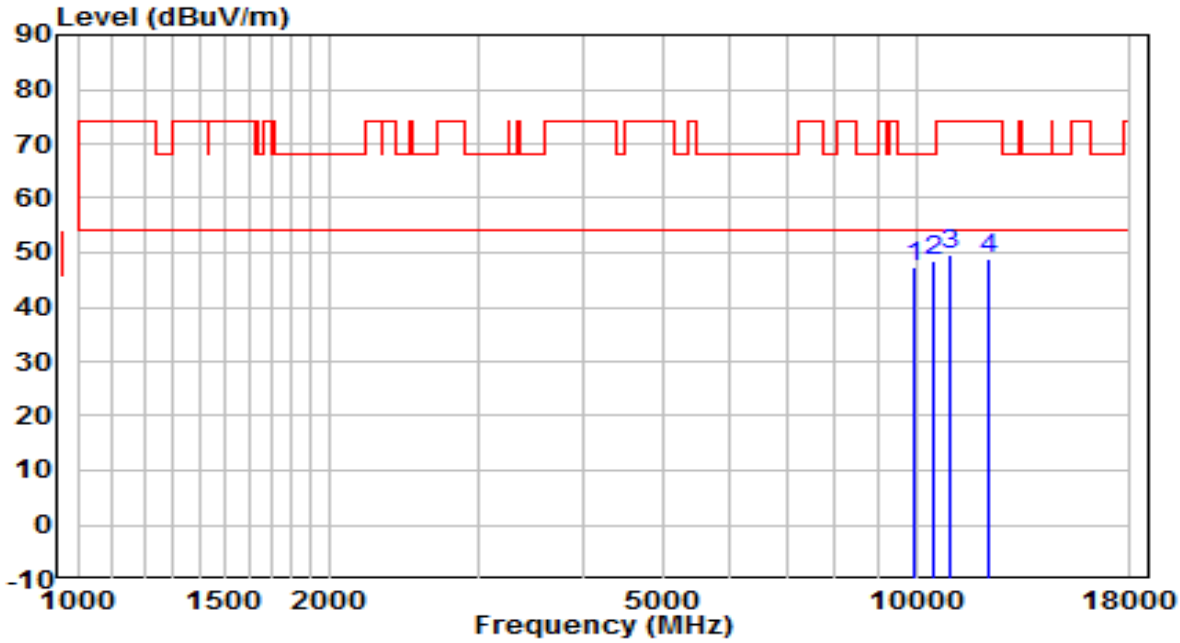


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9882.500	31.05	16.36	47.41	-20.79	68.20	Peak
2	*	10350.000	30.69	17.97	48.66	-19.54	68.20	Peak
3		10970.500	30.01	19.24	49.25	-24.75	74.00	Peak
4		11982.000	29.59	18.96	48.55	-25.45	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz

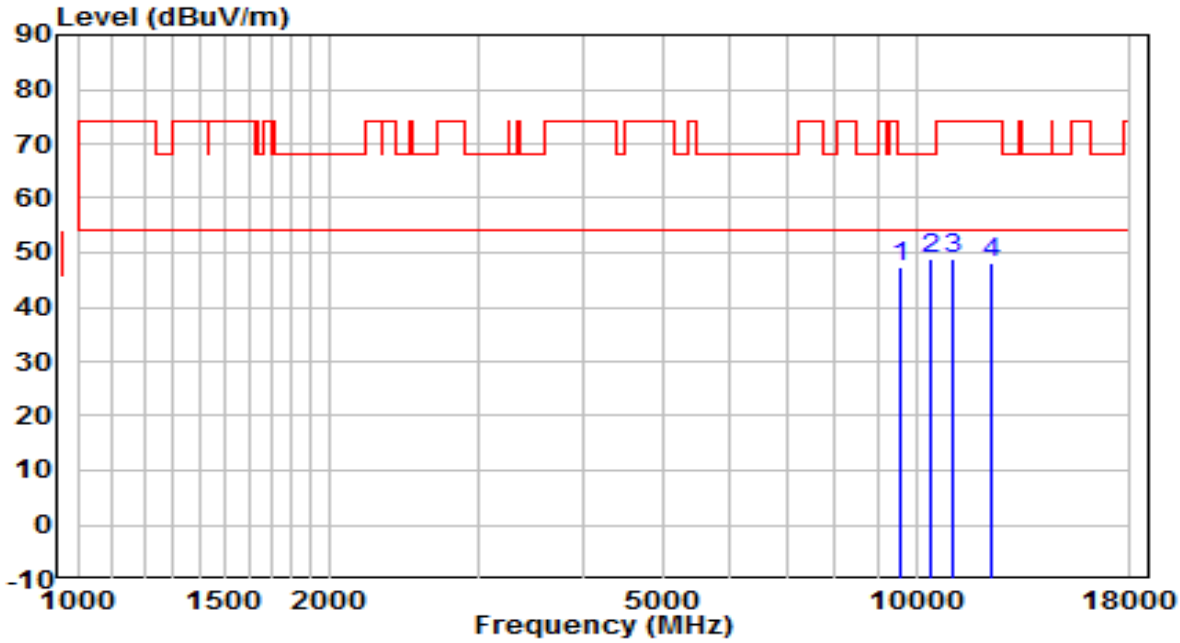


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9925.000	30.85	16.43	47.28	-20.92	68.20	Peak
2	*	10477.500	29.97	18.48	48.45	-19.75	68.20	Peak
3		10945.000	30.24	19.20	49.44	-24.56	74.00	Peak
4		12228.500	30.02	18.68	48.71	-25.29	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz

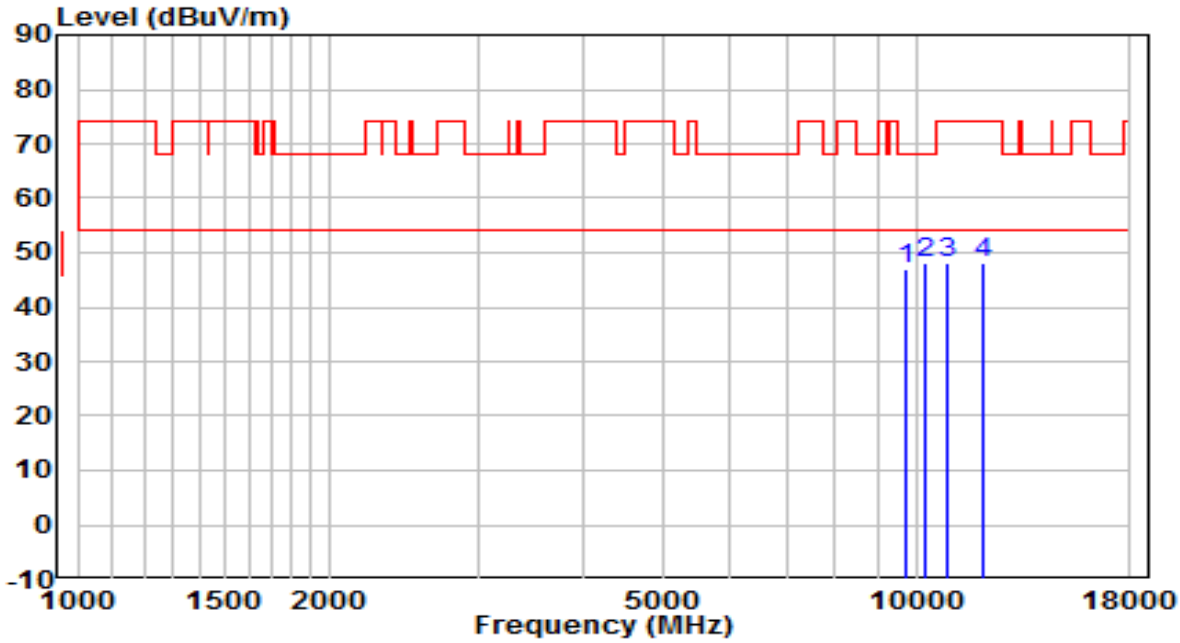


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9610.500	31.37	15.91	47.28	-20.92	68.20	Peak
2	*	10418.000	30.74	18.24	48.98	-19.22	68.20	Peak
3		11030.000	29.41	19.33	48.74	-25.26	74.00	Peak
4		12296.500	29.47	18.61	48.08	-25.92	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-08
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	27.7°C/57.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



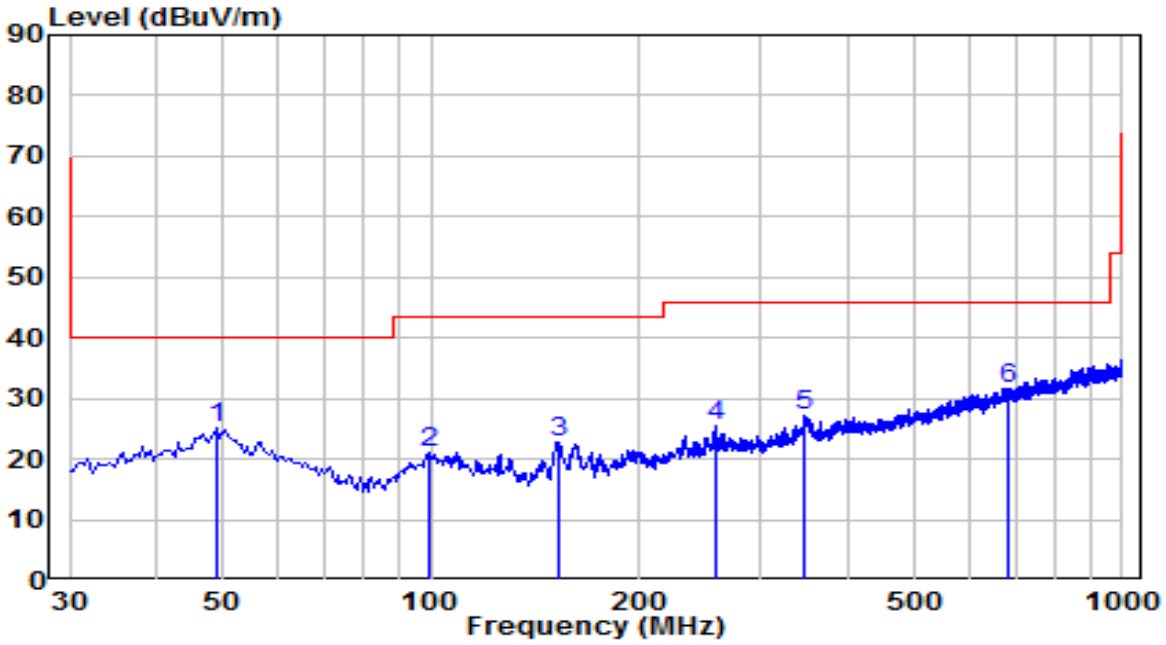
No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		9712.500	30.78	16.08	46.86	-21.34	68.20	Peak
2	*	10248.000	30.49	17.56	48.05	-20.15	68.20	Peak
3		10928.000	29.08	19.18	48.26	-25.74	74.00	Peak
4		12033.000	29.19	18.89	48.07	-25.93	74.00	Peak

Note:

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

The Result of Radiated Emission below 1GHz:

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C /43.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz

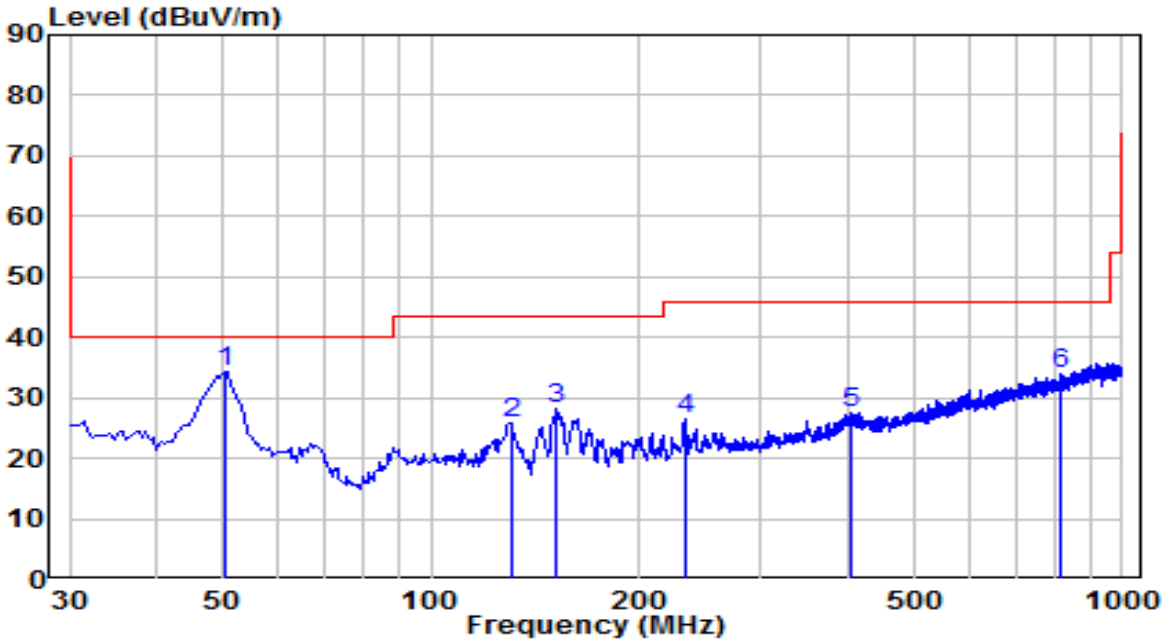


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		48.915	3.00	22.00	25.00	-15.00	40.00	Peak
2		99.355	2.01	19.03	21.05	-22.45	43.50	Peak
3		152.705	6.55	16.07	22.62	-20.88	43.50	Peak
4		259.405	4.96	20.57	25.53	-20.47	46.00	Peak
5		347.190	4.13	23.13	27.27	-18.73	46.00	Peak
6	*	681.355	2.48	29.06	31.54	-14.46	46.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The 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 Wi-Fi 6 Range Extender	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C /43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	50.370	12.45	21.98	34.43	-5.57	40.00	Peak
2		130.395	9.53	16.27	25.80	-17.70	43.50	Peak
3		152.220	11.98	16.05	28.03	-15.47	43.50	Peak
4		232.730	6.58	19.81	26.39	-19.61	46.00	Peak
5		405.390	3.36	24.15	27.51	-18.49	46.00	Peak
6		814.730	3.14	30.79	33.93	-12.07	46.00	Peak

Note:

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

7.8. Radiated Restricted Band Edge Measurement

7.8.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[1] 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310 - 2390	15.35-16.2
8.362-8.366	156.52475-156.525	2483.5 - 2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690 - 2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260 - 3267	23.6-24.0
12.29-12.293	167.72-173.2	3332 - 3339	31.2-31.8
12.51975-12.52025	240 - 285	3345.8 - 3358	36.43-36.5
12.57675-12.57725	322-335.4	3600 - 4400	([2])
13.36-13.41	--	--	--

For 15.407(b) requirement:

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

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

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

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

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

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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.8.3.Test Setting

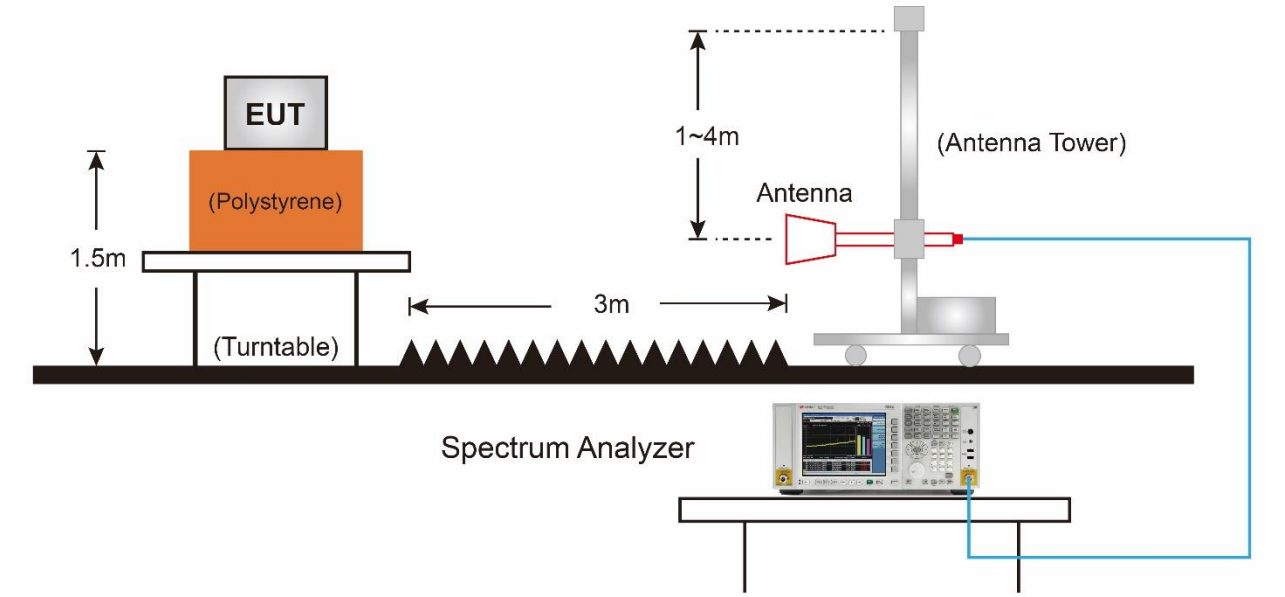
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

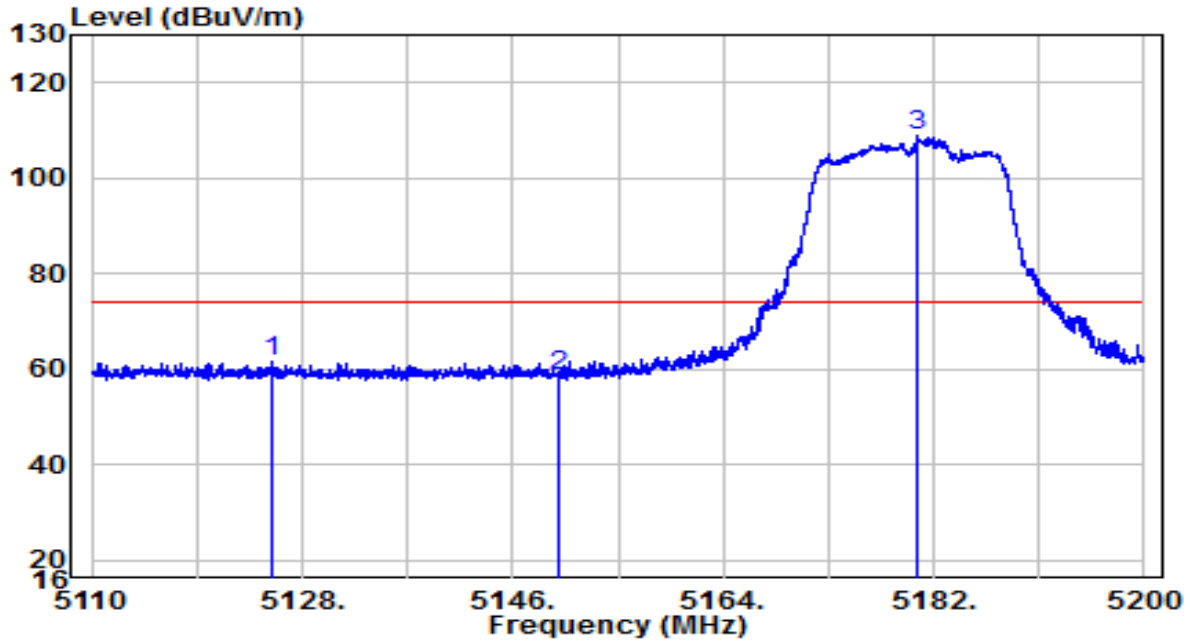
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.
4. Detector = Peak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

7.8.4.Test Setup



7.8.5.Test Result

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5125.480	41.25	20.16	61.41	-12.59	74.00	Peak
2		5150.000	38.61	20.20	58.80	-15.20	74.00	Peak
3	*	5180.605	88.77	20.25	109.02	N/A	N/A	Peak

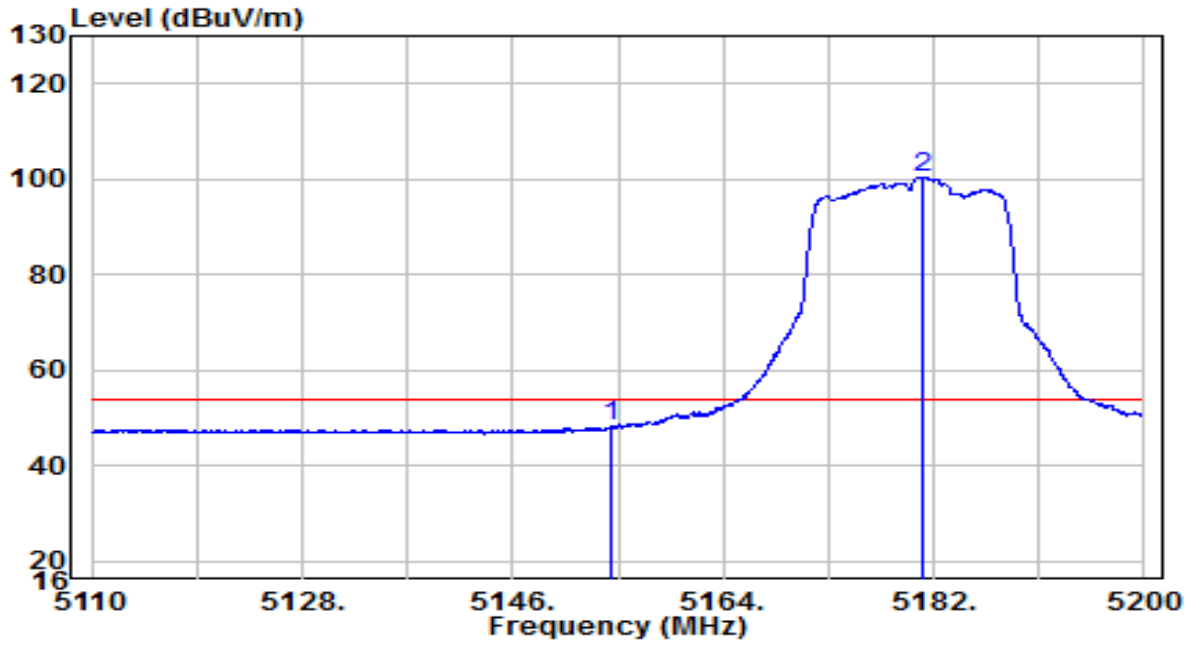
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5154.370	28.21	20.20	48.41	-5.59	54.00	Average
2	*	5181.100	80.22	20.25	100.47	N/A	N/A	Average

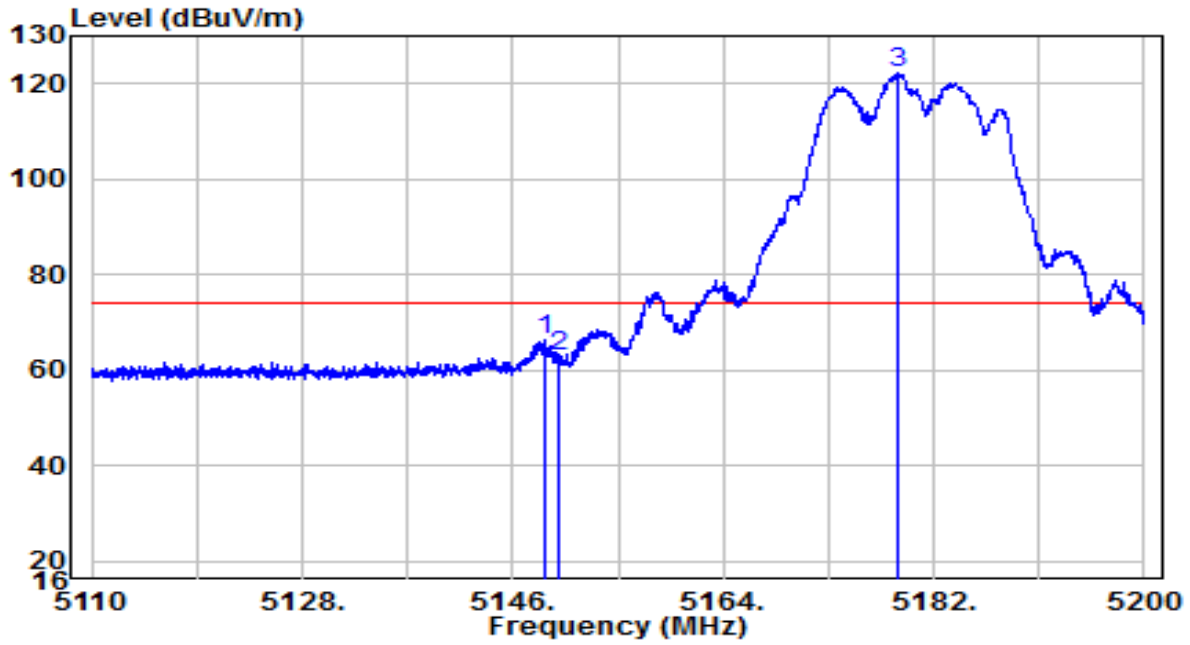
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.790	45.98	20.19	66.17	-7.83	74.00	Peak
2		5150.000	42.74	20.20	62.93	-11.07	74.00	Peak
3	*	5178.895	101.83	20.24	122.08	N/A	N/A	Peak

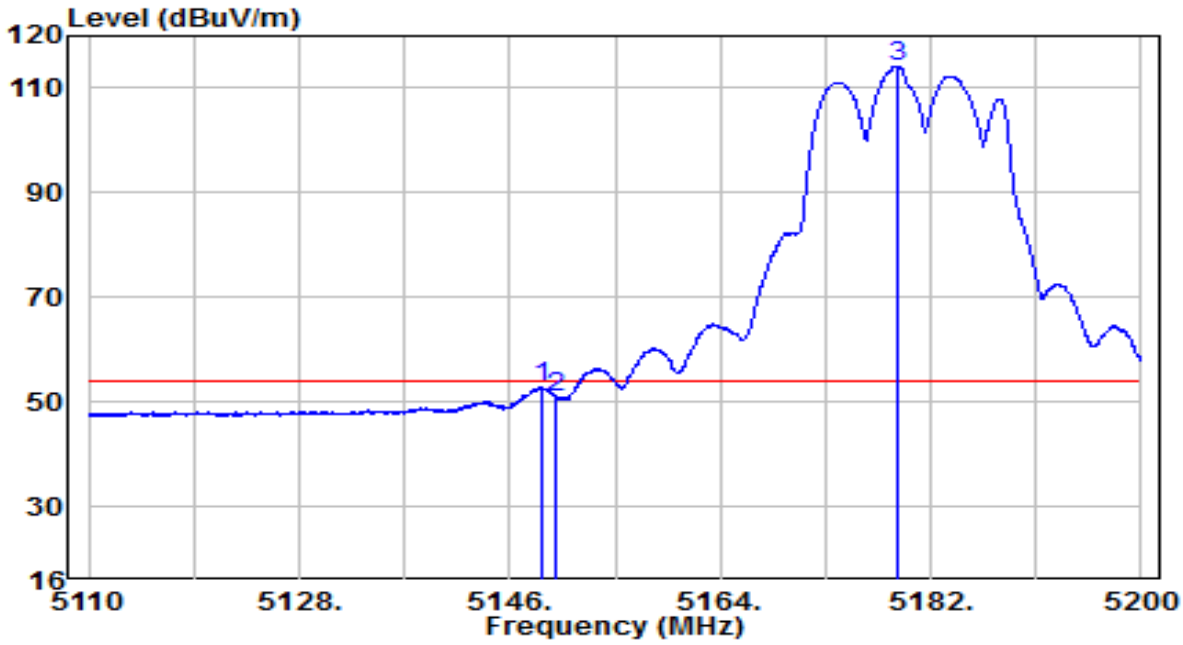
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.655	32.69	20.19	52.88	-1.12	54.00	Average
2		5150.000	30.90	20.20	51.10	-2.90	54.00	Average
3	*	5179.210	93.98	20.24	114.23	N/A	N/A	Average

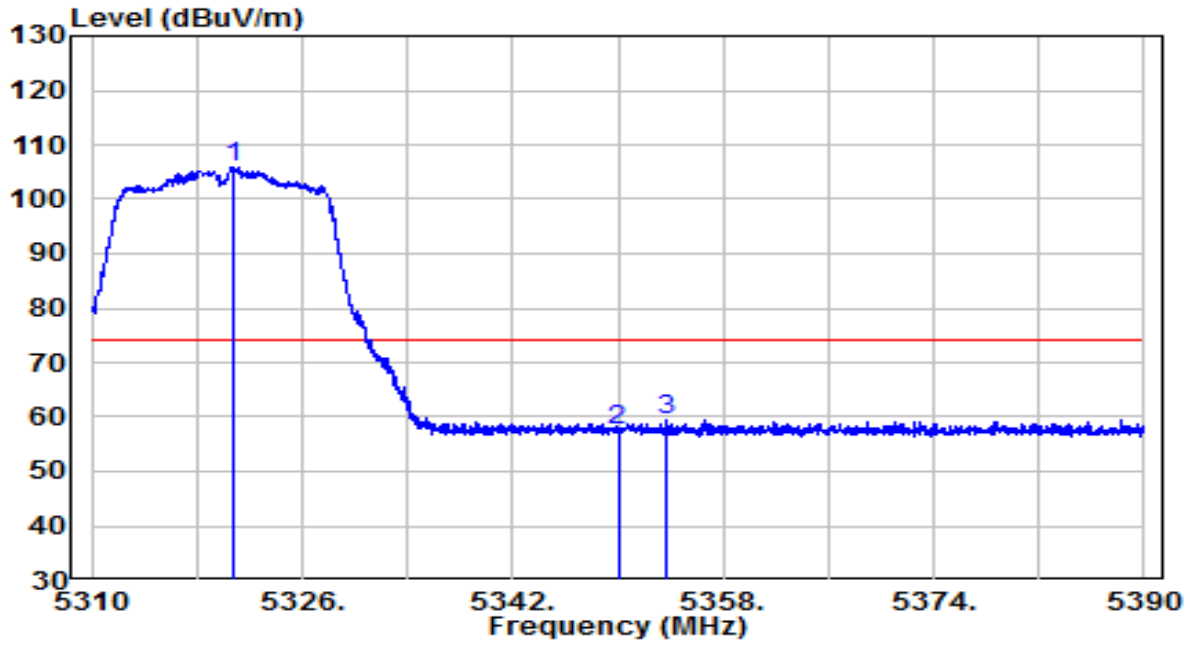
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5320.720	85.42	20.48	105.89	N/A	N/A	Peak
2		5350.000	36.95	20.52	57.48	-16.52	74.00	Peak
3		5353.760	39.05	20.53	59.58	-14.42	74.00	Peak

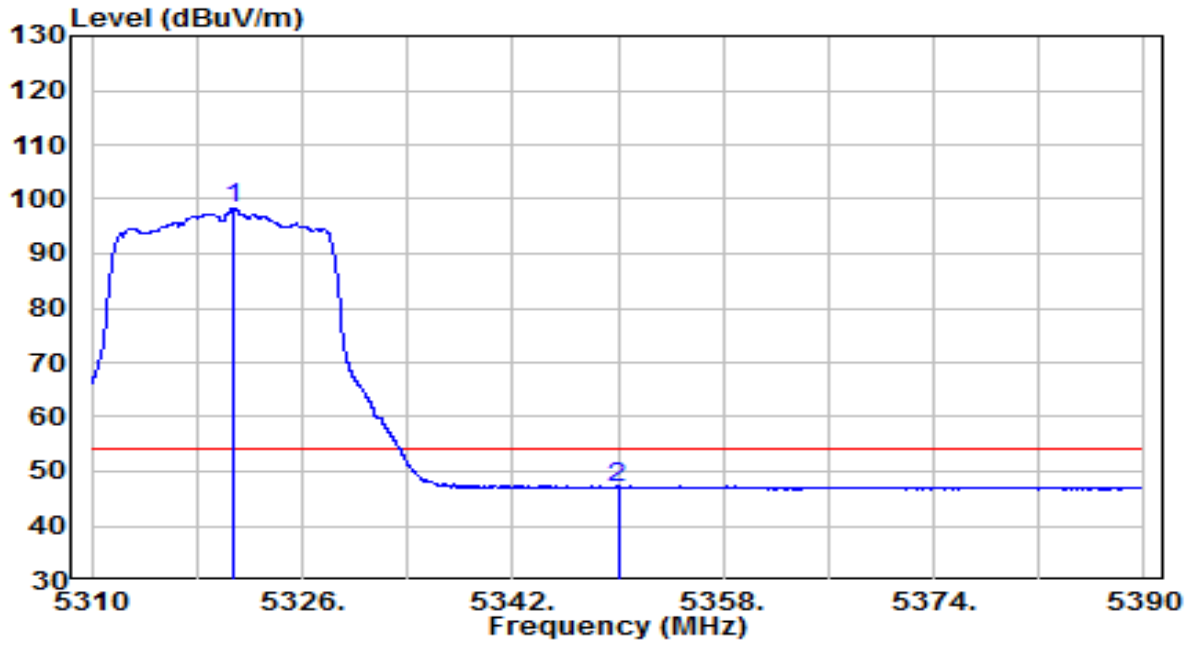
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5320.800	77.77	20.48	98.24	N/A	N/A	Average
2		5350.000	26.62	20.52	47.14	-6.86	54.00	Average

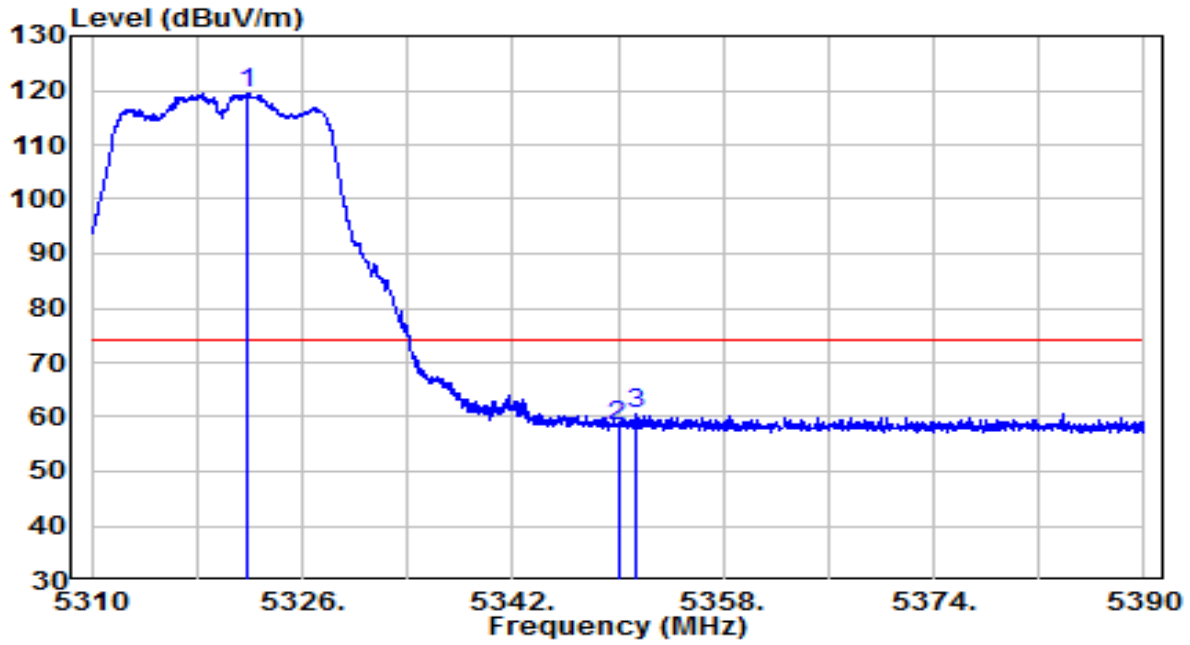
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.800	99.14	20.48	119.62	N/A	N/A	Peak
2		5350.000	37.89	20.52	58.41	-15.59	74.00	Peak
3		5351.360	40.13	20.53	60.66	-13.34	74.00	Peak

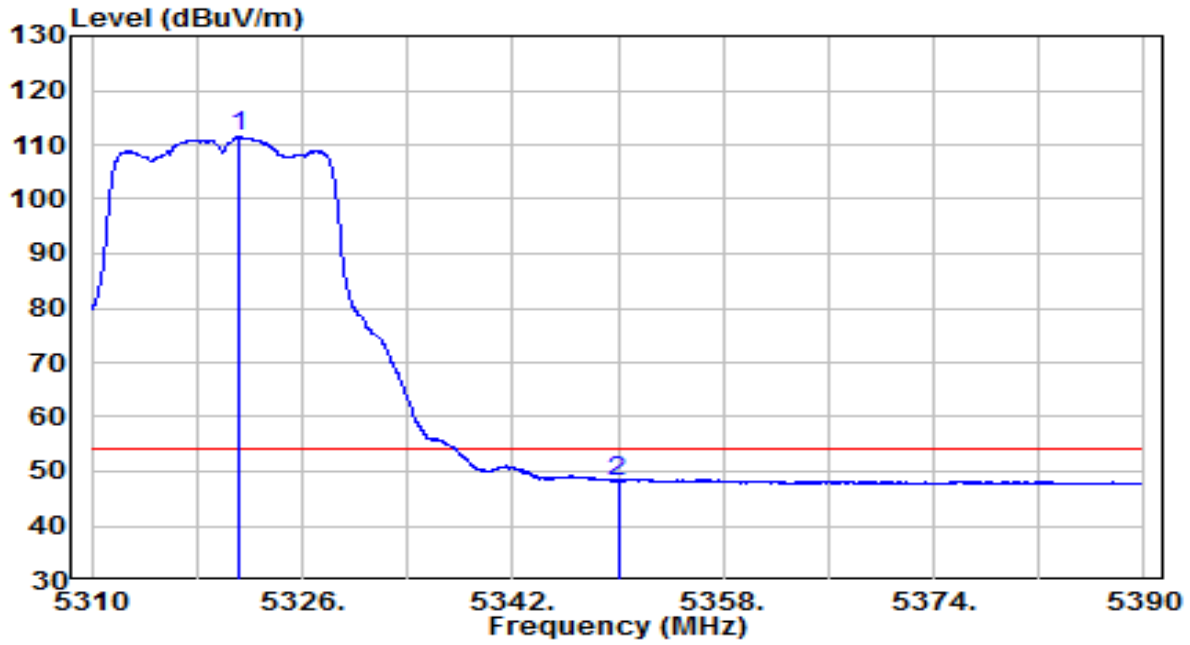
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.160	90.91	20.48	111.39	N/A	N/A	Average
2		5350.000	27.77	20.52	48.29	-5.71	54.00	Average

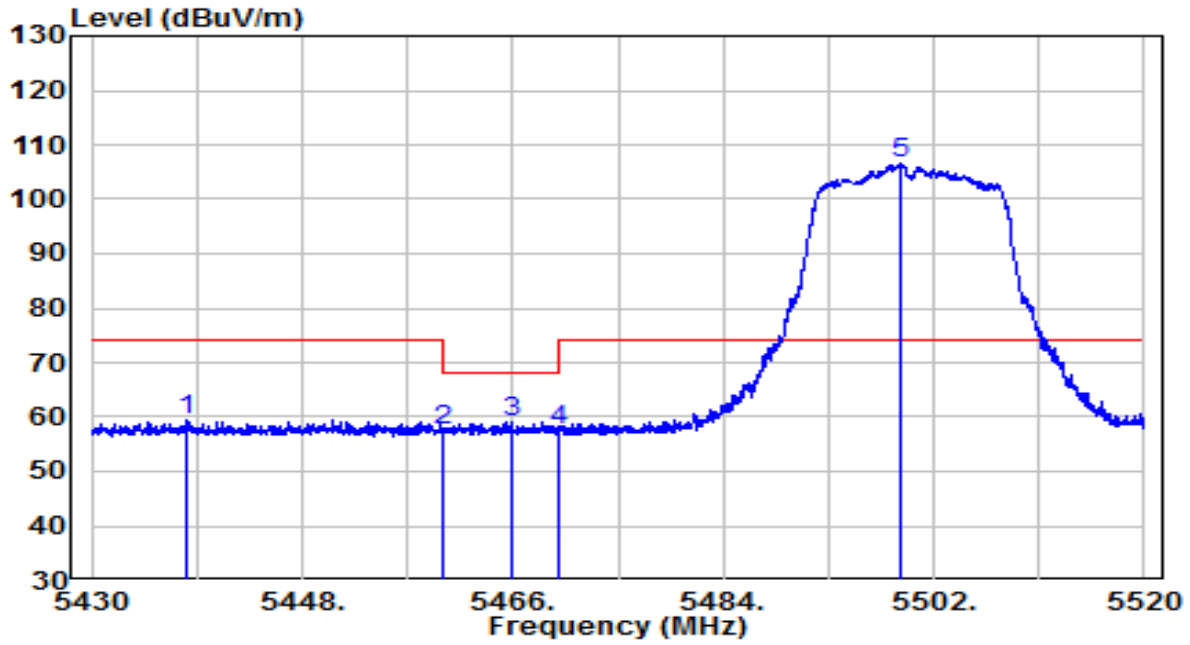
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5438.055	38.84	20.67	59.51	-14.49	74.00	Peak
2		5460.000	36.83	20.70	57.53	-10.67	68.20	Peak
3		5465.955	38.52	20.71	59.23	-8.97	68.20	Peak
4		5470.000	36.84	20.72	57.56	-10.64	68.20	Peak
5	*	5499.120	85.72	20.77	106.49	N/A	N/A	Peak

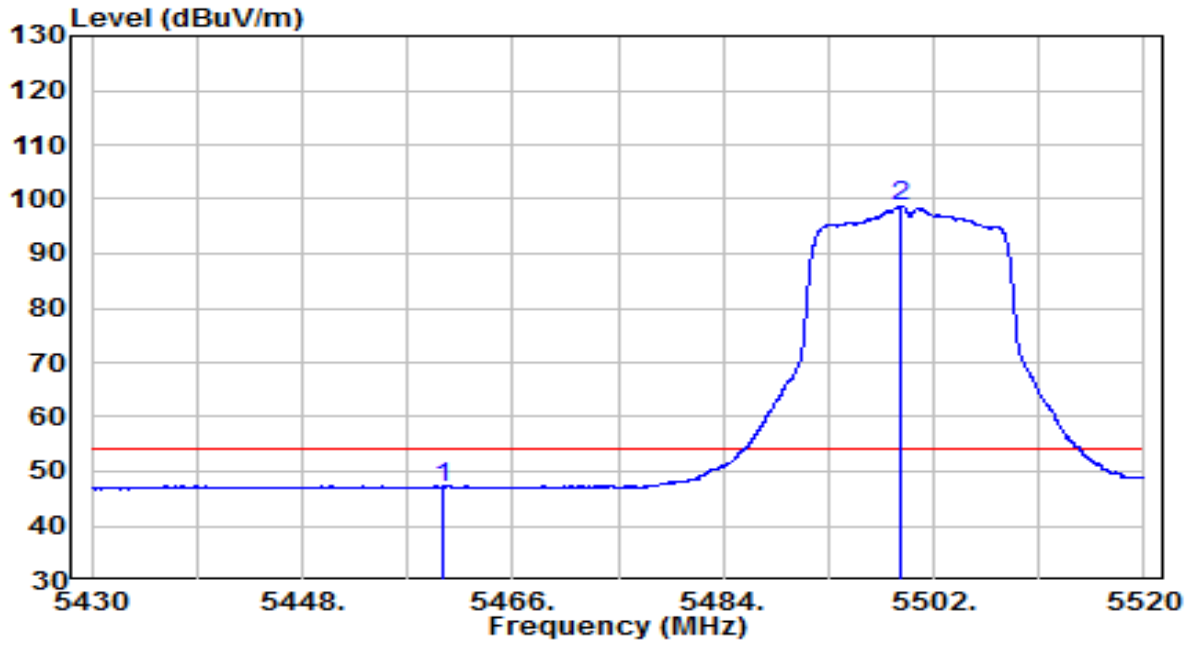
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.40	20.70	47.10	-6.90	54.00	Average
2	*	5499.255	77.91	20.77	98.68	N/A	N/A	Average

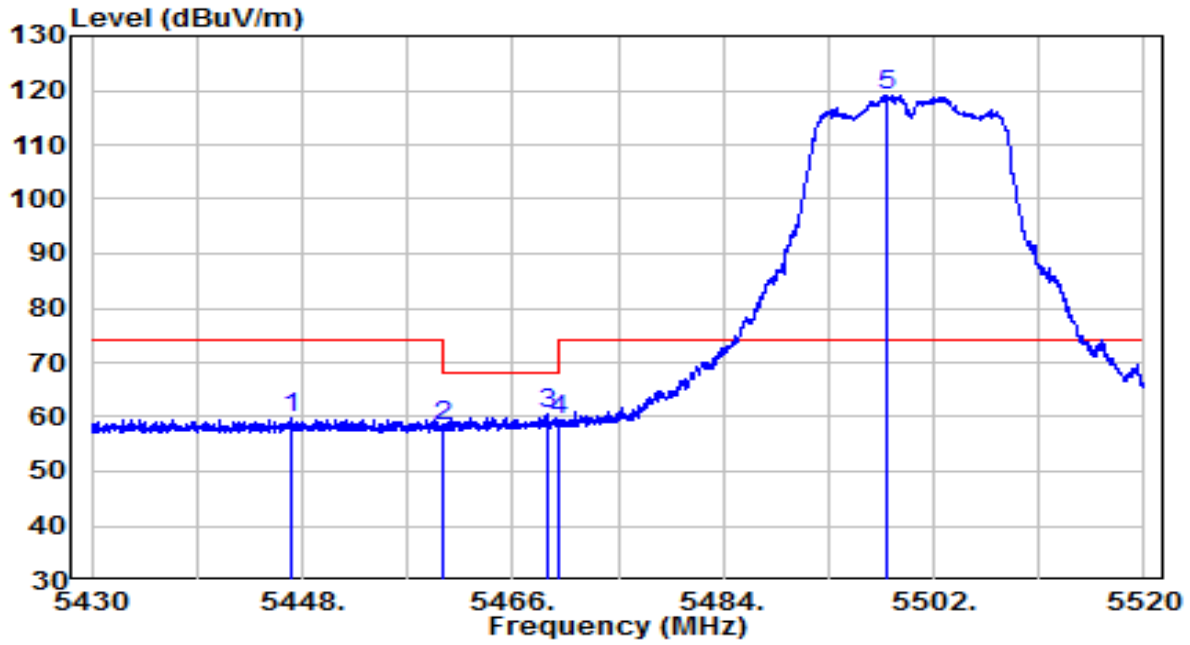
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5447.010	38.99	20.68	59.67	-14.33	74.00	Peak
2		5460.000	37.73	20.70	58.43	-9.77	68.20	Peak
3		5469.060	39.67	20.72	60.39	-7.81	68.20	Peak
4		5470.000	38.85	20.72	59.57	-8.63	68.20	Peak
5	*	5498.040	98.43	20.77	119.19	N/A	N/A	Peak

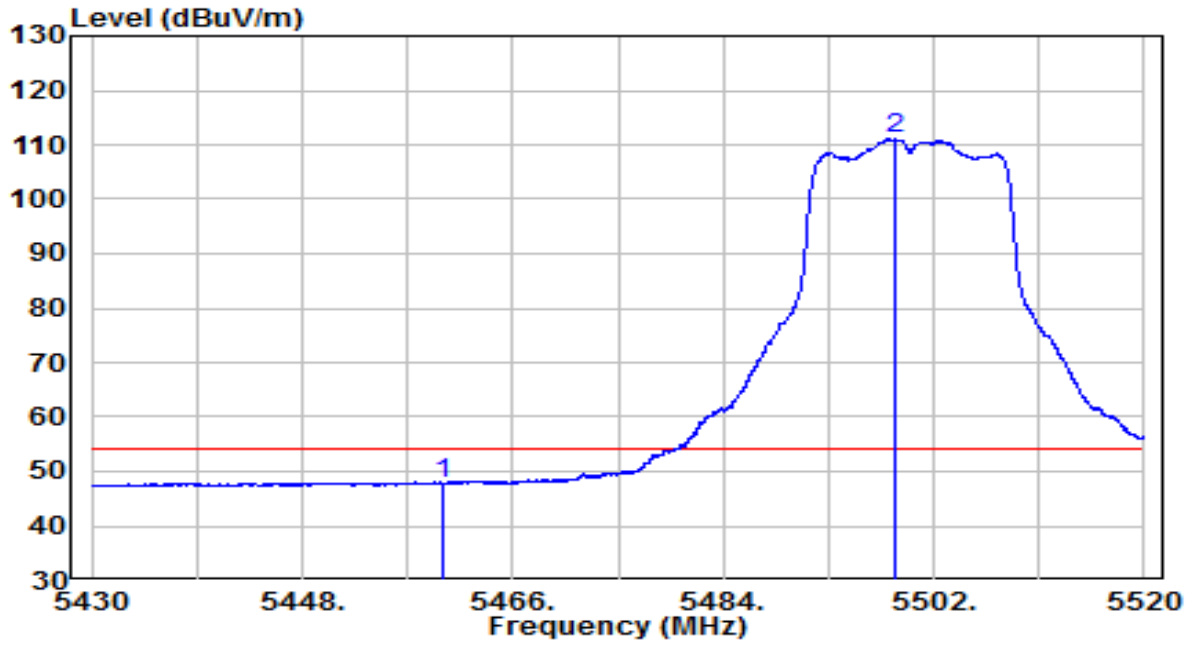
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	27.05	20.70	47.76	-6.24	54.00	Average
2	*	5498.625	90.25	20.77	111.02	N/A	N/A	Average

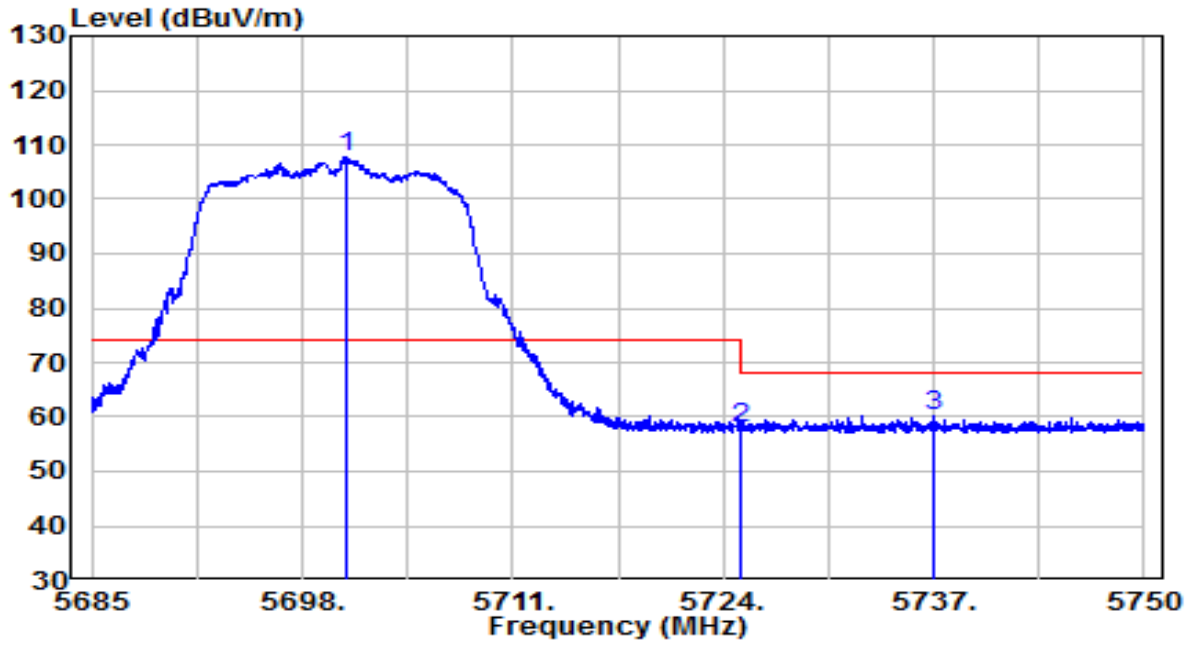
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5700.697	86.18	21.50	107.68	N/A	N/A	Peak
2		5725.000	36.29	21.59	57.88	-10.32	68.20	Peak
3		5737.000	38.64	21.63	60.27	-7.93	68.20	Peak

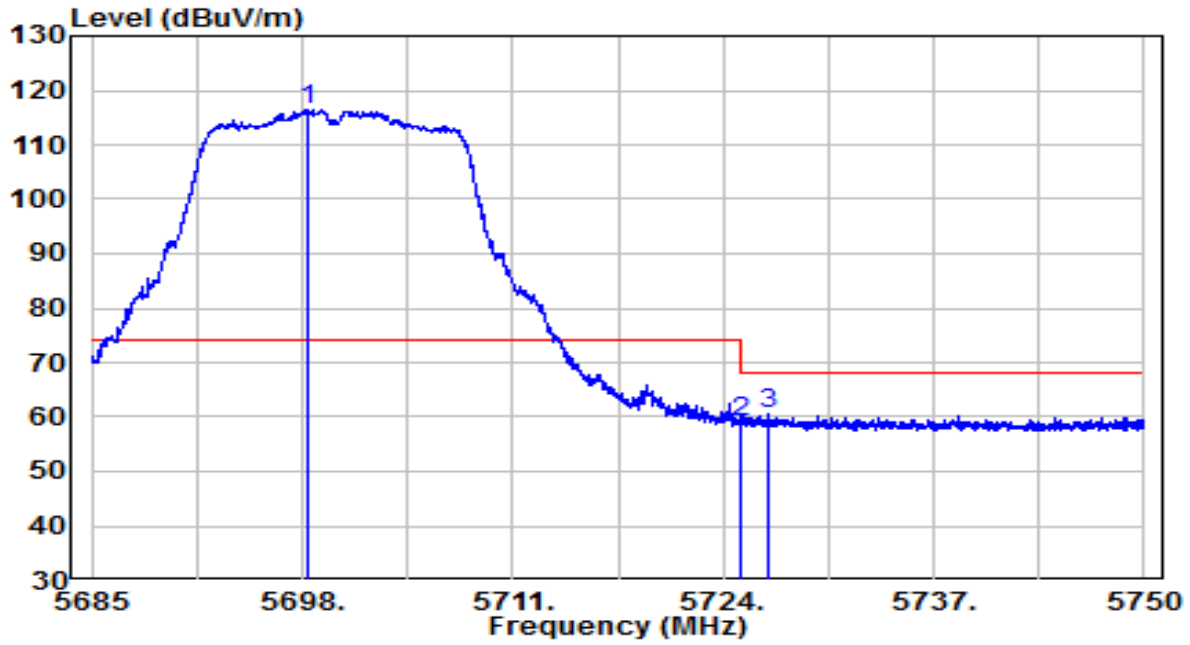
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5698.292	94.94	21.49	116.43	N/A	N/A	Peak
2		5725.000	37.42	21.59	59.01	-9.19	68.20	Peak
3		5726.763	38.81	21.60	60.40	-7.80	68.20	Peak

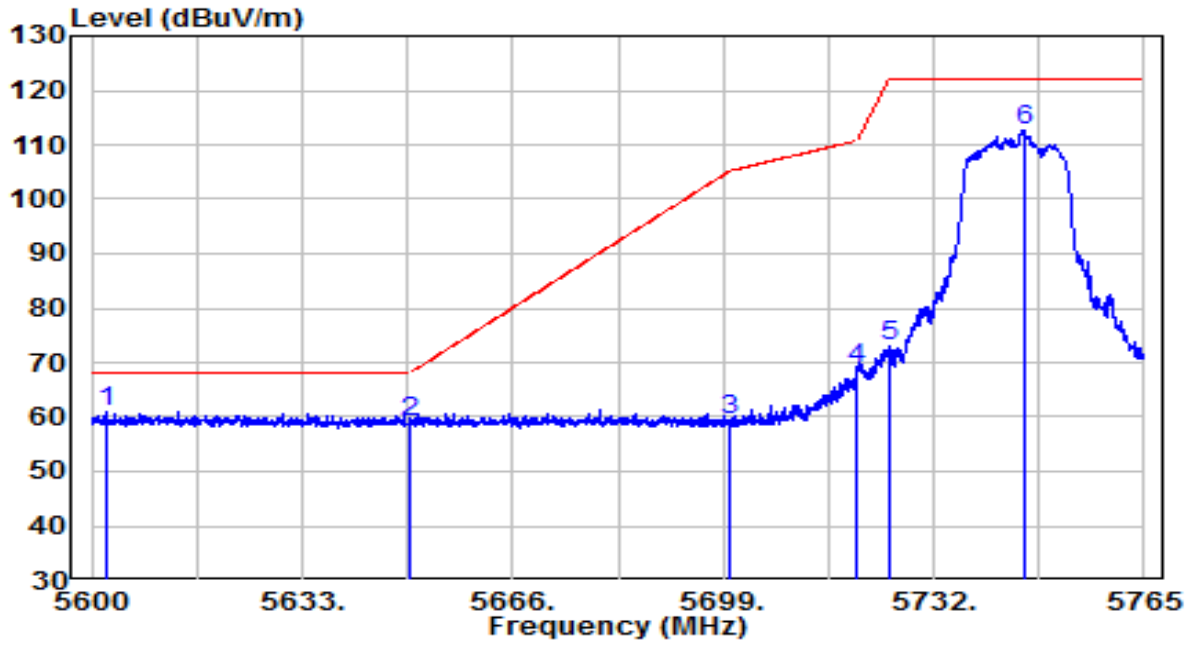
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5602.145	39.93	21.14	61.07	-7.13	68.20	Peak
2		5650.000	37.73	21.32	59.04	-9.16	68.20	Peak
3		5700.000	38.02	21.50	59.52	-45.68	105.20	Peak
4		5720.000	47.35	21.57	68.92	-41.88	110.80	Peak
5		5725.000	51.27	21.59	72.86	-49.34	122.20	Peak
6		5746.355	90.95	21.67	112.62	N/A	N/A	Peak

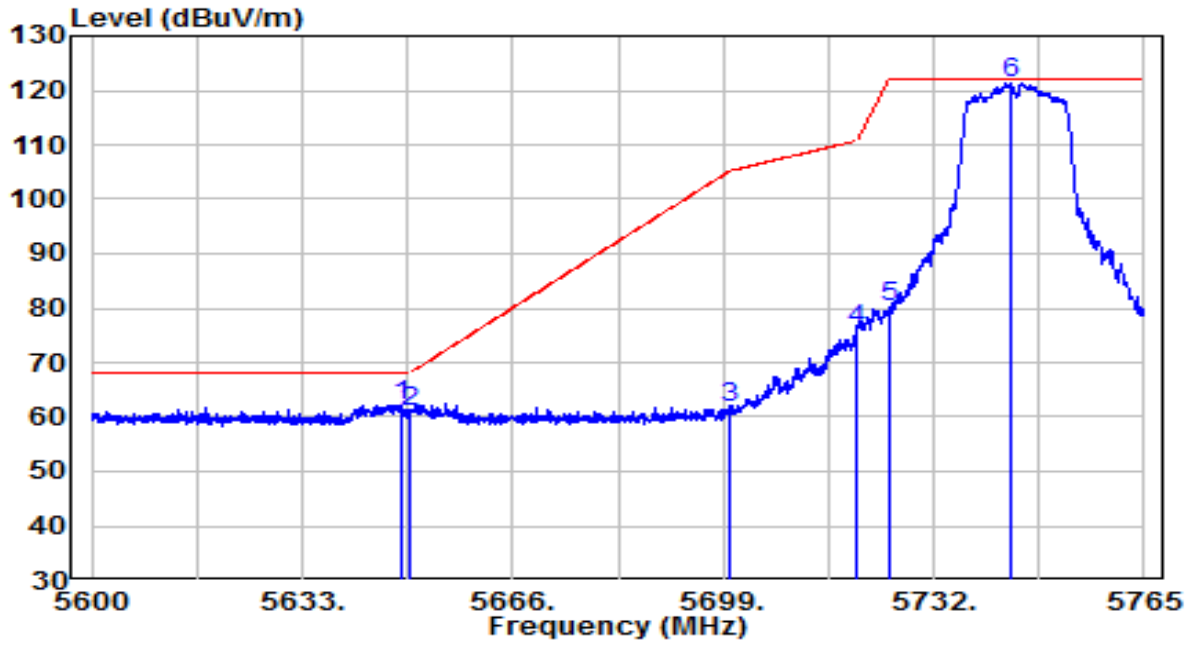
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5648.510	40.94	21.31	62.25	-5.95	68.20	Peak
2		5650.000	39.76	21.32	61.07	-7.13	68.20	Peak
3		5700.000	40.08	21.50	61.58	-43.62	105.20	Peak
4		5720.000	54.60	21.57	76.17	-34.63	110.80	Peak
5		5725.000	58.46	21.59	80.05	-42.15	122.20	Peak
6	*	5744.292	99.75	21.66	121.41	N/A	N/A	Peak

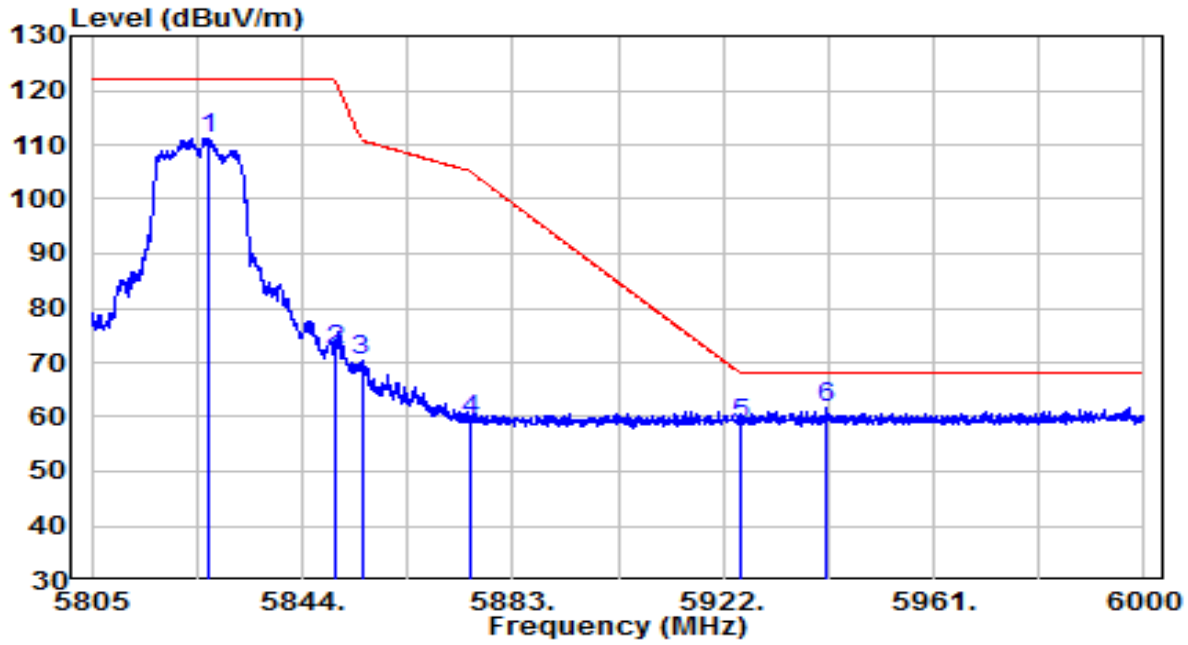
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5826.547	89.28	21.96	111.24	N/A	N/A	Peak
2		5850.000	50.15	22.04	72.20	-50.00	122.20	Peak
3		5855.000	48.35	22.06	70.41	-40.39	110.80	Peak
4		5875.000	37.39	22.14	59.52	-45.68	105.20	Peak
5		5925.000	36.53	22.32	58.85	-9.35	68.20	Peak
6	*	5941.208	39.30	22.38	61.67	-6.53	68.20	Peak

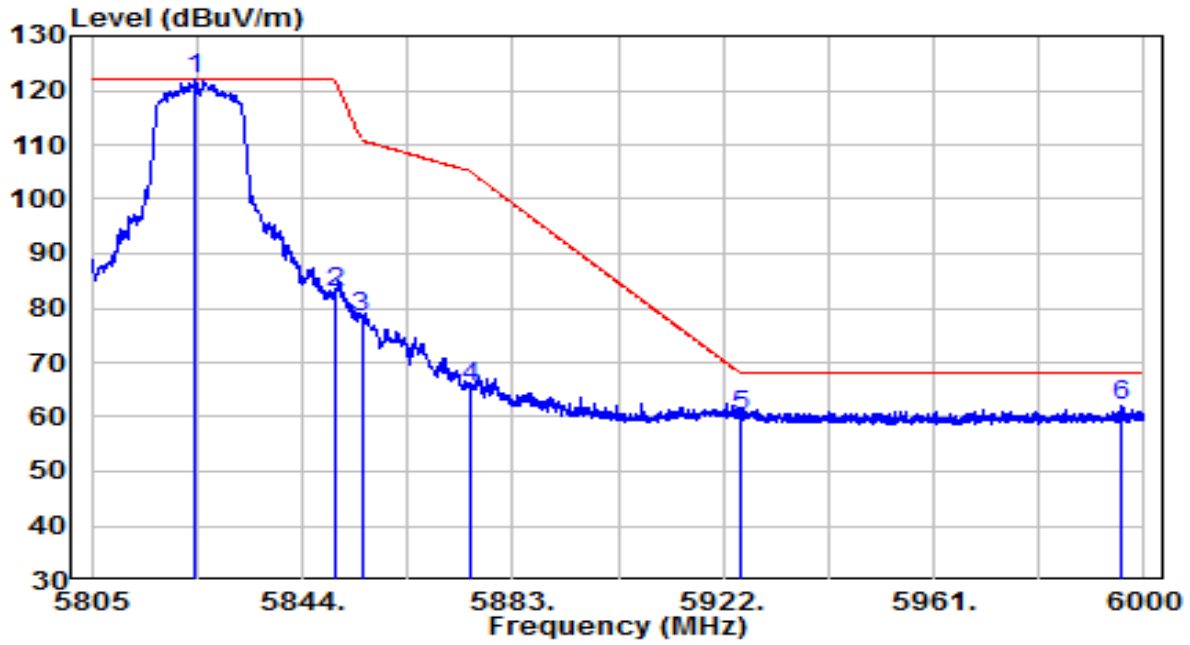
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5824.208	99.97	21.95	121.92	N/A	N/A	Peak
2		5850.000	60.66	22.04	82.70	-39.50	122.20	Peak
3		5855.000	56.12	22.06	78.18	-32.62	110.80	Peak
4		5875.000	43.52	22.14	65.66	-39.54	105.20	Peak
5		5925.000	38.03	22.32	60.35	-7.85	68.20	Peak
6		5995.905	39.49	22.58	62.06	-6.14	68.20	Peak

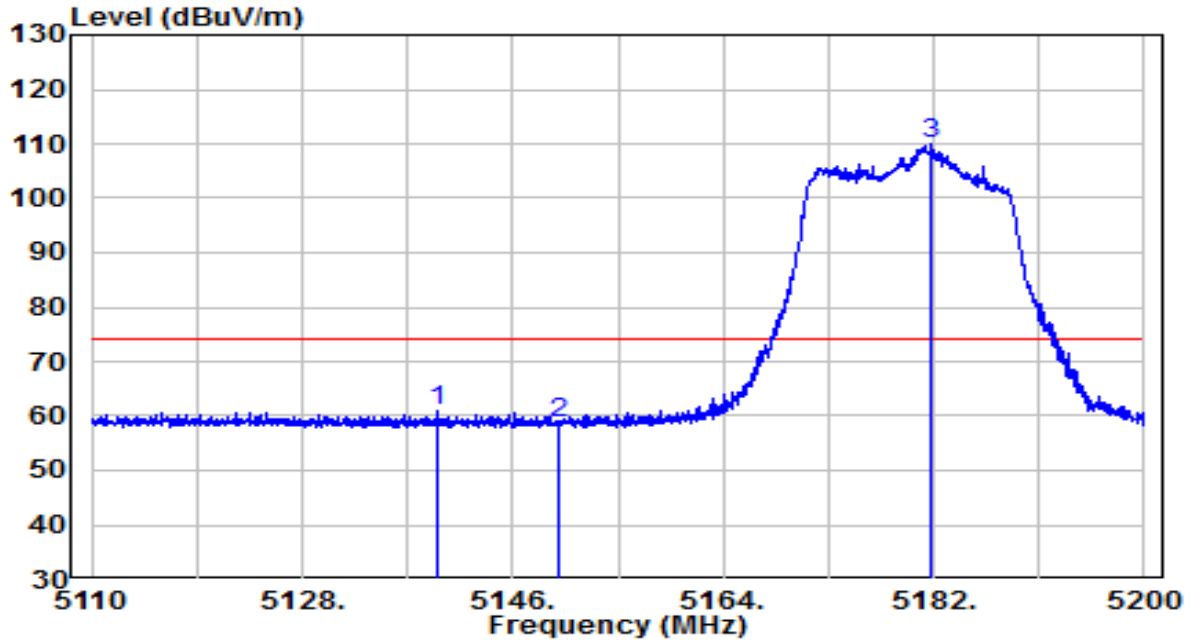
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5139.475	40.60	20.18	60.78	-13.22	74.00	Peak
2		5150.000	38.57	20.20	58.77	-15.23	74.00	Peak
3	*	5181.820	89.79	20.25	110.04	N/A	N/A	Peak

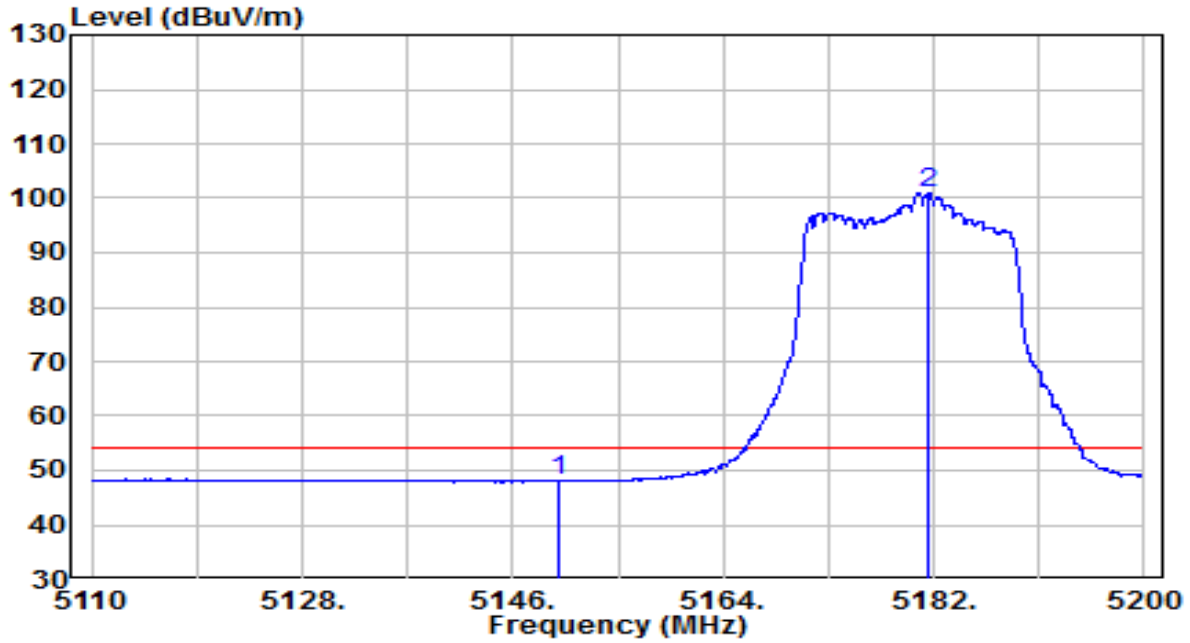
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

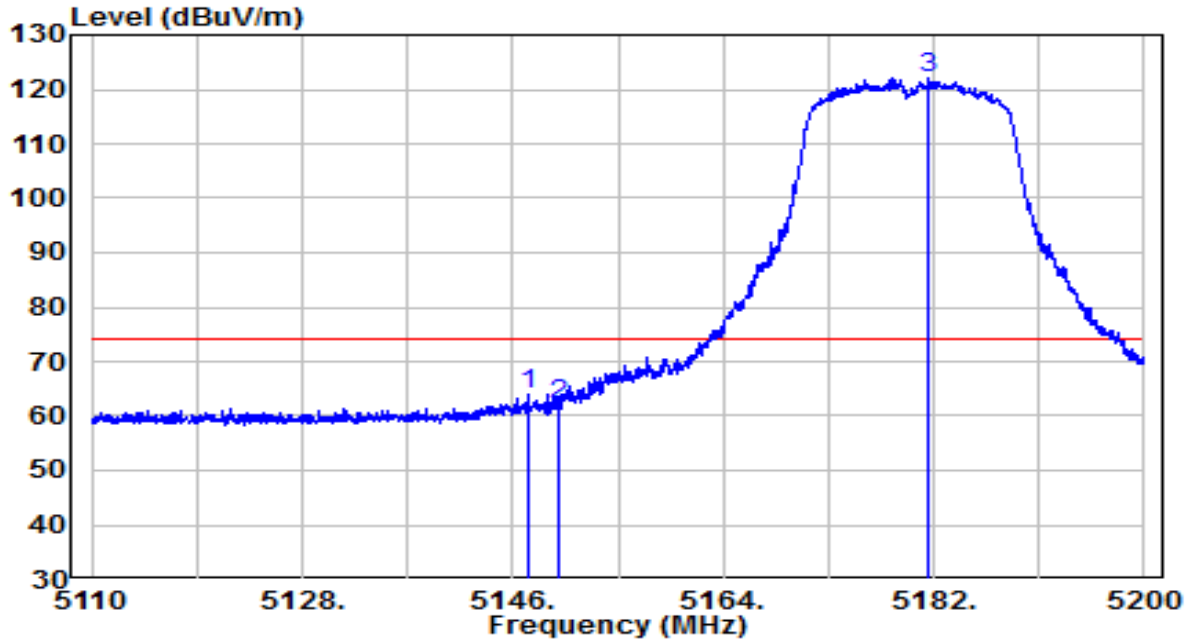


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.91	20.20	48.10	-5.90	54.00	Average
2	*	5181.550	80.71	20.25	100.96	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5147.305	43.83	20.19	64.03	-9.97	74.00	Peak
2		5150.000	41.94	20.20	62.14	-11.86	74.00	Peak
3	*	5181.640	101.83	20.25	122.08	N/A	N/A	Peak

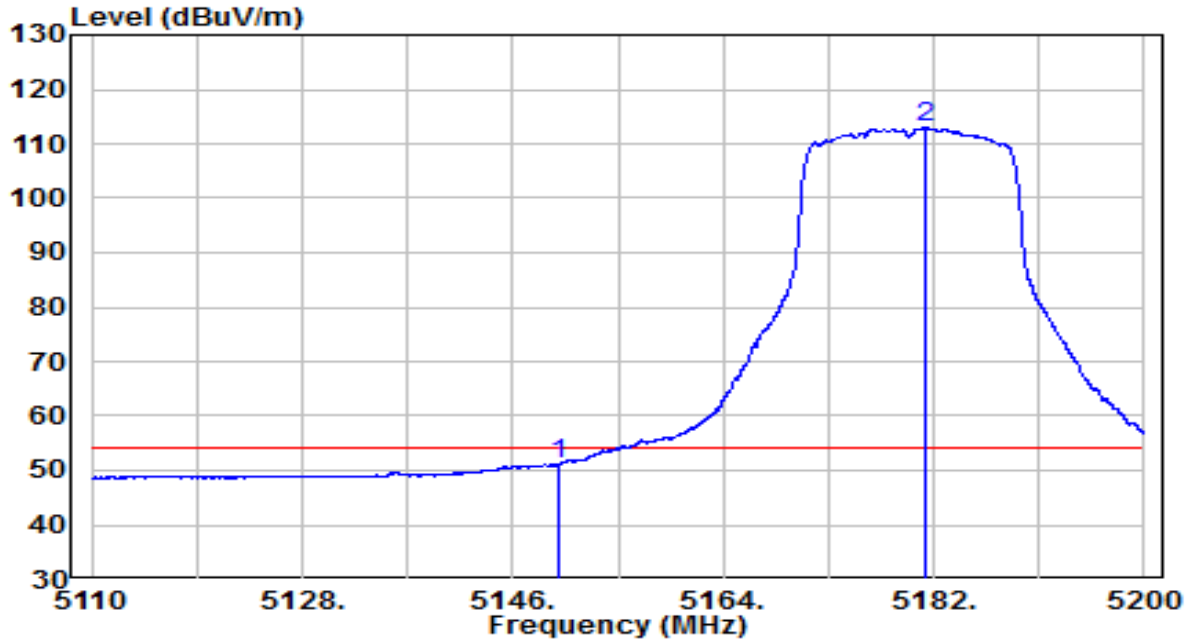
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

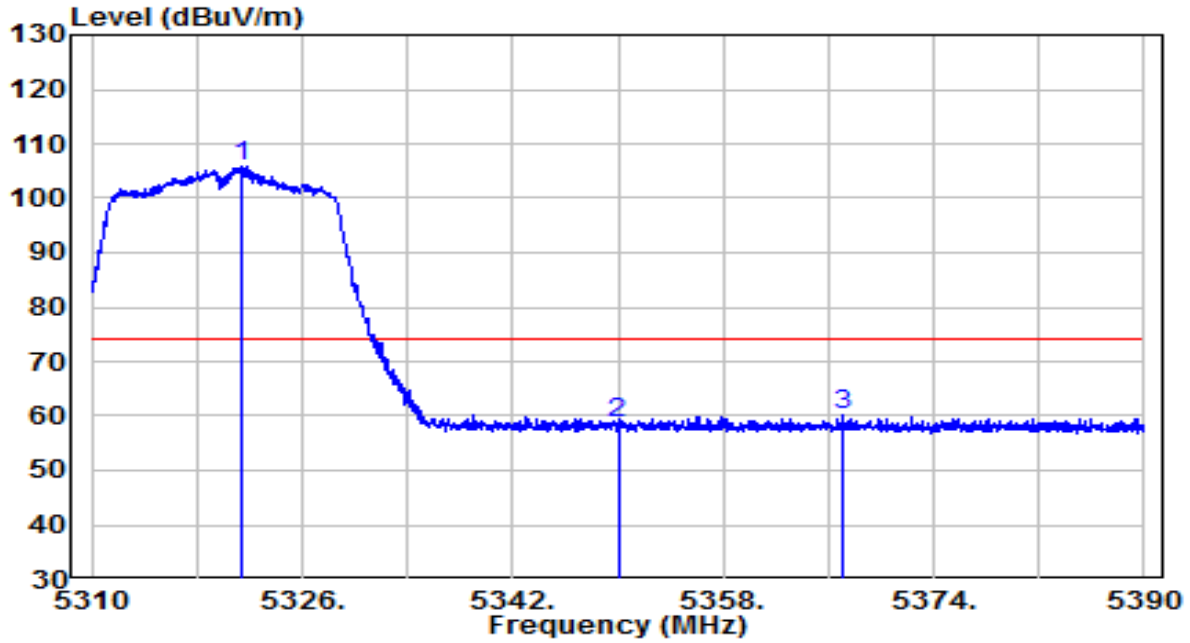


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	31.08	20.20	51.28	-2.72	54.00	Average
2	*	5181.325	92.65	20.25	112.90	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.440	85.41	20.48	105.89	N/A	N/A	Peak
2		5350.000	38.32	20.52	58.84	-15.16	74.00	Peak
3		5367.080	39.58	20.55	60.13	-13.87	74.00	Peak

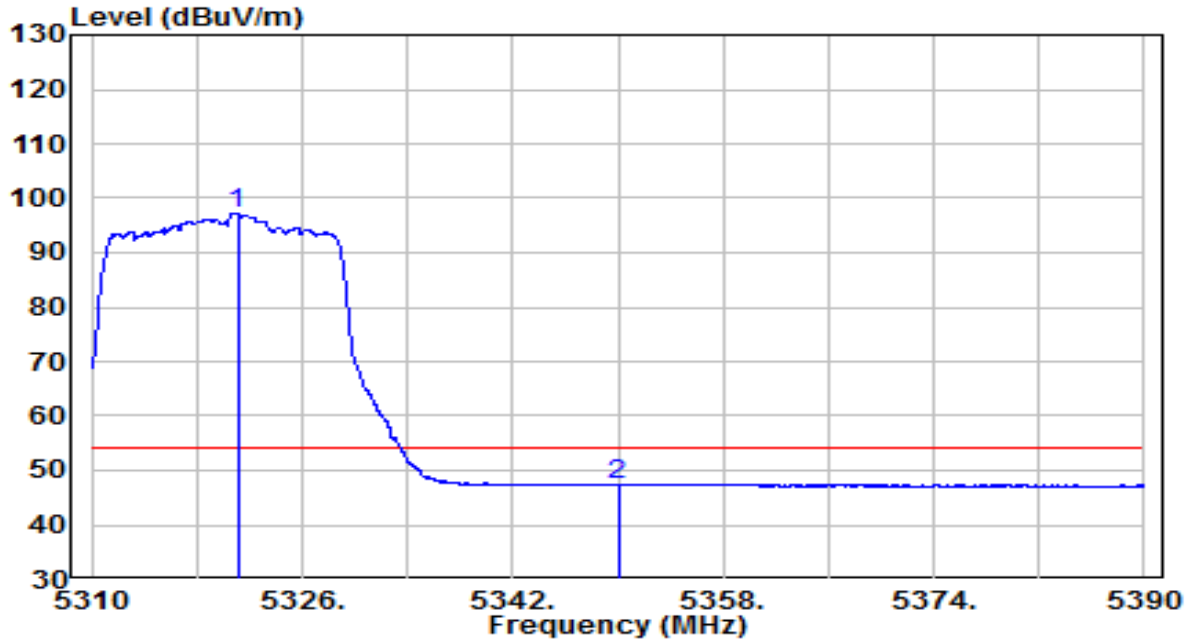
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

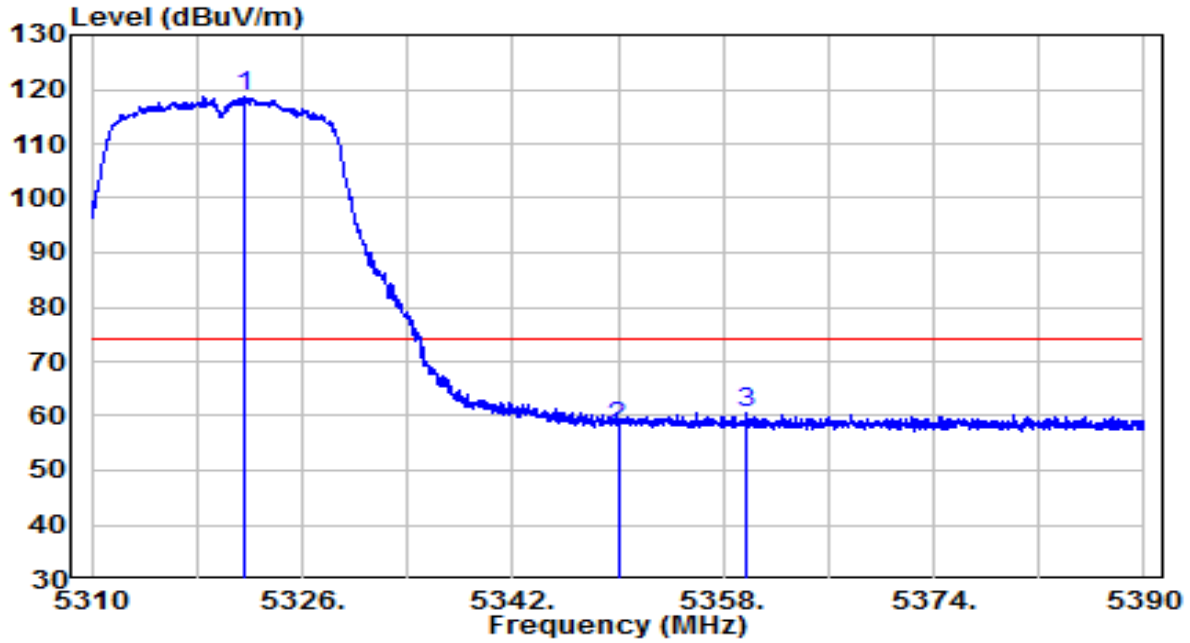


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.080	76.72	20.48	97.19	N/A	N/A	Average
2		5350.000	26.73	20.52	47.26	-6.74	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.600	98.34	20.48	118.81	N/A	N/A	Peak
2		5350.000	37.54	20.52	58.07	-15.93	74.00	Peak
3		5359.760	40.08	20.54	60.62	-13.38	74.00	Peak

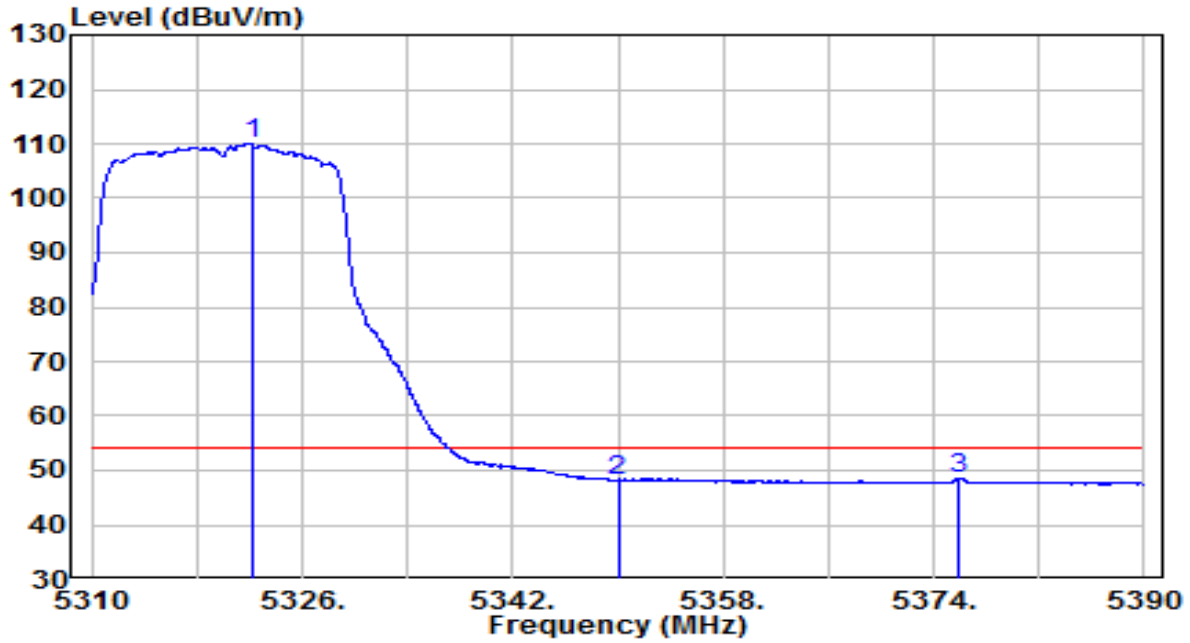
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5322.240	89.56	20.48	110.04	N/A	N/A	Average
2		5350.000	27.68	20.52	48.20	-5.80	54.00	Average
3		5375.920	28.11	20.57	48.67	-5.33	54.00	Average

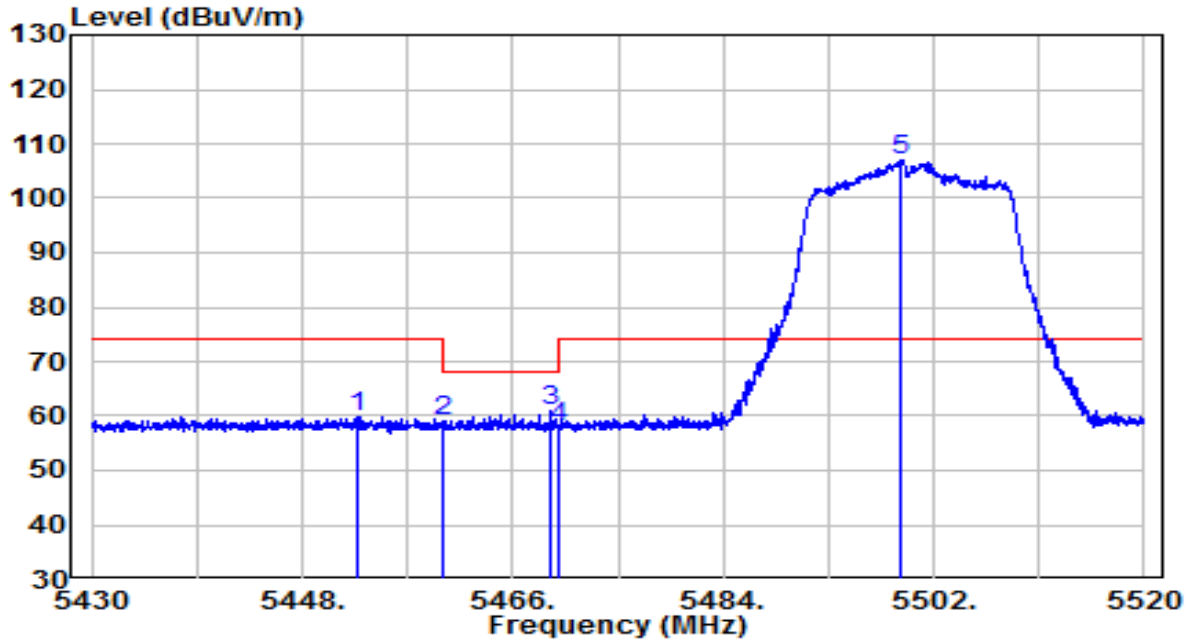
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5452.635	39.31	20.69	60.00	-14.00	74.00	Peak
2		5460.000	38.17	20.70	58.87	-9.33	68.20	Peak
3		5469.240	40.12	20.72	60.84	-7.36	68.20	Peak
4		5470.000	37.20	20.72	57.92	-10.28	68.20	Peak
5	*	5499.165	86.40	20.77	107.17	N/A	N/A	Peak

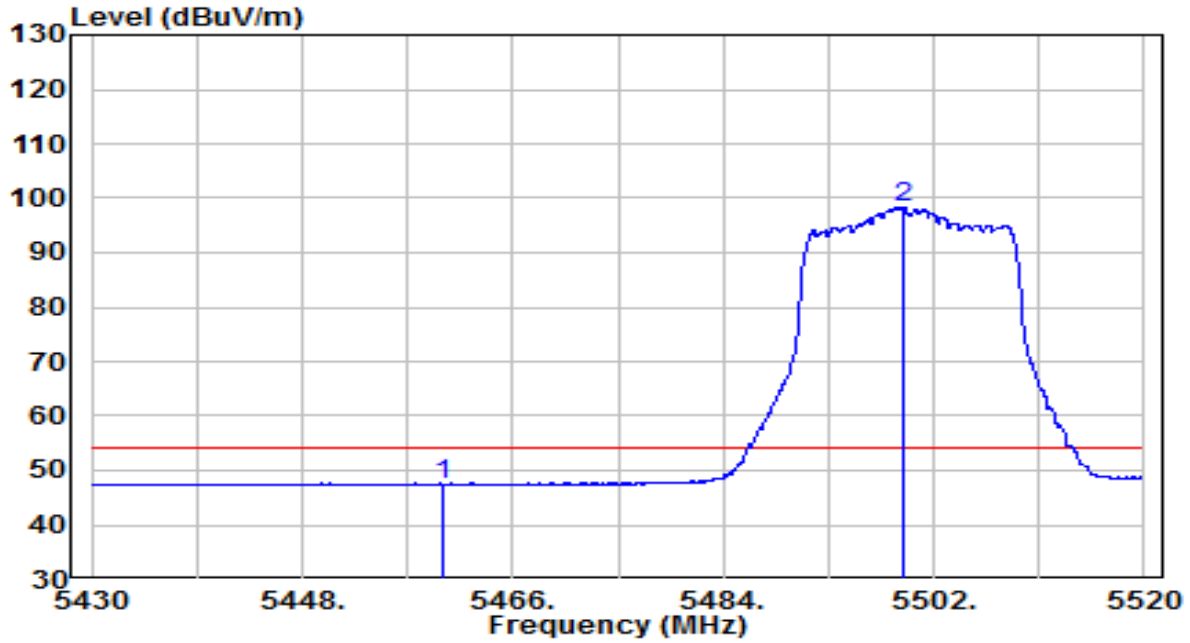
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

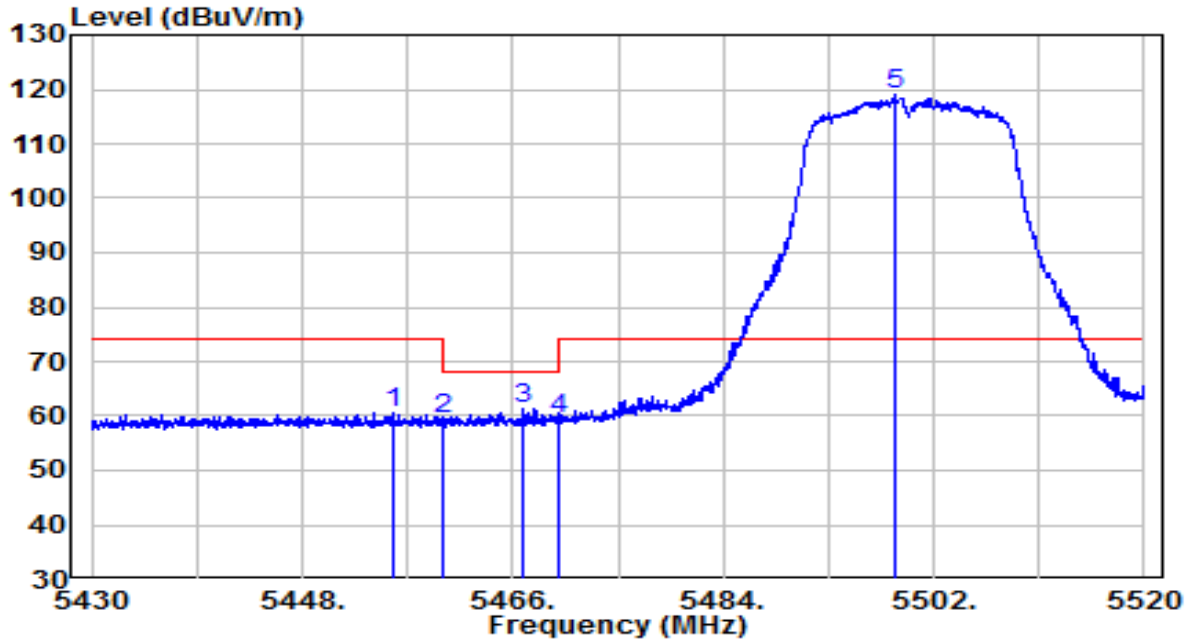


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.75	20.70	47.45	-6.55	54.00	Average
2	*	5499.345	77.57	20.77	98.34	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5455.695	39.90	20.70	60.59	-13.41	74.00	Peak
2		5460.000	38.72	20.70	59.43	-8.77	68.20	Peak
3		5466.900	40.71	20.72	61.43	-6.77	68.20	Peak
4		5470.000	38.56	20.72	59.28	-8.92	68.20	Peak
5	*	5498.670	98.18	20.77	118.95	N/A	N/A	Peak

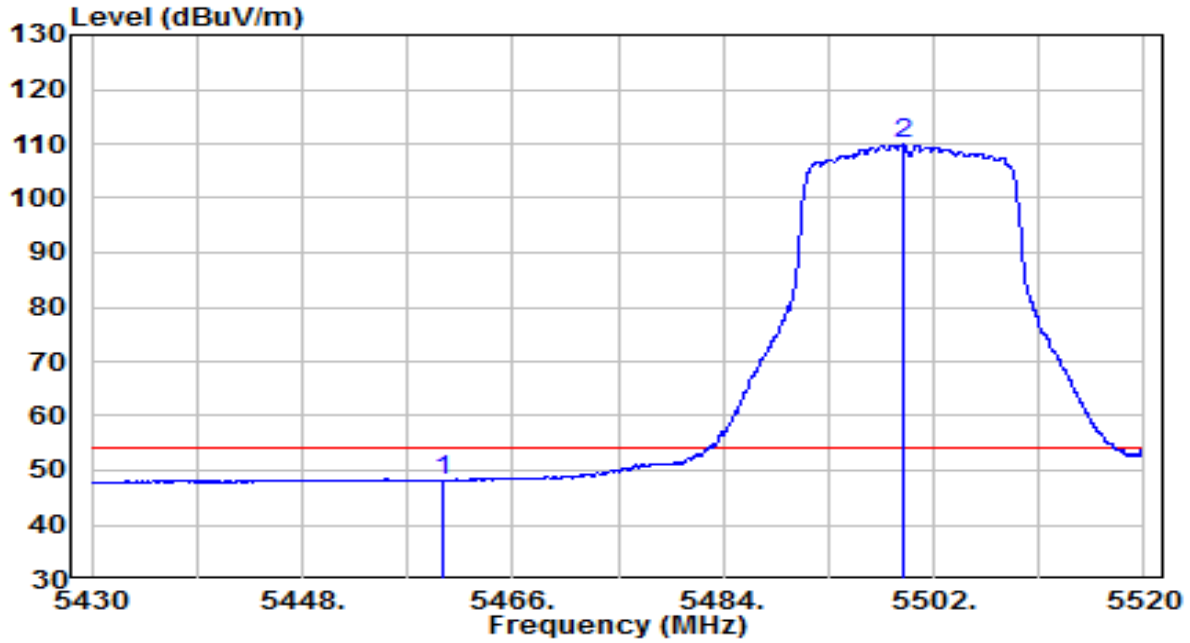
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

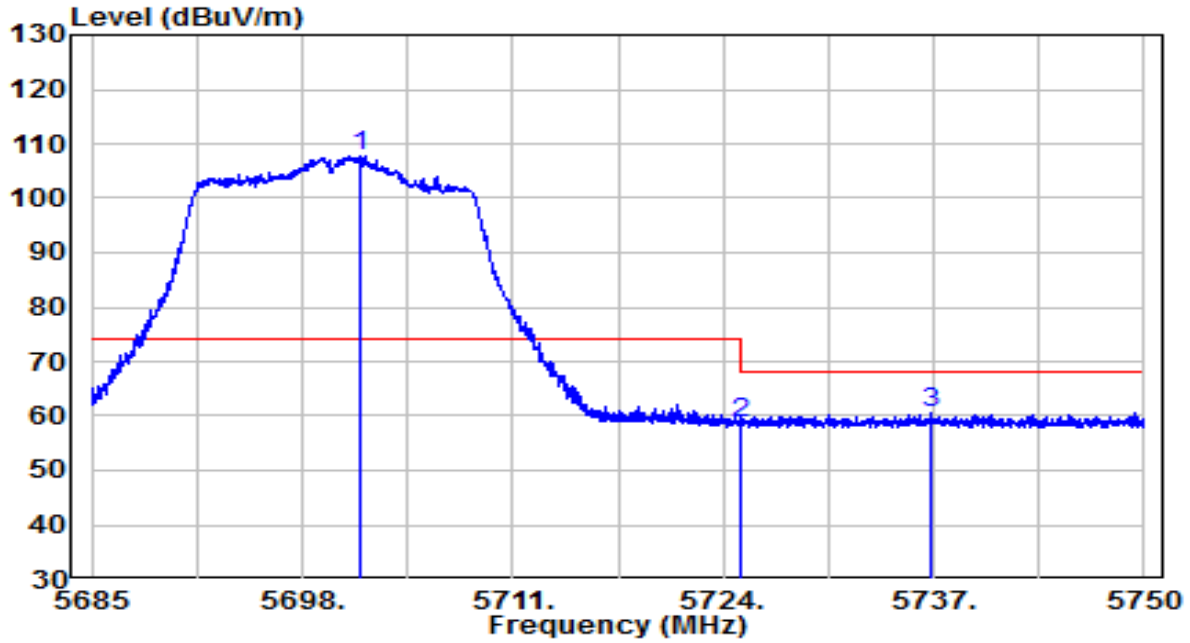


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	27.49	20.70	48.19	-5.81	54.00	Average
2	*	5499.390	89.08	20.77	109.85	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5701.640	86.33	21.50	107.83	N/A	N/A	Peak
2		5725.000	37.17	21.59	58.76	-9.44	68.20	Peak
3		5736.772	38.99	21.63	60.62	-7.58	68.20	Peak

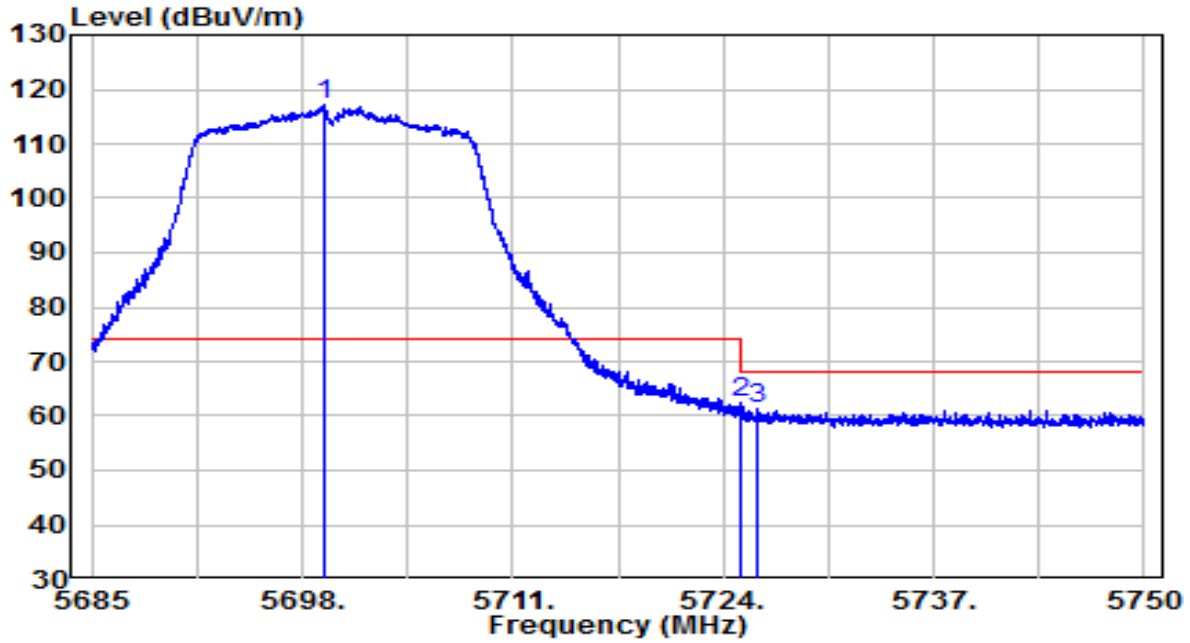
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5699.333	95.49	21.50	116.99	N/A	N/A	Peak
2		5725.000	40.82	21.59	62.41	-5.79	68.20	Peak
3		5726.145	39.69	21.59	61.28	-6.92	68.20	Peak

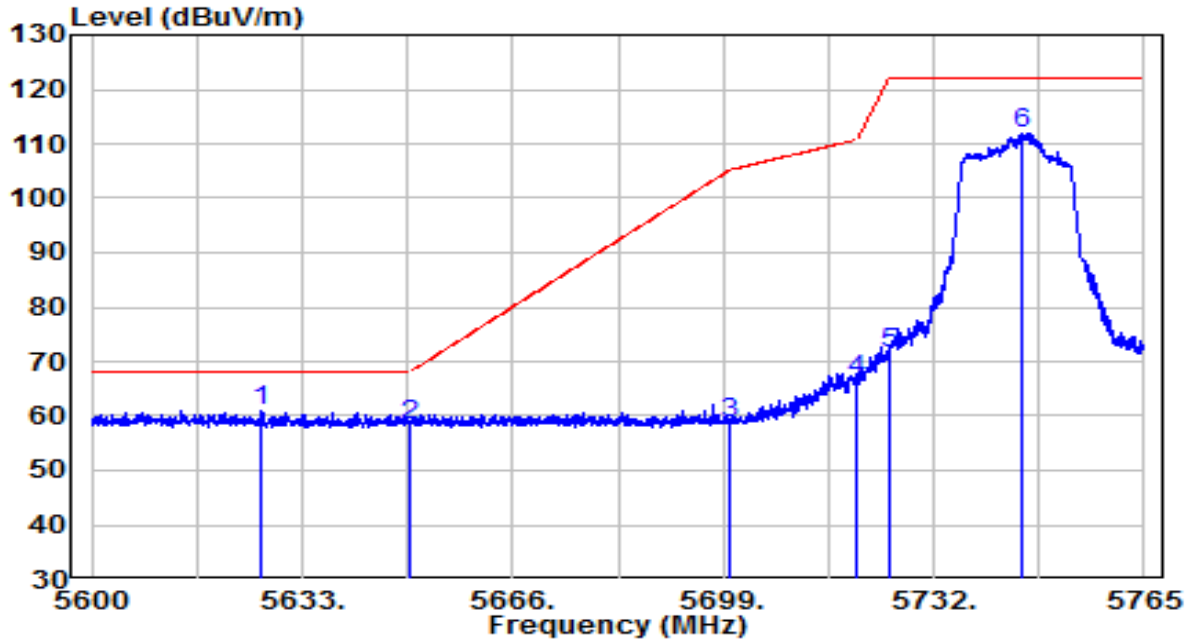
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5626.565	39.67	21.23	60.90	-7.30	68.20	Peak
2		5650.000	37.11	21.32	58.42	-9.78	68.20	Peak
3		5700.000	37.30	21.50	58.80	-46.40	105.20	Peak
4		5720.000	45.06	21.57	66.63	-44.17	110.80	Peak
5		5725.000	49.83	21.59	71.42	-50.78	122.20	Peak
6		5746.025	90.26	21.67	111.93	N/A	N/A	Peak

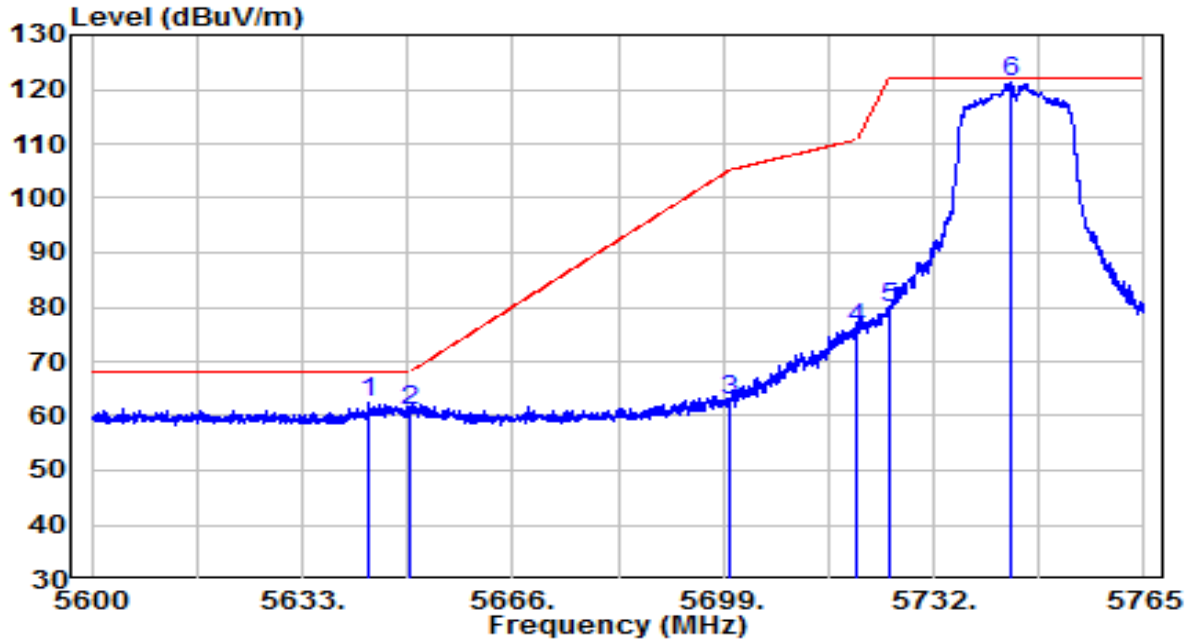
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5643.560	40.97	21.29	62.27	-5.93	68.20	Peak
2		5650.000	39.80	21.32	61.11	-7.09	68.20	Peak
3		5700.000	41.25	21.50	62.75	-42.45	105.20	Peak
4		5720.000	54.47	21.57	76.04	-34.76	110.80	Peak
5		5725.000	58.33	21.59	79.92	-42.28	122.20	Peak
6	*	5744.292	99.63	21.66	121.29	N/A	N/A	Peak

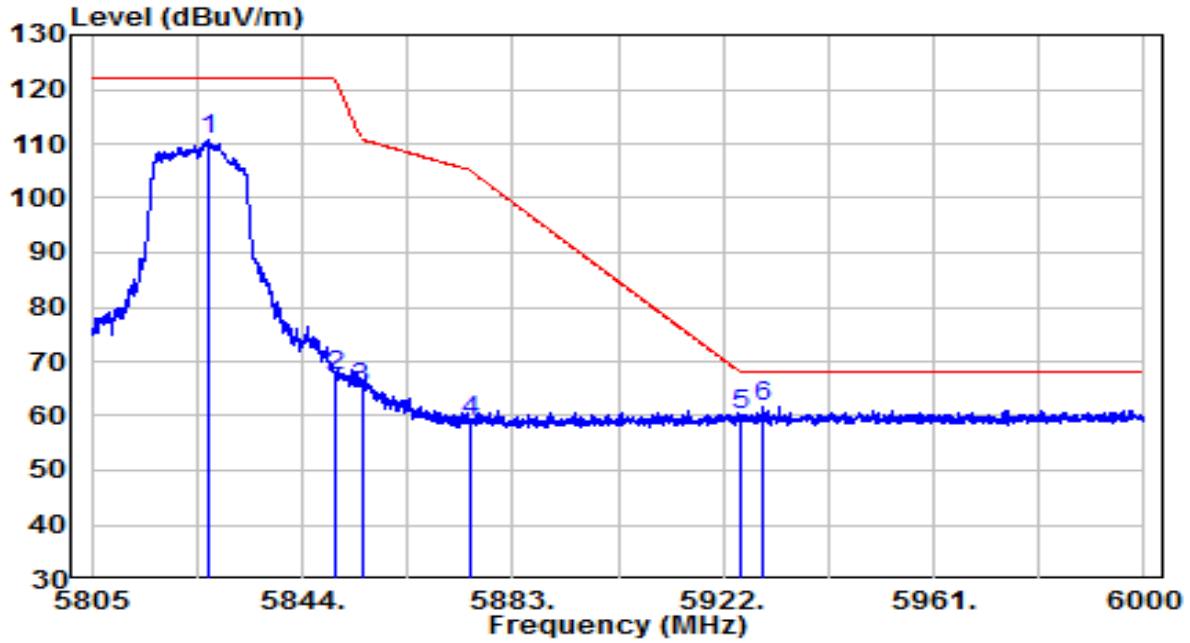
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5826.645	88.79	21.96	110.75	N/A	N/A	Peak
2		5850.000	45.21	22.04	67.25	-54.95	122.20	Peak
3		5855.000	42.94	22.06	65.00	-45.80	110.80	Peak
4		5875.000	37.11	22.14	59.24	-45.96	105.20	Peak
5		5925.000	37.95	22.32	60.26	-7.94	68.20	Peak
6	*	5929.410	39.19	22.33	61.52	-6.68	68.20	Peak

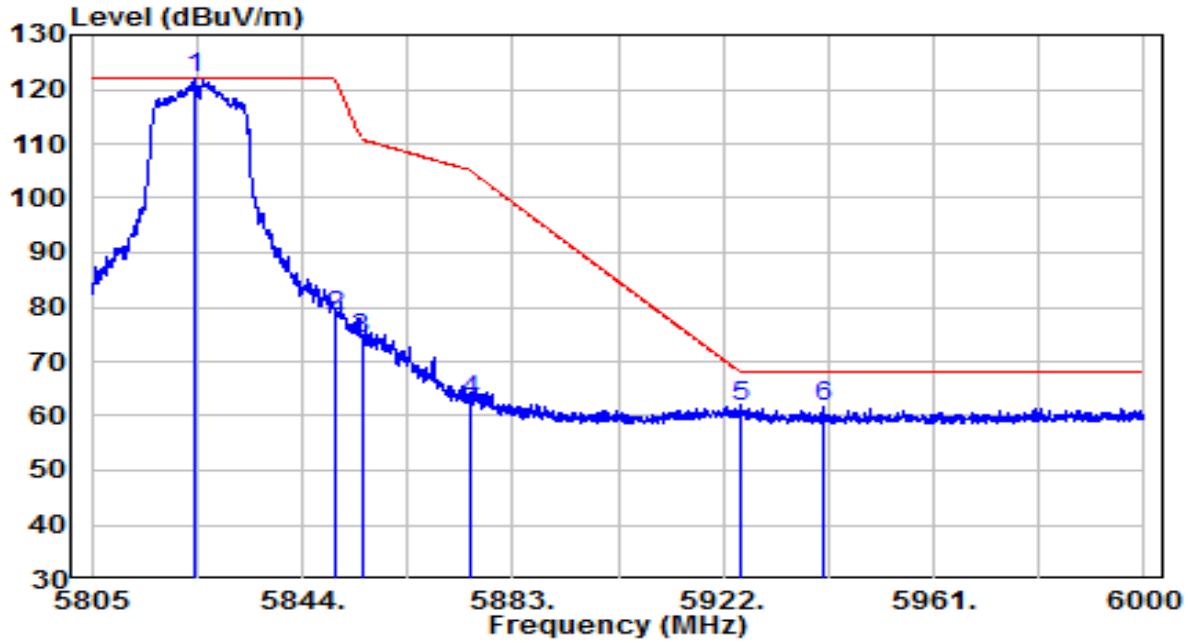
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5824.208	100.18	21.95	122.13	N/A	N/A	Peak
2		5850.000	56.41	22.04	78.46	-43.74	122.20	Peak
3		5855.000	52.05	22.06	74.11	-36.69	110.80	Peak
4		5875.000	40.65	22.14	62.79	-42.41	105.20	Peak
5		5925.000	39.47	22.32	61.79	-6.41	68.20	Peak
6		5940.720	39.31	22.37	61.69	-6.51	68.20	Peak

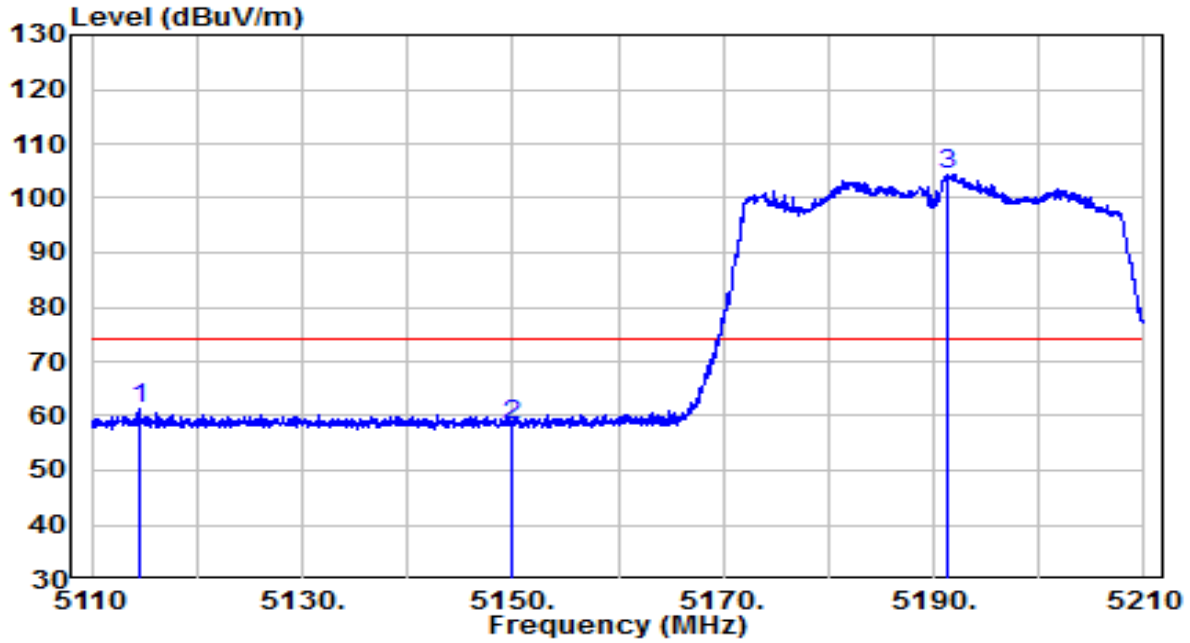
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5114.500	41.21	20.14	61.34	-12.66	74.00	Peak
2		5150.000	38.22	20.20	58.42	-15.58	74.00	Peak
3	*	5191.350	84.01	20.26	104.28	N/A	N/A	Peak

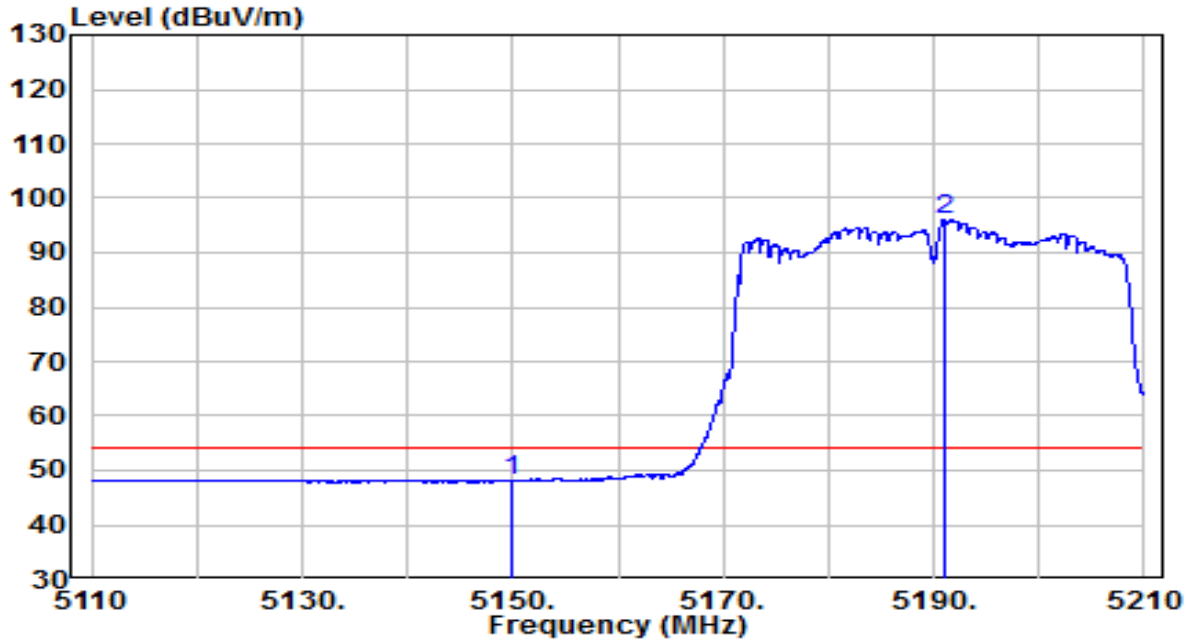
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

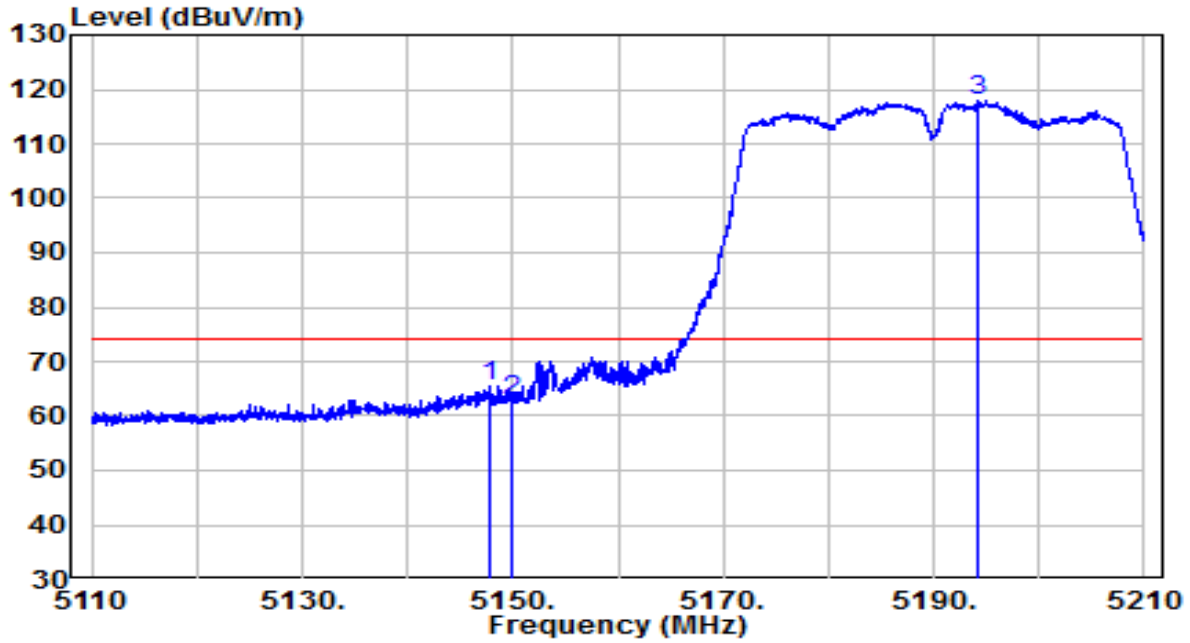


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.88	20.20	48.07	-5.93	54.00	Average
2	*	5191.050	75.70	20.26	95.97	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5147.900	45.15	20.19	65.34	-8.66	74.00	Peak
2		5150.000	42.45	20.20	62.64	-11.36	74.00	Peak
3	*	5194.250	97.65	20.27	117.92	N/A	N/A	Peak

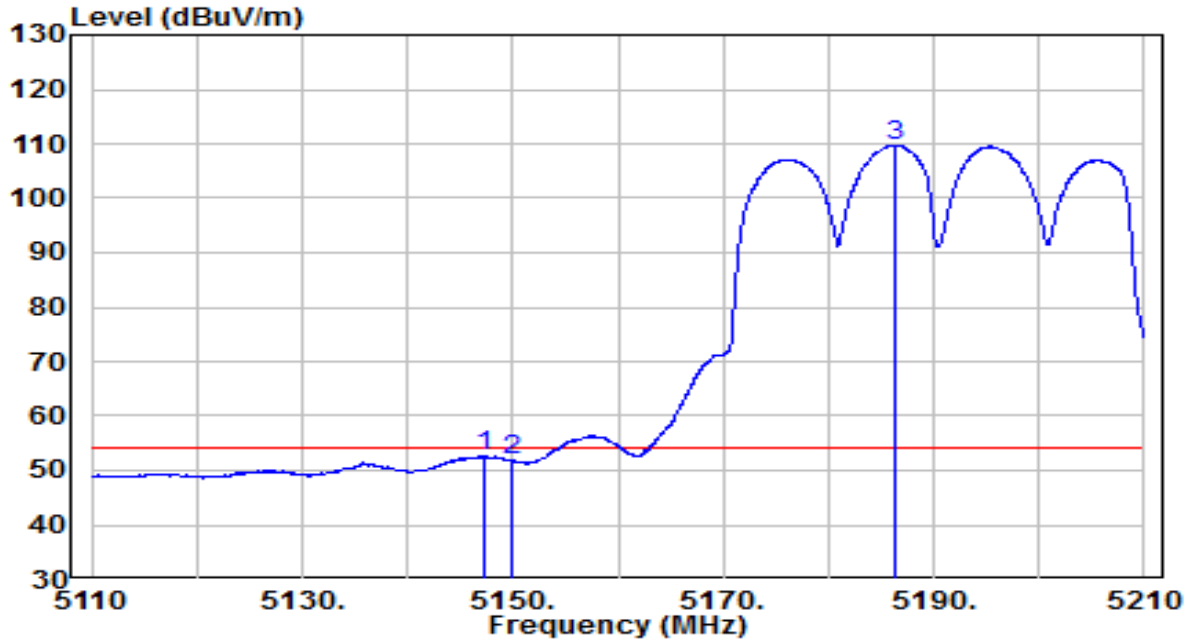
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5147.250	32.40	20.19	52.59	N/A	N/A	Average
2		5150.000	31.64	20.20	51.83	-2.17	54.00	Average
3	*	5186.400	89.39	20.26	109.65	55.65	54.00	Average

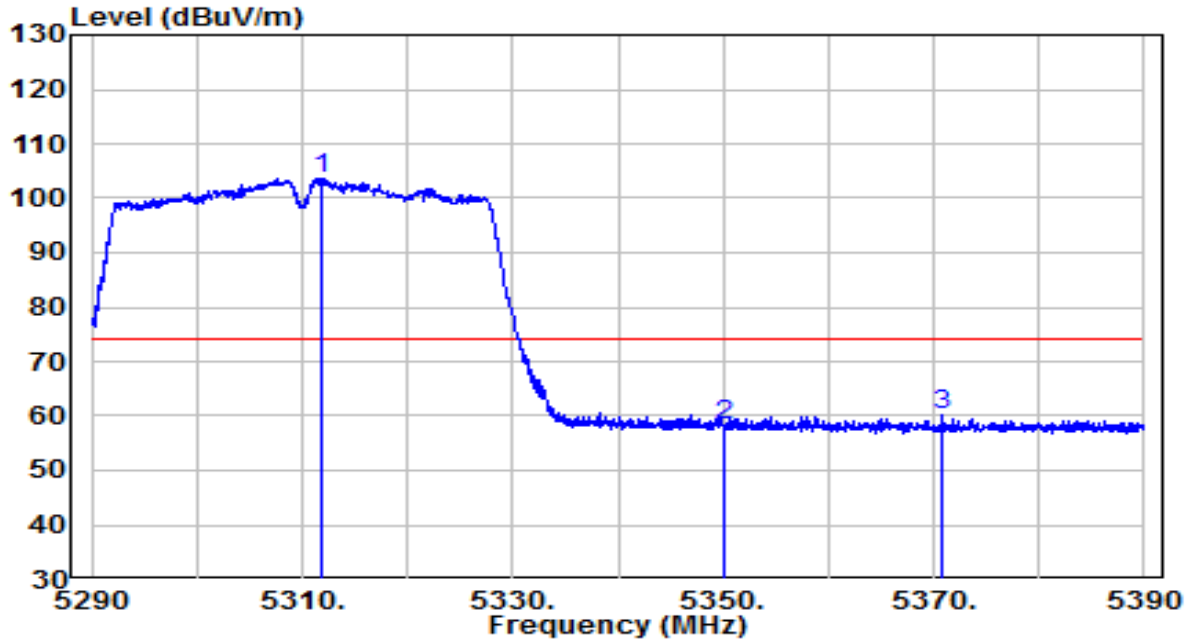
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5311.950	83.15	20.46	103.61	N/A	N/A	Peak
2		5350.000	37.89	20.52	58.41	-15.59	74.00	Peak
3		5370.750	39.49	20.56	60.04	-13.96	74.00	Peak

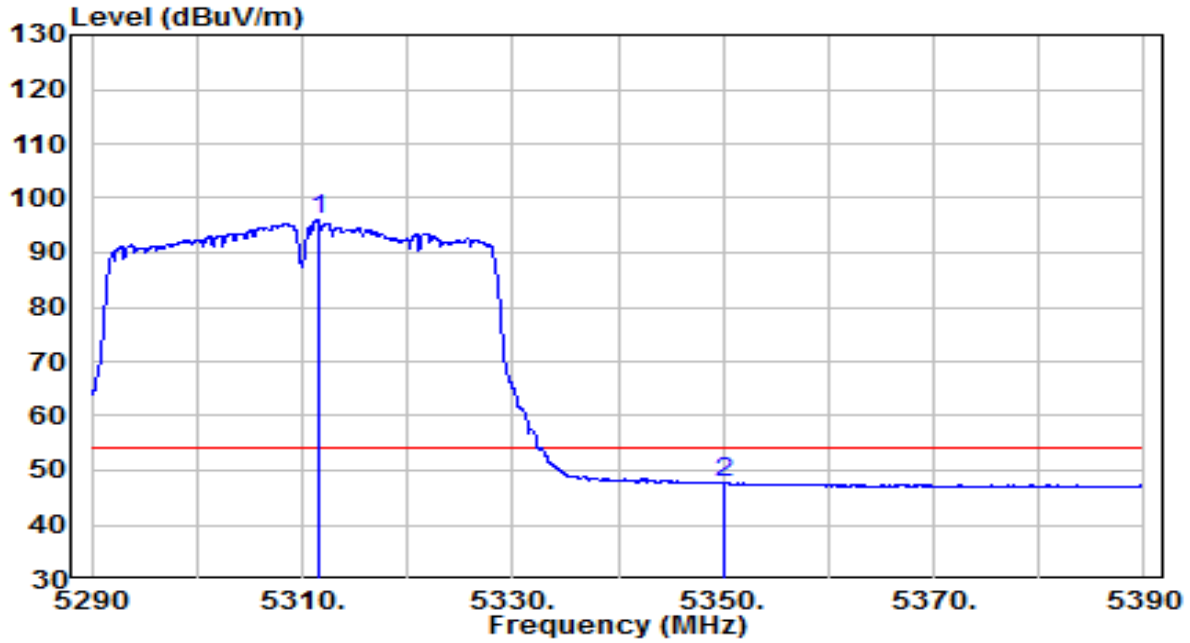
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

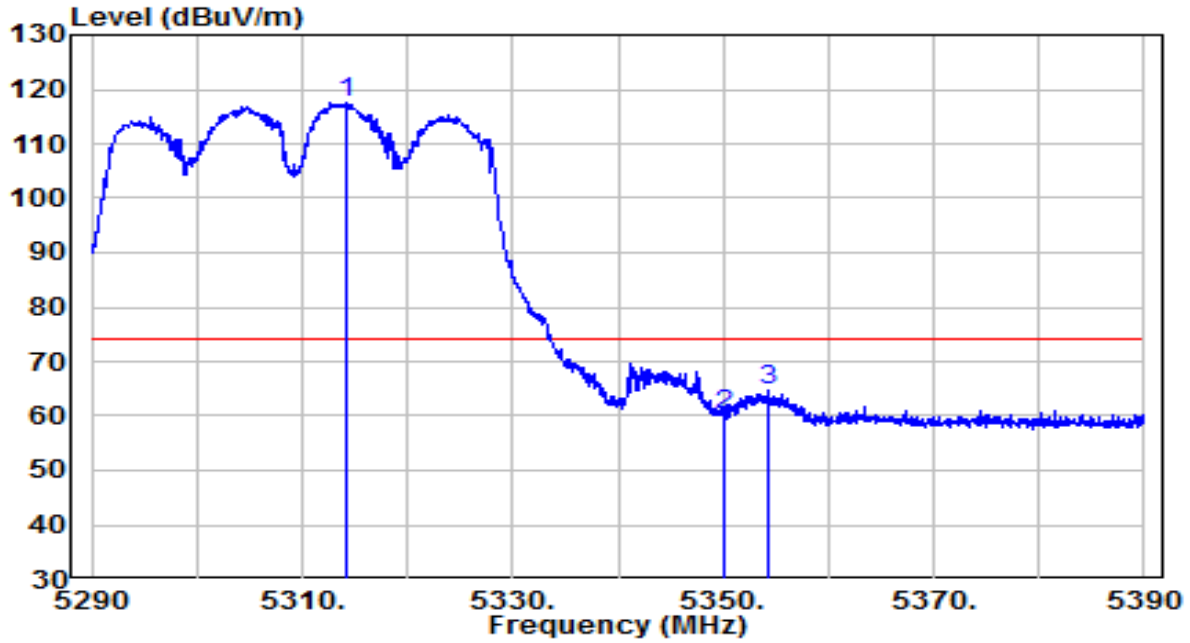


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5311.550	75.53	20.46	95.99	N/A	N/A	Average
2		5350.000	27.16	20.52	47.68	-6.32	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5314.300	97.07	20.47	117.54	N/A	N/A	Peak
2		5350.000	39.64	20.52	60.17	-13.83	74.00	Peak
3		5354.300	44.03	20.53	64.56	-9.44	74.00	Peak

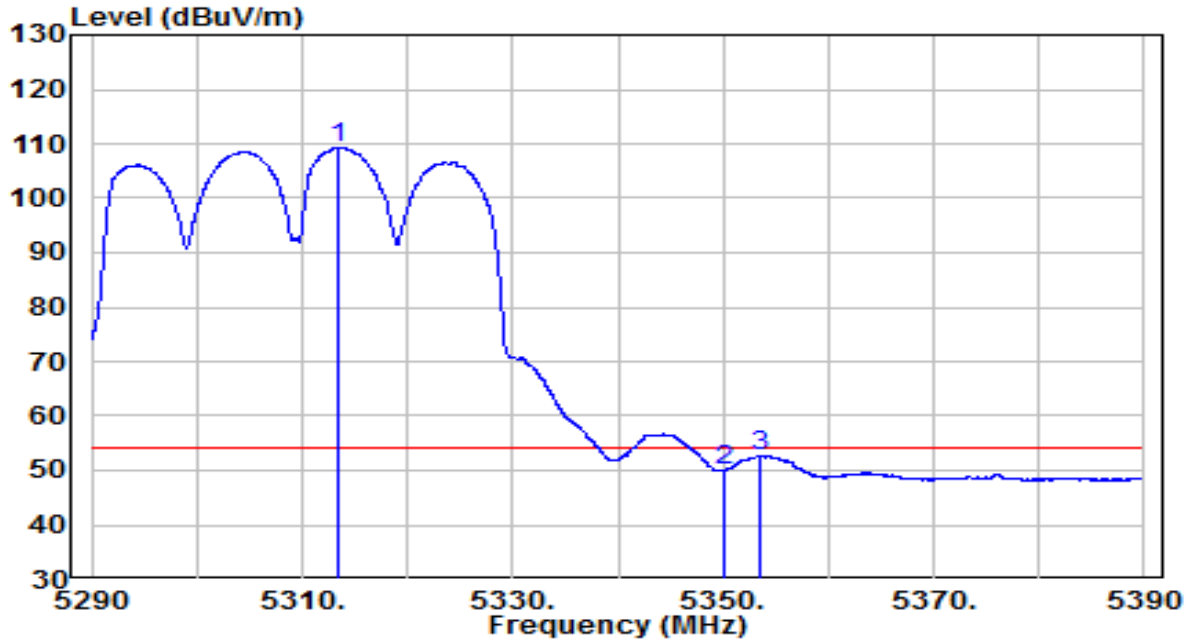
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5313.450	88.84	20.46	109.31	N/A	N/A	Average
2		5350.000	29.46	20.52	49.98	-4.02	54.00	Average
3		5353.500	32.26	20.53	52.79	-1.21	54.00	Average

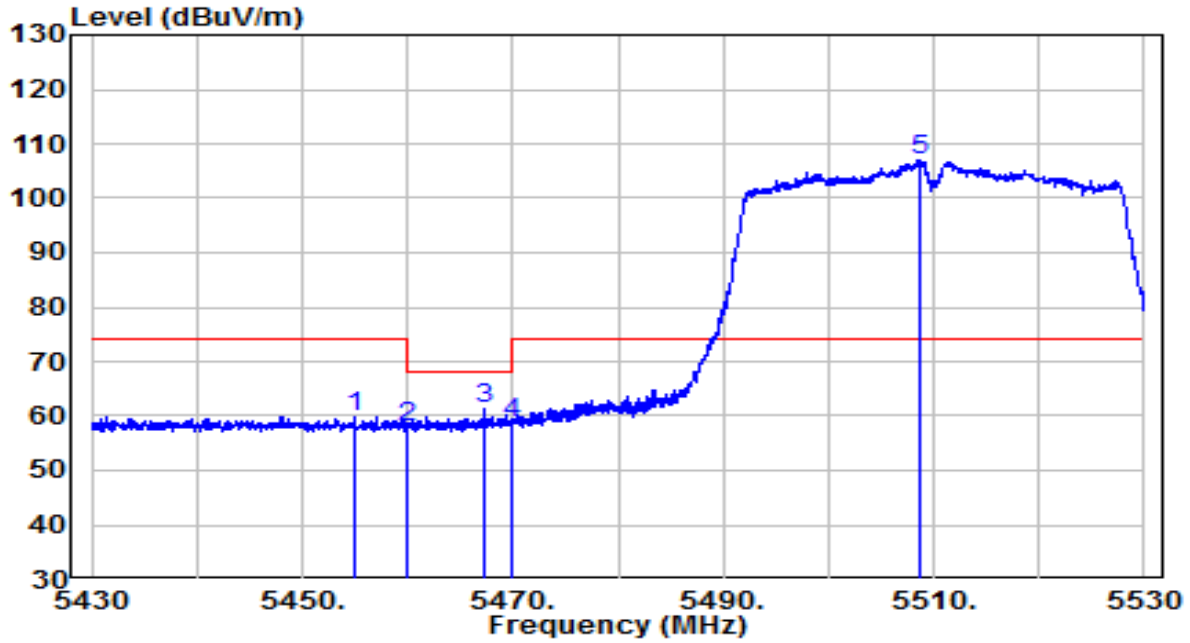
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5454.950	39.12	20.70	59.81	-14.19	74.00	Peak
2		5460.000	37.38	20.70	58.09	-10.11	68.20	Peak
3		5467.400	40.43	20.72	61.15	-7.05	68.20	Peak
4		5470.000	38.09	20.72	58.81	-9.39	68.20	Peak
5	*	5508.700	86.11	20.80	106.91	N/A	N/A	Peak

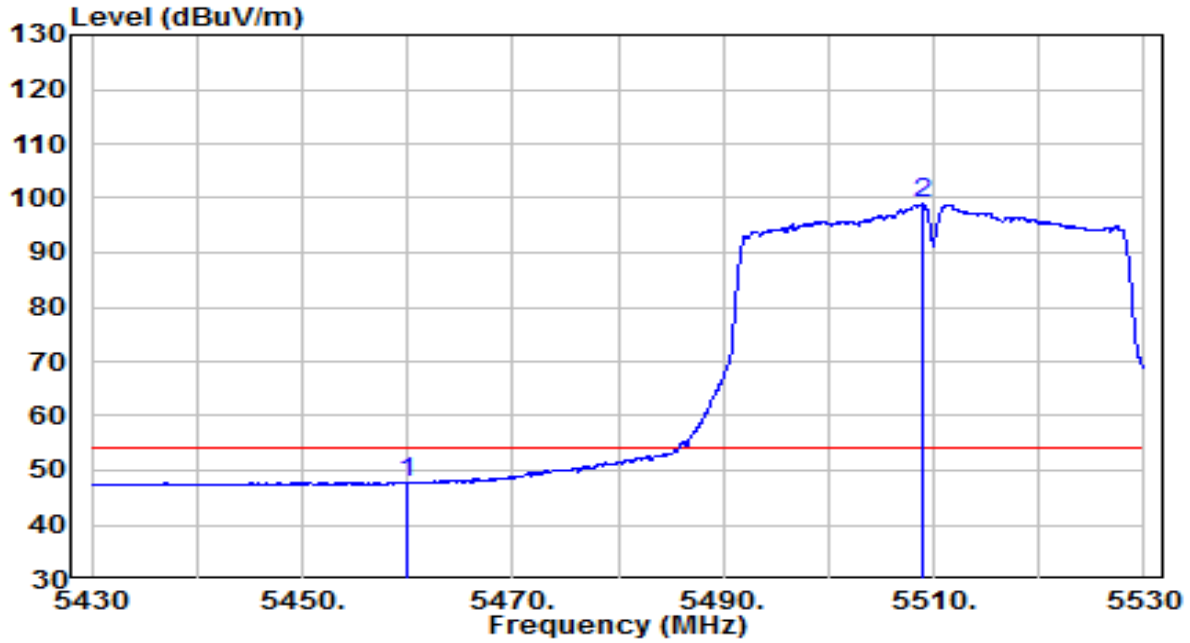
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

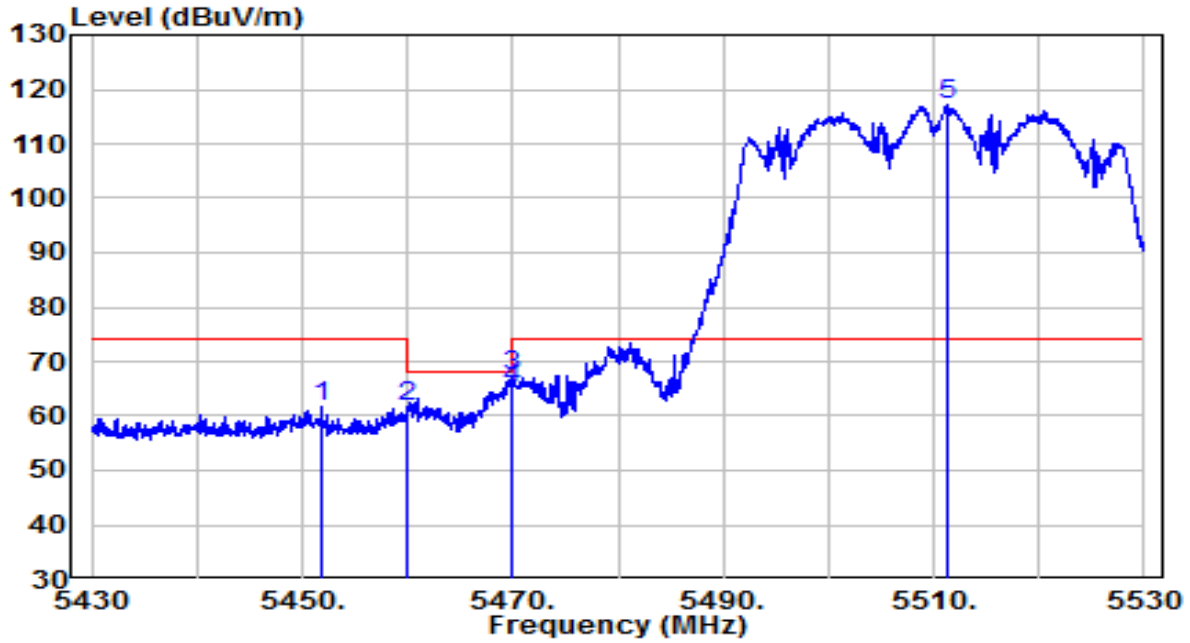


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.87	20.70	47.58	-6.42	54.00	Average
2	*	5508.950	78.09	20.80	98.89	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5451.900	41.18	20.69	61.87	-12.13	74.00	Peak
2		5460.000	41.03	20.70	61.73	-6.47	68.20	Peak
3		5469.950	46.47	20.72	67.19	-1.01	68.20	Peak
4		5470.000	44.44	20.72	65.16	-3.04	68.20	Peak
5	*	5511.350	96.23	20.81	117.04	N/A	N/A	Peak

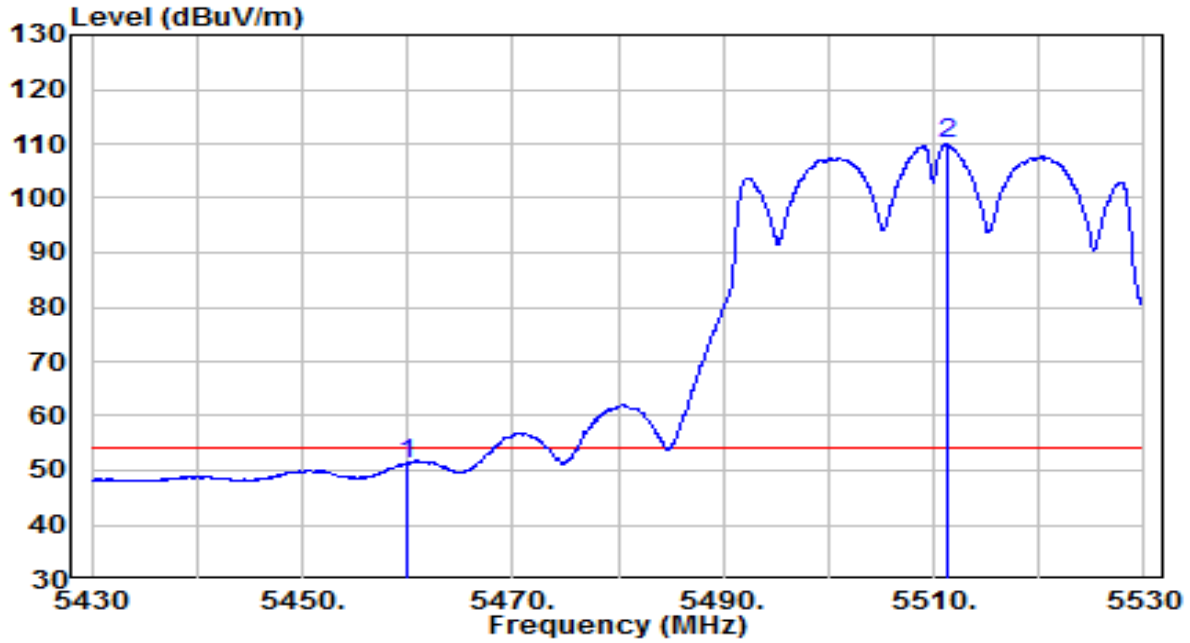
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

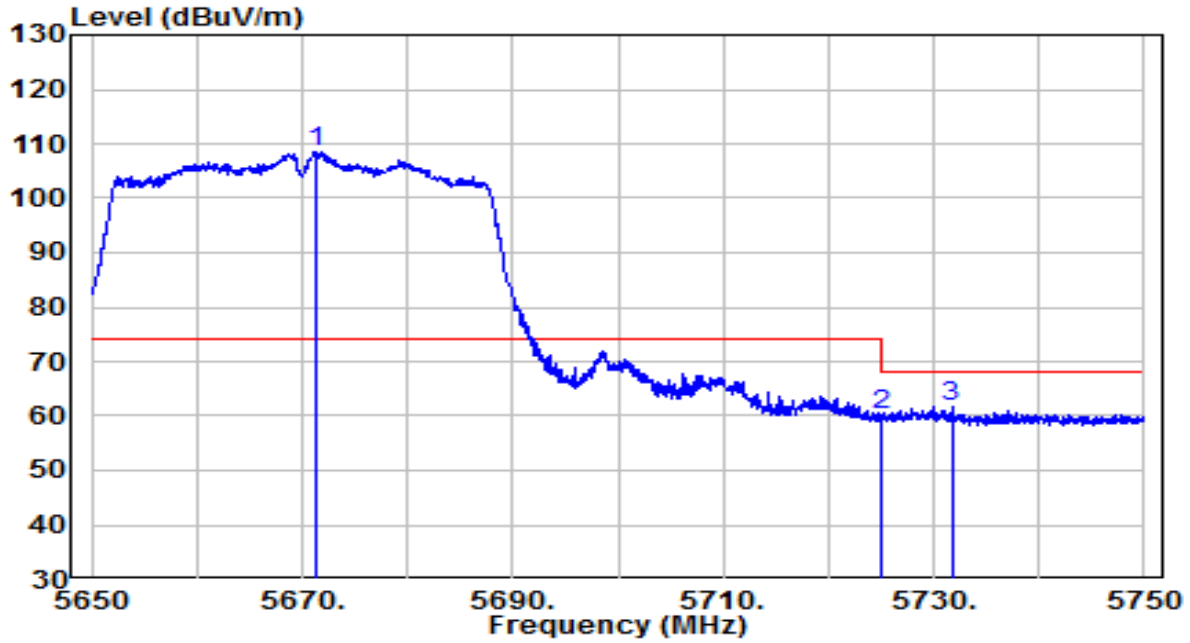


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	30.57	20.70	51.28	-2.72	54.00	Average
2	*	5511.300	89.03	20.81	109.84	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5671.400	87.19	21.39	108.59	N/A	N/A	Peak
2		5725.000	38.76	21.59	60.34	-7.86	68.20	Peak
3		5731.700	40.18	21.61	61.79	-6.41	68.20	Peak

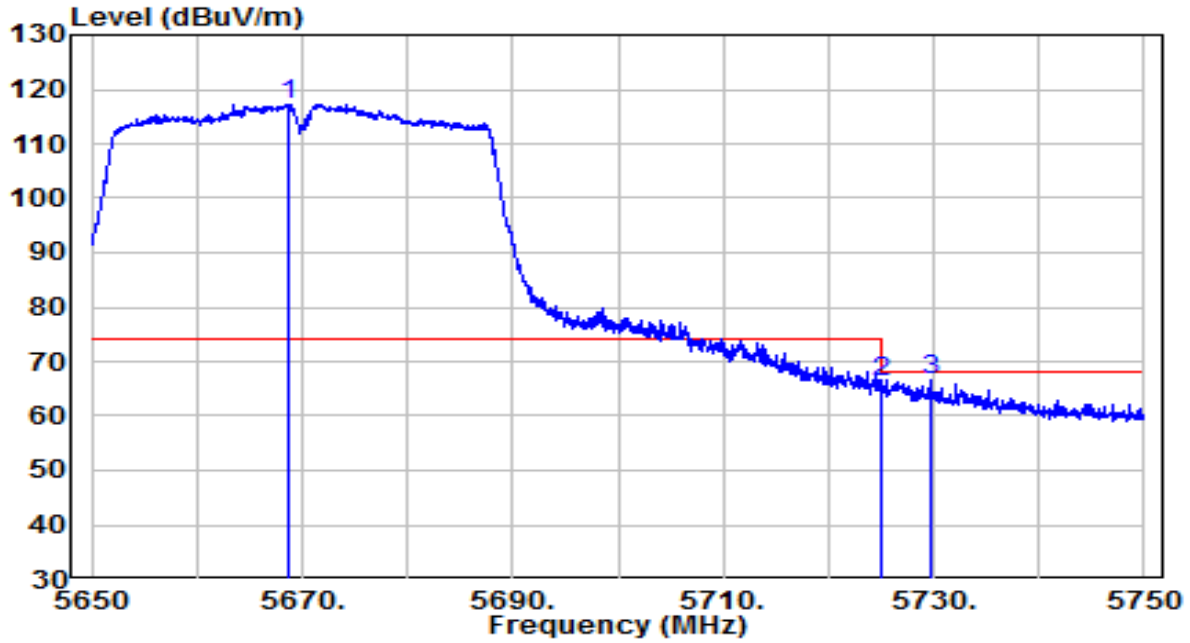
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5668.600	95.97	21.38	117.35	N/A	N/A	Peak
2		5725.000	44.49	21.59	66.08	-2.12	68.20	Peak
3		5729.650	45.11	21.61	66.71	-1.49	68.20	Peak

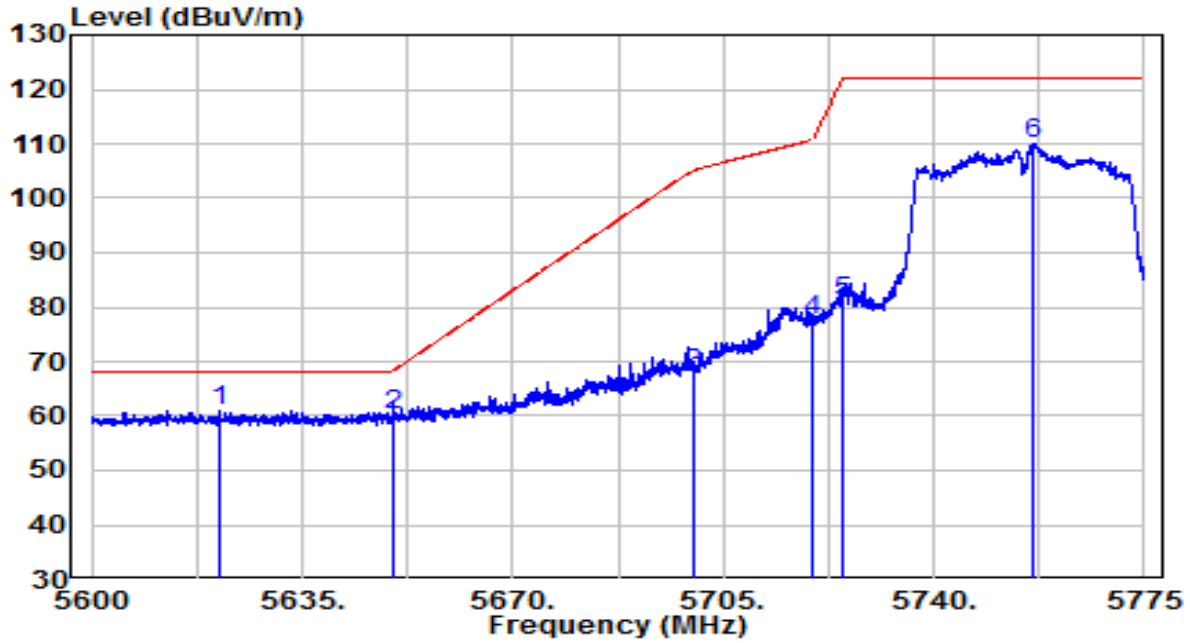
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5621.263	39.87	21.21	61.08	-7.12	68.20	Peak
2		5650.000	38.80	21.32	60.12	-8.08	68.20	Peak
3		5700.000	46.42	21.50	67.92	-37.28	105.20	Peak
4		5720.000	55.89	21.57	77.46	-33.34	110.80	Peak
5		5725.000	59.34	21.59	80.93	-41.27	122.20	Peak
6		5756.450	88.37	21.70	110.07	N/A	N/A	Peak

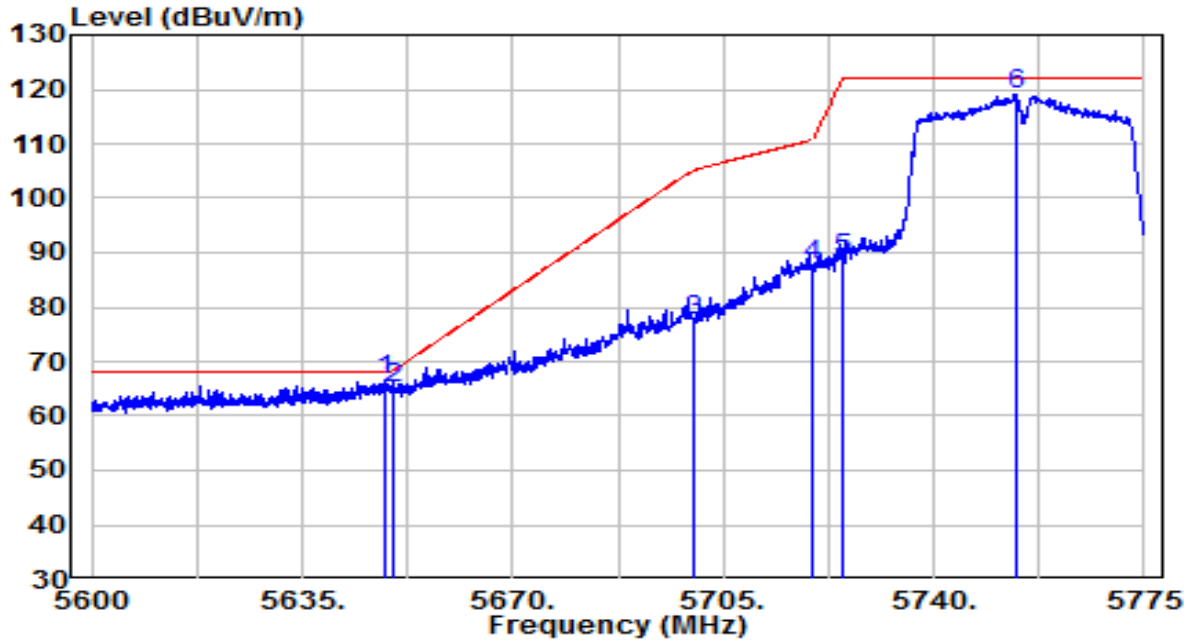
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5648.563	45.34	21.31	66.66	-1.54	68.20	Peak
2		5650.000	43.61	21.32	64.93	-3.27	68.20	Peak
3		5700.000	56.14	21.50	77.64	-27.56	105.20	Peak
4		5720.000	66.03	21.57	87.60	-23.20	110.80	Peak
5		5725.000	67.23	21.59	88.82	-33.38	122.20	Peak
6		5753.650	97.37	21.69	119.06	N/A	N/A	Peak

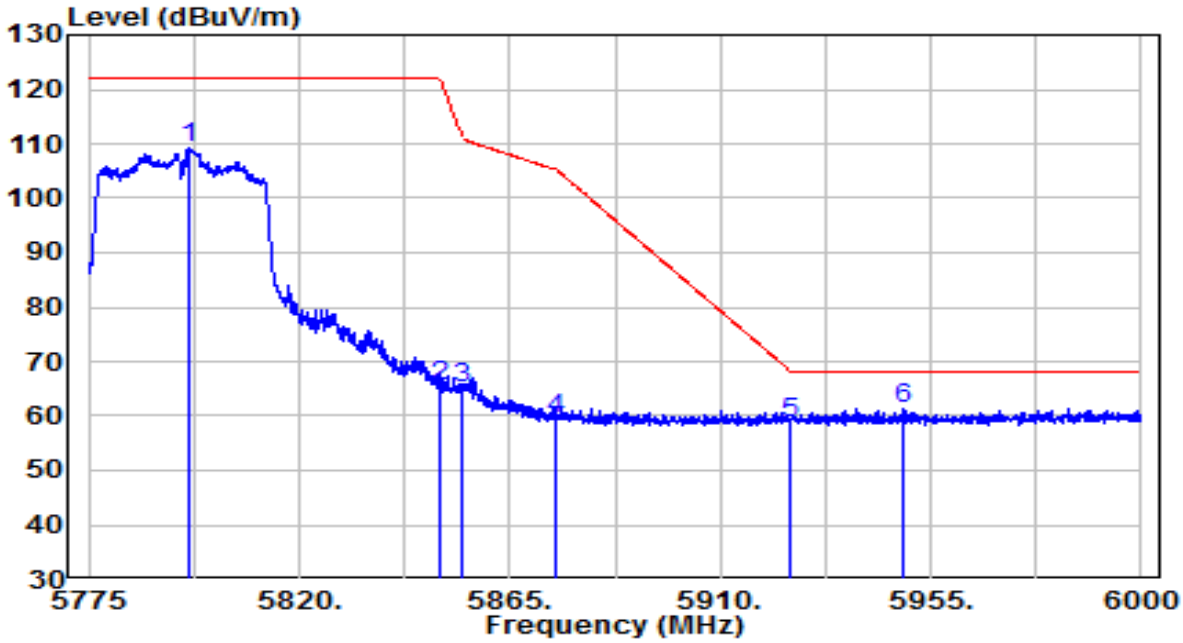
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5796.487	87.54	21.85	109.39	N/A	N/A	Peak
2		5850.000	43.39	22.04	65.43	-56.77	122.20	Peak
3		5855.000	42.97	22.06	65.03	-45.77	110.80	Peak
4		5875.000	37.40	22.14	59.53	-45.67	105.20	Peak
5		5925.000	36.50	22.32	58.81	-9.39	68.20	Peak
6	*	5949.375	39.03	22.41	61.44	-6.76	68.20	Peak

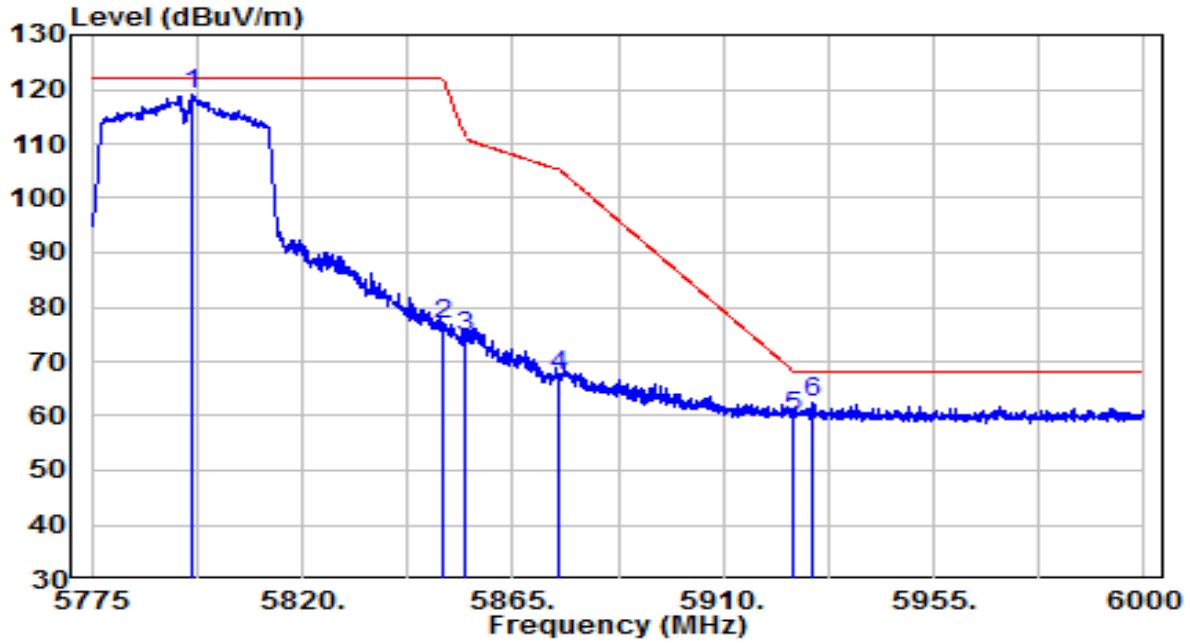
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5796.263	97.16	21.85	119.01	N/A	N/A	Peak
2		5850.000	54.70	22.04	76.74	-45.46	122.20	Peak
3		5855.000	52.39	22.06	74.46	-36.34	110.80	Peak
4		5875.000	45.37	22.14	67.50	-37.70	105.20	Peak
5		5925.000	37.68	22.32	60.00	-8.20	68.20	Peak
6		5929.125	40.18	22.33	62.51	-5.69	68.20	Peak

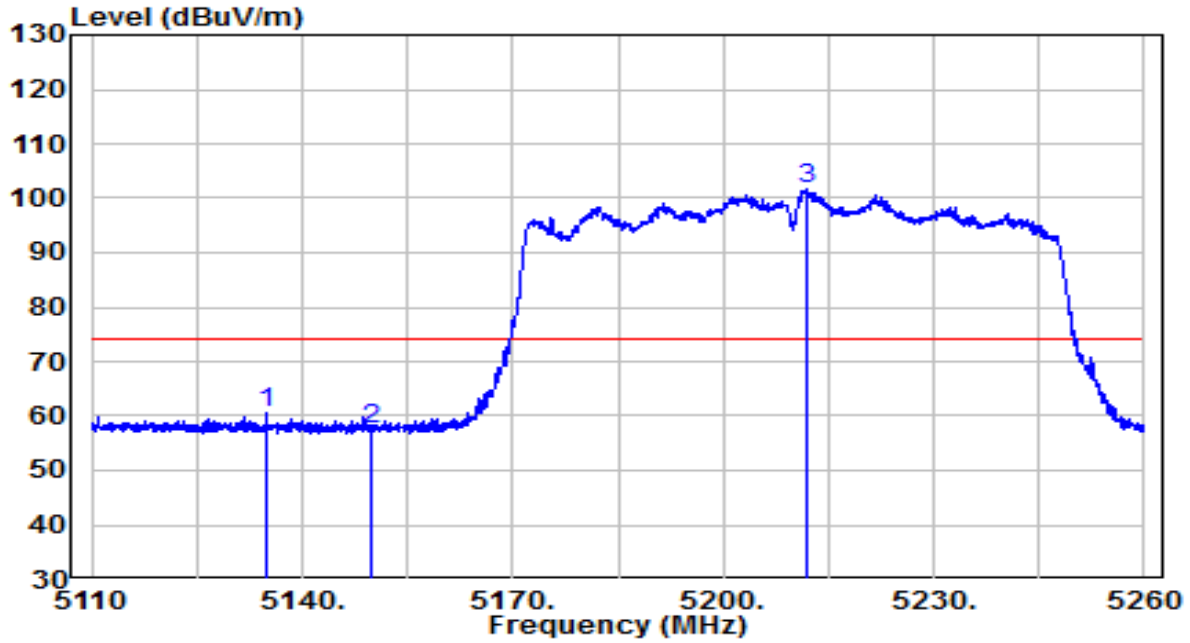
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5134.900	40.26	20.17	60.43	-13.57	74.00	Peak
2		5150.000	37.42	20.20	57.61	-16.39	74.00	Peak
3	*	5212.000	81.33	20.30	101.62	N/A	N/A	Peak

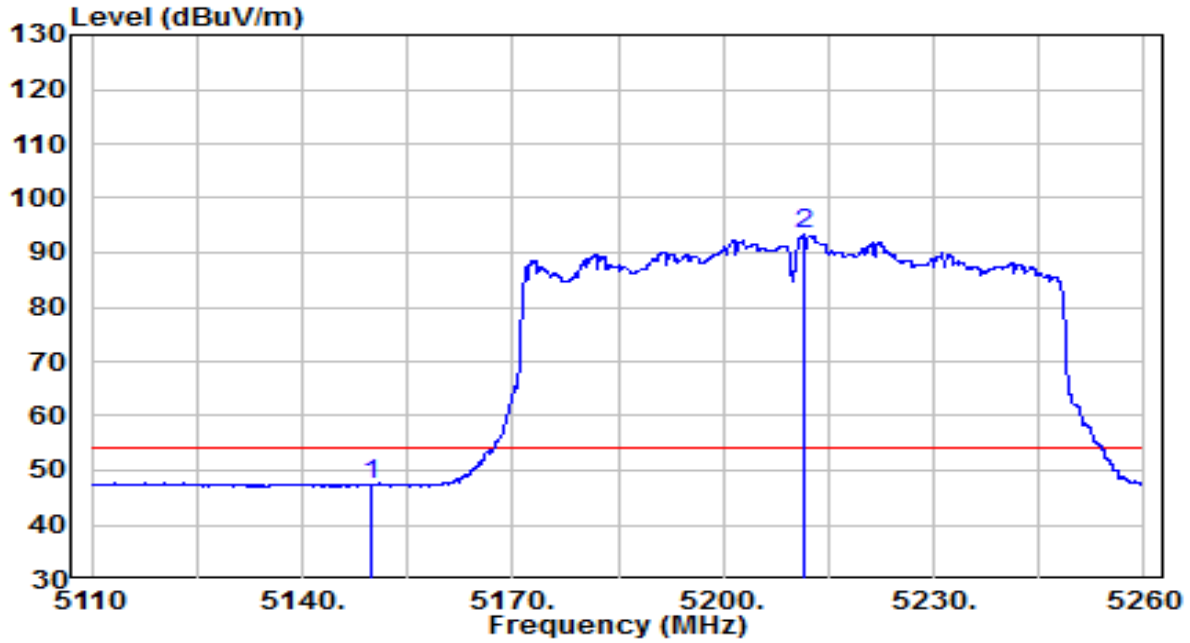
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

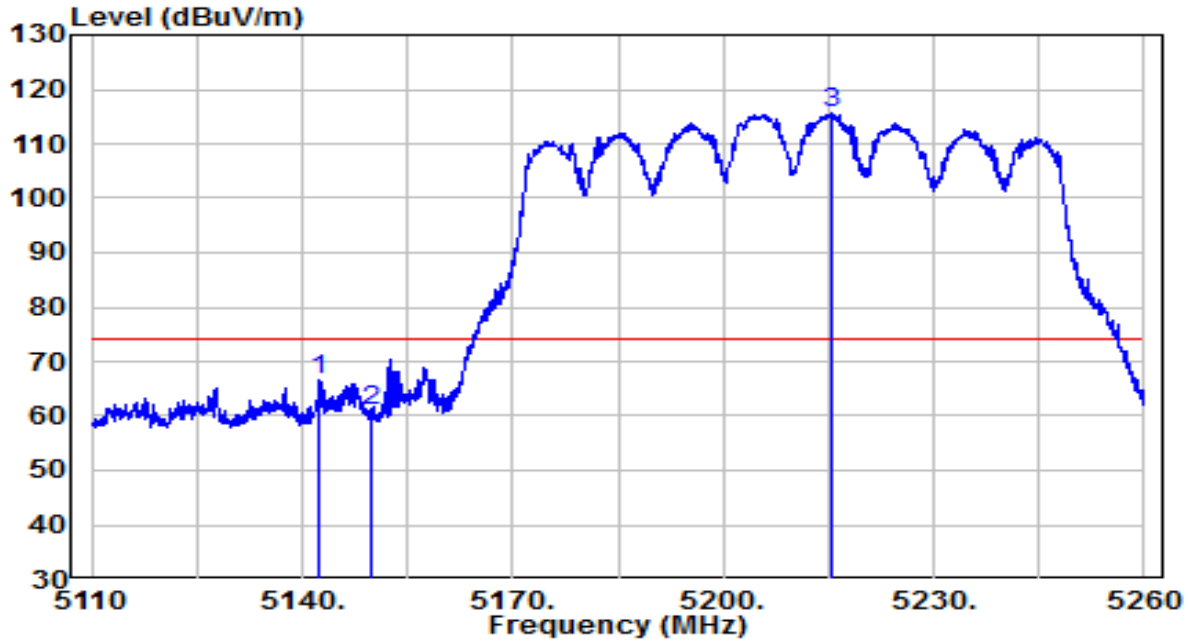


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.07	20.20	47.27	-6.73	54.00	Average
2	*	5211.550	72.95	20.30	93.25	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5142.550	46.43	20.18	66.61	-7.39	74.00	Peak
2		5150.000	40.82	20.20	61.02	-12.98	74.00	Peak
3	*	5215.375	95.20	20.30	115.50	N/A	N/A	Peak

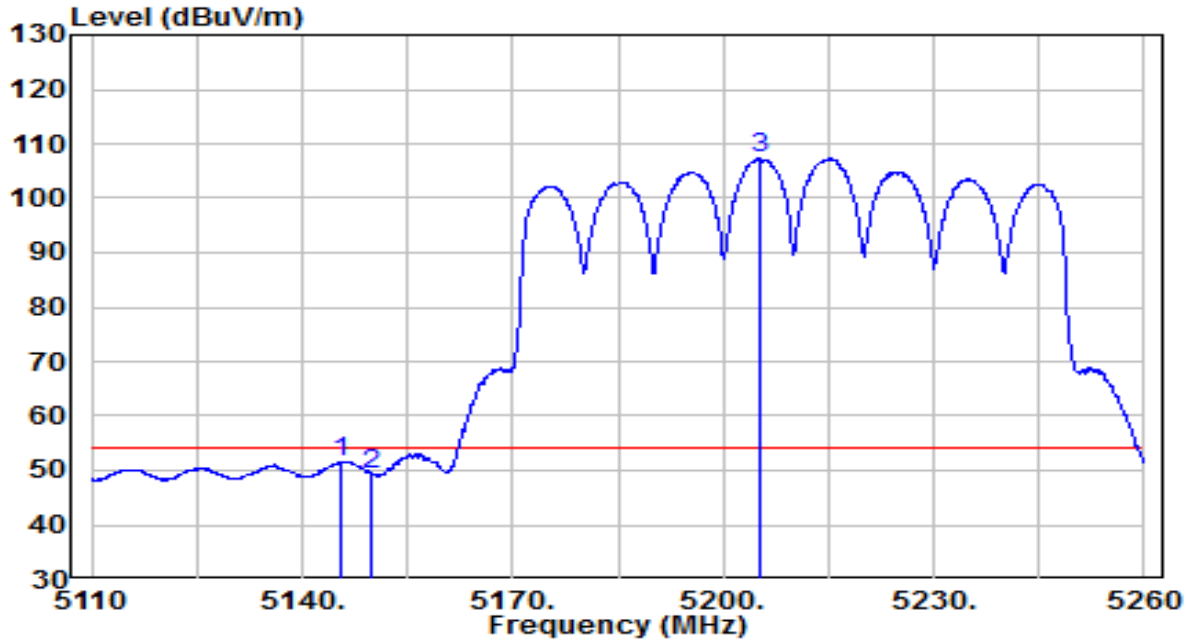
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5145.400	31.47	20.19	51.66	-2.34	54.00	Average
2		5150.000	29.17	20.20	49.37	-4.63	54.00	Average
3	*	5205.250	87.20	20.29	107.49	N/A	N/A	Average

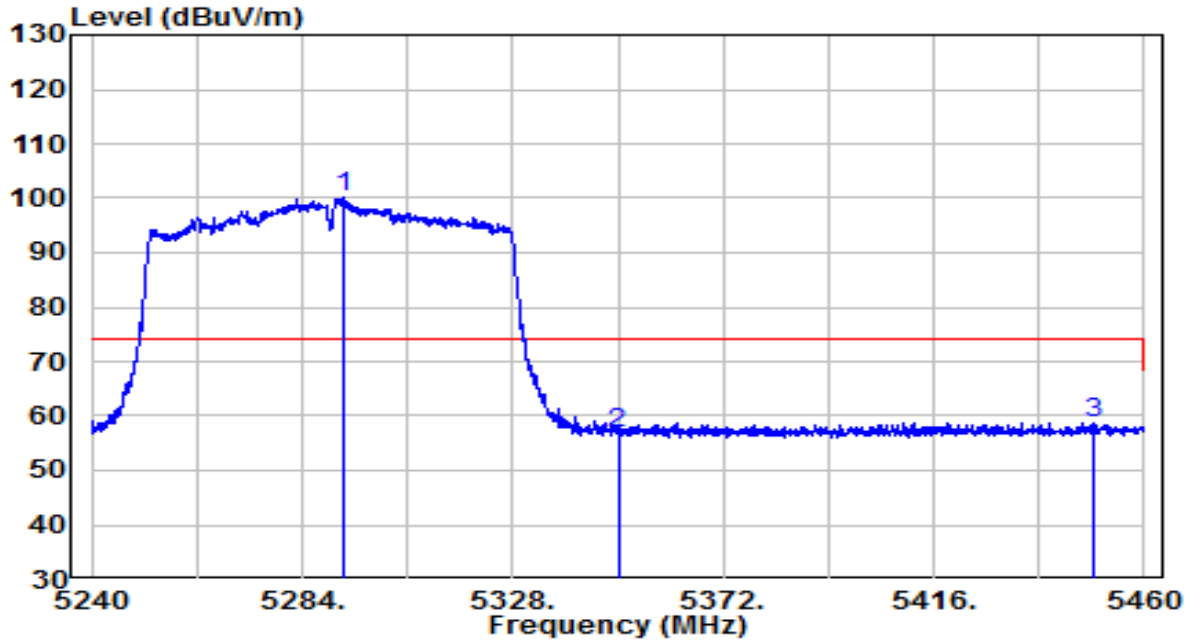
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5292.470	79.60	20.43	100.03	N/A	N/A	Peak
2		5350.000	36.44	20.52	56.96	-17.04	74.00	Peak
3		5449.440	38.13	20.69	58.82	-15.18	74.00	Peak

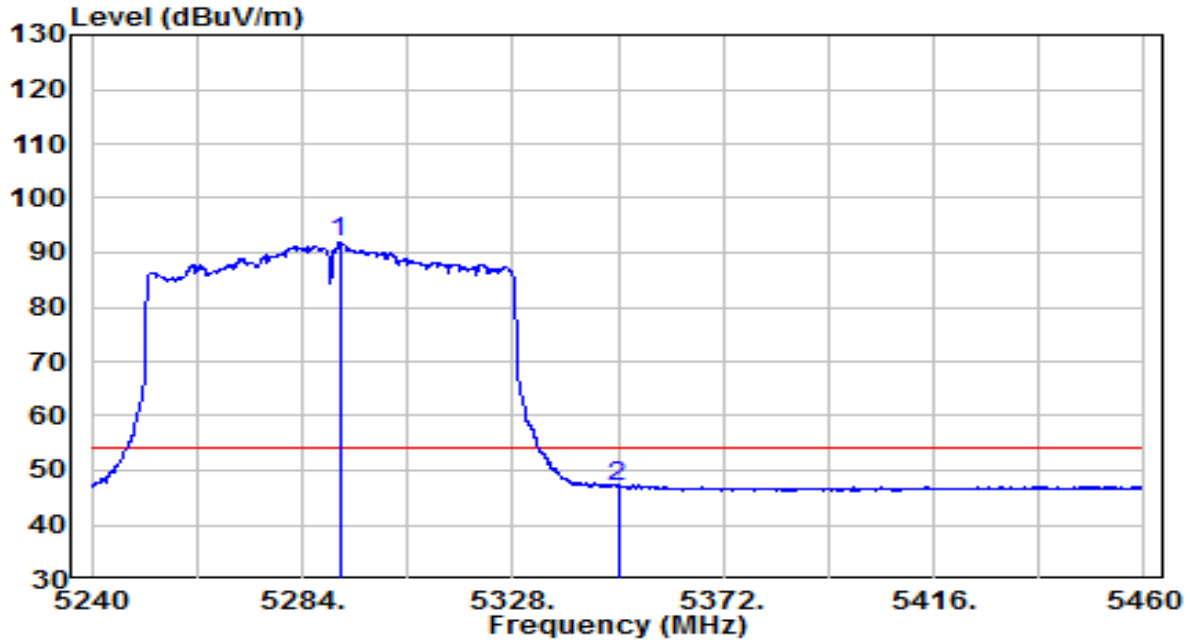
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

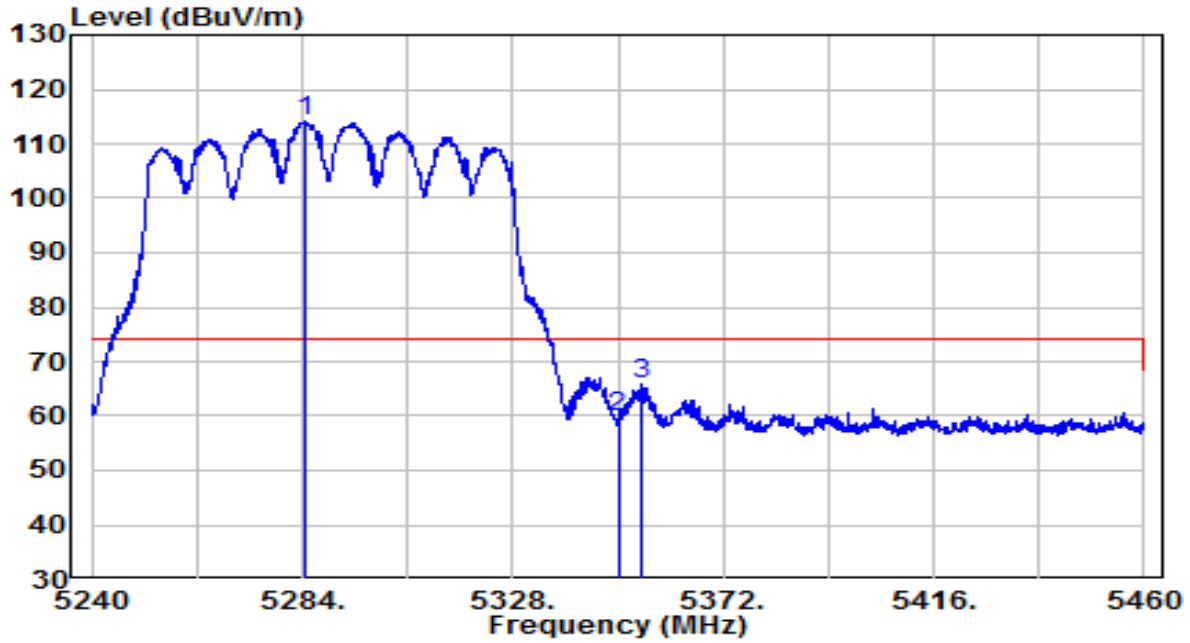


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5291.810	71.47	20.43	91.89	N/A	N/A	Average
2		5350.000	26.60	20.52	47.12	-6.88	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5284.440	93.88	20.42	114.30	N/A	N/A	Peak
2		5350.000	39.42	20.52	59.94	-14.06	74.00	Peak
3		5354.730	45.34	20.53	65.87	-8.13	74.00	Peak

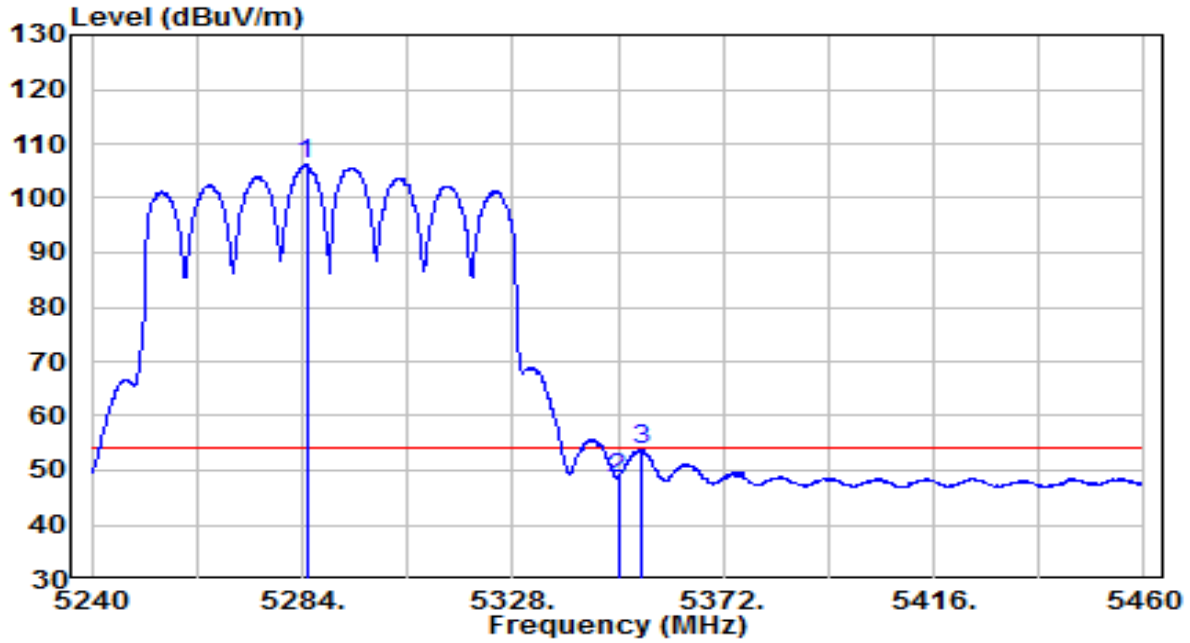
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5284.880	85.78	20.42	106.20	N/A	N/A	Average
2		5350.000	28.09	20.52	48.61	-5.39	54.00	Average
3		5355.170	33.19	20.53	53.72	-0.28	54.00	Average

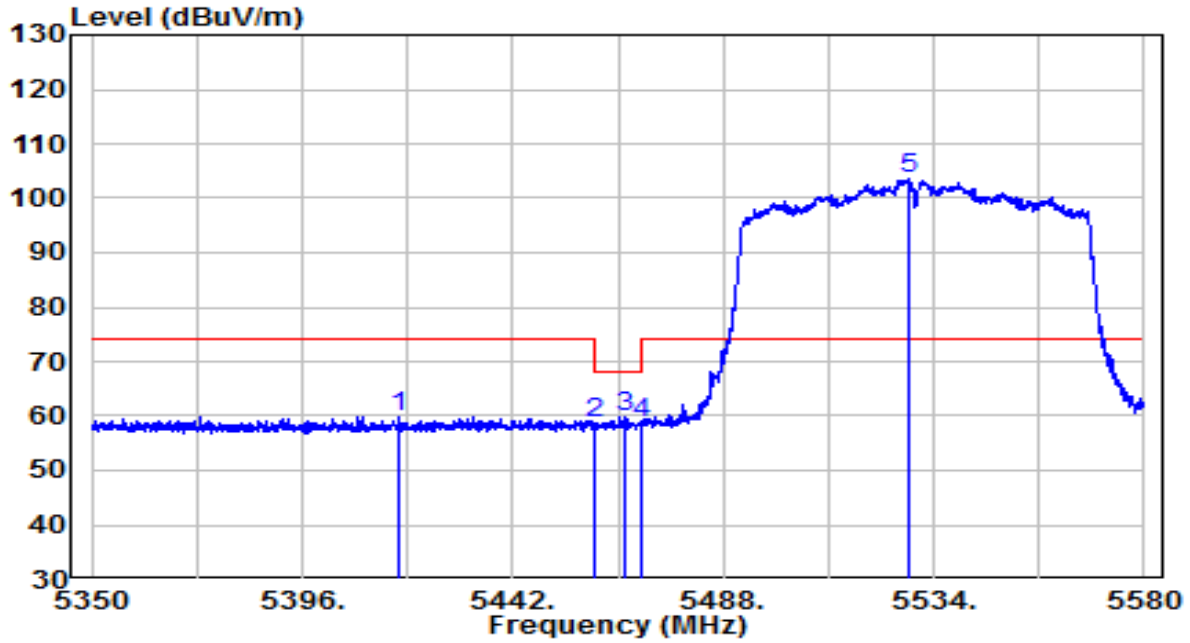
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5417.045	39.22	20.63	59.86	-14.14	74.00	Peak
2		5460.000	37.80	20.70	58.51	-9.69	68.20	Peak
3		5466.725	39.20	20.72	59.92	-8.28	68.20	Peak
4		5470.000	37.90	20.72	58.62	-9.58	68.20	Peak
5	*	5528.595	82.78	20.87	103.65	N/A	N/A	Peak

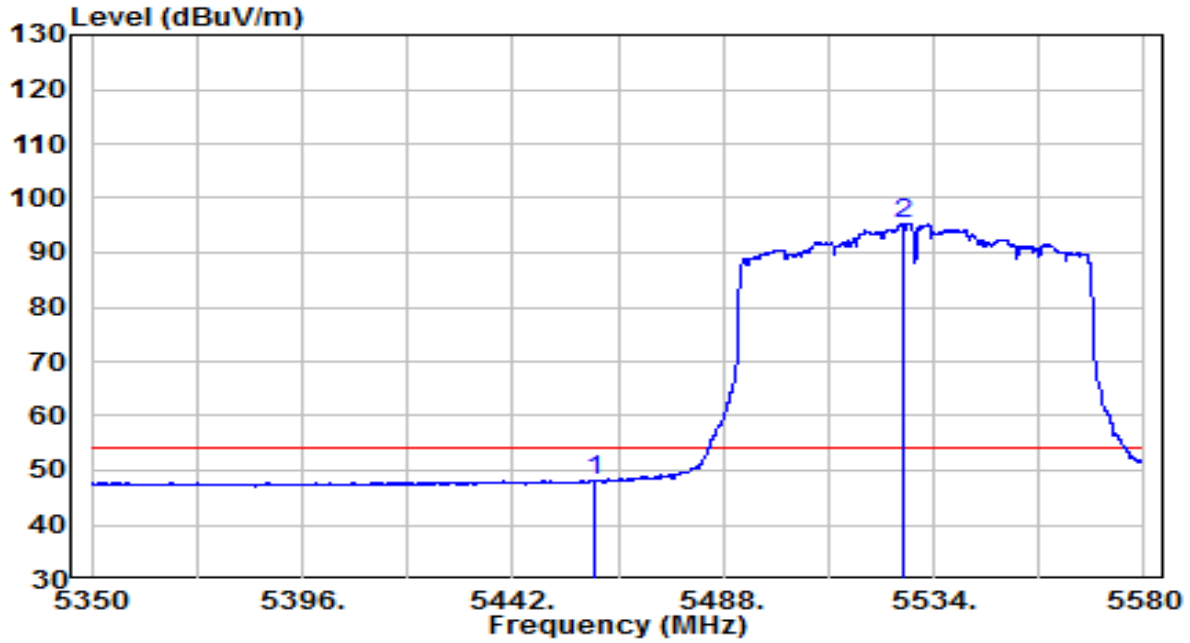
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

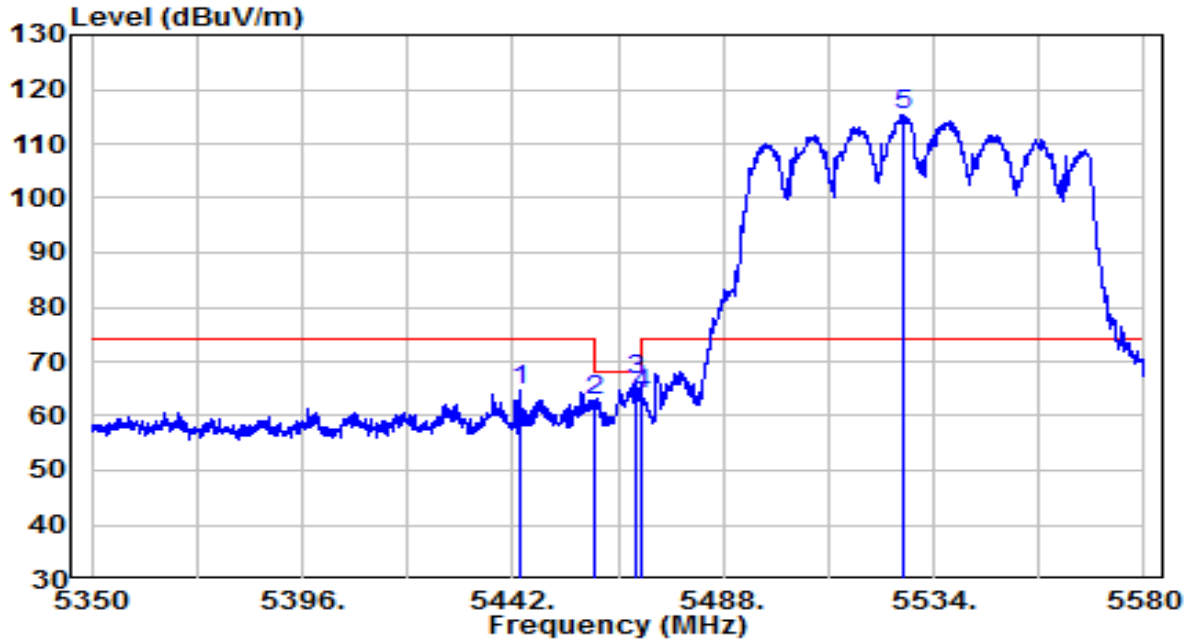


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	27.37	20.70	48.08	-5.92	54.00	Average
2	*	5527.445	74.59	20.87	95.46	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5443.610	44.23	20.68	64.90	-9.10	74.00	Peak
2		5460.000	42.20	20.70	62.91	-5.29	68.20	Peak
3		5468.910	45.80	20.72	66.52	-1.68	68.20	Peak
4		5470.000	43.32	20.72	64.04	-4.16	68.20	Peak
5	*	5527.330	94.42	20.87	115.29	N/A	N/A	Peak

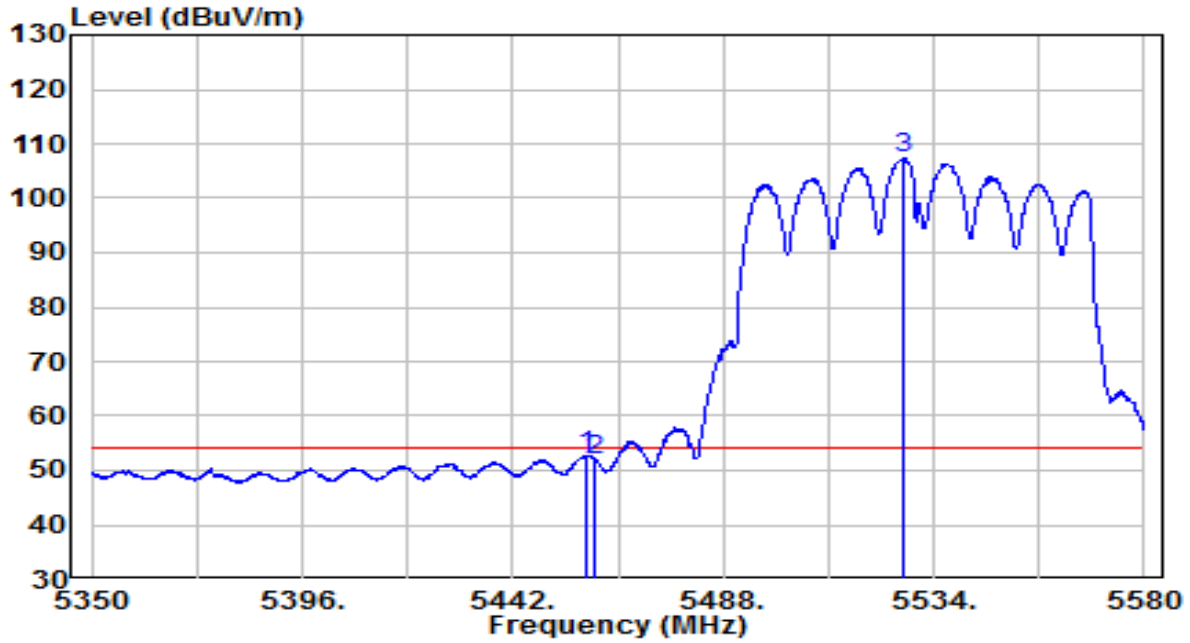
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5457.985	32.02	20.70	52.72	-1.28	54.00	Average
2		5460.000	31.37	20.70	52.07	-1.93	54.00	Average
3	*	5527.560	86.39	20.87	107.26	N/A	N/A	Average

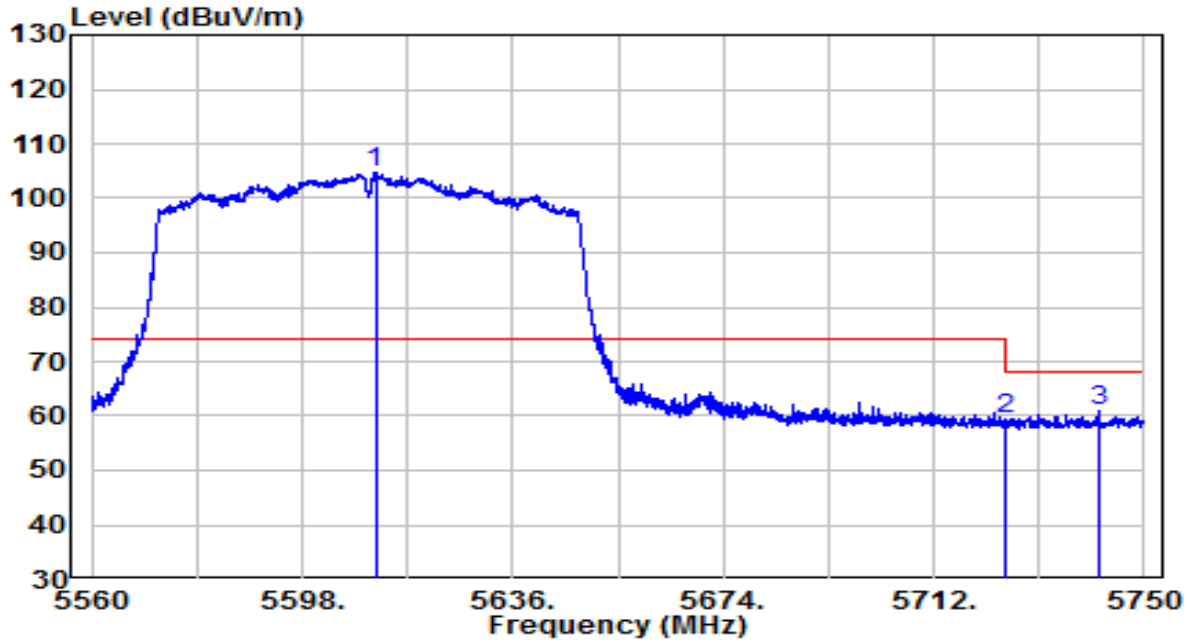
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5611.205	83.65	21.17	104.82	N/A	N/A	Peak
2		5725.000	37.73	21.59	59.32	-8.88	68.20	Peak
3		5741.735	39.15	21.65	60.80	-7.40	68.20	Peak

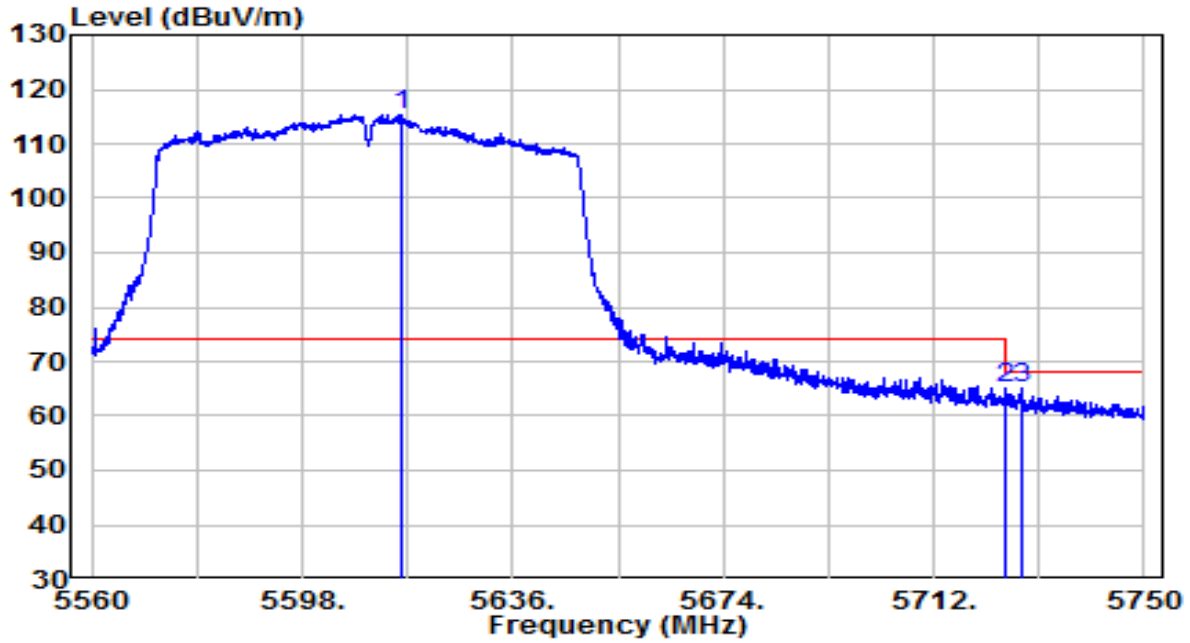
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5615.955	94.19	21.19	115.38	N/A	N/A	Peak
2		5725.000	43.61	21.59	65.20	-3.00	68.20	Peak
3		5727.770	43.67	21.60	65.27	-2.93	68.20	Peak

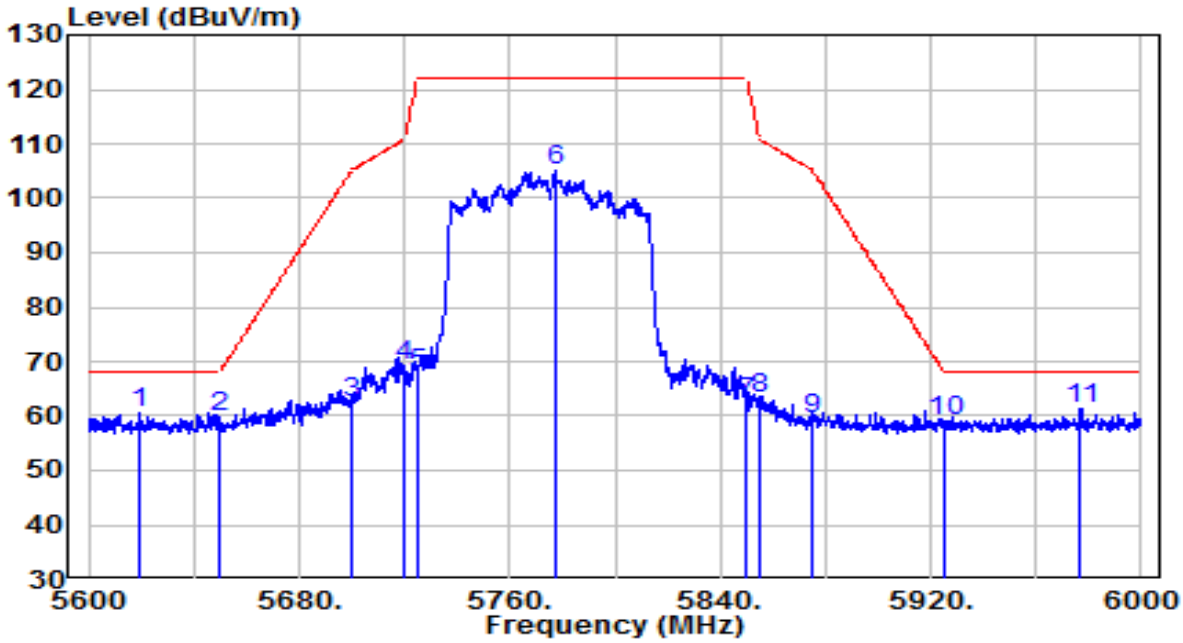
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5619.200	39.47	21.20	60.68	-7.52	68.20	Peak
2		5650.000	38.33	21.32	59.64	-8.56	68.20	Peak
3		5700.000	40.91	21.50	62.41	-42.79	105.20	Peak
4		5720.000	47.79	21.57	69.36	-41.44	110.80	Peak
5		5725.000	46.28	21.59	67.87	-54.33	122.20	Peak
6		5777.200	83.42	21.78	105.20	N/A	N/A	Peak
7		5850.000	40.52	22.04	62.56	-59.64	122.20	Peak
8		5855.000	41.11	22.06	63.18	-47.62	110.80	Peak
9		5875.000	37.31	22.14	59.44	-45.76	105.20	Peak
10		5925.000	36.59	22.32	58.91	-9.29	68.20	Peak
11	*	5977.000	38.69	22.51	61.19	-7.01	68.20	Peak

Note:

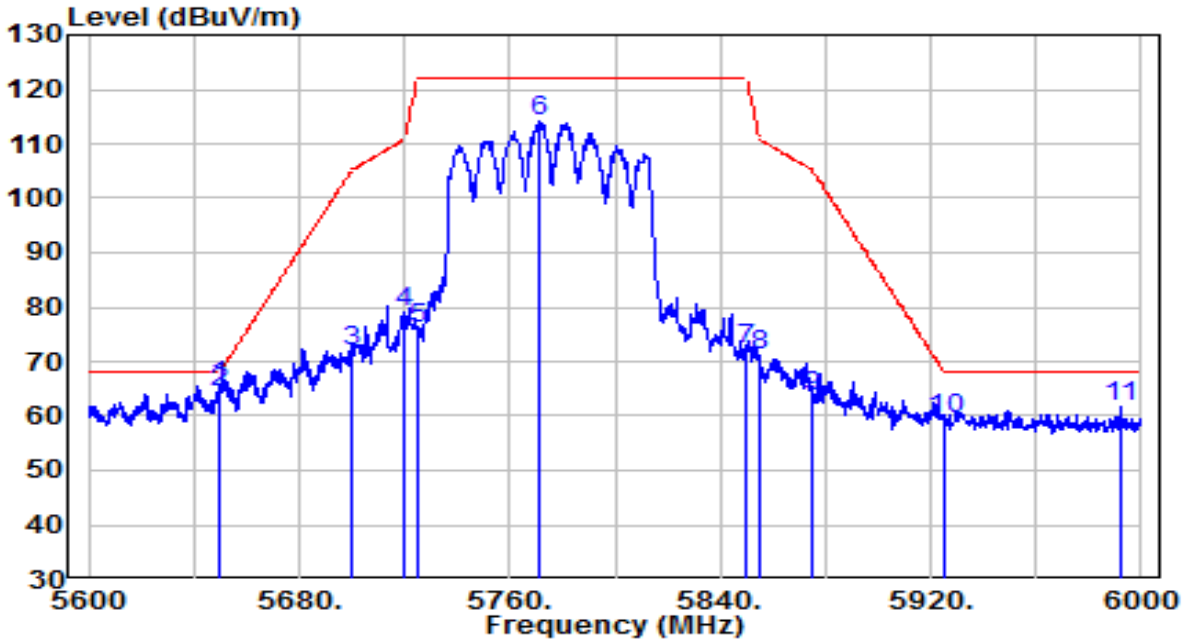
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)–

Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5649.200	44.08	21.31	65.39	-2.81	68.20	Peak
2		5650.000	43.17	21.32	64.49	-3.71	68.20	Peak
3		5700.000	50.34	21.50	71.84	-33.36	105.20	Peak
4		5720.000	57.60	21.57	79.17	-31.63	110.80	Peak
5		5725.000	54.56	21.59	76.15	-46.05	122.20	Peak
6		5771.600	92.21	21.76	113.97	N/A	N/A	Peak
7		5850.000	50.27	22.04	72.31	-49.89	122.20	Peak
8		5855.000	48.89	22.06	70.95	-39.85	110.80	Peak
9		5875.000	41.31	22.14	63.44	-41.76	105.20	Peak
10		5925.000	37.05	22.32	59.37	-8.83	68.20	Peak
11		5992.400	39.09	22.56	61.65	-6.55	68.20	Peak

Note:

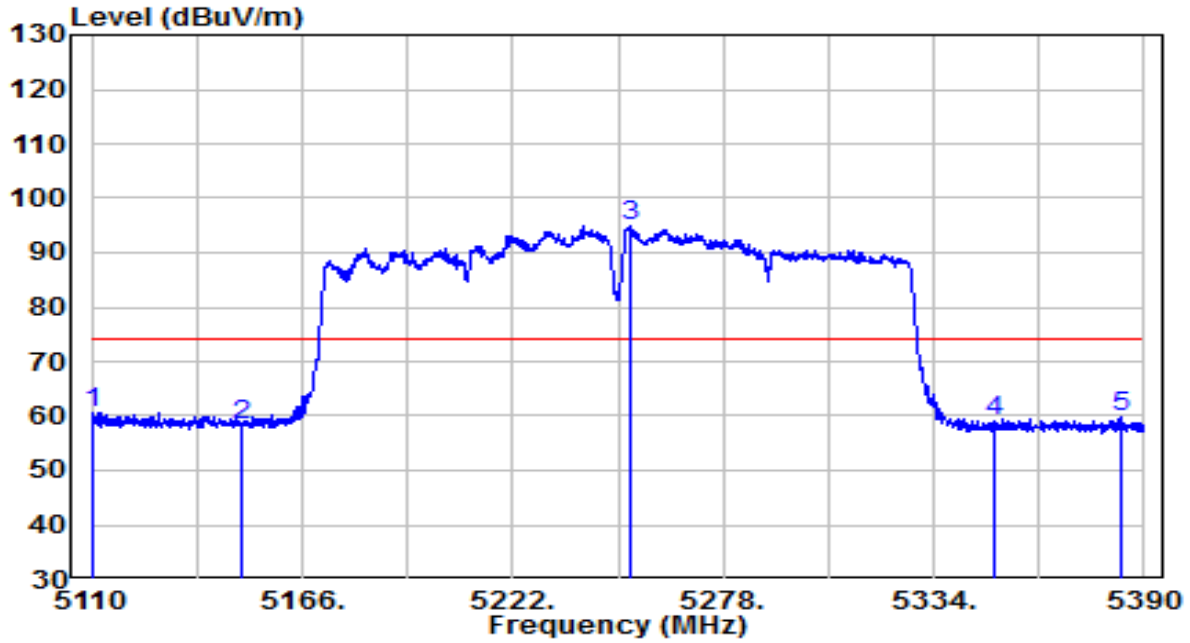
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)–

Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5110.560	40.45	20.13	60.59	-13.41	74.00	Peak
2		5150.000	38.03	20.20	58.22	-15.78	74.00	Peak
3	*	5253.080	74.55	20.37	94.91	N/A	N/A	Peak
4		5350.000	38.50	20.52	59.02	-14.98	74.00	Peak
5		5383.700	39.28	20.58	59.86	-14.14	74.00	Peak

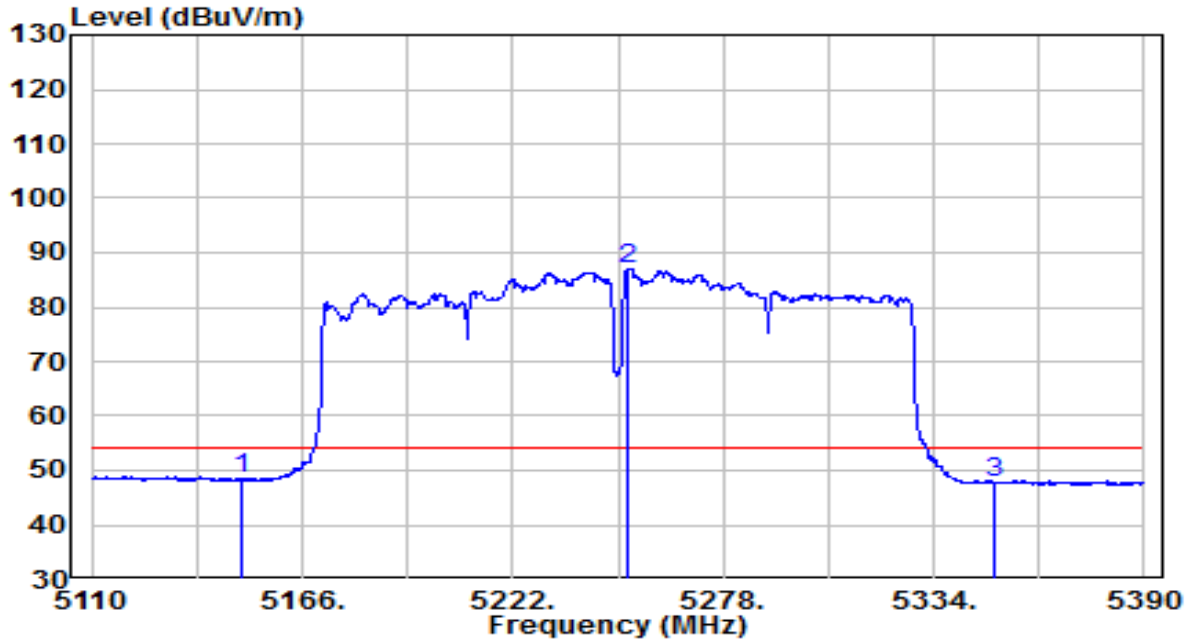
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	28.28	20.20	48.48	-5.52	54.00	Average
2	*	5252.660	66.71	20.36	87.08	N/A	N/A	Average
3		5350.000	27.24	20.52	47.76	-6.24	54.00	Average

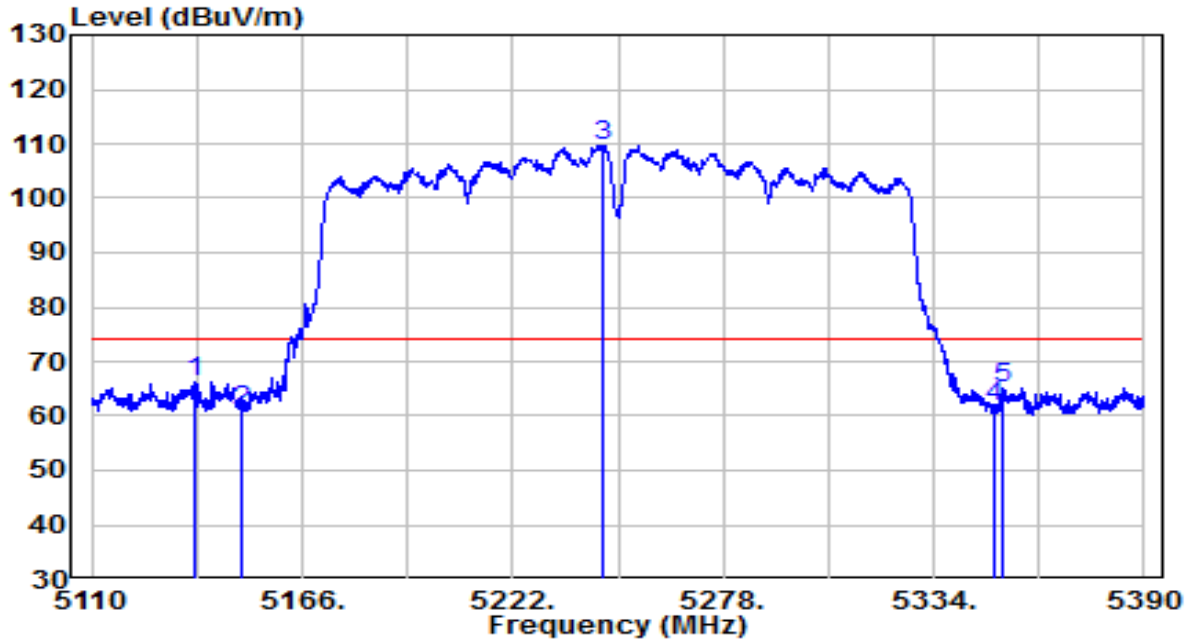
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5137.720	46.04	20.18	66.21	-7.79	74.00	Peak
2		5150.000	40.72	20.20	60.92	-13.08	74.00	Peak
3	*	5246.080	89.36	20.35	109.71	N/A	N/A	Peak
4		5350.000	40.99	20.52	61.51	-12.49	74.00	Peak
5		5352.480	44.67	20.53	65.20	-8.80	74.00	Peak

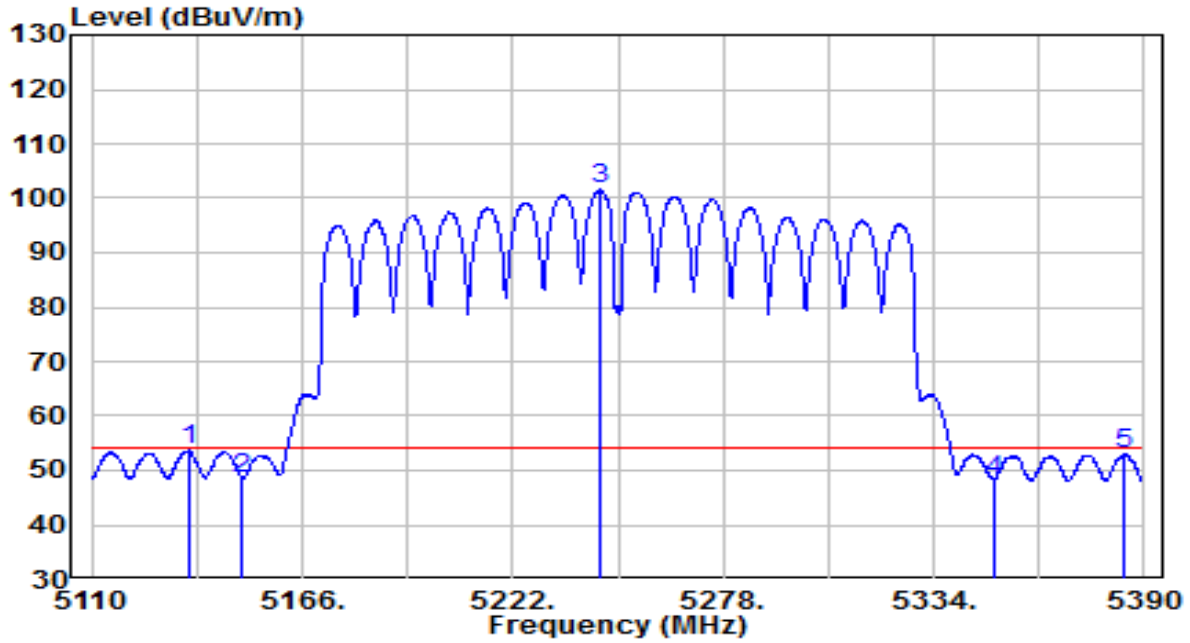
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5136.180	33.47	20.17	53.65	-0.35	54.00	Average
2		5150.000	28.32	20.20	48.52	-5.48	54.00	Average
3	*	5245.100	81.18	20.35	101.53	N/A	N/A	Average
4		5350.000	27.70	20.52	48.22	-5.78	54.00	Average
5		5384.820	32.43	20.58	53.02	-0.98	54.00	Average

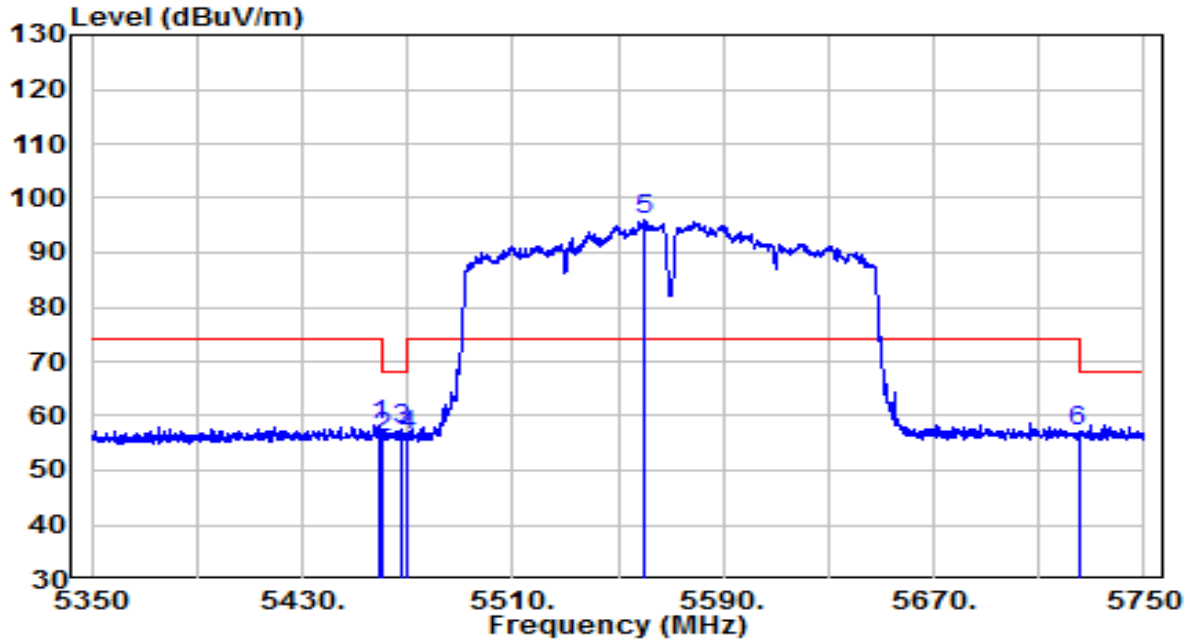
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5459.000	37.72	20.70	58.42	-15.58	74.00	Peak
2		5460.000	35.42	20.70	56.12	-12.08	68.20	Peak
3		5467.600	36.66	20.72	57.38	-10.82	68.20	Peak
4		5470.000	35.58	20.72	56.30	-11.90	68.20	Peak
5	*	5559.800	74.87	20.99	95.86	N/A	N/A	Peak
6		5725.000	35.55	21.59	57.14	-11.06	68.20	Peak

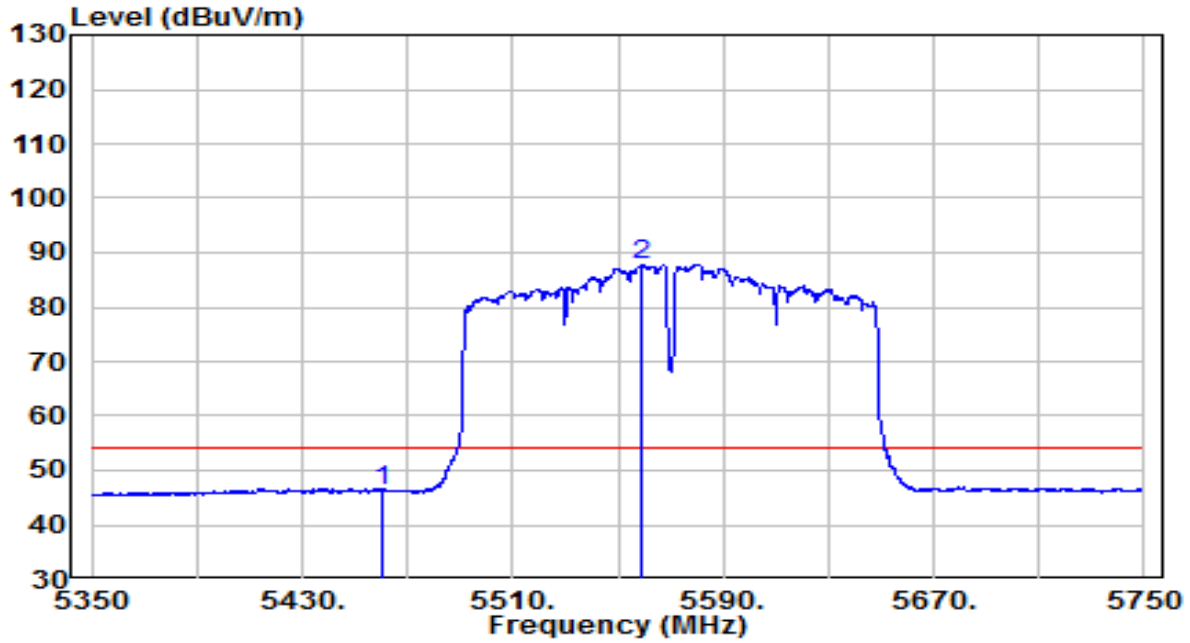
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz

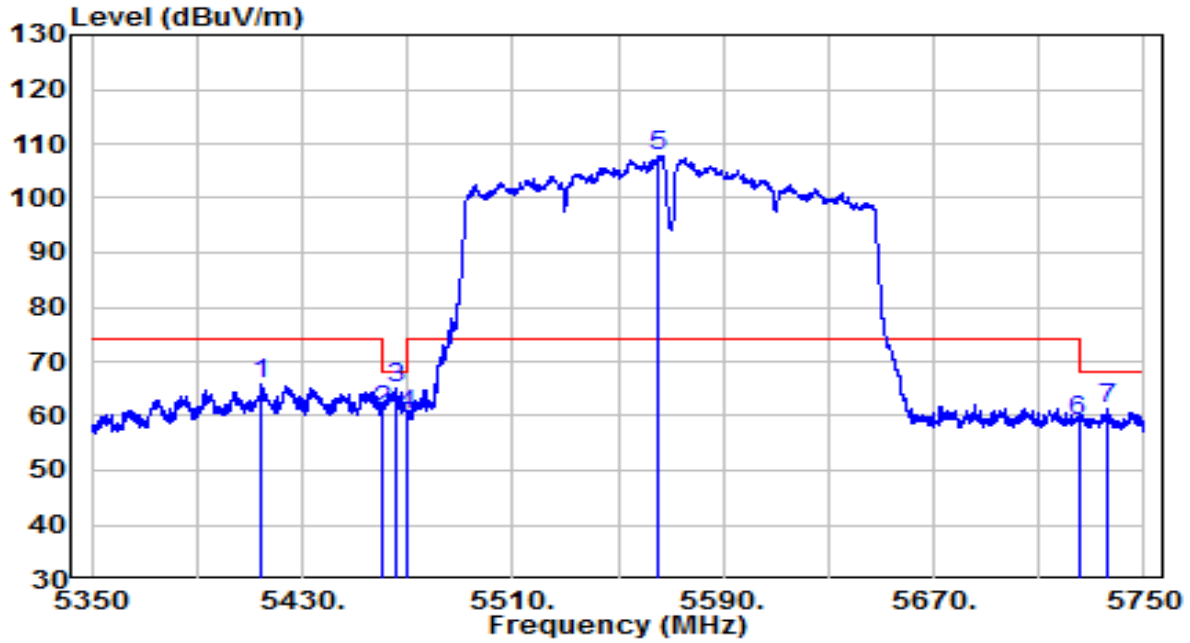


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	25.63	20.70	46.33	-7.67	54.00	Average
2	*	5559.400	66.93	20.99	87.92	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5414.200	45.05	20.63	65.68	-8.32	74.00	Peak
2		5460.000	40.27	20.70	60.98	-7.22	68.20	Peak
3		5465.200	44.53	20.71	65.24	-2.96	68.20	Peak
4		5470.000	39.50	20.72	60.23	-7.97	68.20	Peak
5	*	5565.200	86.87	21.01	107.87	N/A	N/A	Peak
6		5725.000	37.48	21.59	59.07	-9.13	68.20	Peak
7		5736.000	39.56	21.63	61.19	-7.01	68.20	Peak

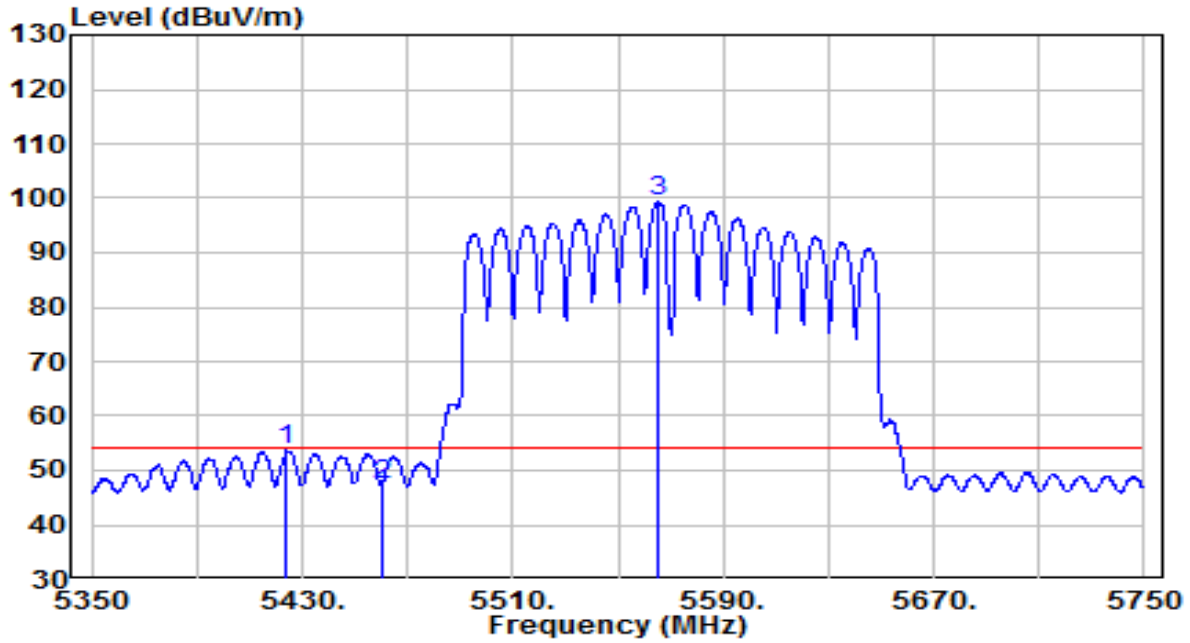
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5424.200	32.96	20.65	53.61	-0.39	54.00	Average
2		5460.000	26.65	20.70	47.35	-6.65	54.00	Average
3	*	5565.600	78.27	21.01	99.28	N/A	N/A	Average

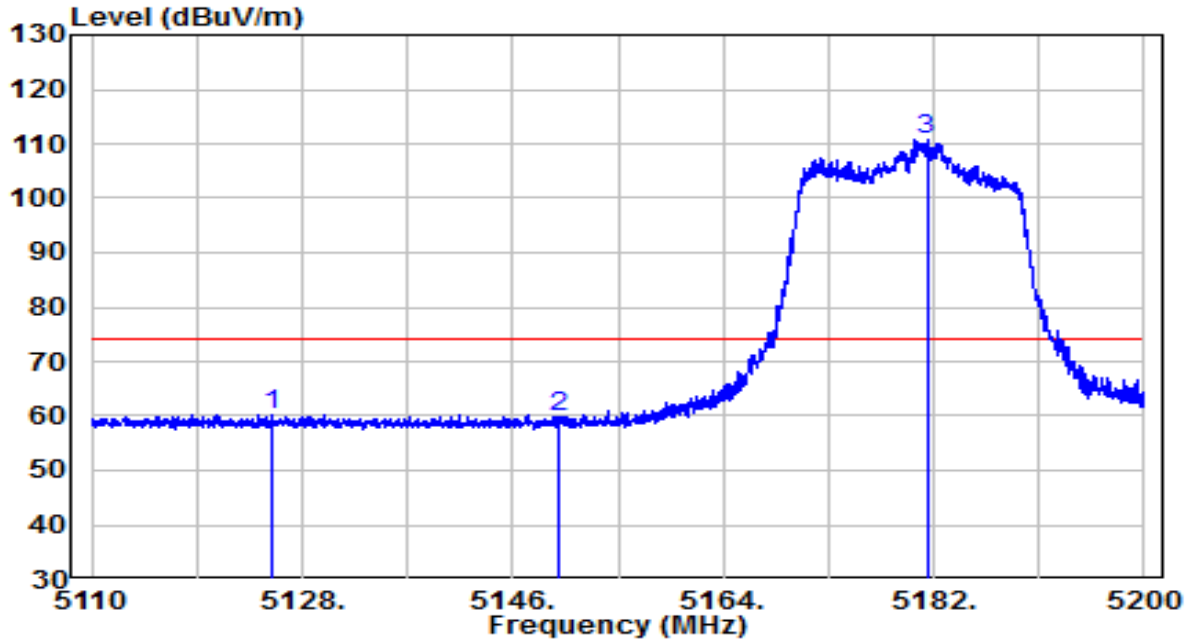
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5125.390	40.16	20.16	60.32	-13.68	74.00	Peak
2		5150.000	39.56	20.20	59.76	-14.24	74.00	Peak
3	*	5181.415	90.52	20.25	110.77	N/A	N/A	Peak

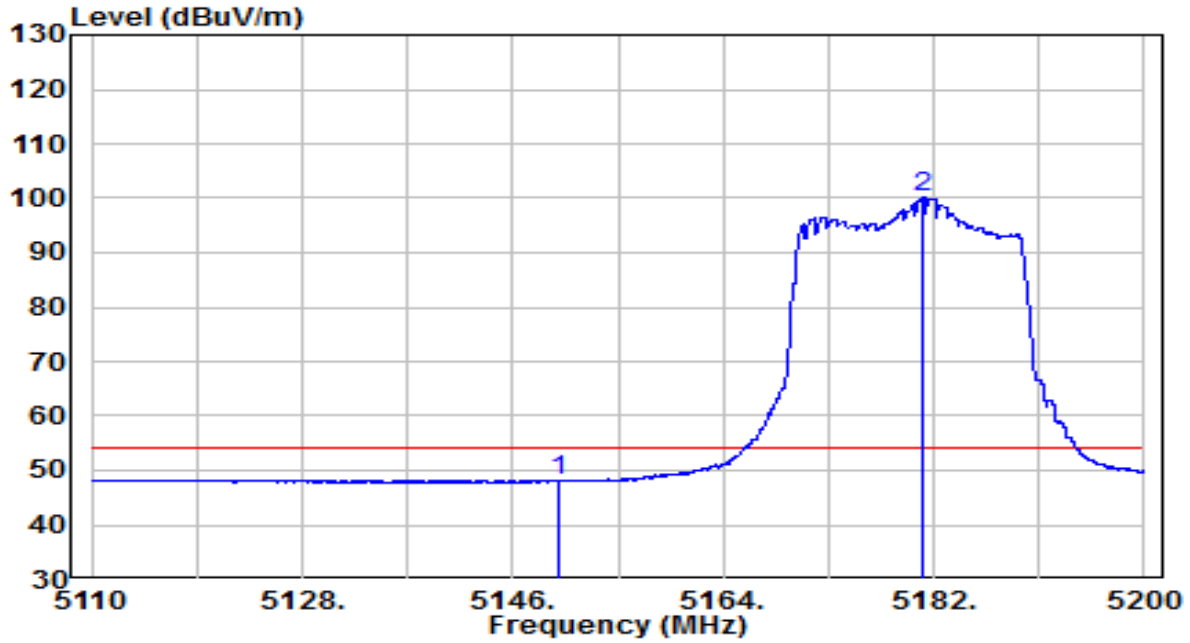
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

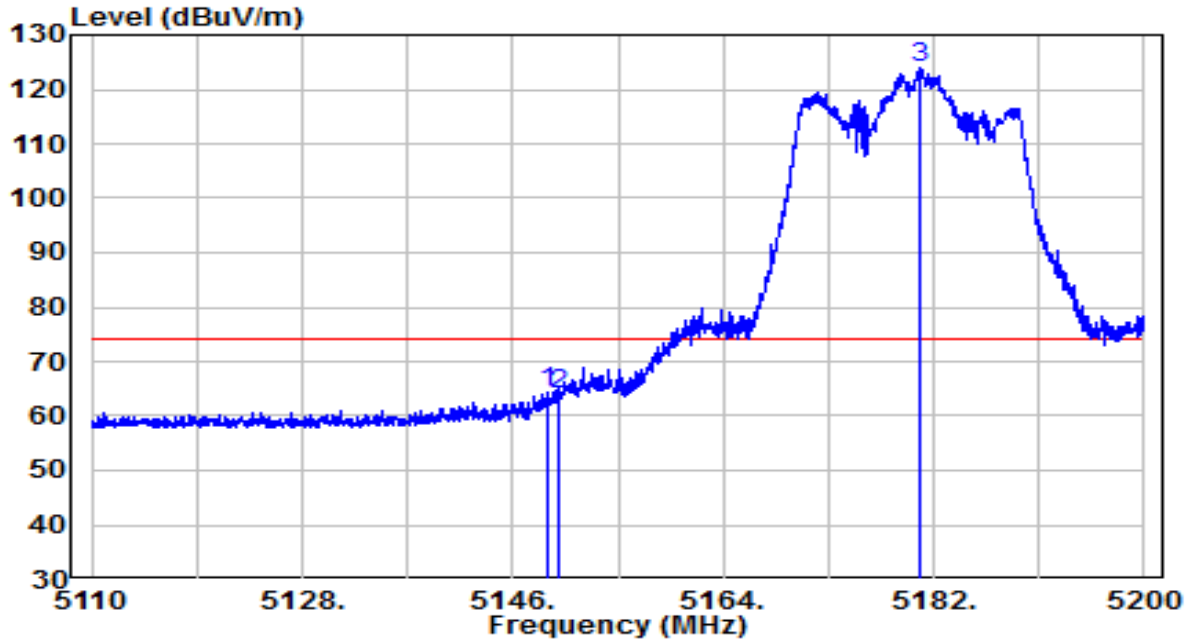


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.89	20.20	48.08	-5.92	54.00	Average
2	*	5181.100	79.87	20.25	100.12	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.925	44.09	20.19	64.29	-9.71	74.00	Peak
2		5150.000	43.88	20.20	64.08	-9.92	74.00	Peak
3	*	5180.830	103.68	20.25	123.93	N/A	N/A	Peak

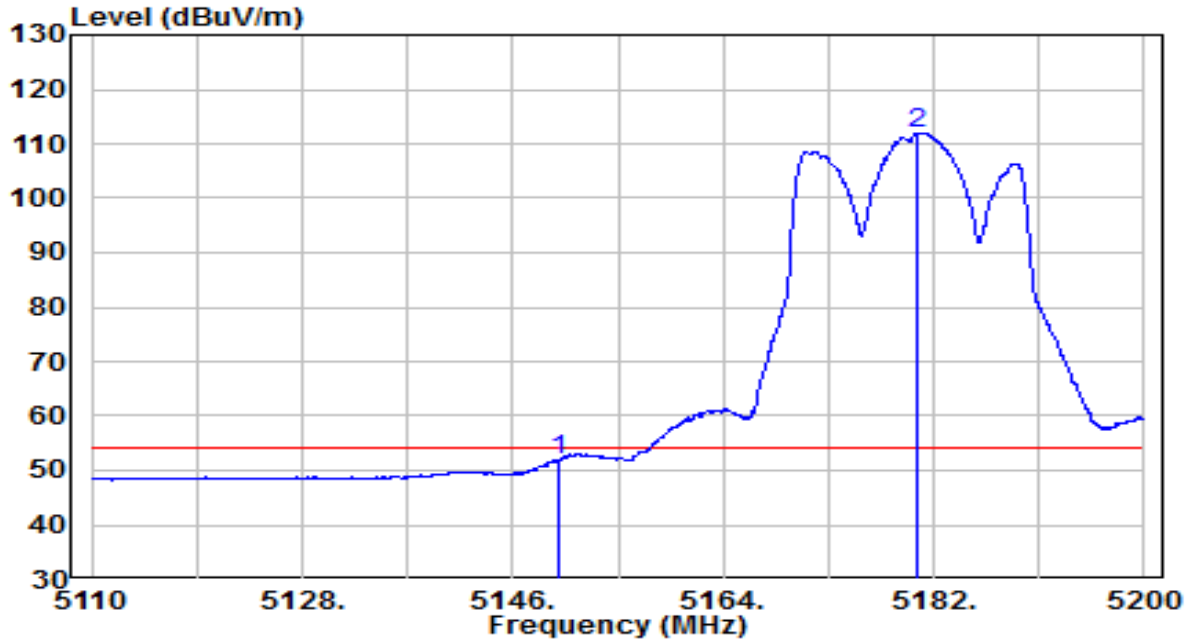
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5180MHz	Test Voltage	AC 120V/60Hz

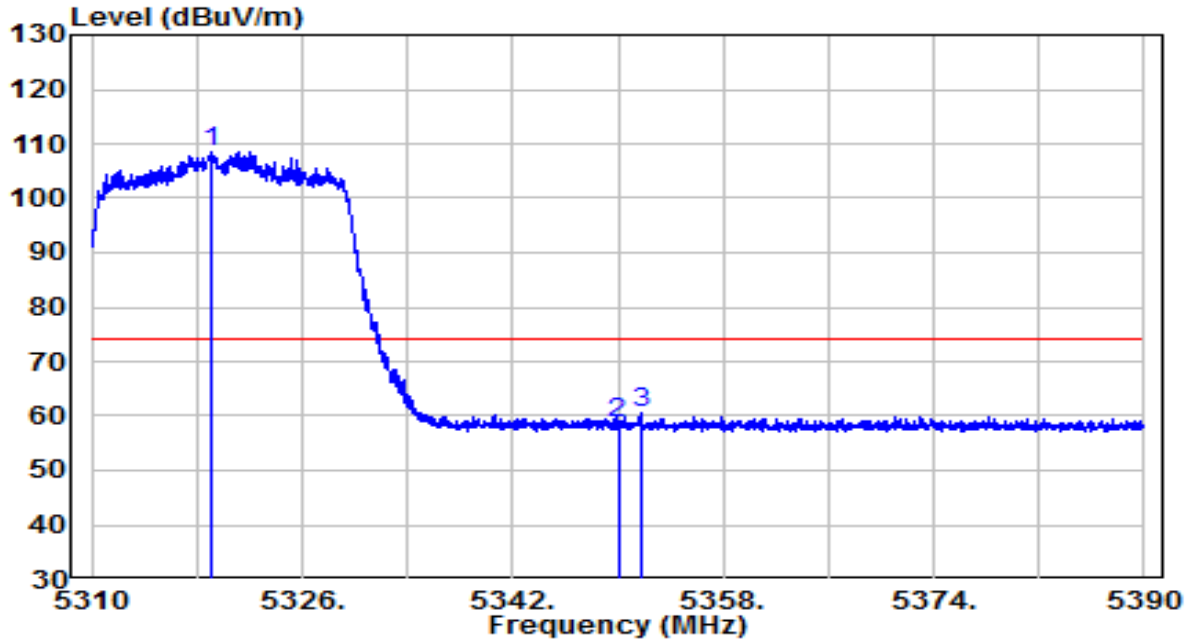


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	31.66	20.20	51.85	-2.15	54.00	Average
2	*	5180.560	91.74	20.25	111.99	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.160	88.17	20.47	108.64	N/A	N/A	Peak
2		5350.000	38.12	20.52	58.65	-15.35	74.00	Peak
3		5351.840	40.05	20.53	60.58	-13.42	74.00	Peak

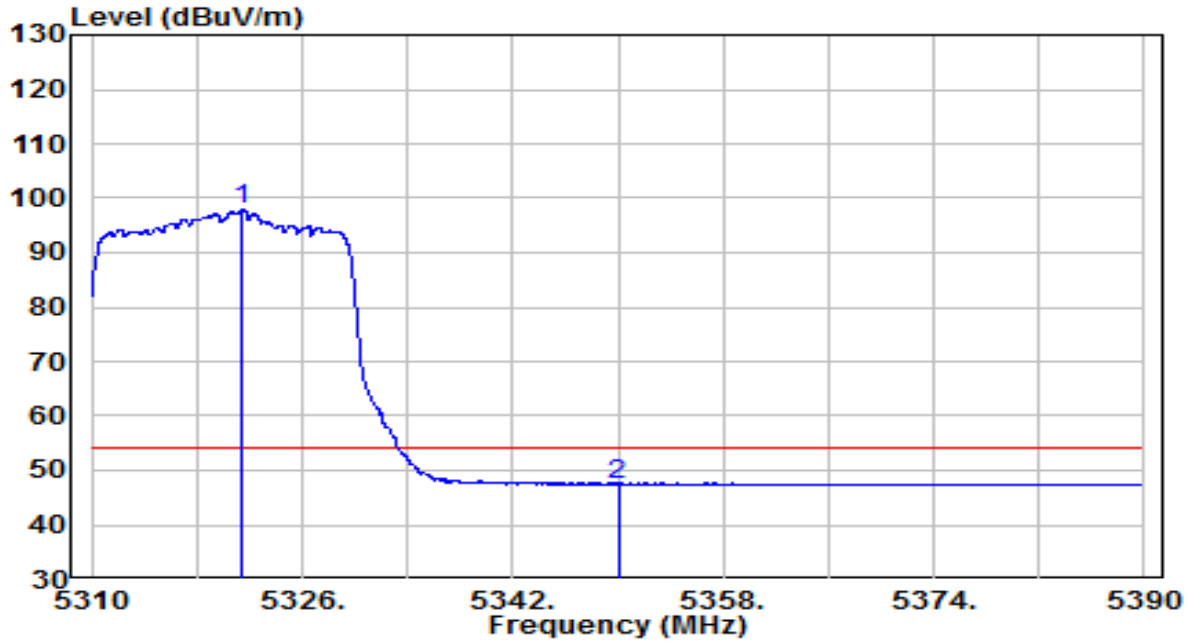
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

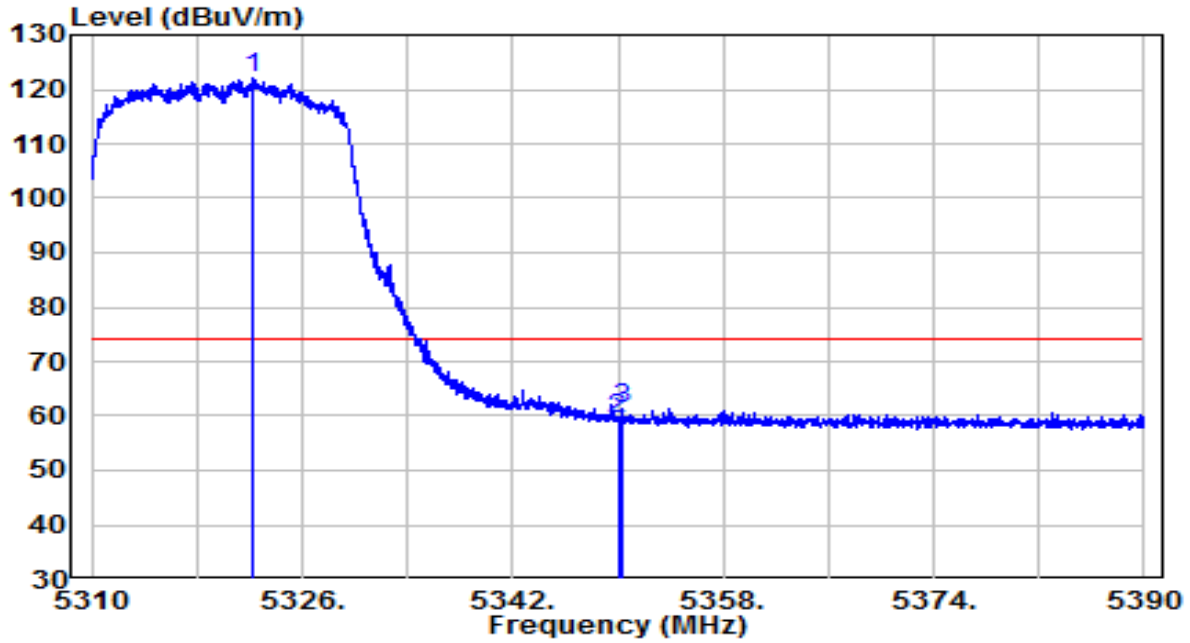


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.400	77.28	20.48	97.75	N/A	N/A	Average
2		5350.000	27.00	20.52	47.52	-6.48	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5322.280	101.52	20.48	122.00	N/A	N/A	Peak
2		5350.000	38.86	20.52	59.38	-14.62	74.00	Peak
3		5350.360	40.71	20.52	61.23	-12.77	74.00	Peak

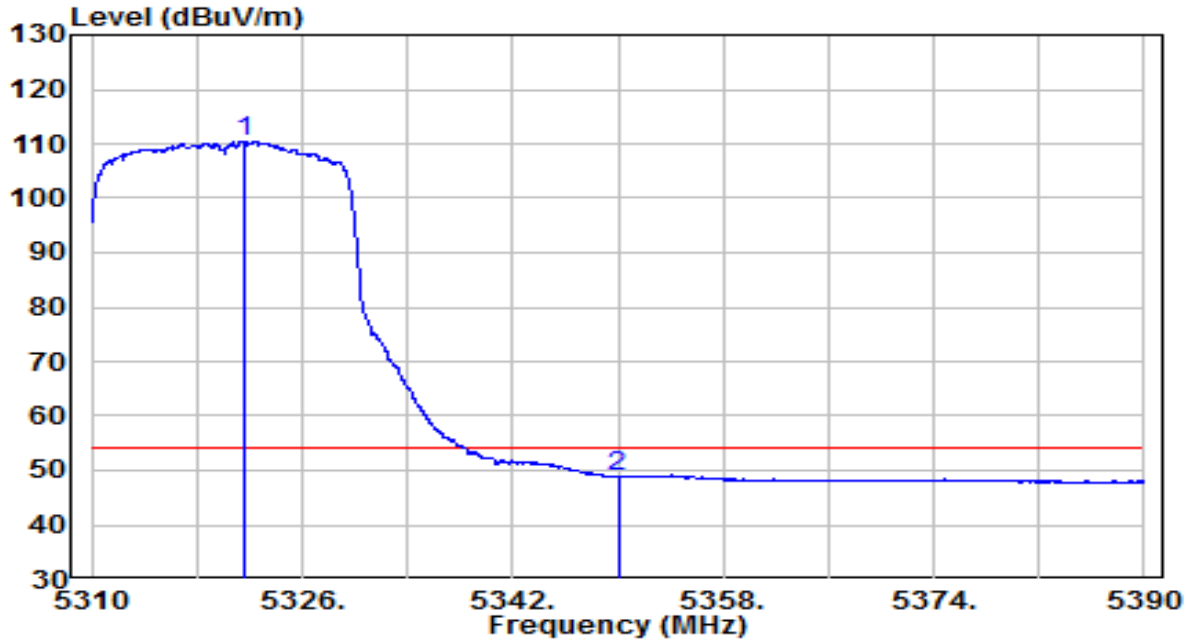
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5320MHz	Test Voltage	AC 120V/60Hz

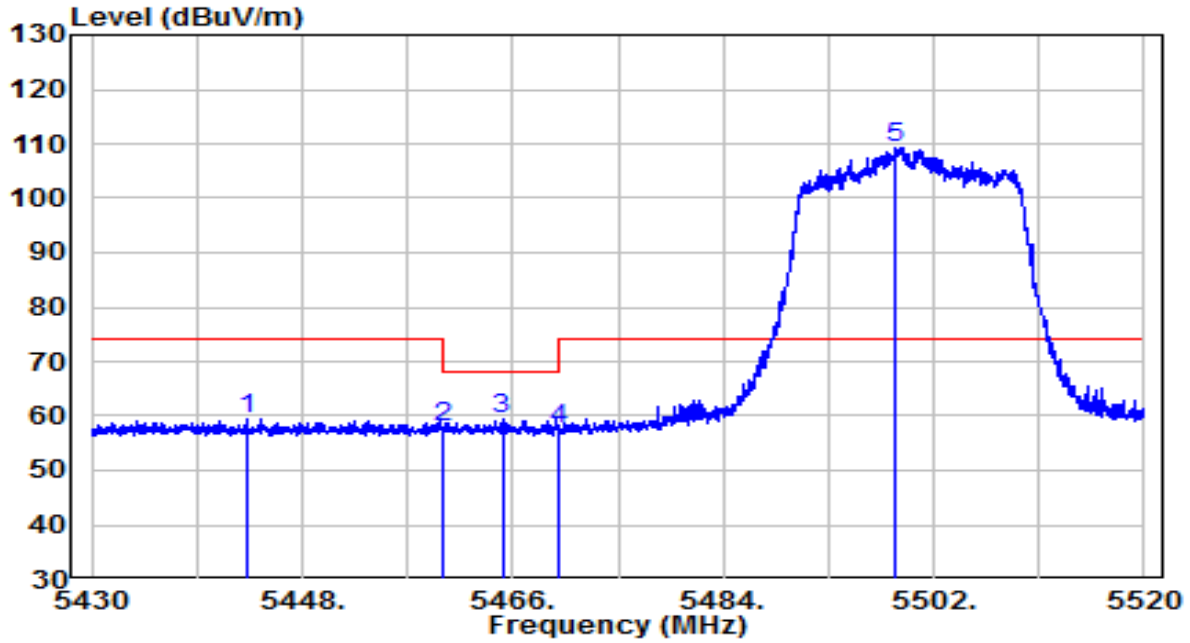


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.600	89.94	20.48	110.42	N/A	N/A	Average
2		5350.000	28.19	20.52	48.71	-5.29	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5443.230	38.87	20.68	59.55	-14.45	74.00	Peak
2		5460.000	37.12	20.70	57.83	-10.37	68.20	Peak
3		5465.100	38.83	20.71	59.54	-8.66	68.20	Peak
4		5470.000	36.91	20.72	57.63	-10.57	68.20	Peak
5	*	5498.715	88.52	20.77	109.29	N/A	N/A	Peak

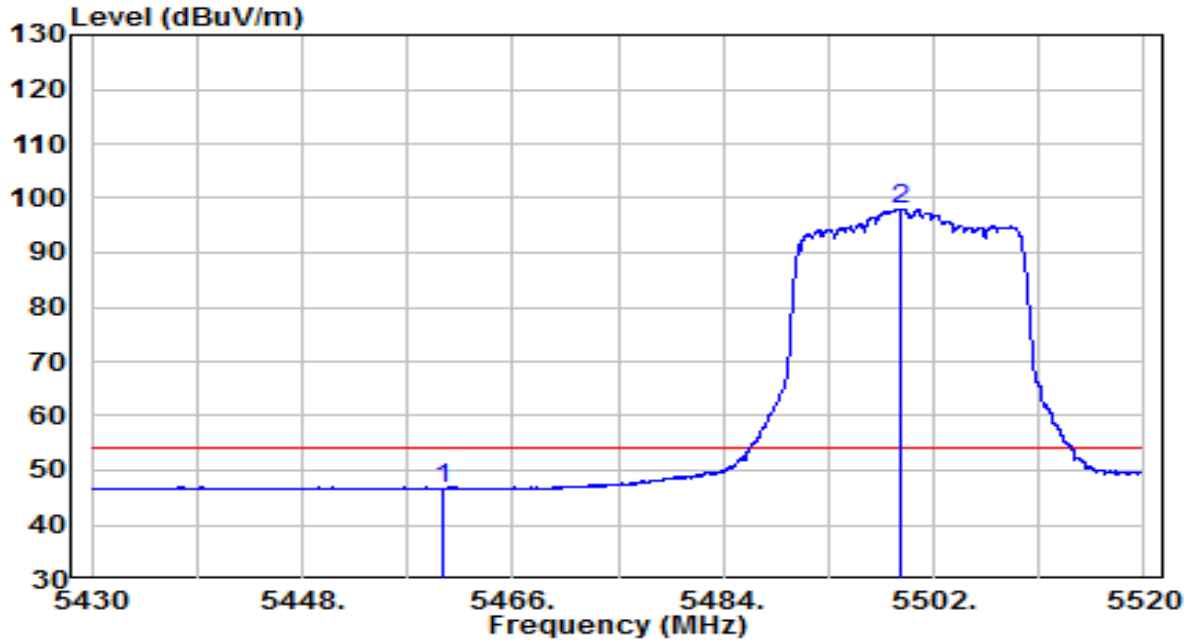
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

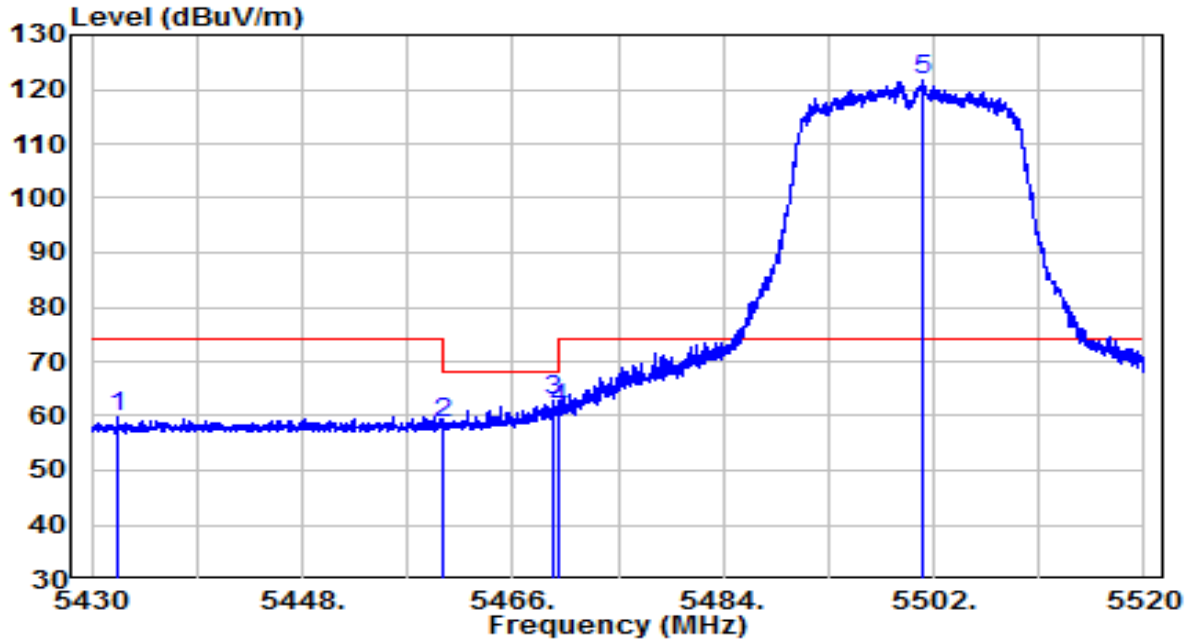


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.07	20.70	46.77	-7.23	54.00	Average
2	*	5499.210	77.21	20.77	97.98	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5432.295	39.10	20.66	59.75	-14.25	74.00	Peak
2		5460.000	37.85	20.70	58.56	-9.64	68.20	Peak
3		5469.510	42.22	20.72	62.94	-5.26	68.20	Peak
4		5470.000	40.53	20.72	61.25	-6.95	68.20	Peak
5	*	5501.010	100.83	20.77	121.61	N/A	N/A	Peak

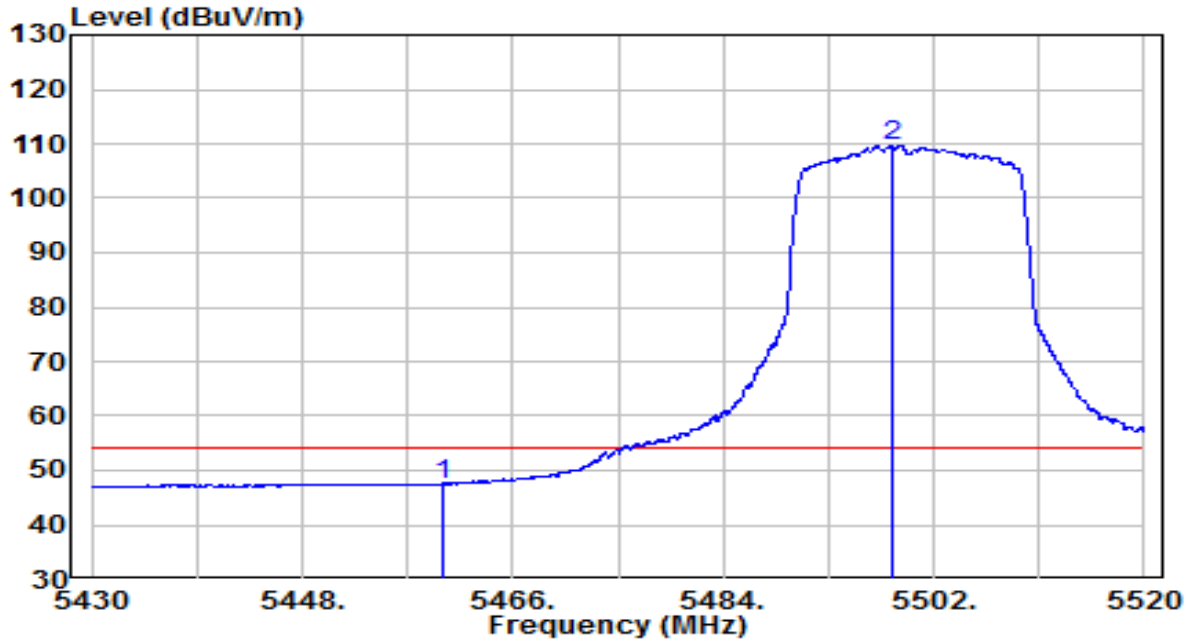
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5500MHz	Test Voltage	AC 120V/60Hz

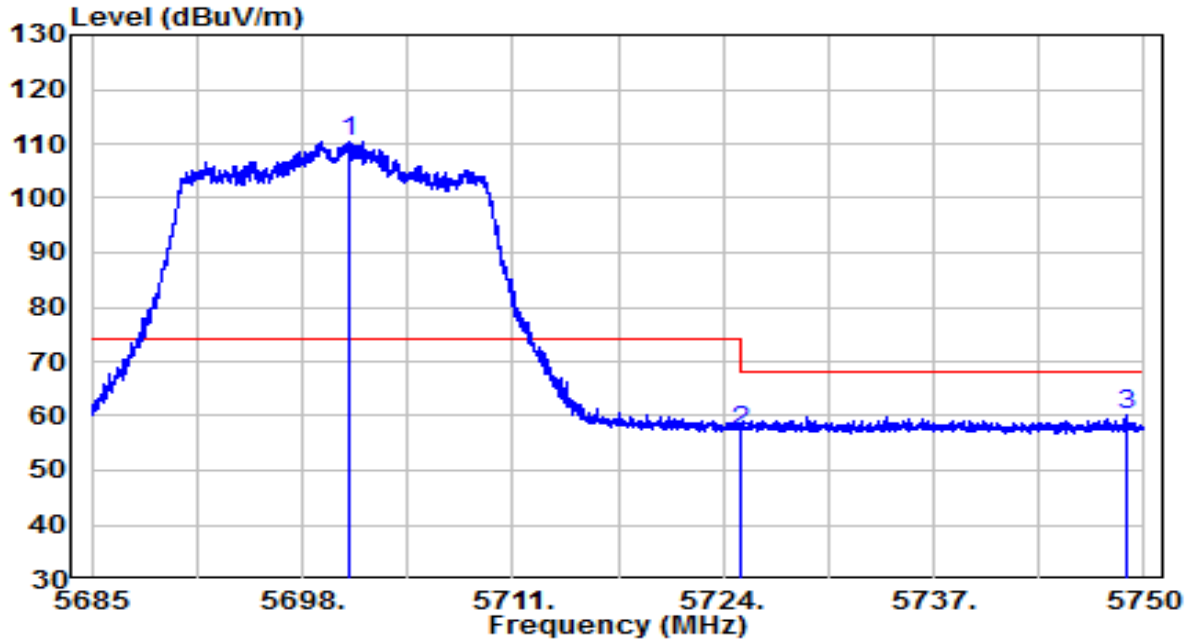


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.68	20.70	47.38	-6.62	54.00	Average
2	*	5498.400	88.87	20.77	109.64	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5700.828	88.87	21.50	110.37	N/A	N/A	Peak
2		5725.000	35.59	21.59	57.18	-11.02	68.20	Peak
3		5748.928	38.35	21.68	60.03	-8.17	68.20	Peak

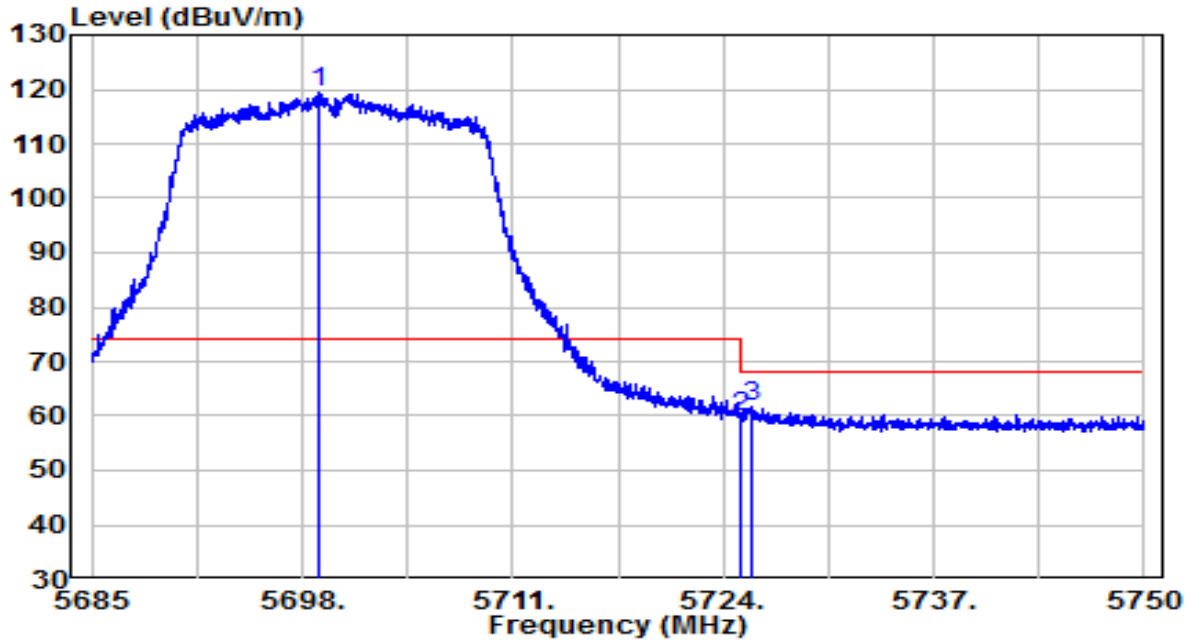
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5700MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5698.975	98.05	21.49	119.55	N/A	N/A	Peak
2		5725.000	38.24	21.59	59.83	-8.37	68.20	Peak
3		5725.690	39.92	21.59	61.51	-6.69	68.20	Peak

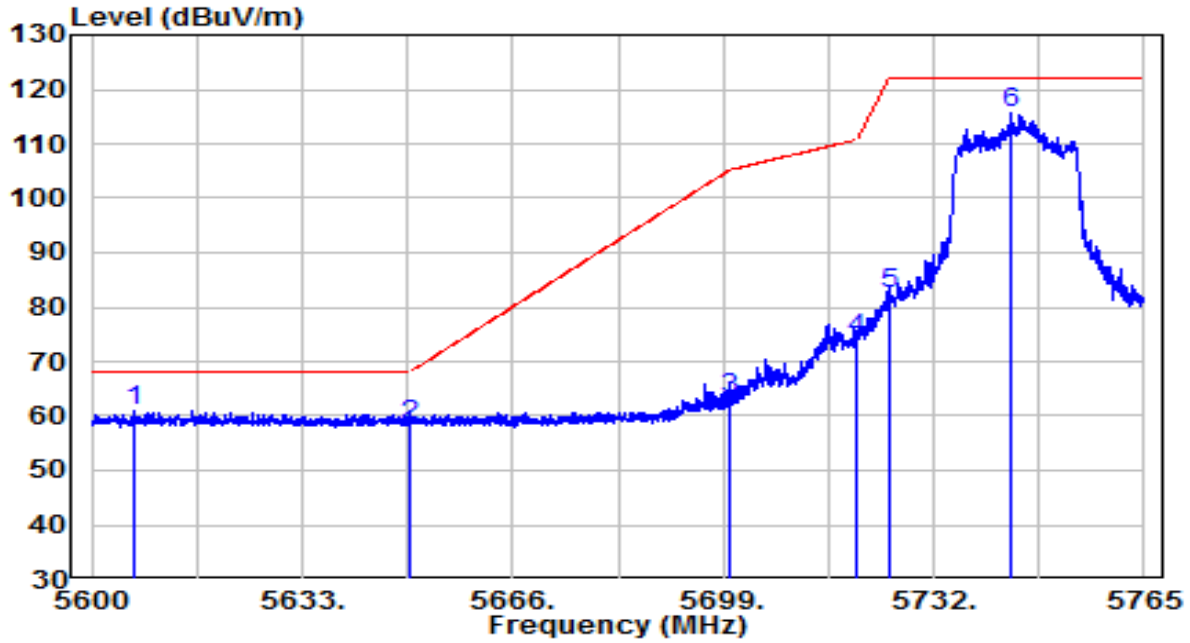
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5606.600	39.67	21.16	60.83	-7.37	68.20	Peak
2		5650.000	36.87	21.32	58.18	-10.02	68.20	Peak
3		5700.000	41.58	21.50	63.07	-42.13	105.20	Peak
4		5720.000	52.70	21.57	74.27	-36.53	110.80	Peak
5		5725.000	60.96	21.59	82.55	-39.65	122.20	Peak
6	*	5744.210	93.88	21.66	115.54	N/A	N/A	Peak

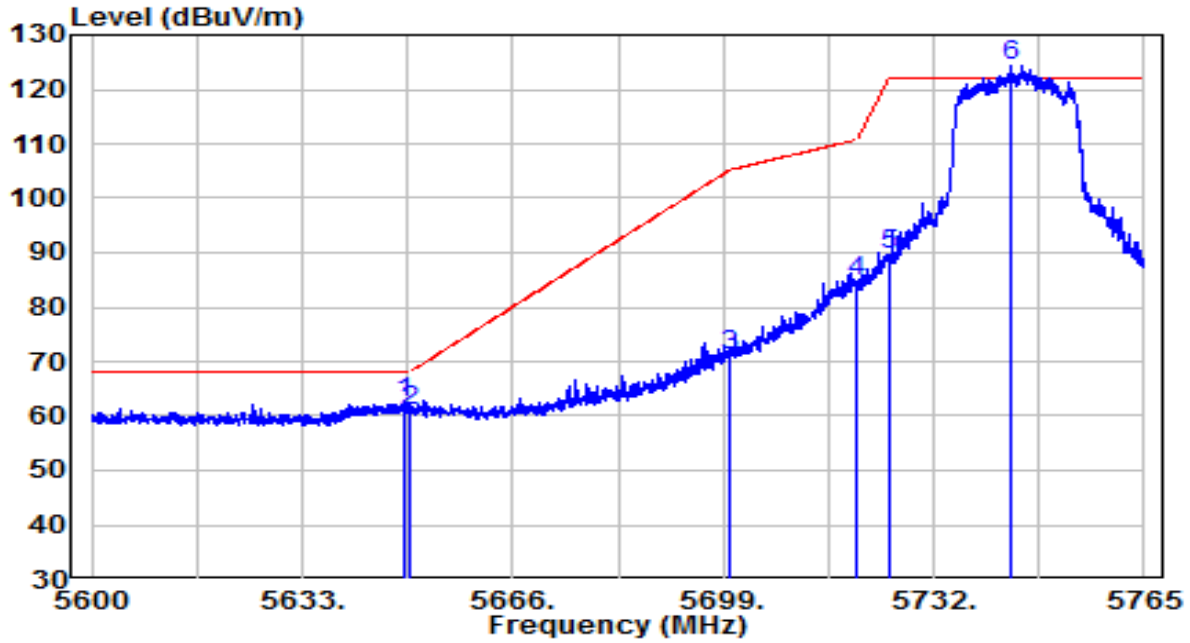
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5648.840	41.18	21.31	62.49	-5.71	68.20	Peak
2		5650.000	39.78	21.32	61.10	-7.10	68.20	Peak
3		5700.000	49.55	21.50	71.04	-34.16	105.20	Peak
4		5720.000	63.22	21.57	84.79	-26.01	110.80	Peak
5		5725.000	68.09	21.59	89.68	-32.52	122.20	Peak
6	*	5744.045	102.54	21.66	124.20	N/A	N/A	Peak

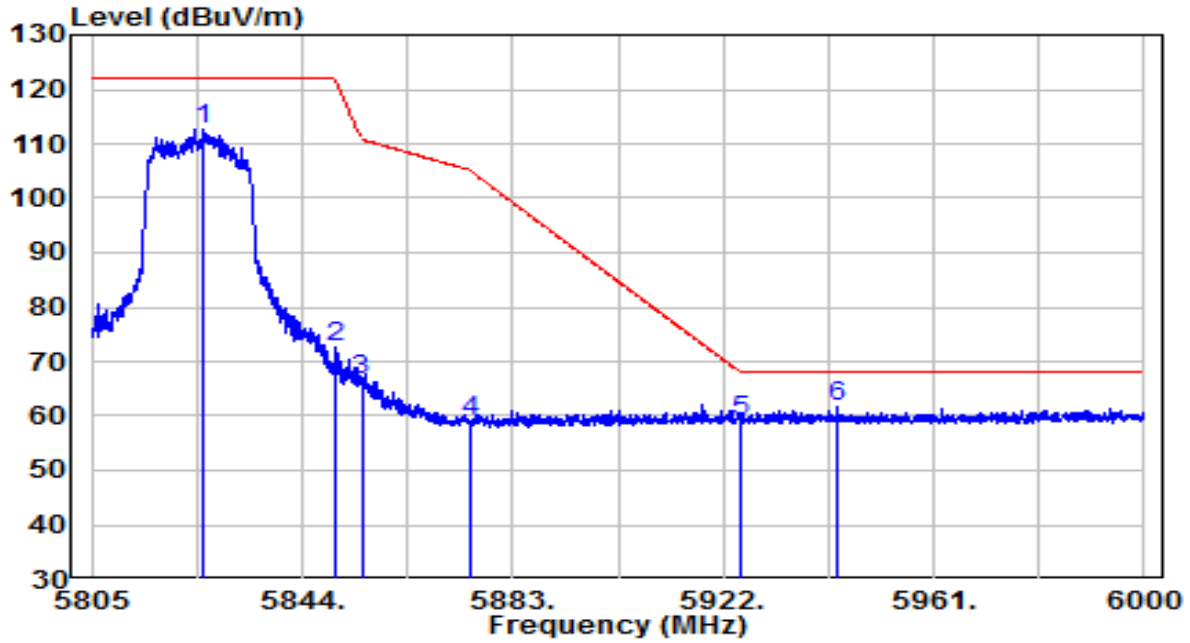
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5825.768	90.87	21.96	112.82	N/A	N/A	Peak
2		5850.000	50.52	22.04	72.56	-49.64	122.20	Peak
3		5855.000	44.61	22.06	66.67	-44.13	110.80	Peak
4		5875.000	36.99	22.14	59.13	-46.07	105.20	Peak
5		5925.000	36.68	22.32	59.00	-9.20	68.20	Peak
6	*	5943.060	39.15	22.38	61.53	-6.67	68.20	Peak

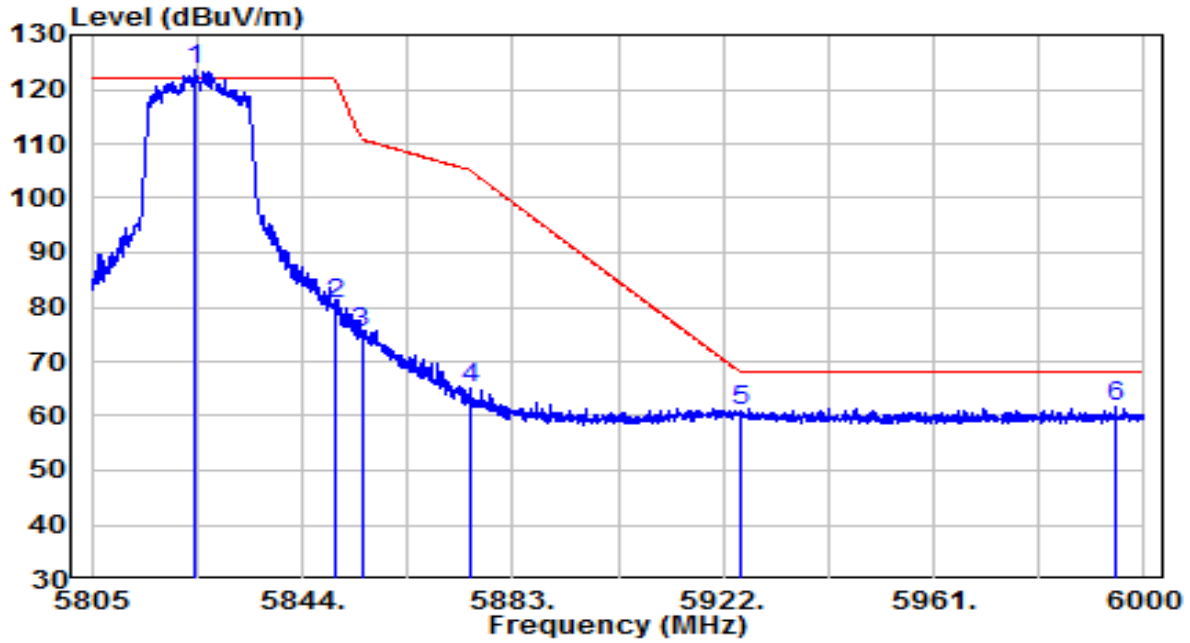
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 5825MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5823.915	101.63	21.95	123.58	N/A	N/A	Peak
2		5850.000	58.37	22.04	80.41	-41.79	122.20	Peak
3		5855.000	53.32	22.06	75.38	-35.42	110.80	Peak
4		5875.000	43.07	22.14	65.20	-40.00	105.20	Peak
5		5925.000	38.63	22.32	60.95	-7.25	68.20	Peak
6		5994.735	39.17	22.57	61.74	-6.46	68.20	Peak

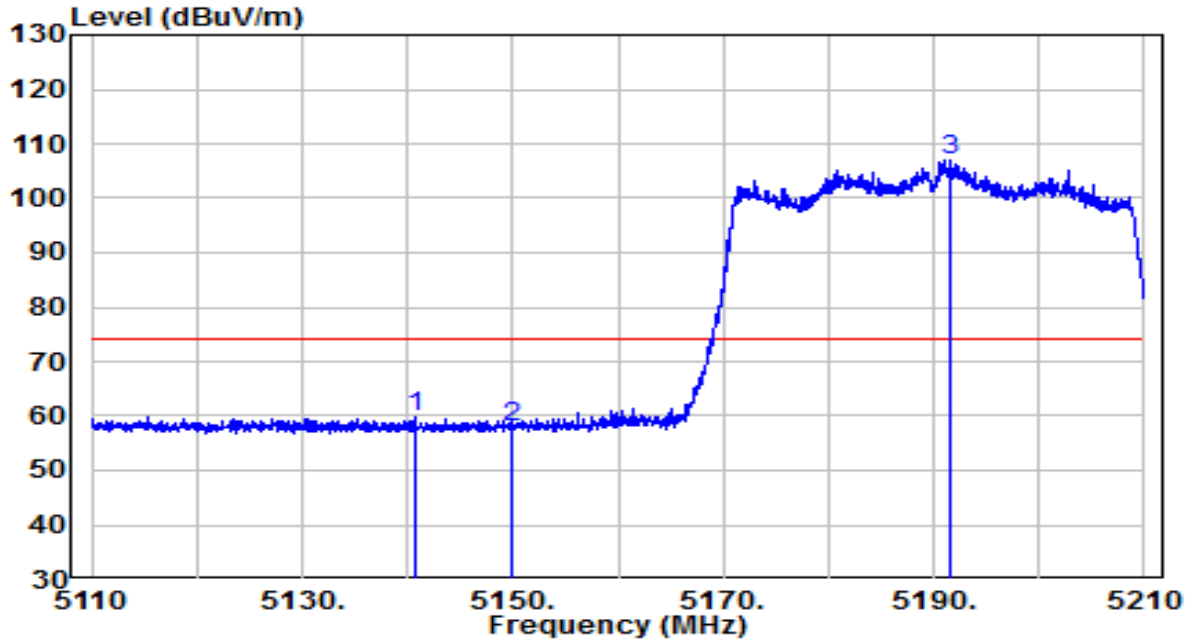
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5140.650	39.74	20.18	59.92	-14.08	74.00	Peak
2		5150.000	37.83	20.20	58.03	-15.97	74.00	Peak
3	*	5191.450	86.78	20.26	107.04	N/A	N/A	Peak

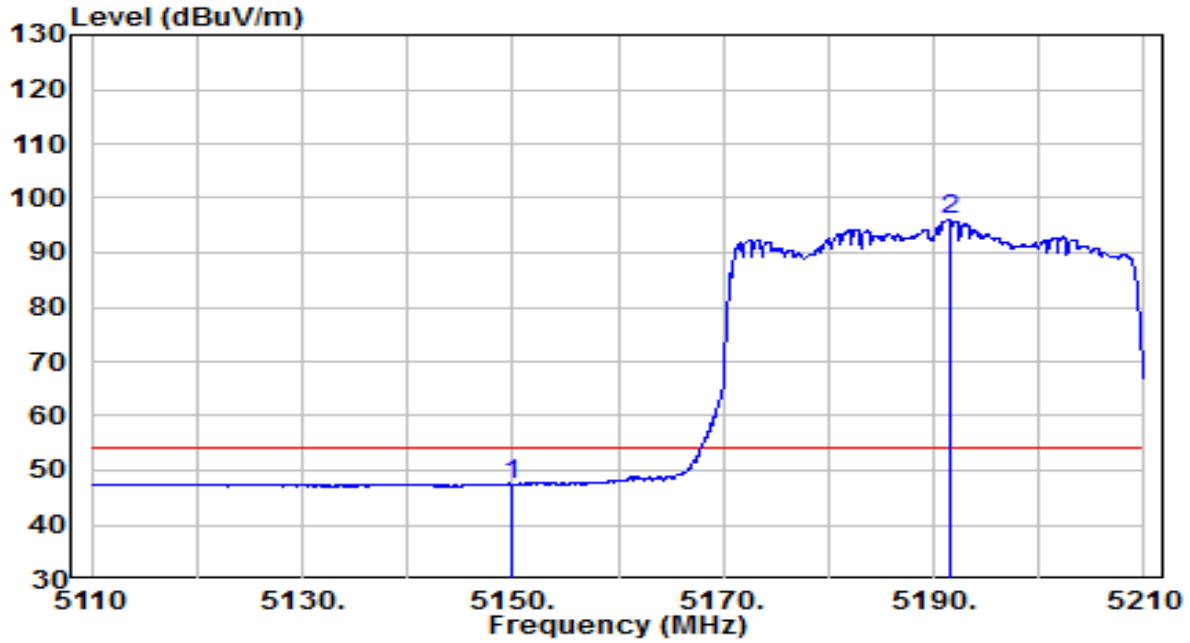
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz

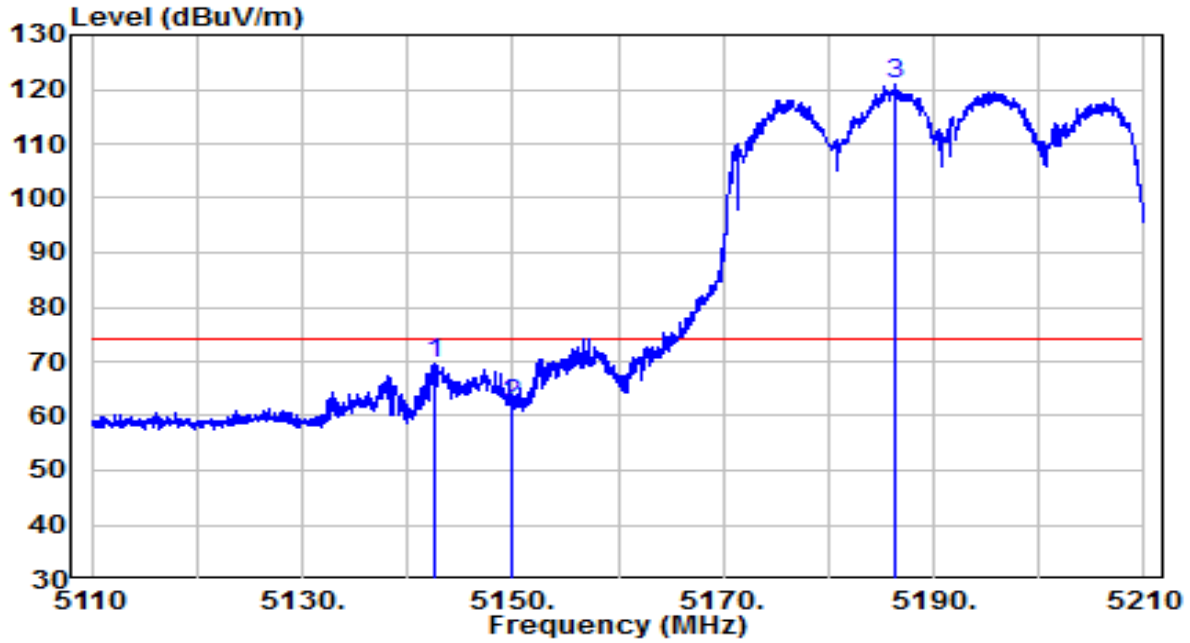


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.26	20.20	47.45	-6.55	54.00	Average
2	*	5191.450	75.77	20.26	96.03	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5142.550	49.27	20.18	69.46	-4.54	74.00	Peak
2		5150.000	42.06	20.20	62.25	-11.75	74.00	Peak
3	*	5186.450	100.82	20.26	121.08	N/A	N/A	Peak

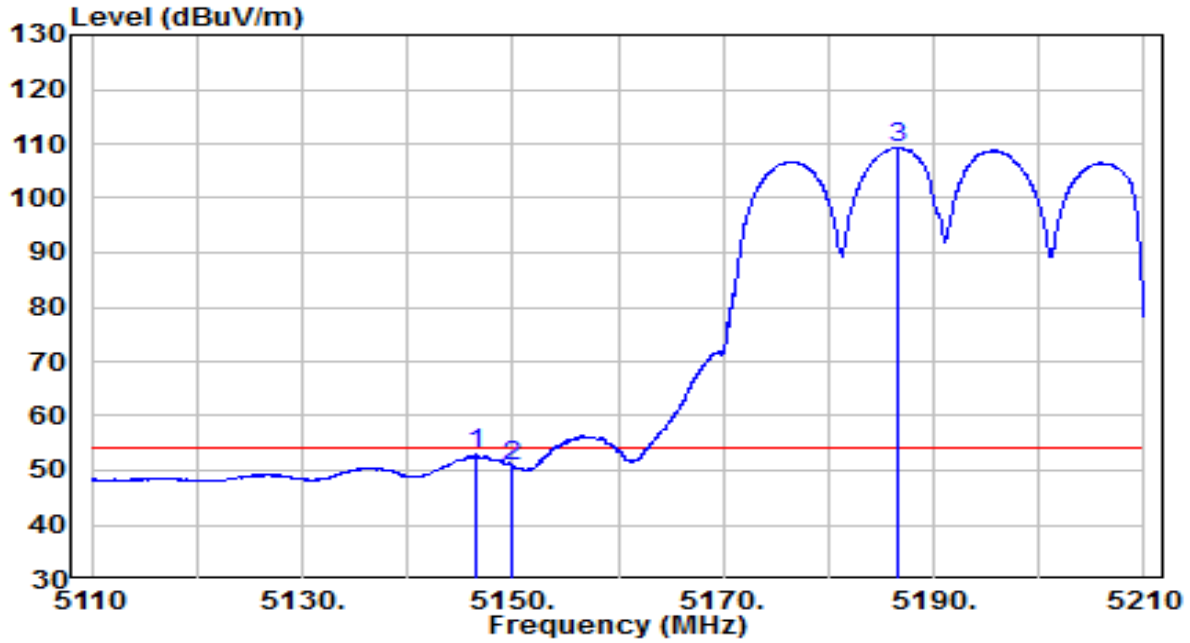
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5190MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5146.600	32.66	20.19	52.85	-1.15	54.00	Average
2		5150.000	30.57	20.20	50.76	-3.24	54.00	Average
3	*	5186.600	89.08	20.26	109.34	N/A	N/A	Average

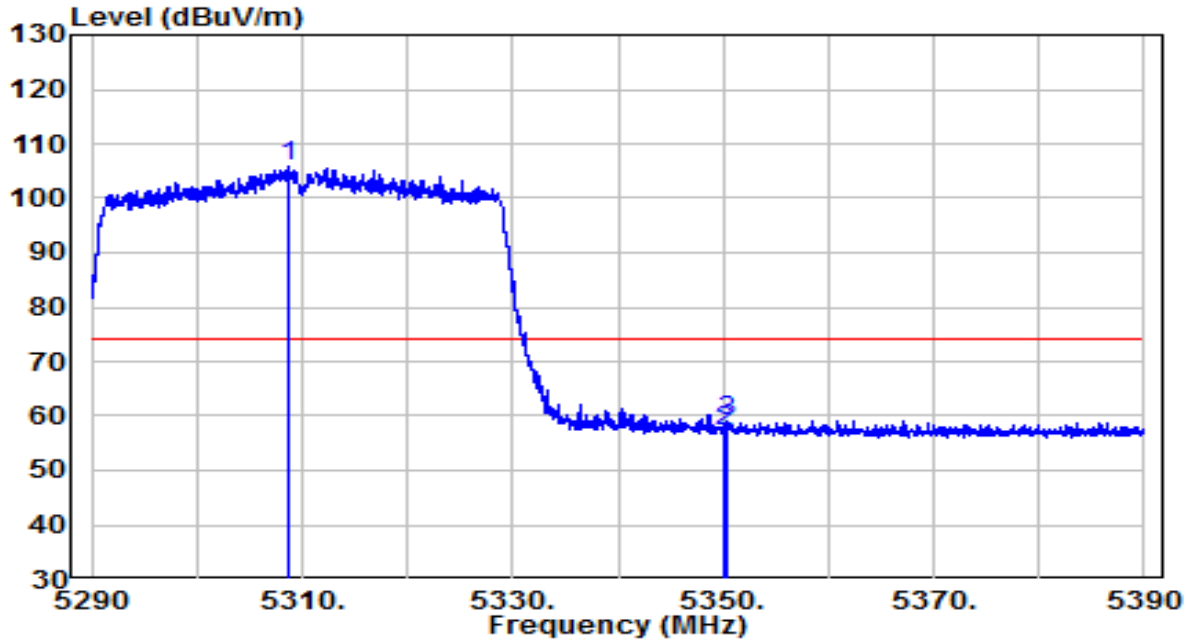
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5308.600	85.22	20.46	105.67	N/A	N/A	Peak
2		5350.000	36.83	20.52	57.36	-16.64	74.00	Peak
3		5350.350	38.70	20.52	59.22	-14.78	74.00	Peak

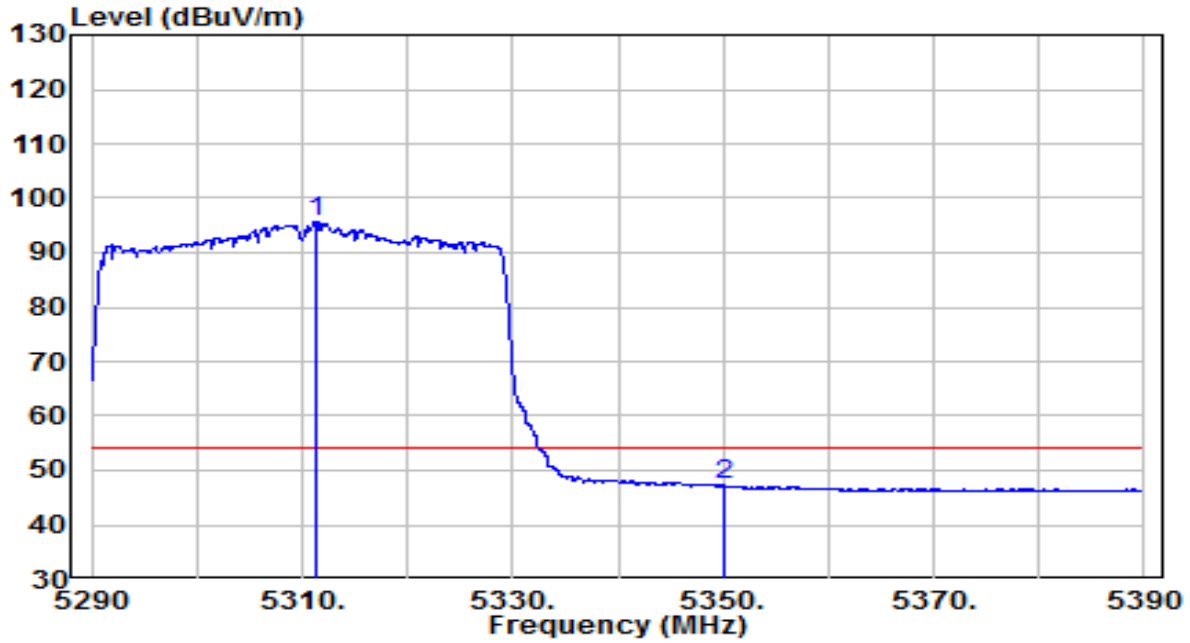
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz

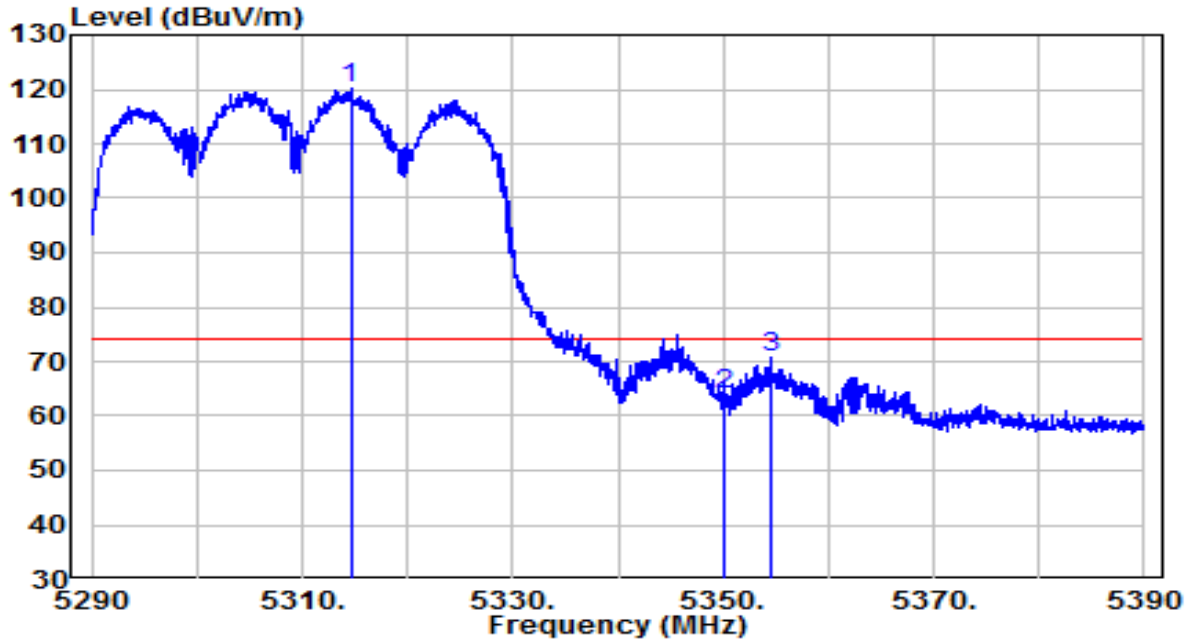


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5311.400	75.30	20.46	95.76	N/A	N/A	Average
2		5350.000	26.65	20.52	47.18	-6.82	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5314.600	99.60	20.47	120.07	N/A	N/A	Peak
2		5350.000	43.56	20.52	64.08	-9.92	74.00	Peak
3		5354.450	50.25	20.53	70.78	-3.22	74.00	Peak

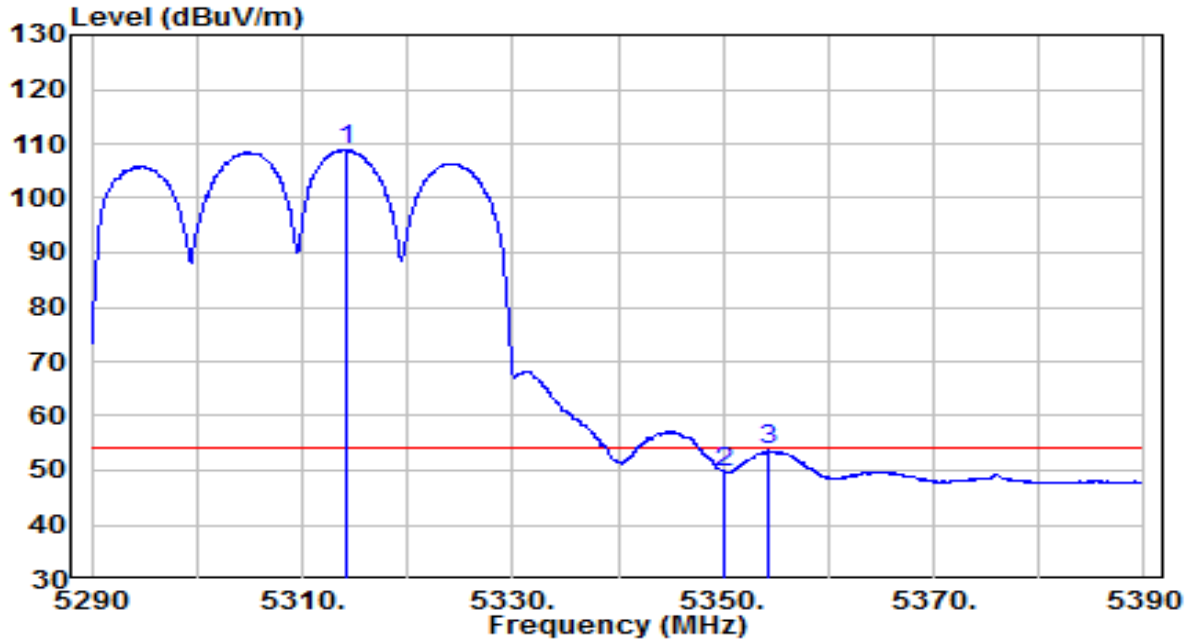
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5310MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5314.200	88.40	20.47	108.87	N/A	N/A	Average
2		5350.000	29.24	20.52	49.77	-4.23	54.00	Average
3		5354.250	33.11	20.53	53.64	-0.36	54.00	Average

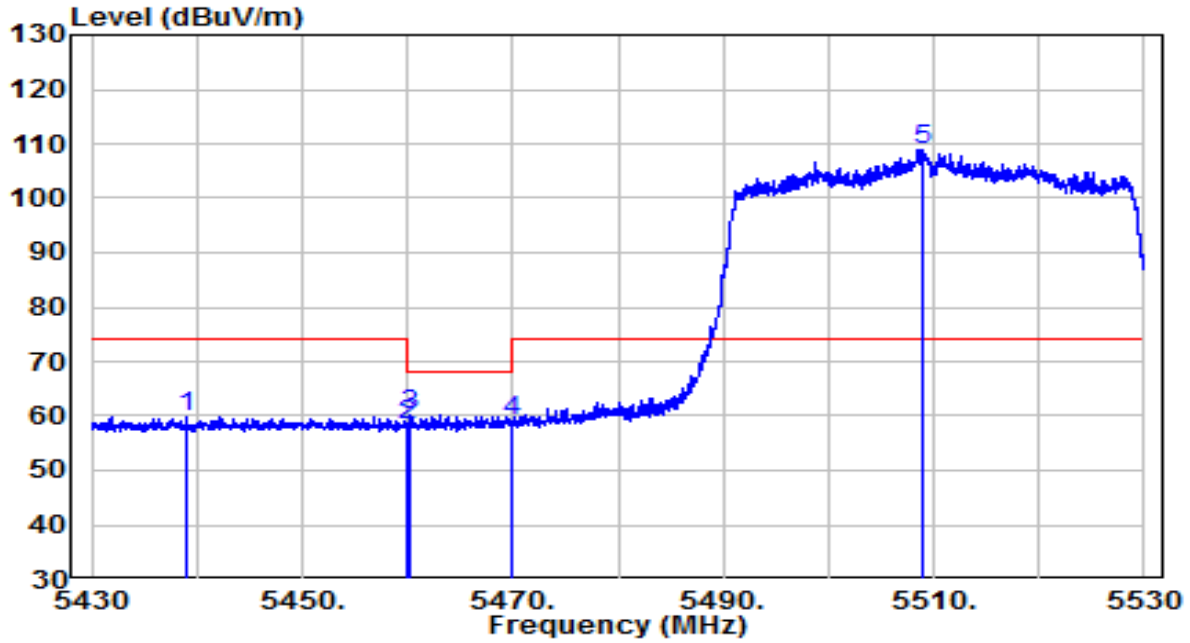
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5438.950	39.20	20.67	59.87	-14.13	74.00	Peak
2		5460.000	37.75	20.70	58.46	-9.74	68.20	Peak
3		5460.350	39.67	20.70	60.37	-7.83	68.20	Peak
4		5470.000	38.37	20.72	59.10	-9.10	68.20	Peak
5	*	5509.000	88.22	20.80	109.03	N/A	N/A	Peak

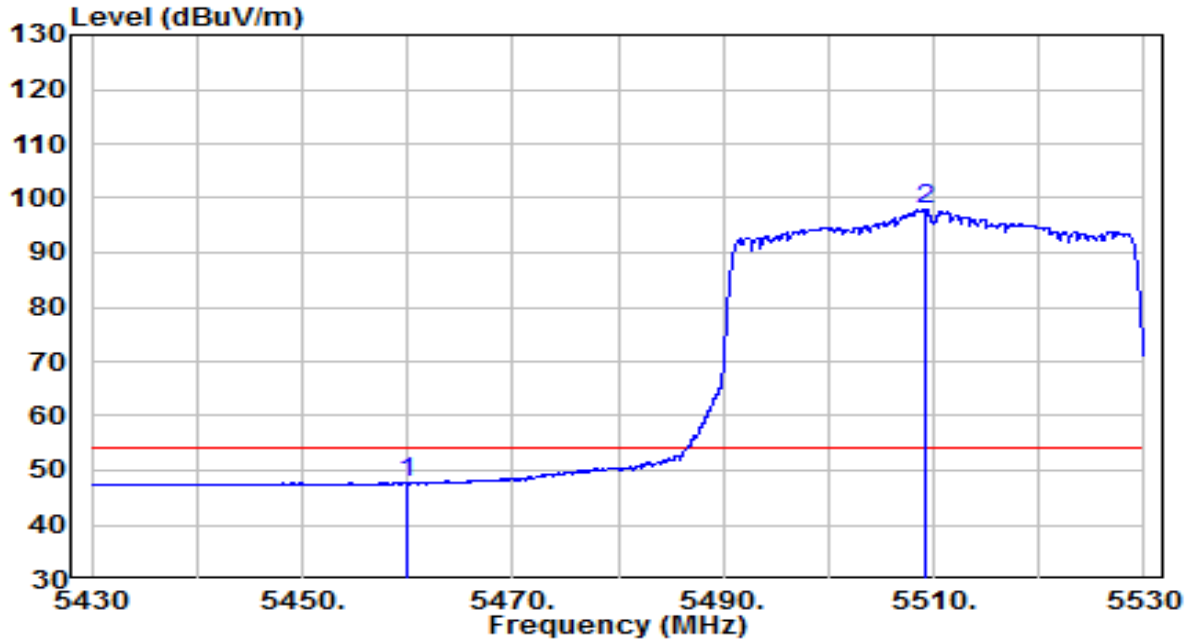
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

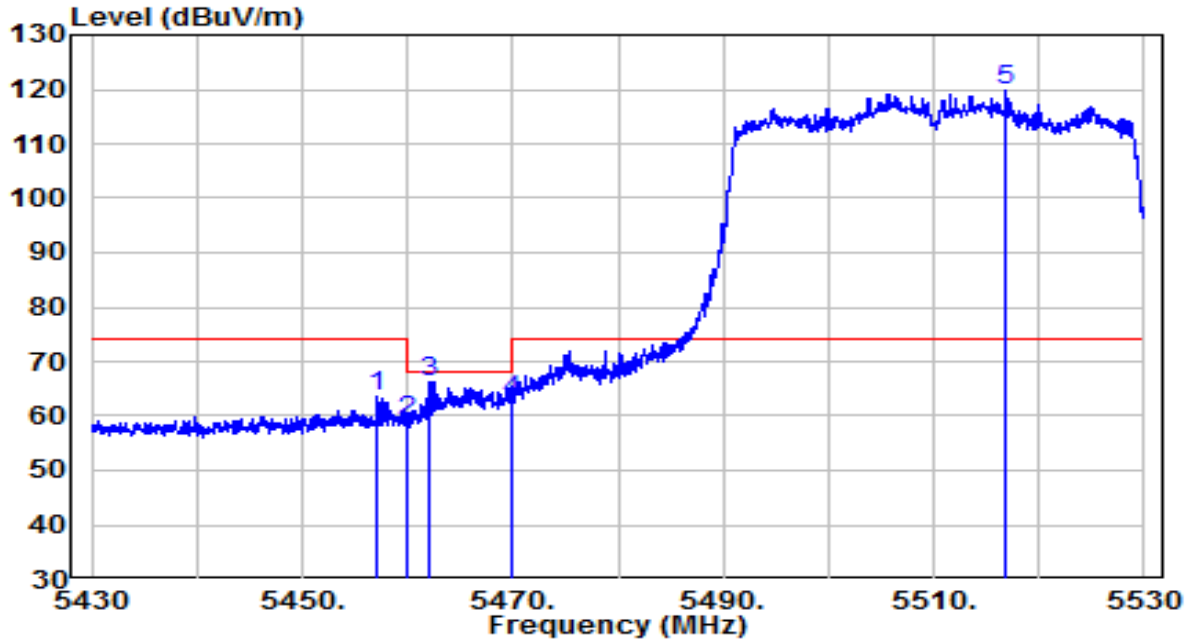


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	26.91	20.70	47.62	-6.38	54.00	Average
2	*	5509.150	77.19	20.80	98.00	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5457.100	42.82	20.70	63.52	-10.48	74.00	Peak
2		5460.000	38.35	20.70	59.06	-9.14	68.20	Peak
3		5462.150	45.66	20.71	66.37	-1.83	68.20	Peak
4		5470.000	41.96	20.72	62.68	-5.52	68.20	Peak
5	*	5516.900	98.81	20.83	119.64	N/A	N/A	Peak

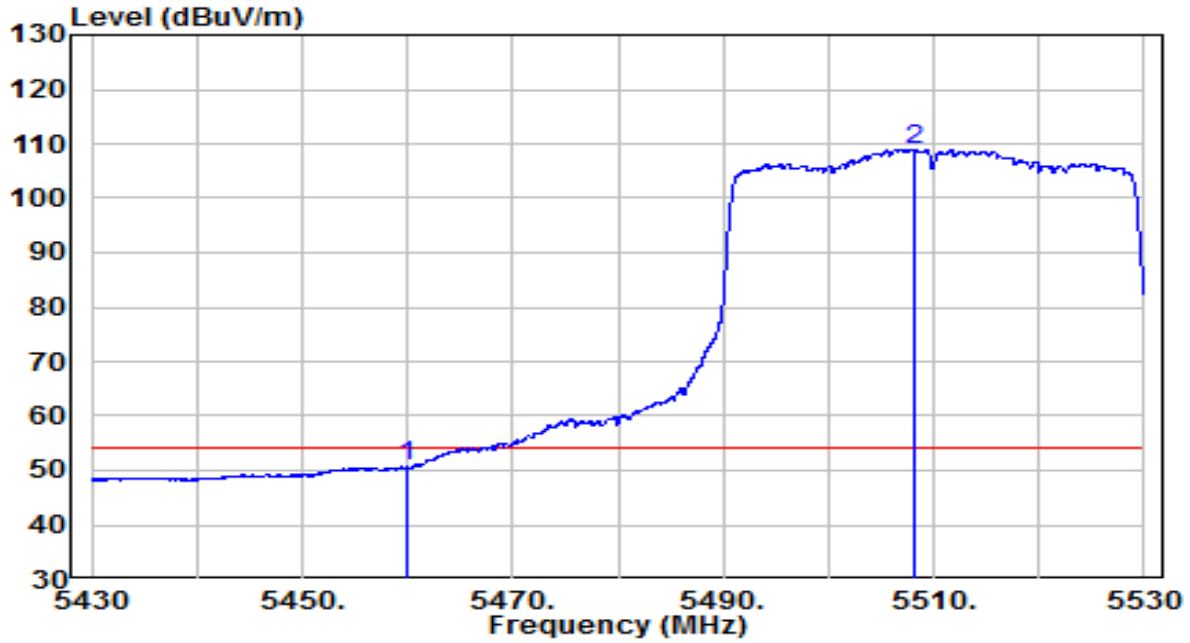
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5510MHz	Test Voltage	AC 120V/60Hz

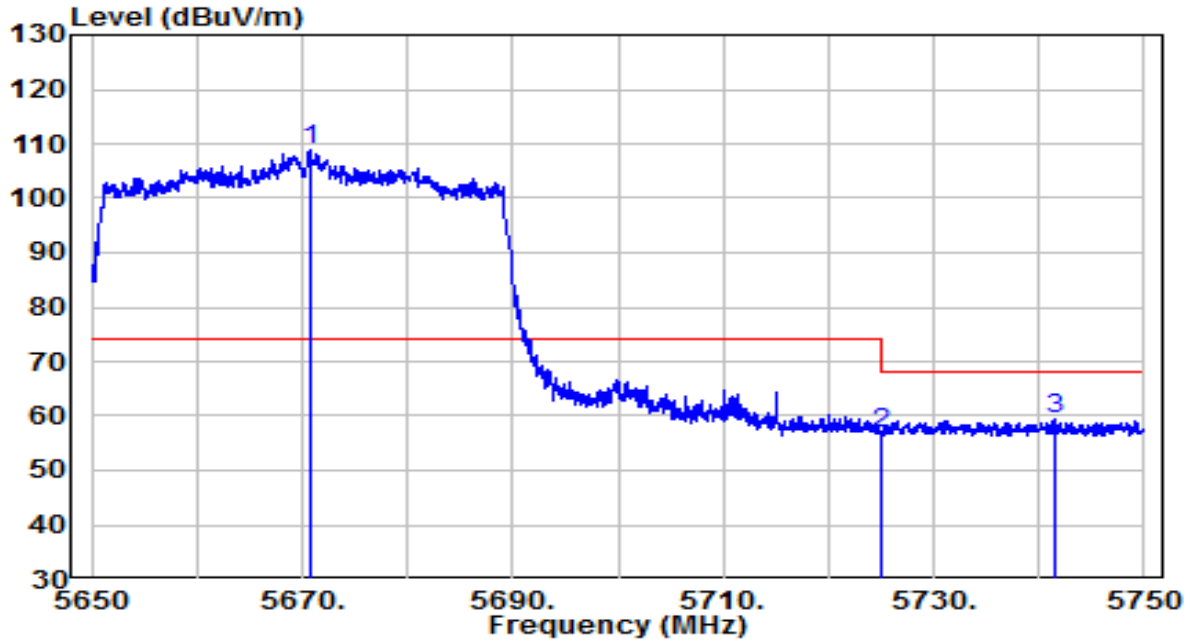


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	29.89	20.70	50.60	-3.40	54.00	Average
2	*	5508.150	88.23	20.80	109.03	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5670.800	87.33	21.39	108.72	N/A	N/A	Peak
2		5725.000	35.09	21.59	56.68	-11.52	68.20	Peak
3		5741.500	37.83	21.65	59.47	-8.73	68.20	Peak

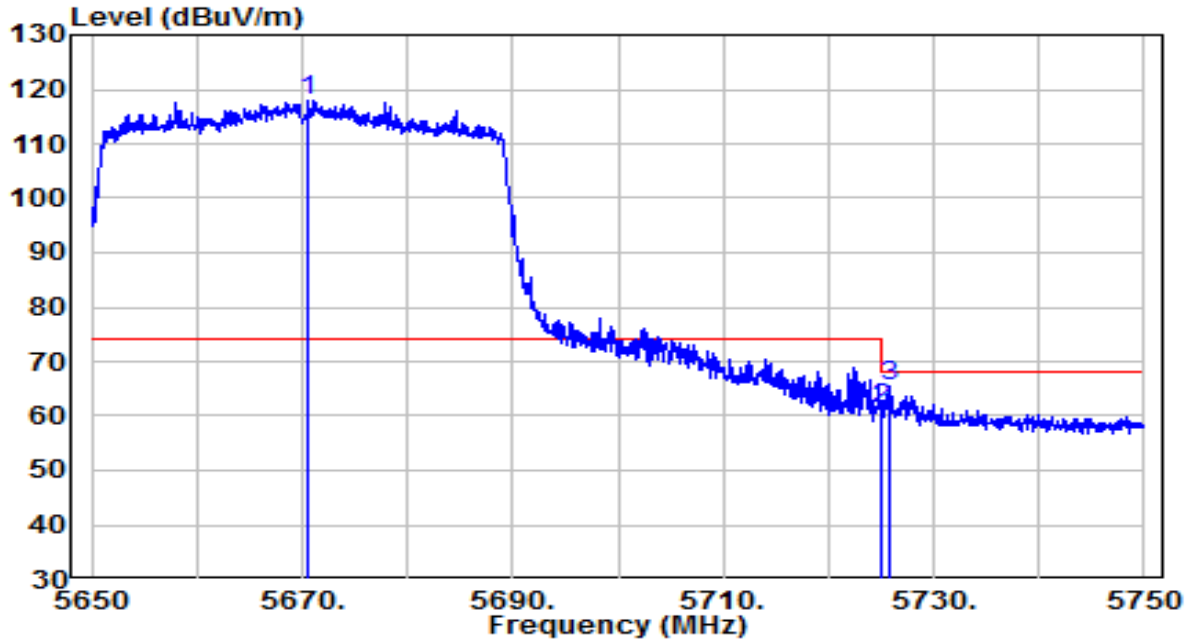
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5670MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5670.500	96.71	21.39	118.10	N/A	N/A	Peak
2		5725.000	39.81	21.59	61.40	-6.80	68.20	Peak
3		5725.700	44.02	21.59	65.61	-2.59	68.20	Peak

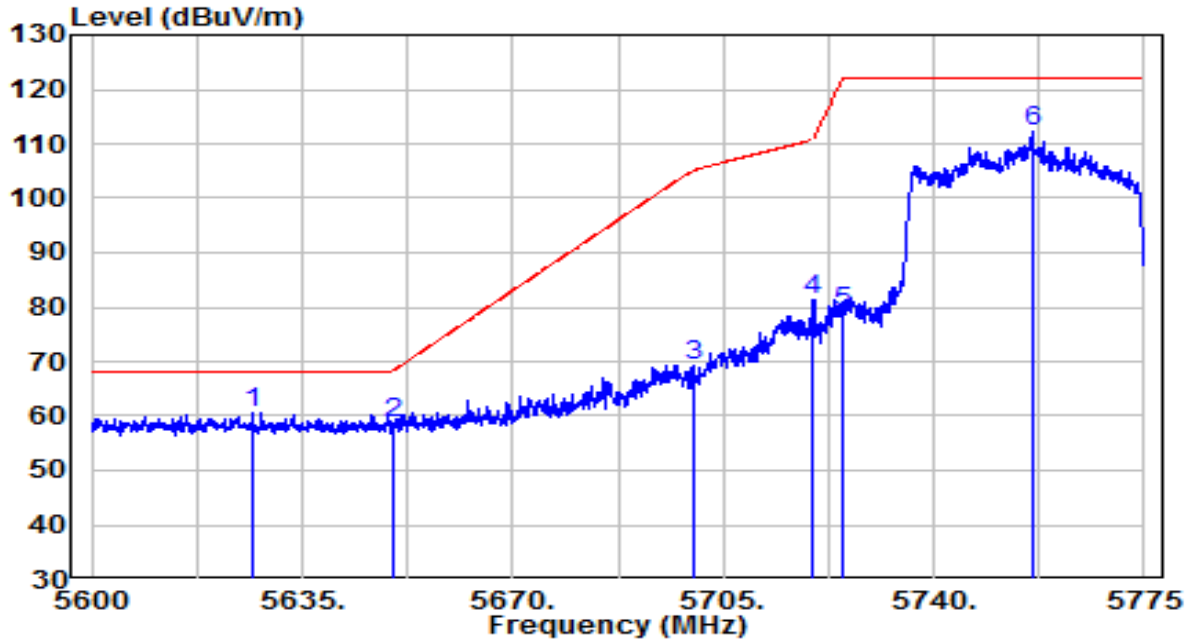
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5626.862	39.30	21.23	60.53	-7.67	68.20	Peak
2		5650.000	37.18	21.32	58.49	-9.71	68.20	Peak
3		5700.000	47.74	21.50	69.23	-35.97	105.20	Peak
4		5720.000	59.68	21.57	81.25	-29.55	110.80	Peak
5		5725.000	57.41	21.59	79.00	-43.20	122.20	Peak
6		5756.362	90.47	21.70	112.18	N/A	N/A	Peak

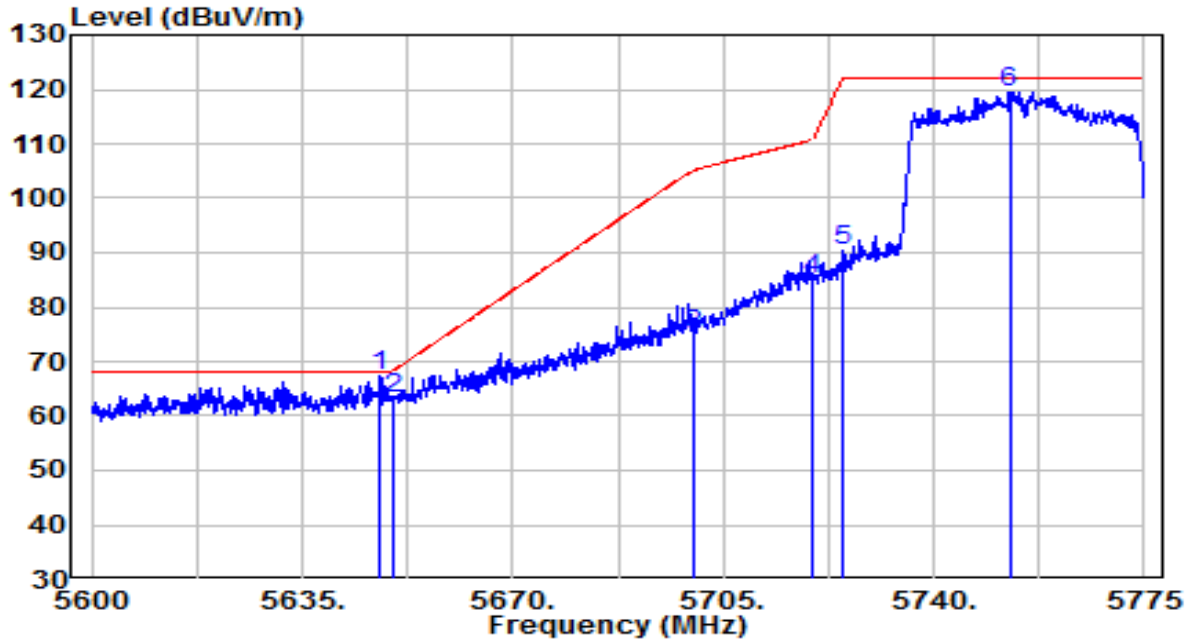
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5755MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5648.038	46.13	21.31	67.44	-0.76	68.20	Peak
2		5650.000	41.72	21.32	63.03	-5.17	68.20	Peak
3		5700.000	53.54	21.50	75.04	-30.16	105.20	Peak
4		5720.000	63.58	21.57	85.15	-25.65	110.80	Peak
5		5725.000	68.72	21.59	90.31	-31.89	122.20	Peak
6		5752.600	97.81	21.69	119.50	N/A	N/A	Peak

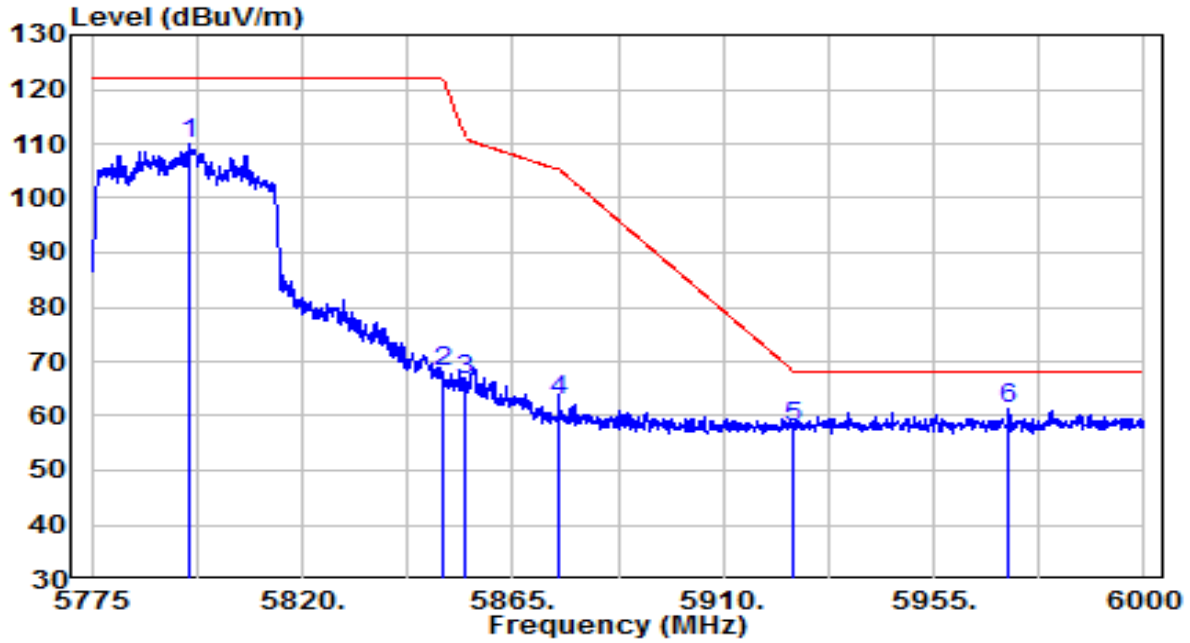
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5795.813	88.09	21.85	109.94	N/A	N/A	Peak
2		5850.000	46.23	22.04	68.28	-53.92	122.20	Peak
3		5855.000	44.54	22.06	66.60	-44.20	110.80	Peak
4		5875.000	40.87	22.14	63.00	-42.20	105.20	Peak
5		5925.000	35.49	22.32	57.80	-10.40	68.20	Peak
6	*	5971.087	38.71	22.48	61.20	-7.00	68.20	Peak

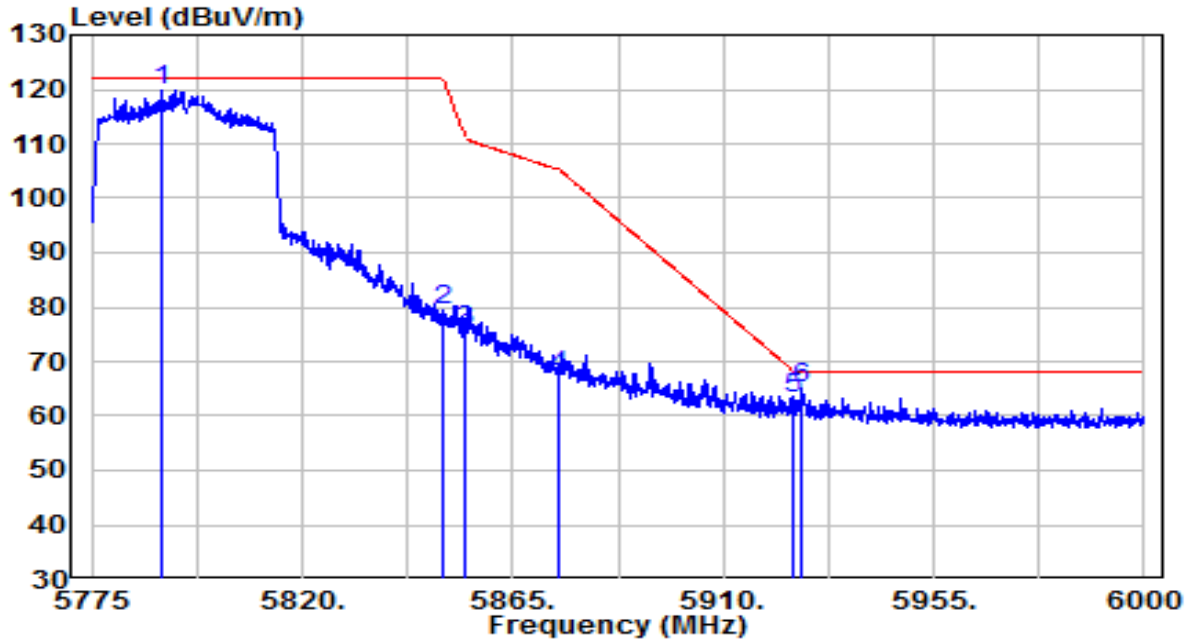
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 5795MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5789.850	97.92	21.83	119.74	N/A	N/A	Peak
2		5850.000	57.31	22.04	79.35	-42.85	122.20	Peak
3		5855.000	53.62	22.06	75.68	-35.12	110.80	Peak
4		5875.000	45.16	22.14	67.29	-37.91	105.20	Peak
5		5925.000	41.05	22.32	63.36	-4.84	68.20	Peak
6		5926.763	42.67	22.32	65.00	-3.20	68.20	Peak

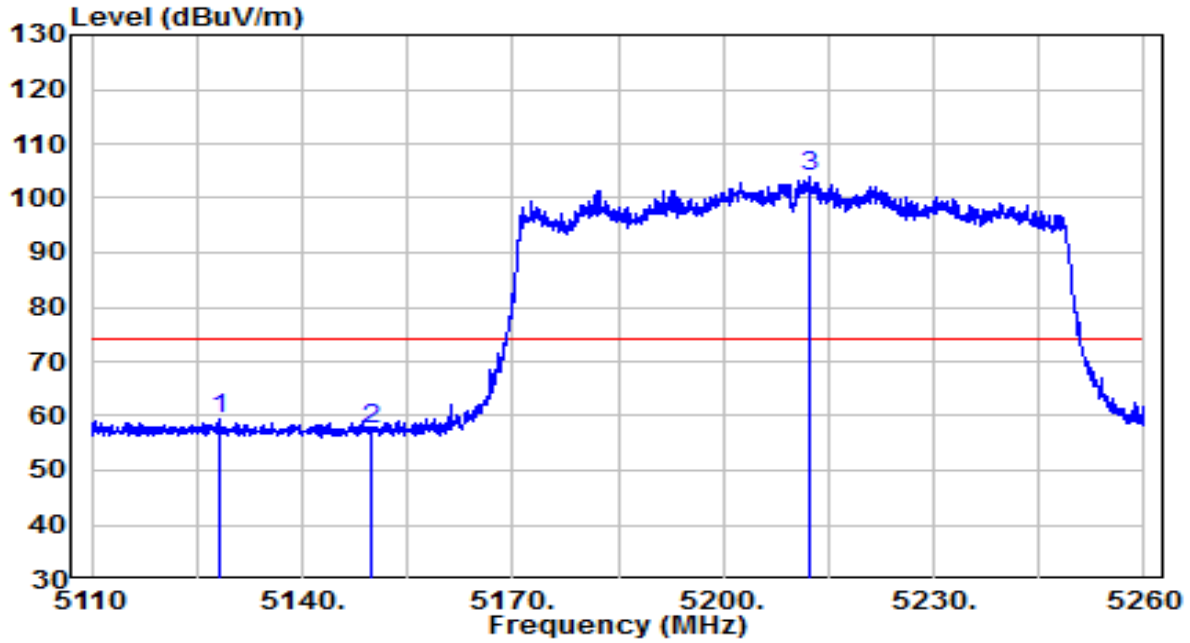
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5128.075	39.35	20.16	59.51	-14.49	74.00	Peak
2		5150.000	37.44	20.20	57.64	-16.36	74.00	Peak
3	*	5212.300	83.54	20.30	103.84	N/A	N/A	Peak

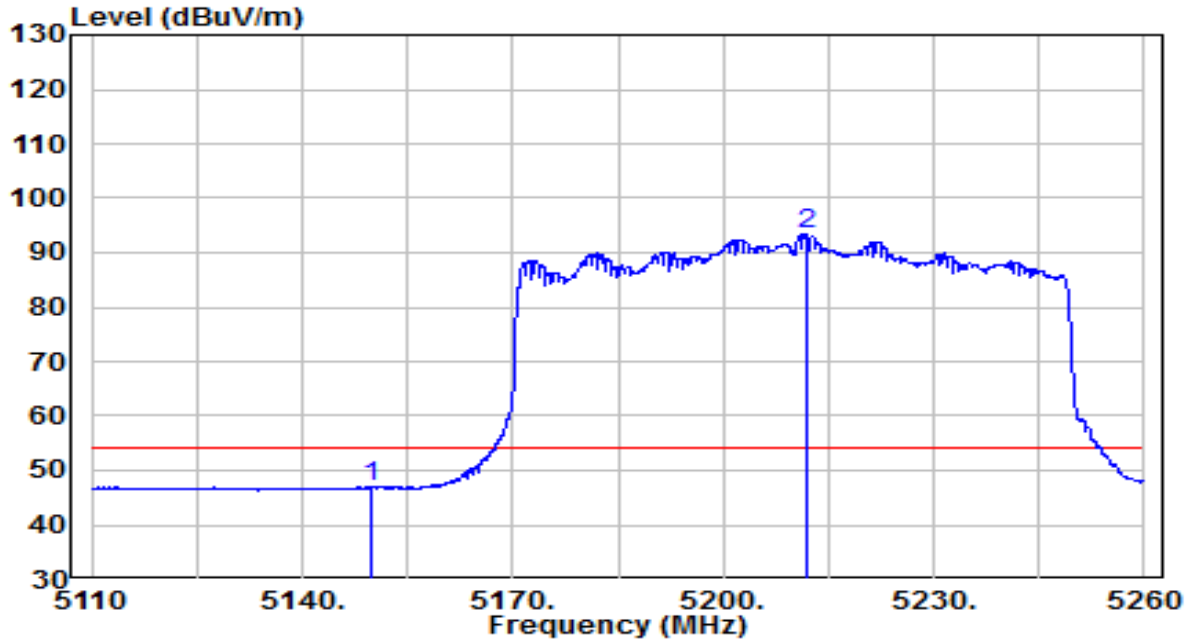
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz

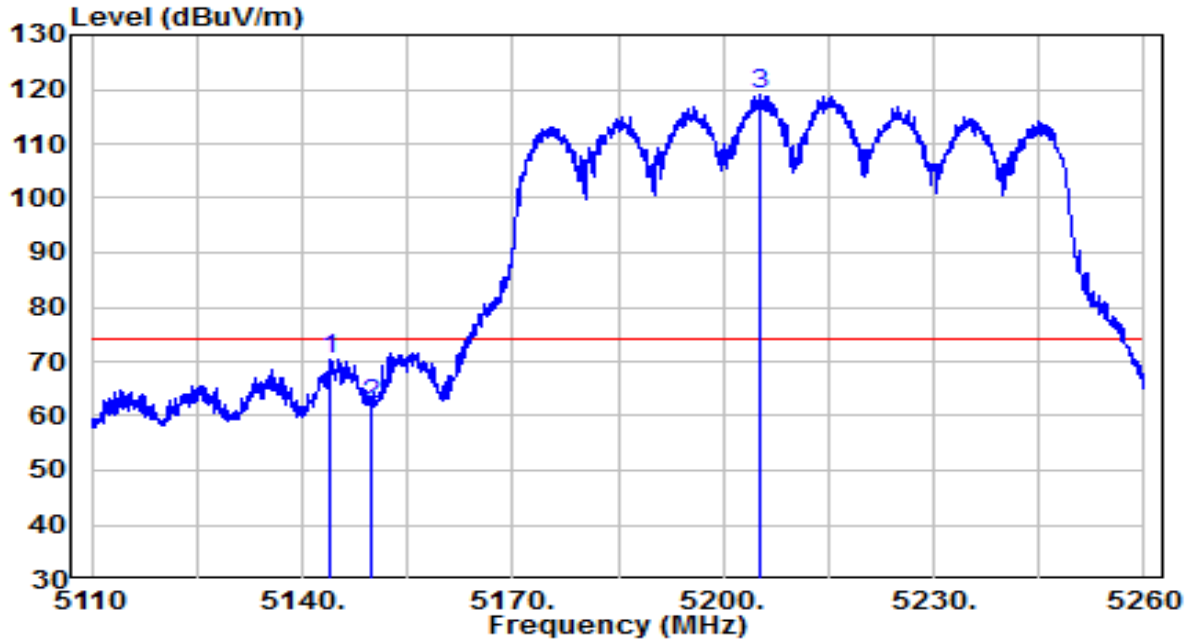


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	26.83	20.20	47.03	-6.97	54.00	Average
2	*	5212.000	73.23	20.30	93.53	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5144.125	50.10	20.19	70.28	-3.72	74.00	Peak
2		5150.000	41.96	20.20	62.16	-11.84	74.00	Peak
3	*	5205.100	98.83	20.29	119.12	N/A	N/A	Peak

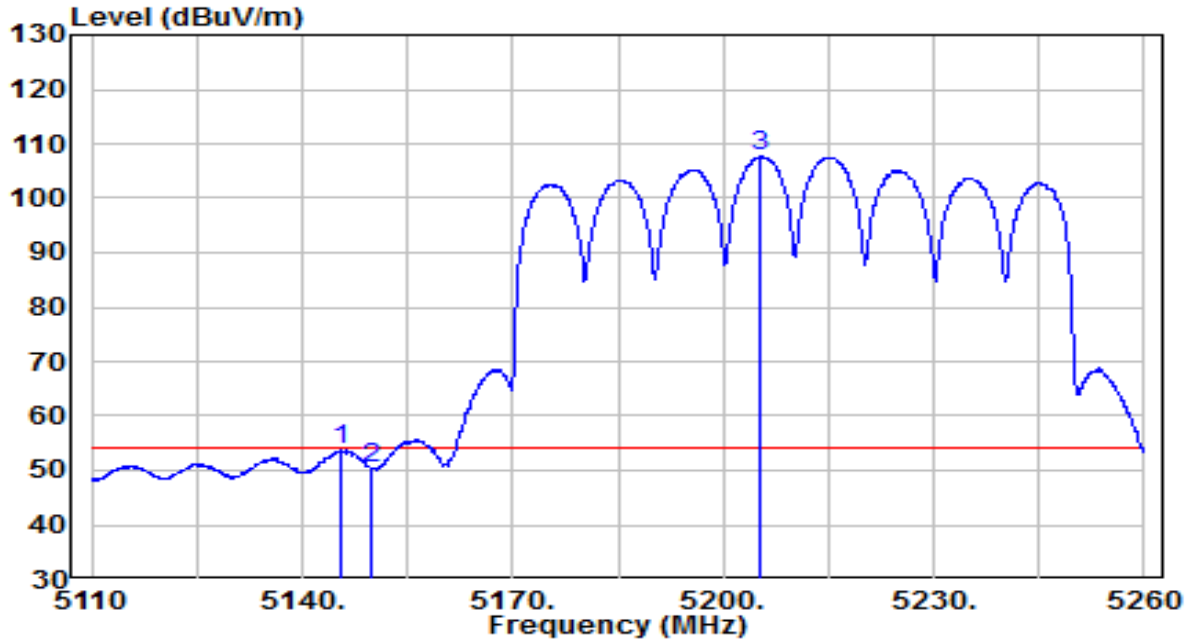
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5210MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5145.550	33.48	20.19	53.67	-0.33	54.00	Average
2		5150.000	29.99	20.20	50.19	-3.81	54.00	Average
3	*	5205.400	87.44	20.29	107.72	N/A	N/A	Average

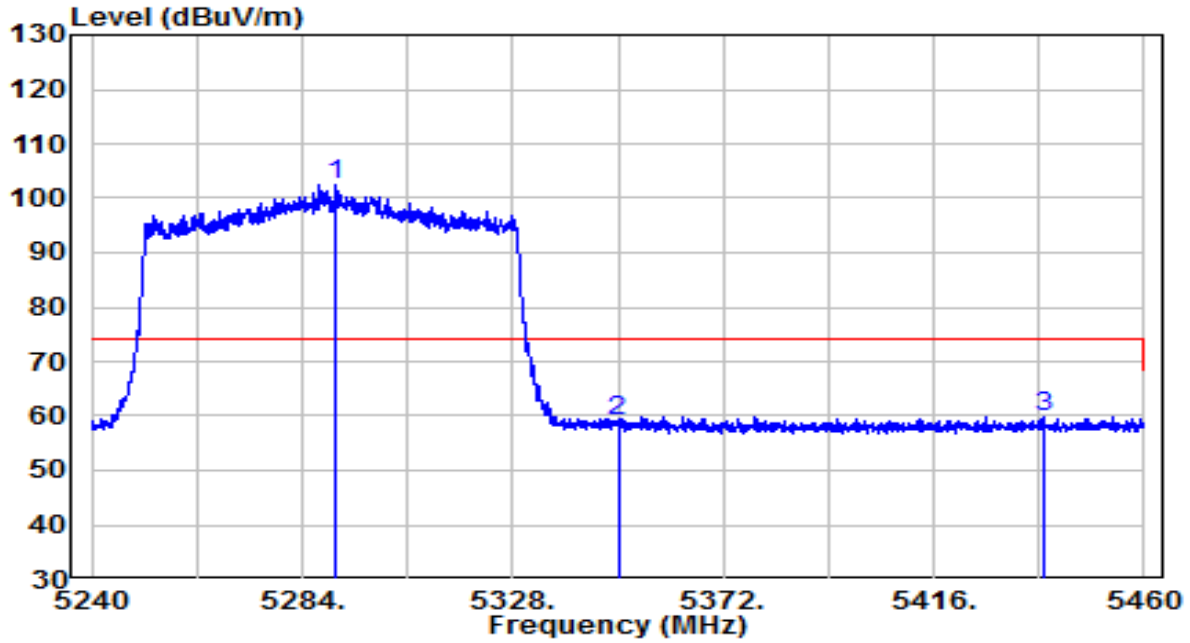
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5290.930	82.06	20.43	102.49	N/A	N/A	Peak
2		5350.000	38.46	20.52	58.98	-15.02	74.00	Peak
3		5439.100	39.30	20.67	59.97	-14.03	74.00	Peak

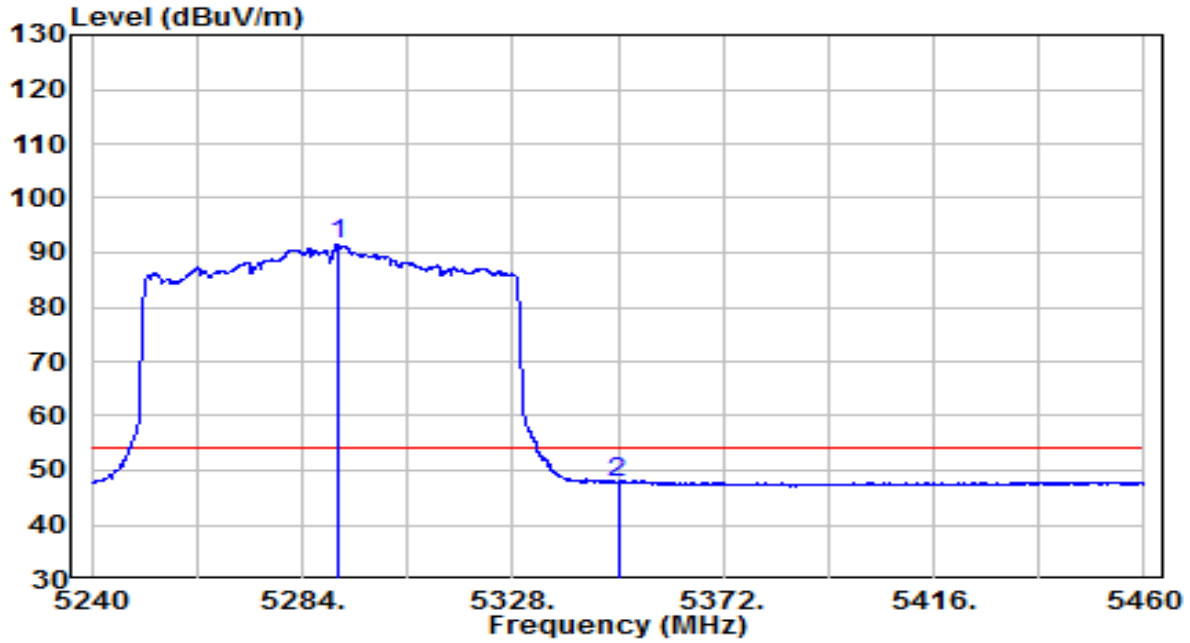
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz

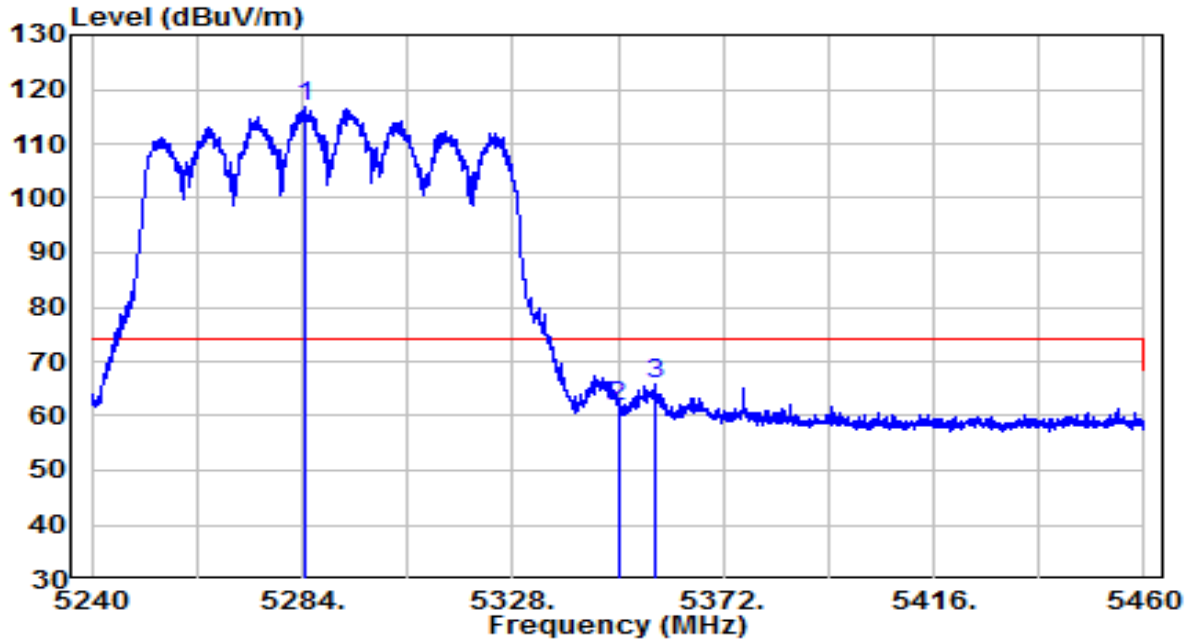


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5291.260	70.95	20.43	91.37	N/A	N/A	Average
2		5350.000	27.30	20.52	47.82	-6.18	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5284.550	96.30	20.42	116.72	N/A	N/A	Peak
2		5350.000	41.04	20.52	61.56	-12.44	74.00	Peak
3		5357.590	45.41	20.54	65.94	-8.06	74.00	Peak

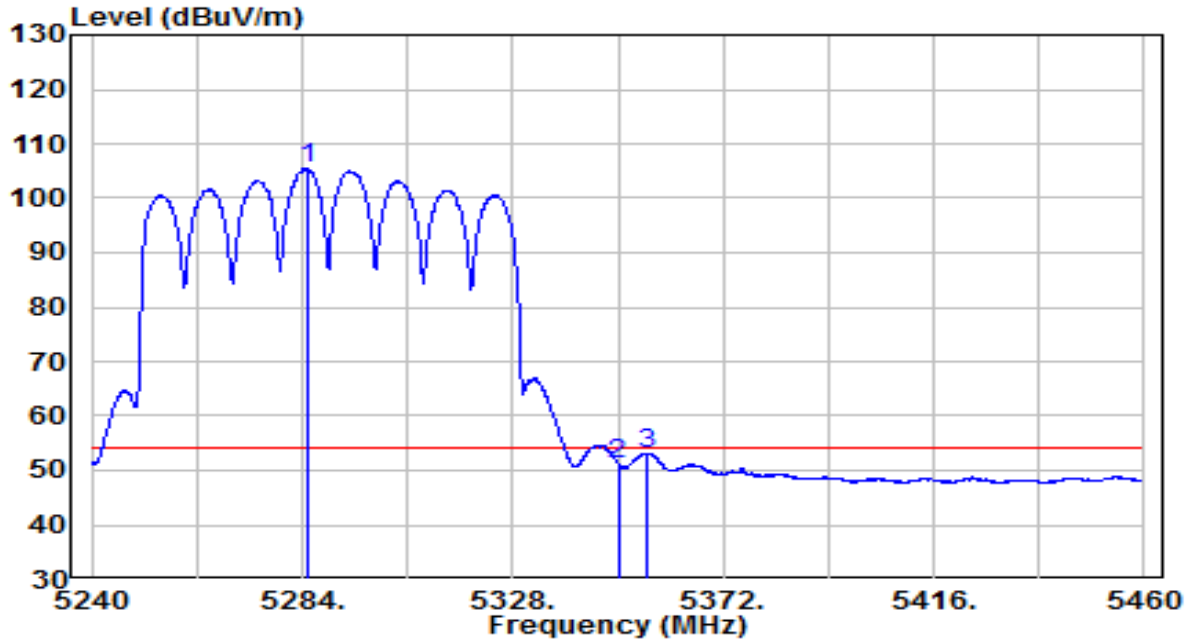
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5290MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5284.990	84.95	20.42	105.37	N/A	N/A	Average
2		5350.000	30.48	20.52	51.00	-3.00	54.00	Average
3		5356.160	32.59	20.53	53.12	-0.88	54.00	Average

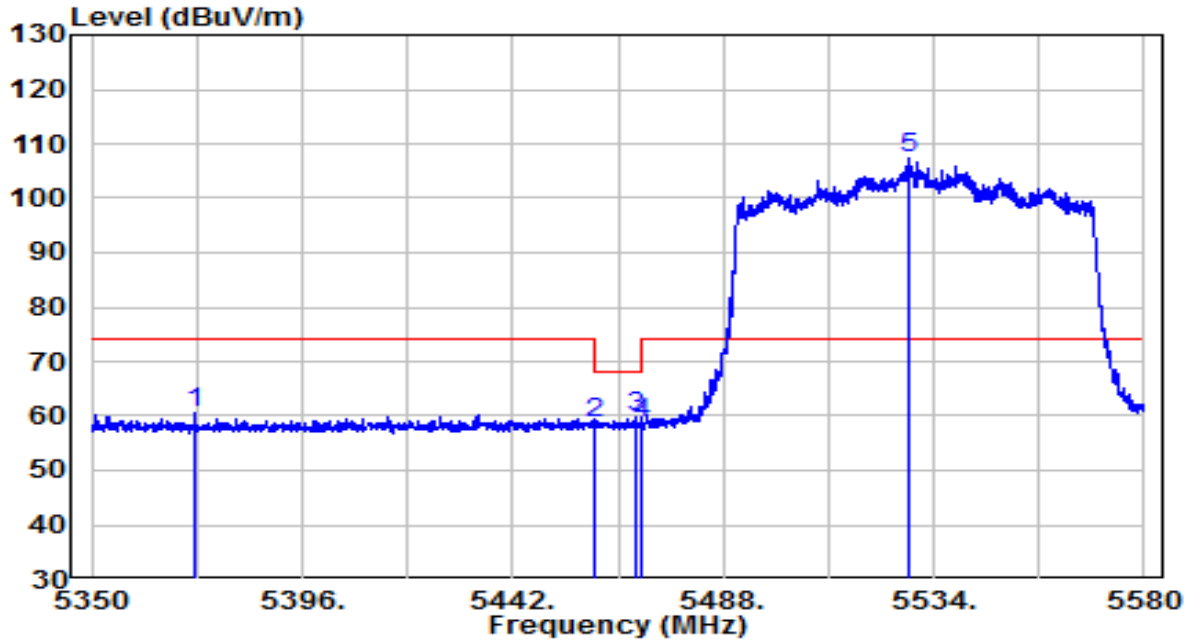
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5372.540	39.82	20.56	60.38	-13.62	74.00	Peak
2		5460.000	37.84	20.70	58.55	-9.65	68.20	Peak
3		5469.025	39.26	20.72	59.98	-8.22	68.20	Peak
4		5470.000	37.96	20.72	58.68	-9.52	68.20	Peak
5	*	5528.595	86.48	20.87	107.36	N/A	N/A	Peak

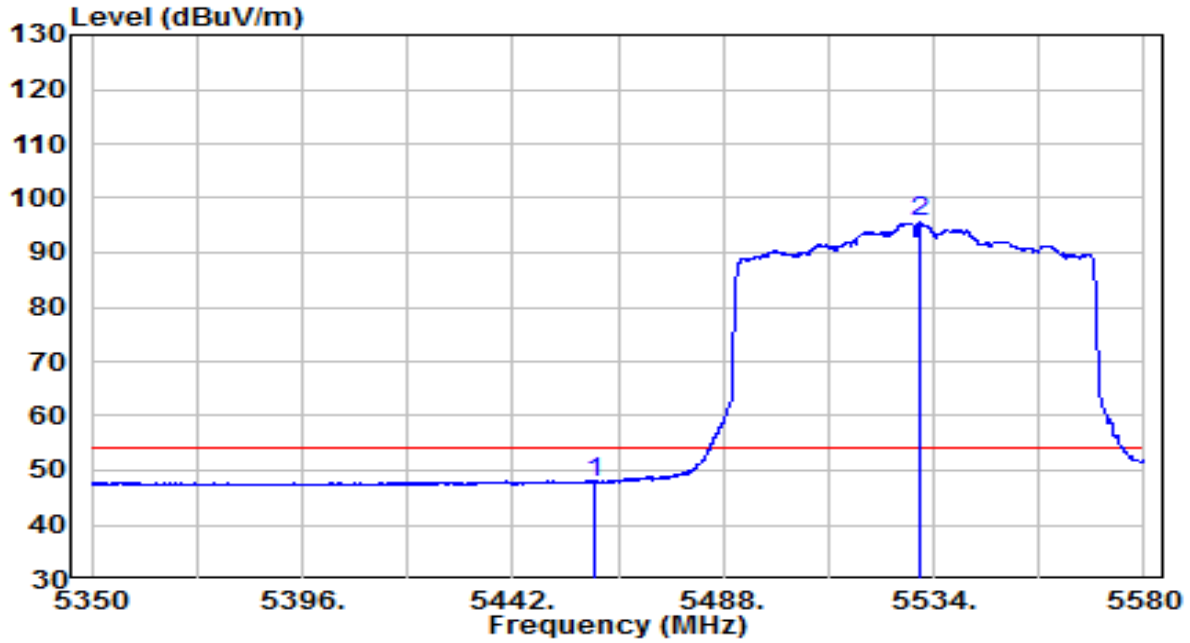
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

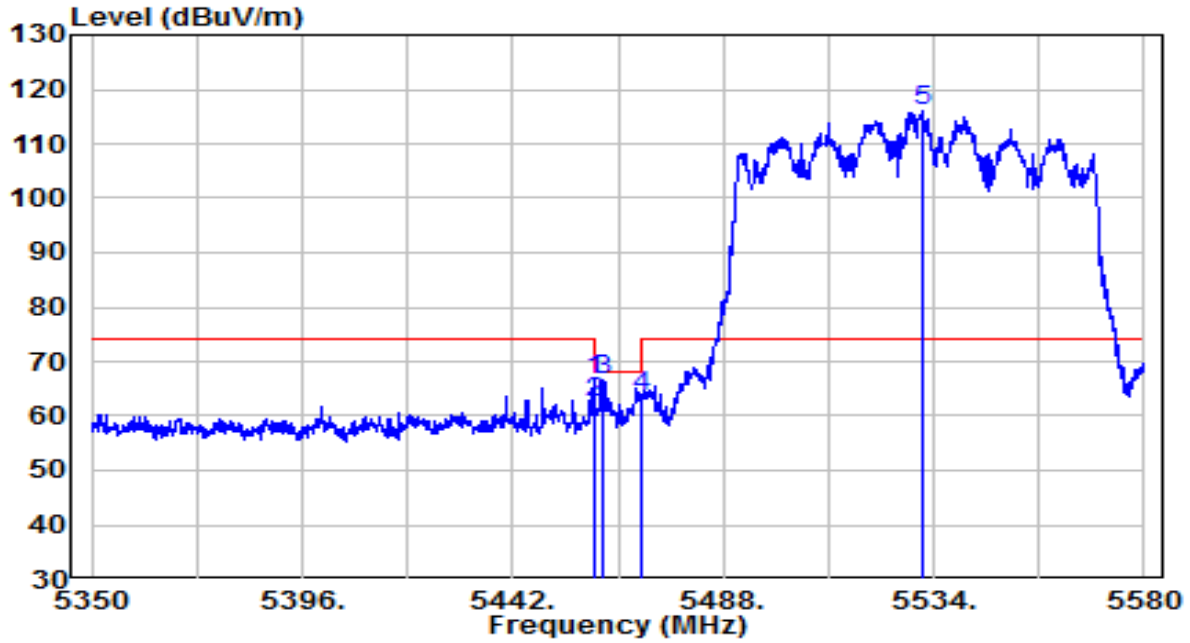


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	27.05	20.70	47.75	-6.25	54.00	Average
2	*	5530.895	74.60	20.88	95.48	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5459.710	45.86	20.70	66.56	-7.44	74.00	Peak
2		5460.000	41.62	20.70	62.32	-5.88	68.20	Peak
3		5461.895	45.89	20.71	66.60	-1.60	68.20	Peak
4		5470.000	42.72	20.72	63.44	-4.76	68.20	Peak
5	*	5531.470	95.03	20.88	115.91	N/A	N/A	Peak

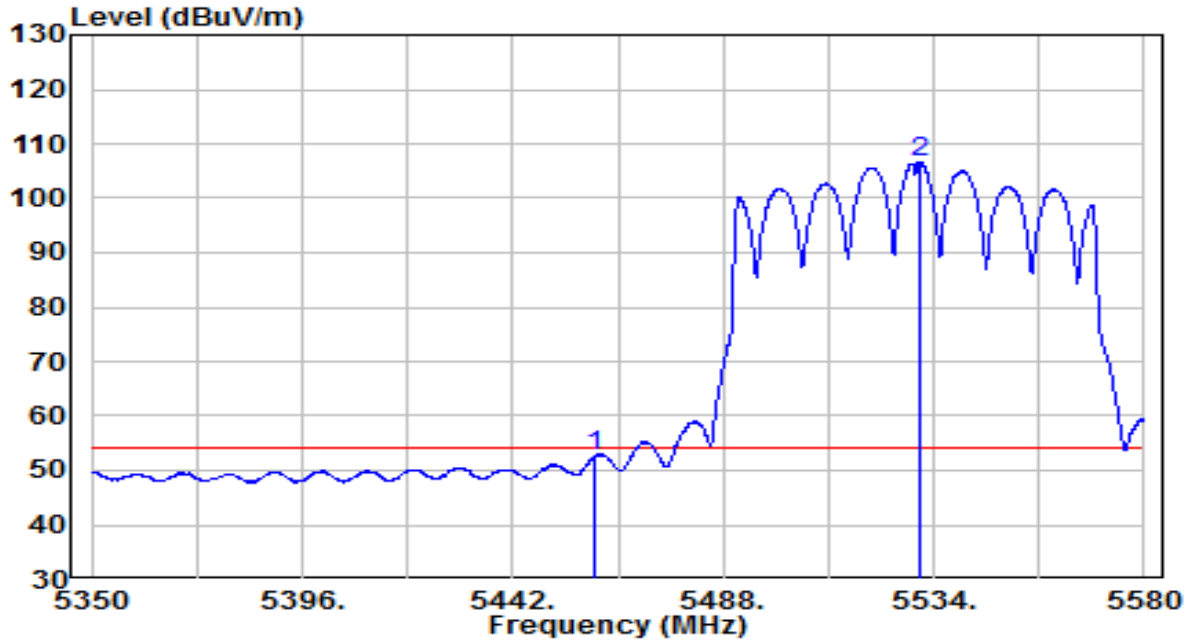
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5530MHz	Test Voltage	AC 120V/60Hz

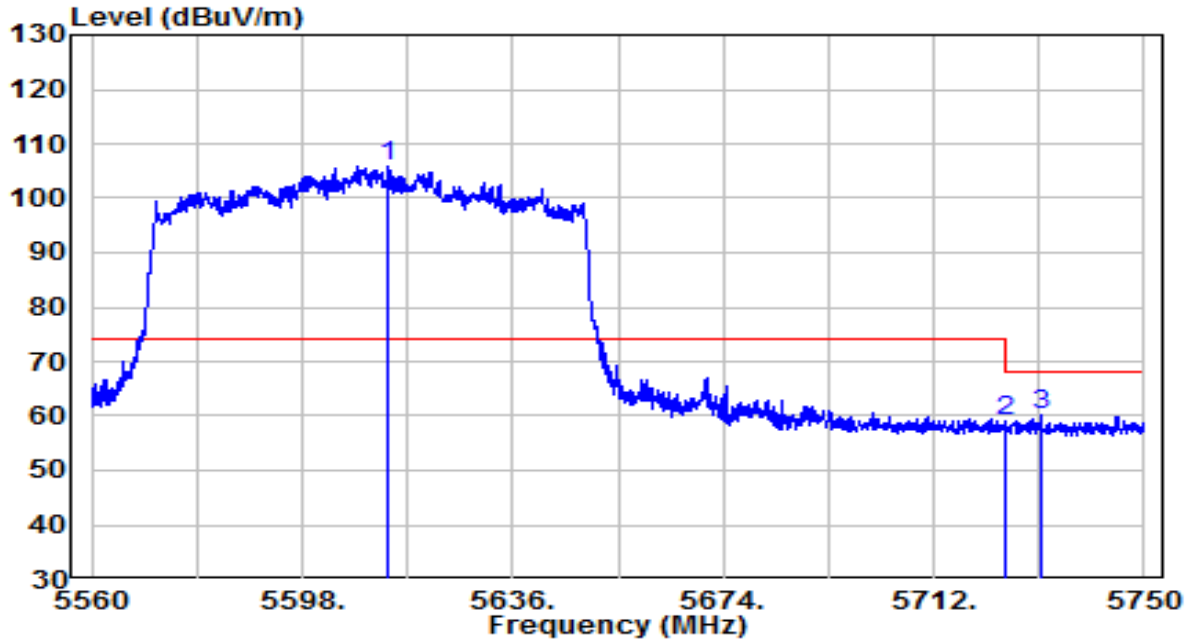


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	31.90	20.70	52.60	-1.40	54.00	Average
2	*	5530.895	85.89	20.88	106.77	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5613.675	84.85	21.18	106.03	N/A	N/A	Peak
2		5725.000	37.30	21.59	58.89	-9.31	68.20	Peak
3		5731.380	38.43	21.61	60.05	-8.15	68.20	Peak

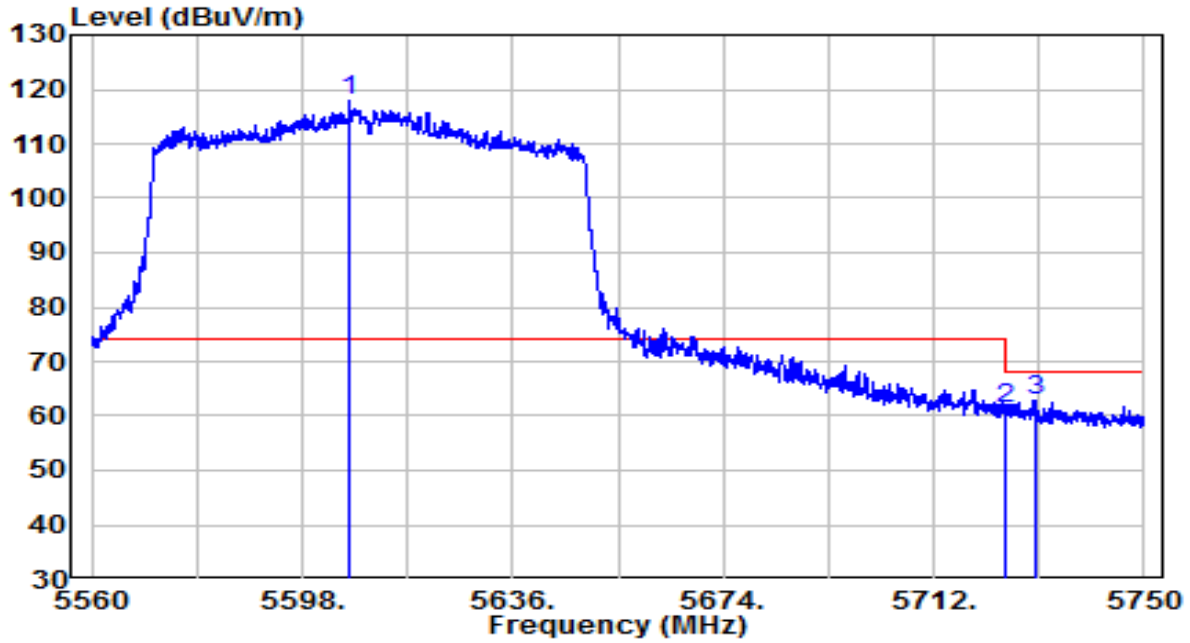
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5610MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5606.455	96.61	21.16	117.77	N/A	N/A	Peak
2		5725.000	39.88	21.59	61.47	-6.73	68.20	Peak
3		5730.240	41.34	21.61	62.95	-5.25	68.20	Peak

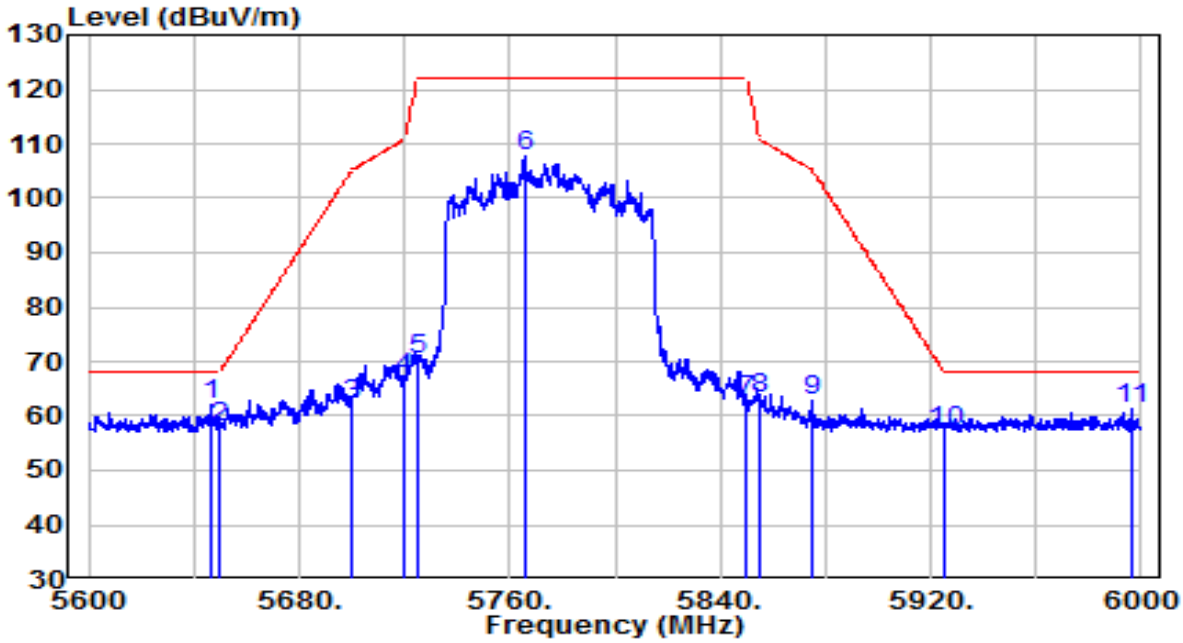
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5646.600	40.83	21.30	62.14	-6.06	68.20	Peak
2		5650.000	36.75	21.32	58.07	-10.13	68.20	Peak
3		5700.000	40.76	21.50	62.26	-42.94	105.20	Peak
4		5720.000	45.23	21.57	66.80	-44.00	110.80	Peak
5		5725.000	48.87	21.59	70.46	-51.74	122.20	Peak
6		5766.000	85.98	21.74	107.72	N/A	N/A	Peak
7		5850.000	40.97	22.04	63.02	-59.18	122.20	Peak
8		5855.000	41.13	22.06	63.19	-47.61	110.80	Peak
9		5875.000	40.82	22.14	62.96	-42.24	105.20	Peak
10		5925.000	34.96	22.32	57.28	-10.92	68.20	Peak
11		5996.400	38.64	22.58	61.22	-6.98	68.20	Peak

Note:

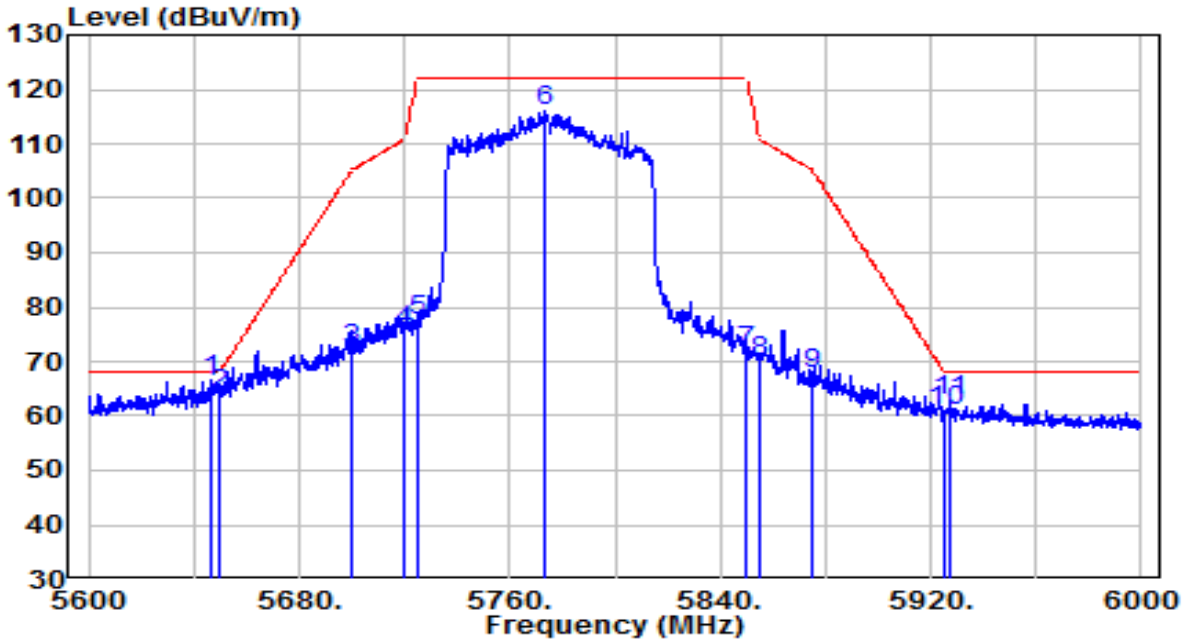
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)–

Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE80 at Channel 5775MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5646.600	45.22	21.30	66.52	-1.68	68.20	Peak
2		5650.000	42.56	21.32	63.87	-4.33	68.20	Peak
3		5700.000	50.66	21.50	72.16	-33.04	105.20	Peak
4		5720.000	54.05	21.57	75.63	-35.17	110.80	Peak
5		5725.000	55.80	21.59	77.38	-44.82	122.20	Peak
6		5773.200	94.22	21.76	115.98	N/A	N/A	Peak
7		5850.000	49.74	22.04	71.79	-50.41	122.20	Peak
8		5855.000	47.81	22.06	69.87	-40.93	110.80	Peak
9		5875.000	45.51	22.14	67.64	-37.56	105.20	Peak
10		5925.000	38.45	22.32	60.77	-7.43	68.20	Peak
11		5927.200	40.62	22.33	62.94	-5.26	68.20	Peak

Note:

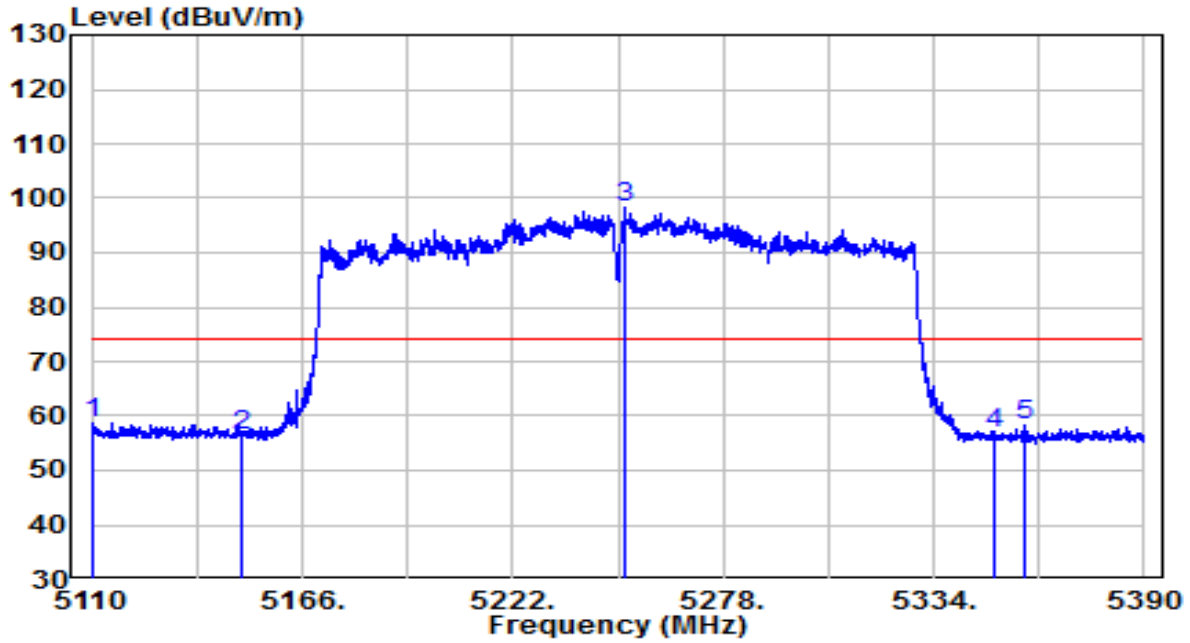
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)–

Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5110.000	38.42	20.13	58.55	-15.45	74.00	Peak
2		5150.000	36.18	20.20	56.38	-17.62	74.00	Peak
3	*	5251.680	77.83	20.36	98.19	N/A	N/A	Peak
4		5350.000	36.22	20.52	56.75	-17.25	74.00	Peak
5		5358.500	37.64	20.54	58.18	-15.82	74.00	Peak

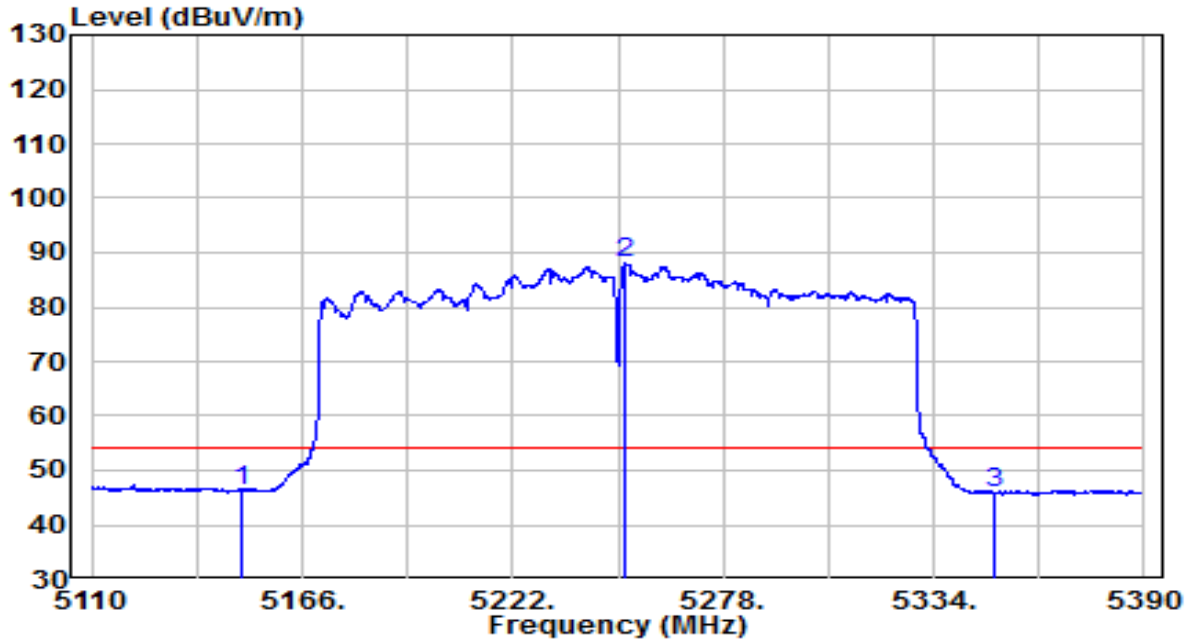
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	26.20	20.20	46.40	-7.60	54.00	Average
2	*	5252.100	67.61	20.36	87.97	N/A	N/A	Average
3		5350.000	25.16	20.52	45.68	-8.32	54.00	Average

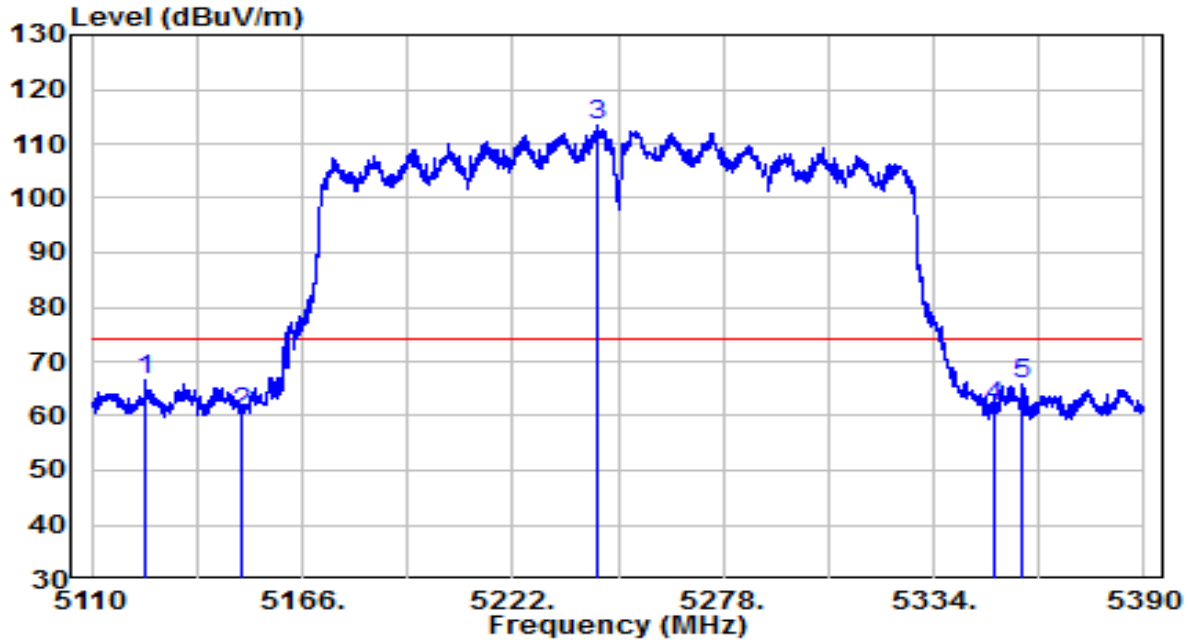
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5124.000	46.27	20.15	66.42	-7.58	74.00	Peak
2		5150.000	40.50	20.20	60.70	-13.30	74.00	Peak
3	*	5244.540	93.04	20.35	113.39	N/A	N/A	Peak
4		5350.000	41.34	20.52	61.87	-12.13	74.00	Peak
5		5357.240	45.25	20.54	65.79	-8.21	74.00	Peak

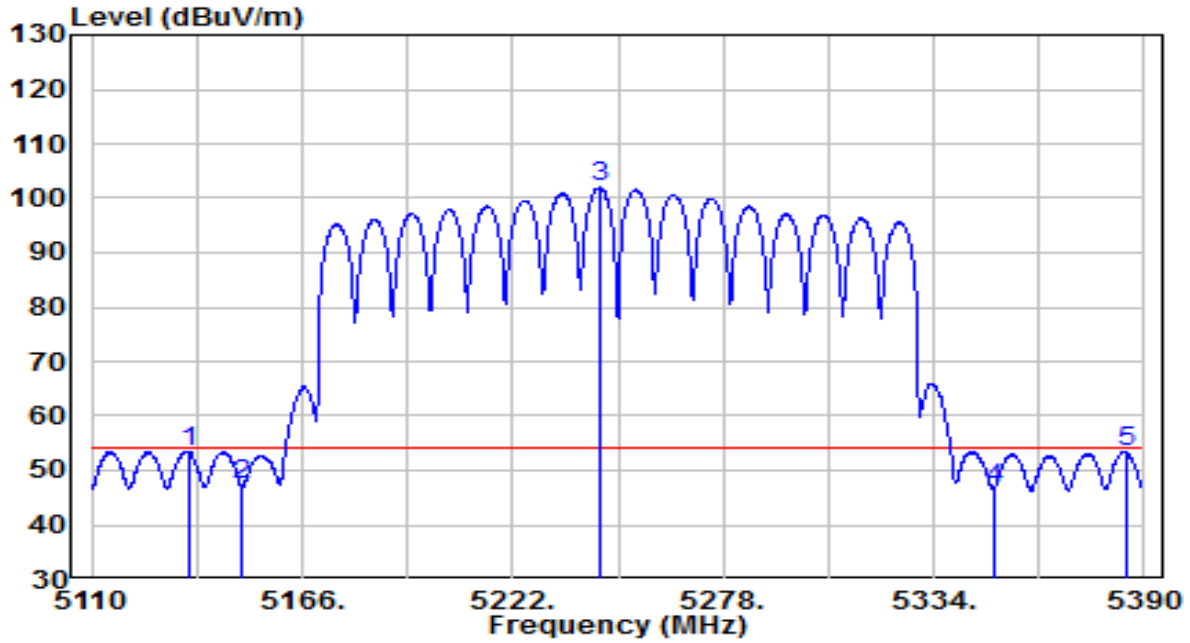
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5250MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5135.900	33.41	20.17	53.58	-0.42	54.00	Average
2		5150.000	26.98	20.20	47.18	-6.82	54.00	Average
3	*	5245.240	81.59	20.35	101.95	N/A	N/A	Average
4		5350.000	26.10	20.52	46.63	-7.37	54.00	Average
5		5385.100	32.82	20.58	53.40	-0.60	54.00	Average

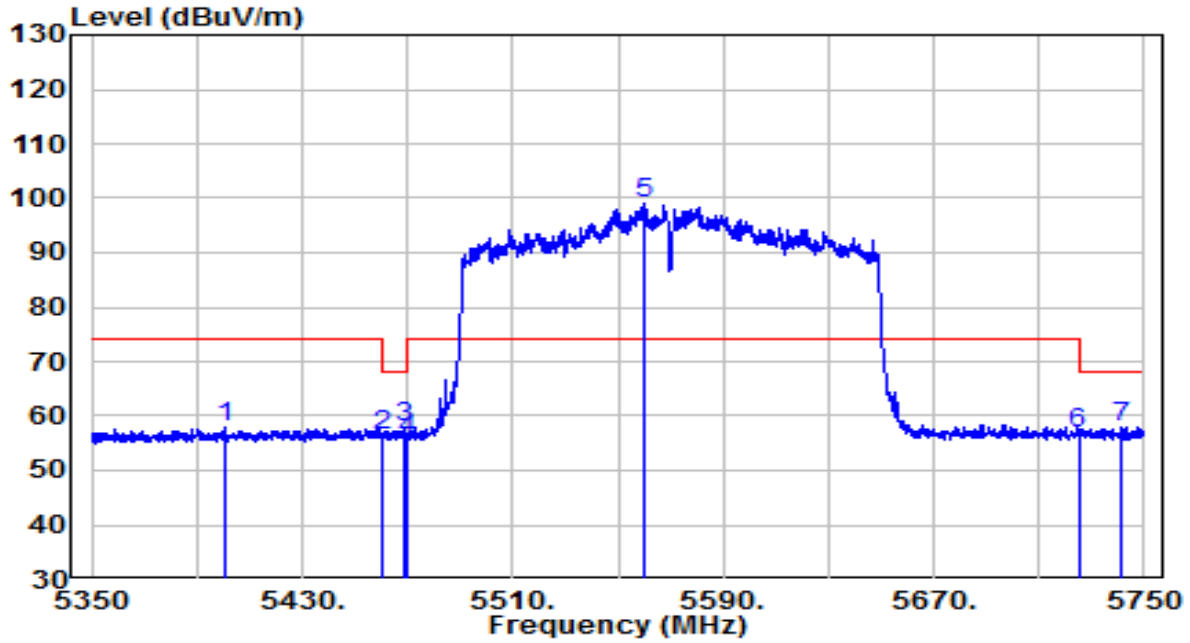
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5400.600	37.25	20.61	57.85	-16.15	74.00	Peak
2		5460.000	35.65	20.70	56.36	-11.84	68.20	Peak
3		5469.200	37.11	20.72	57.83	-10.37	68.20	Peak
4		5470.000	35.12	20.72	55.84	-12.36	68.20	Peak
5	*	5559.600	78.16	20.99	99.14	N/A	N/A	Peak
6		5725.000	35.11	21.59	56.70	-11.50	68.20	Peak
7		5741.200	36.29	21.65	57.94	-10.26	68.20	Peak

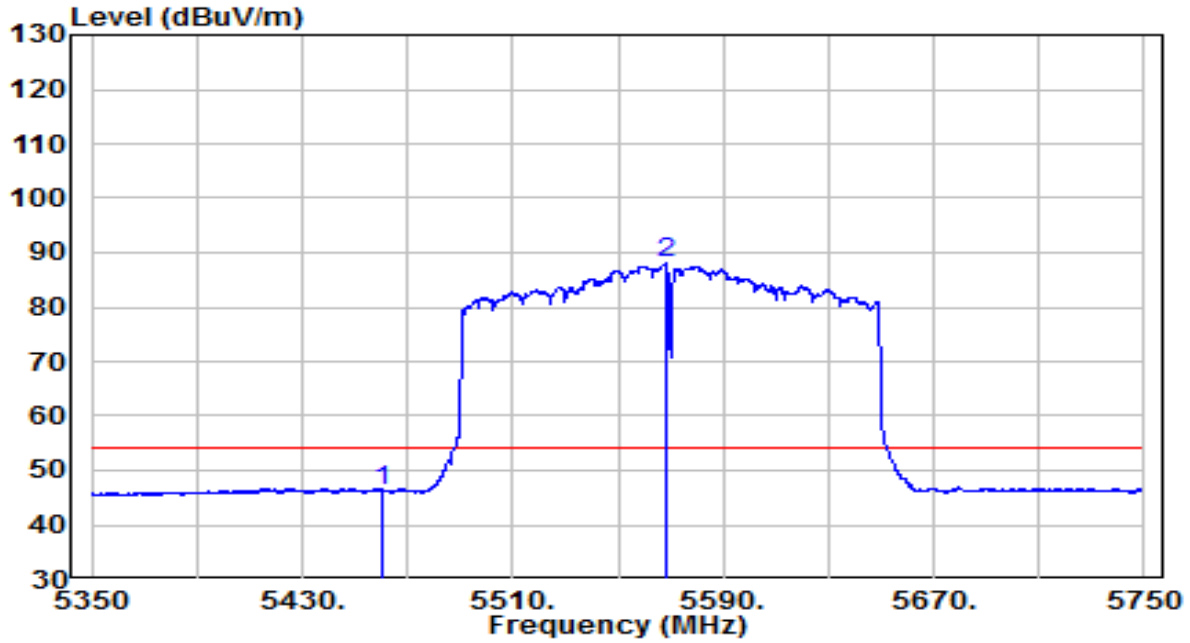
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz

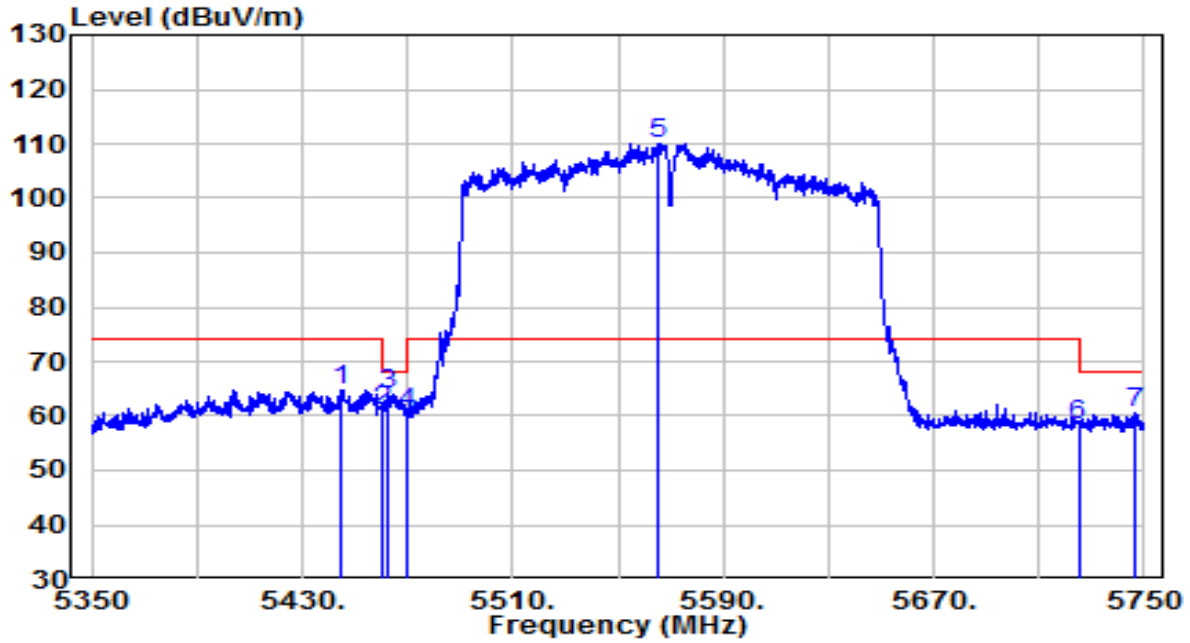


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	25.61	20.70	46.32	-7.68	54.00	Average
2	*	5568.000	66.99	21.02	88.00	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5444.800	44.09	20.68	64.77	-9.23	74.00	Peak
2		5460.000	40.39	20.70	61.10	-7.10	68.20	Peak
3		5462.400	43.34	20.71	64.05	-4.15	68.20	Peak
4		5470.000	39.94	20.72	60.66	-7.54	68.20	Peak
5	*	5565.000	89.06	21.01	110.06	N/A	N/A	Peak
6		5725.000	36.64	21.59	58.23	-9.97	68.20	Peak
7		5746.600	38.85	21.67	60.52	-7.68	68.20	Peak

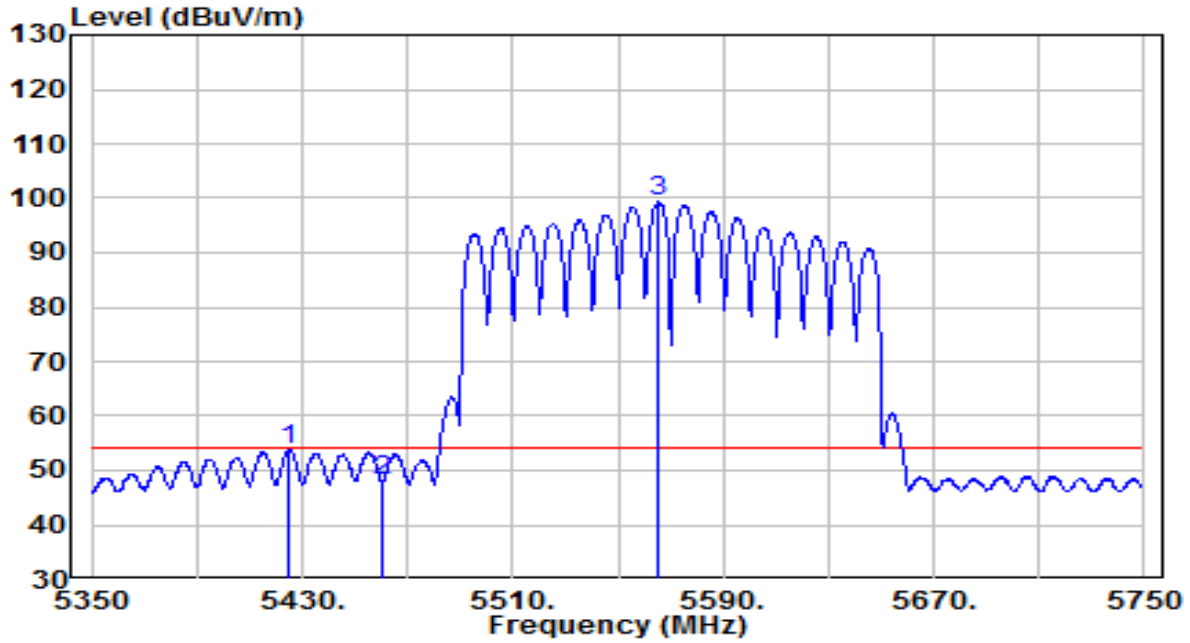
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-10-26
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	26.8°C/50.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE160 at Channel 5570MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5425.200	33.05	20.65	53.70	-0.30	54.00	Average
2		5460.000	27.32	20.70	48.03	-5.97	54.00	Average
3	*	5565.400	78.25	21.01	99.26	N/A	N/A	Average

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(dB).

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

7.9. AC Conducted Emissions Measurement

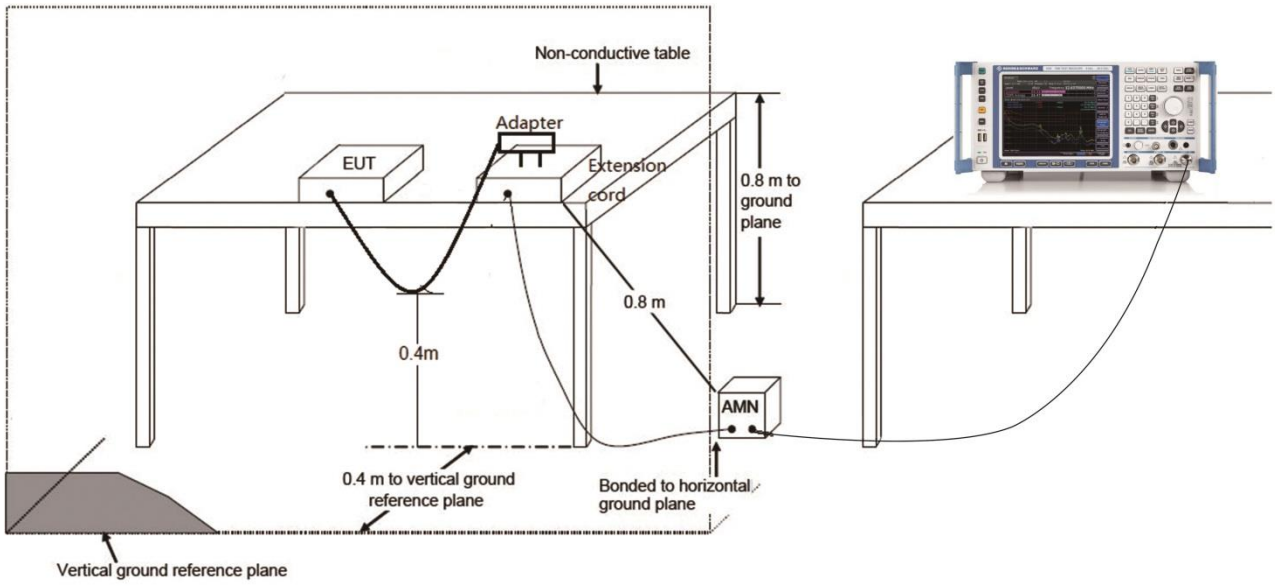
7.9.1. Test Limit

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

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

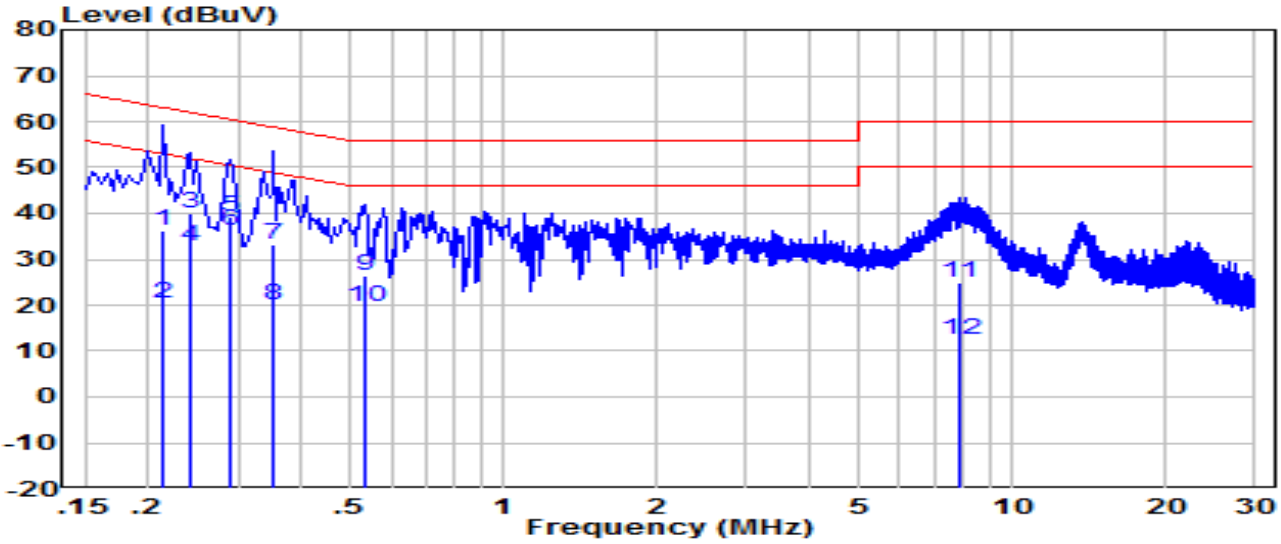
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.9.2. Test Setup



7.9.3.Test Result

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-10
Factor	CE_ENV216-L1	Temp. / Humidity	22.9°C /36.5%
Polarity	Line1	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11a at channel 5745MHz	Test Voltage	AC 120V/60Hz

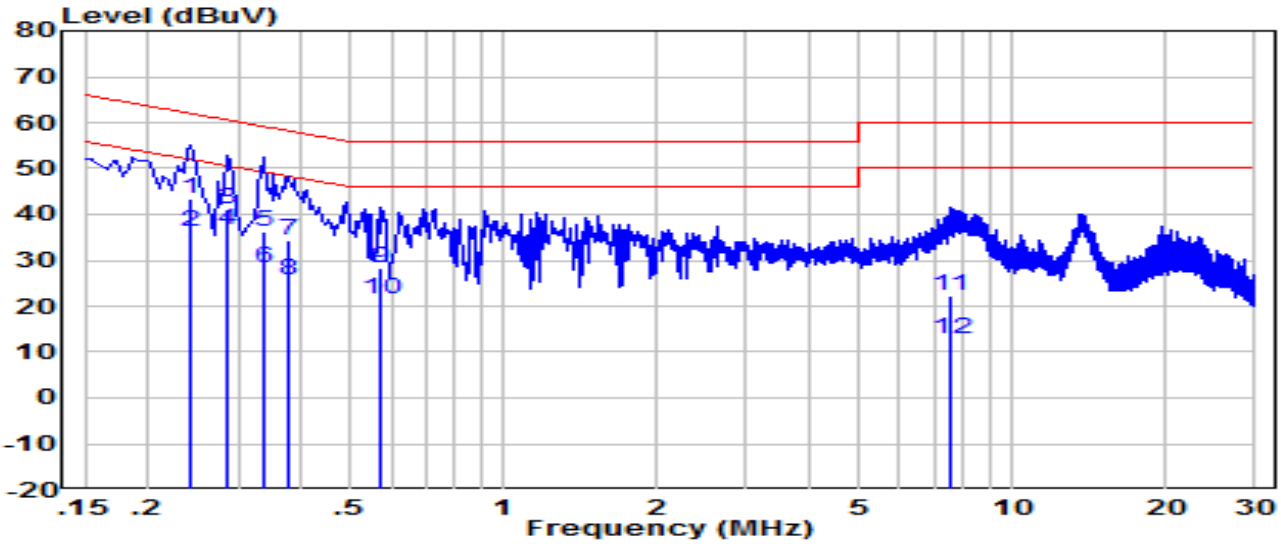


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.214	26.49	9.61	36.10	-26.95	63.05	QP
2		0.214	10.69	9.61	20.30	-32.75	53.05	Average
3		0.242	30.48	9.62	40.10	-21.93	62.03	QP
4		0.242	23.18	9.62	32.80	-19.23	52.03	Average
5		0.290	29.48	9.62	39.10	-21.42	60.52	QP
6	*	0.290	26.58	9.62	36.20	-14.32	50.52	Average
7		0.354	23.68	9.62	33.30	-25.57	58.87	QP
8		0.354	10.28	9.62	19.90	-28.97	48.87	Average
9		0.534	16.87	9.63	26.50	-29.50	56.00	QP
10		0.534	9.87	9.63	19.50	-26.50	46.00	Average
11		7.880	15.19	9.81	25.00	-35.00	60.00	QP
12		7.880	2.79	9.81	12.60	-37.40	50.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 Range Extender	Date of Test	2021-11-10
Factor	CE_ENV216-N	Temp. / Humidity	22.9°C /36.5%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11a at channel 5745MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.242	33.88	9.62	43.50	-18.53	62.03	QP
2		0.242	26.58	9.62	36.20	-15.83	52.03	Average
3		0.286	31.38	9.62	41.00	-19.64	60.64	QP
4	*	0.286	26.88	9.62	36.50	-14.14	50.64	Average
5		0.338	26.48	9.62	36.10	-23.15	59.25	QP
6		0.338	18.68	9.62	28.30	-20.95	49.25	Average
7		0.378	24.68	9.62	34.30	-24.02	58.32	QP
8		0.378	16.08	9.62	25.70	-22.62	48.32	Average
9		0.574	18.66	9.64	28.30	-27.70	56.00	QP
10		0.574	11.96	9.64	21.60	-24.40	46.00	Average
11		7.520	12.58	9.82	22.40	-37.60	60.00	QP
12		7.520	2.88	9.82	12.70	-37.30	50.00	Average

Note:

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

8. CONCLUSION

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

The End

Appendix A - Test Setup Photograph

Refer to “2109TW0009-Test setup photo” file.

Appendix B - External Photograph

Refer to “ 2109TW0009-External photo” file.

Appendix C - Internal Photograph

Refer to “ 2109TW0009-Internal photo” file.