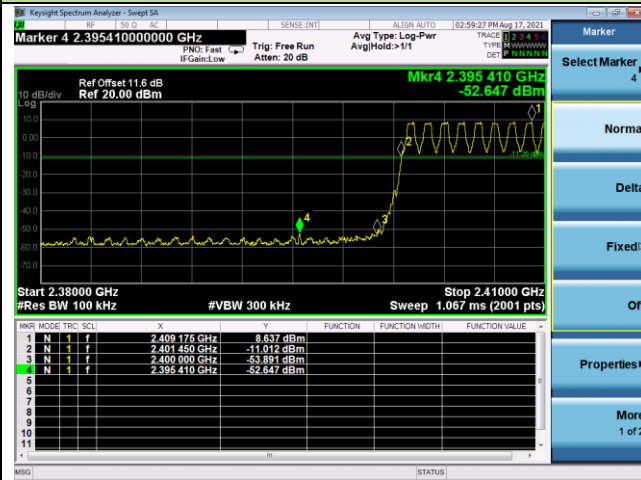
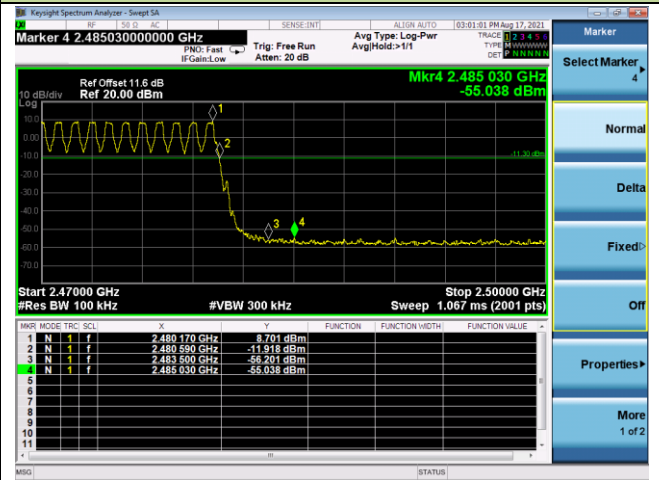


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

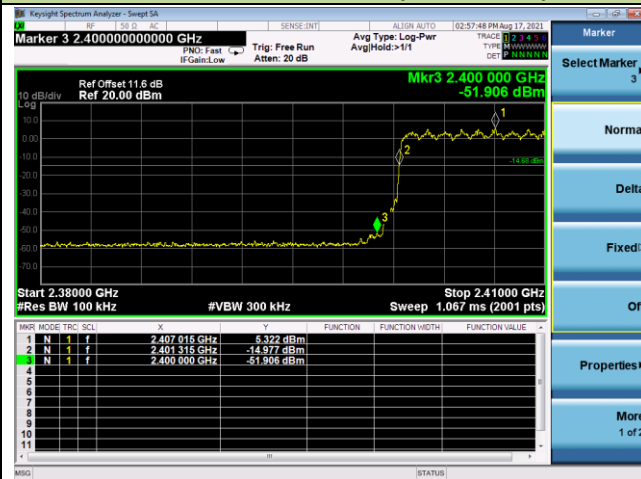
DH5 - Channel 00 (2402MHz)



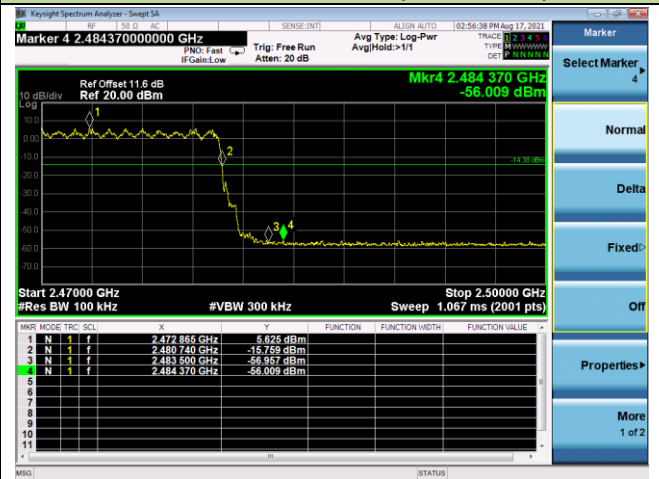
DH5 - Channel 78 (2480MHz)



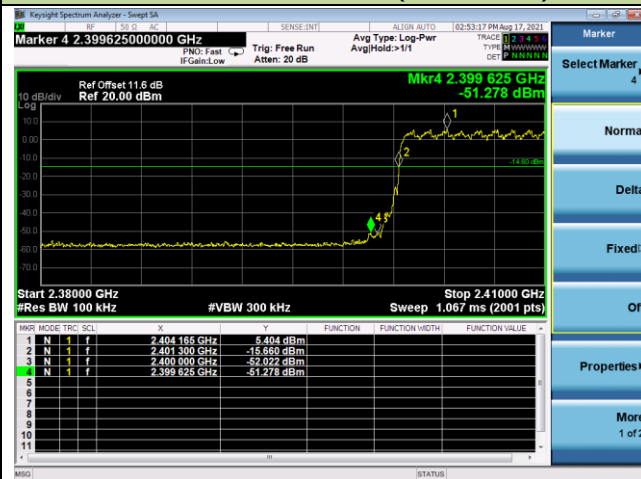
2DH5 - Channel 00 (2402MHz)



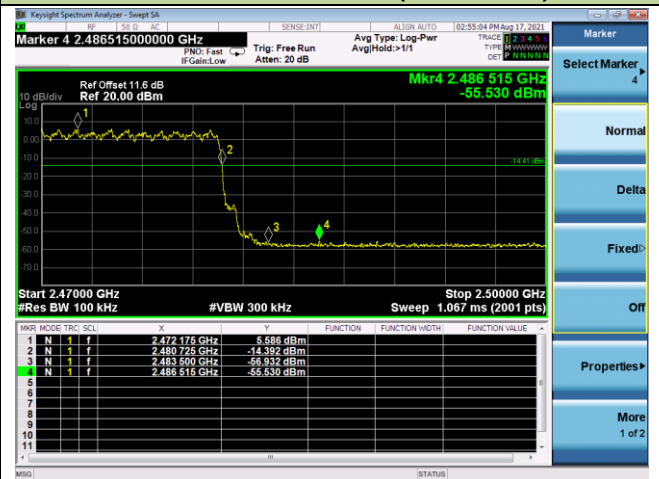
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



7.8. Conducted Spurious Emissions Measurement

7.8.1. Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

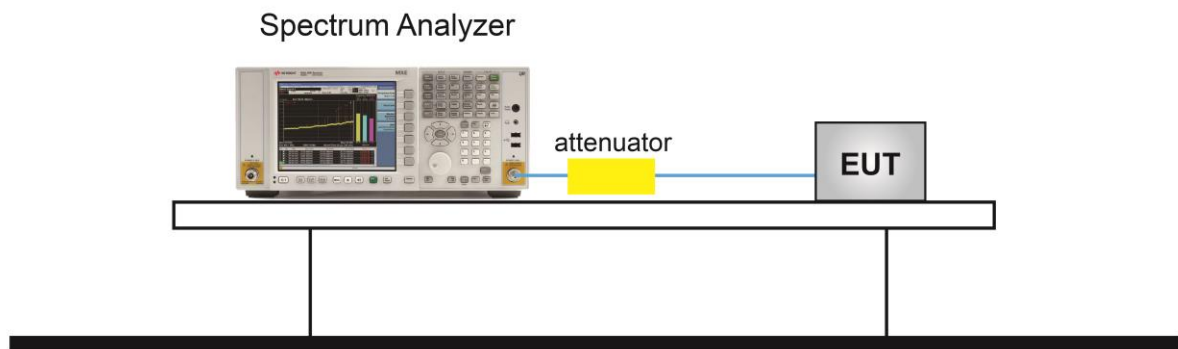
7.8.2. Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

7.8.3. Test Setting

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic.
Typically, several plots are required to cover this entire span.
2. RBW = 100 KHz
3. VBW $\geq$ RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

7.8.4.Test Setup



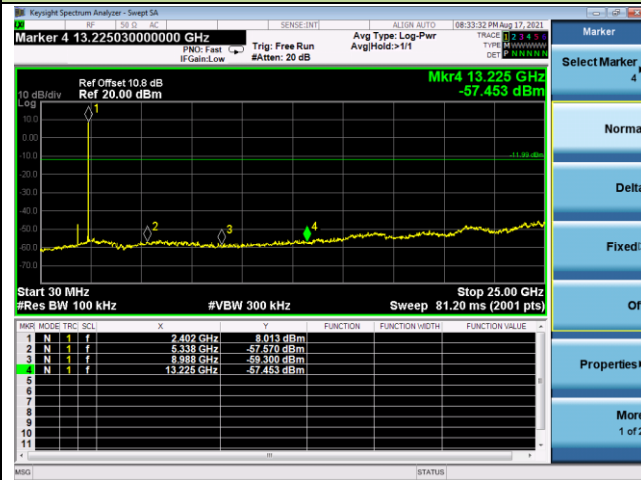
7.8.5. Test Result

Product	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	SR1	Test Date	2021/08/17

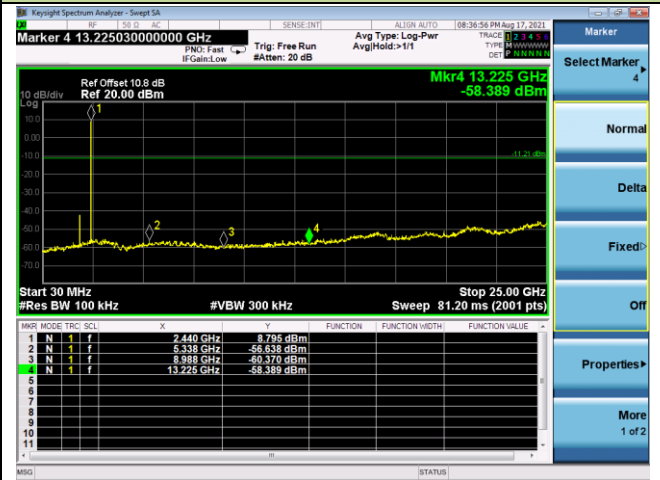
Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

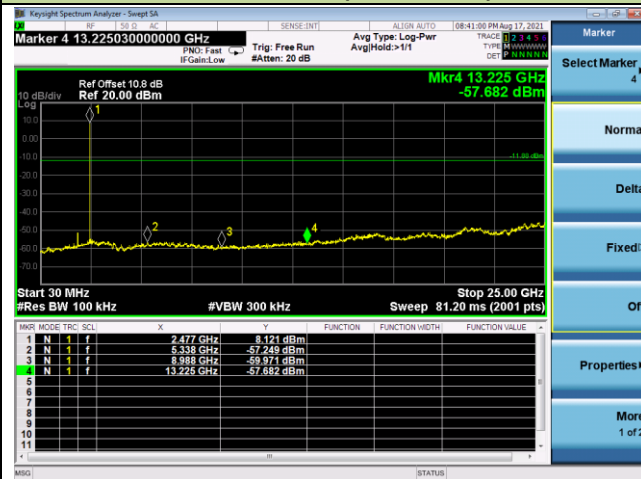
Channel 00 (2402MHz)



Channel 39 (2441MHz)

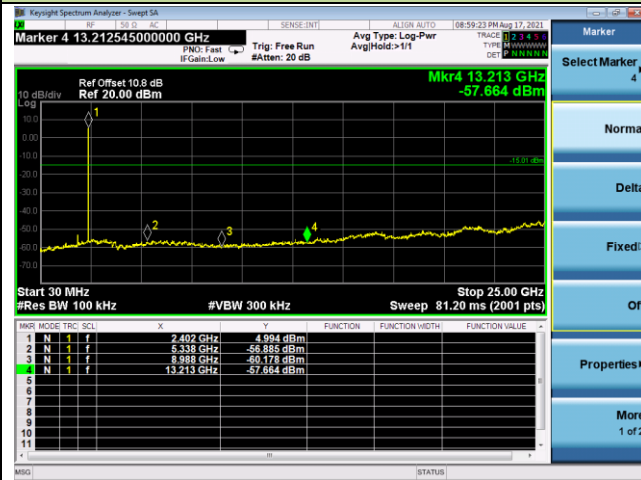


Channel 78 (2480MHz)

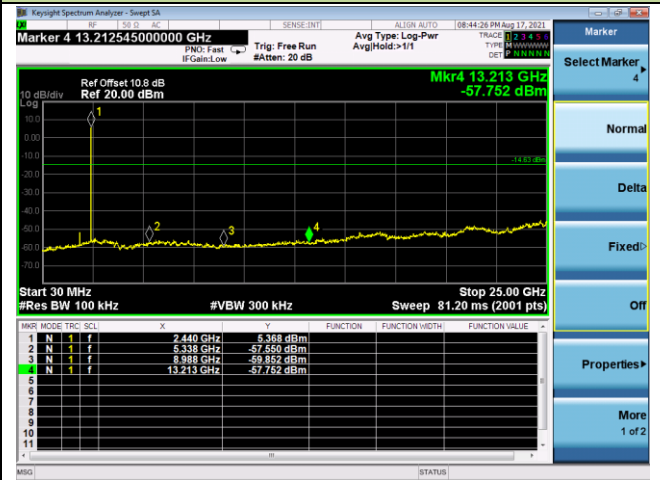


2DH5 Conducted Spurious Emissions

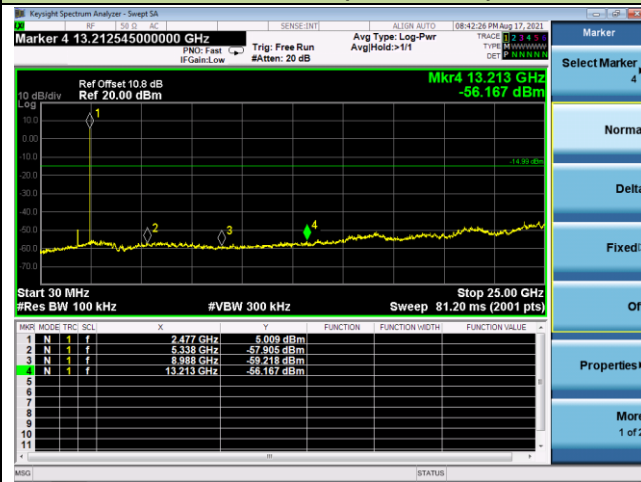
Channel 00 (2402MHz)



Channel 39 (2441MHz)

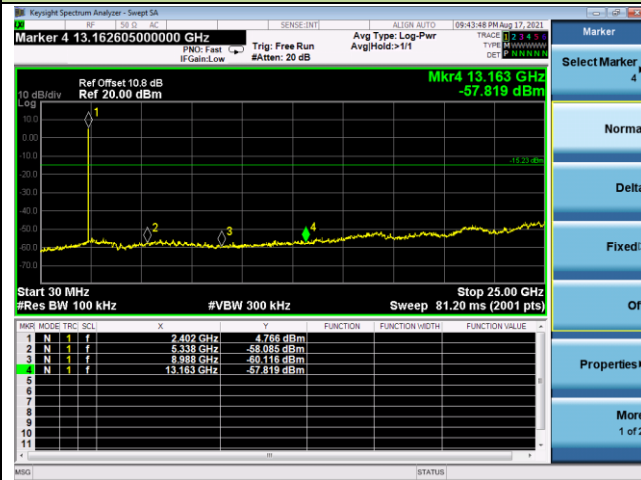


Channel 78 (2480MHz)

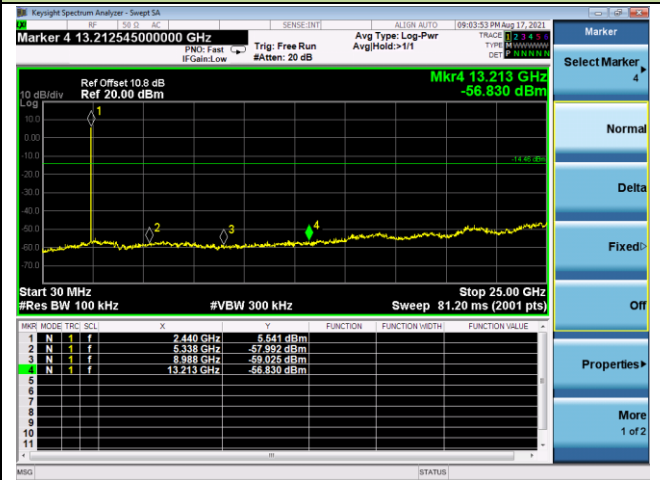


3DH5 Conducted Spurious Emissions

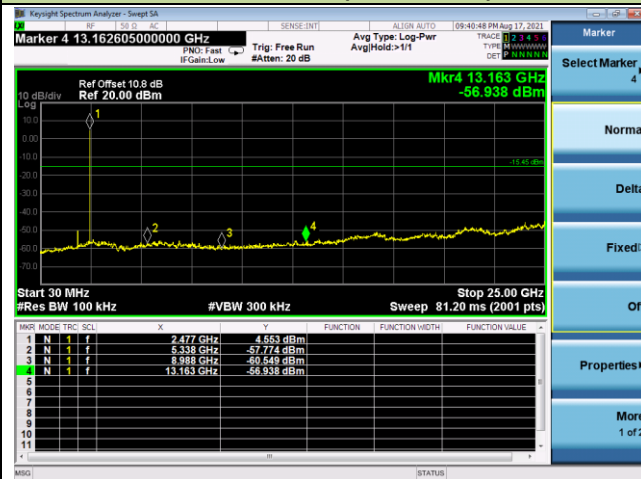
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



7.9. Radiated Spurious Emission Measurement

7.9.1. Test Limit

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

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

7.9.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.9.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

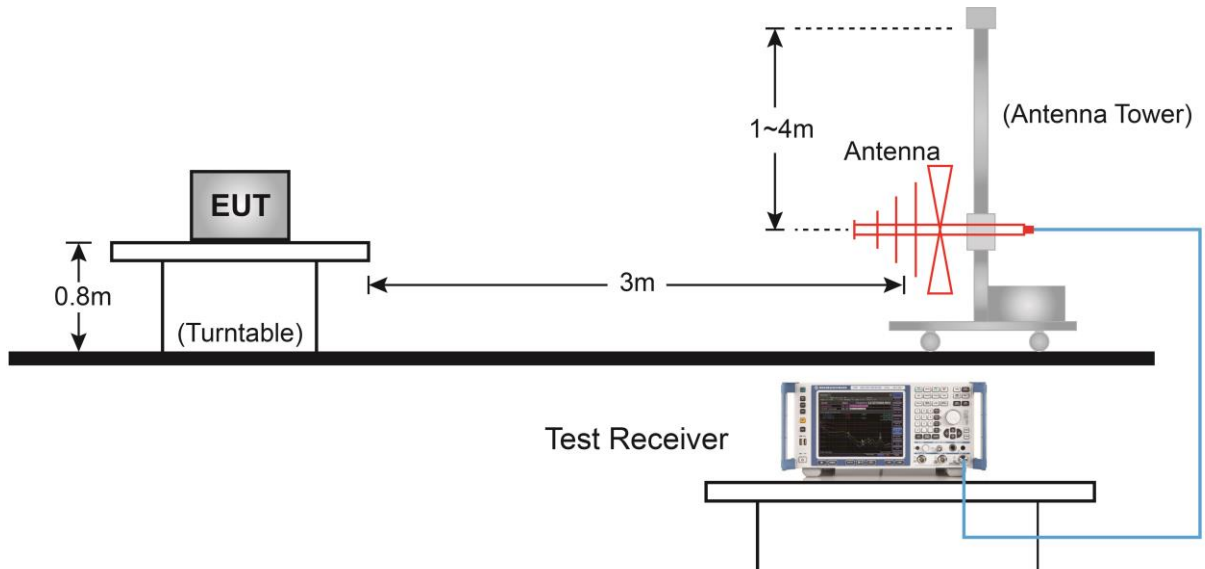
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.

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

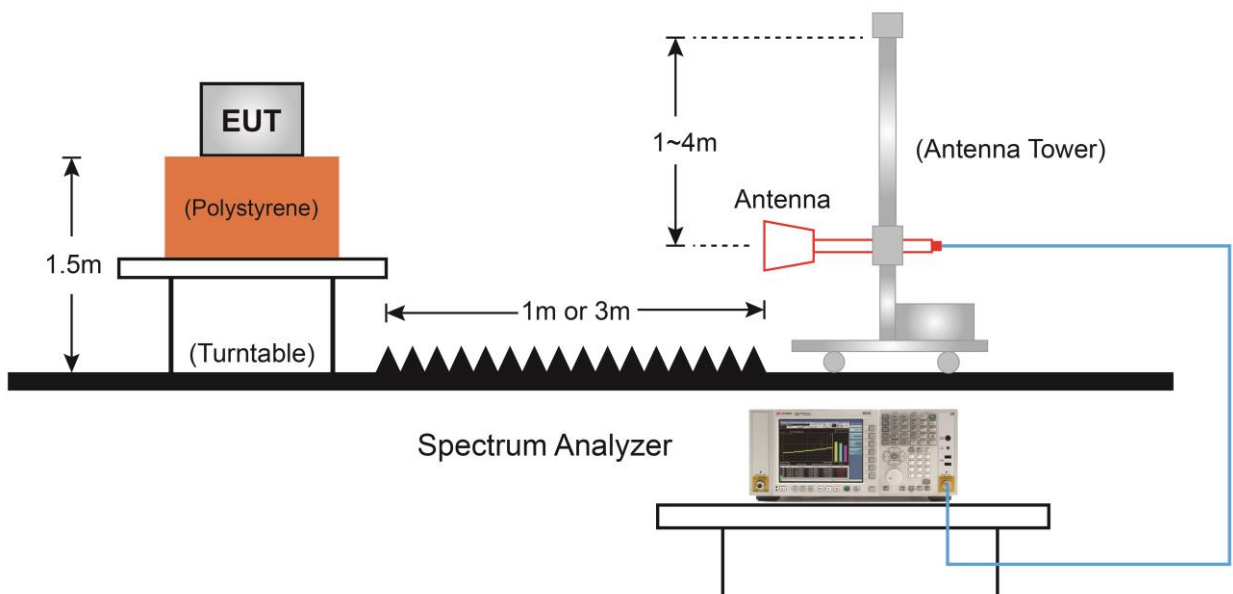
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.9.4. Test Setup

Below 1GHz Test Setup:

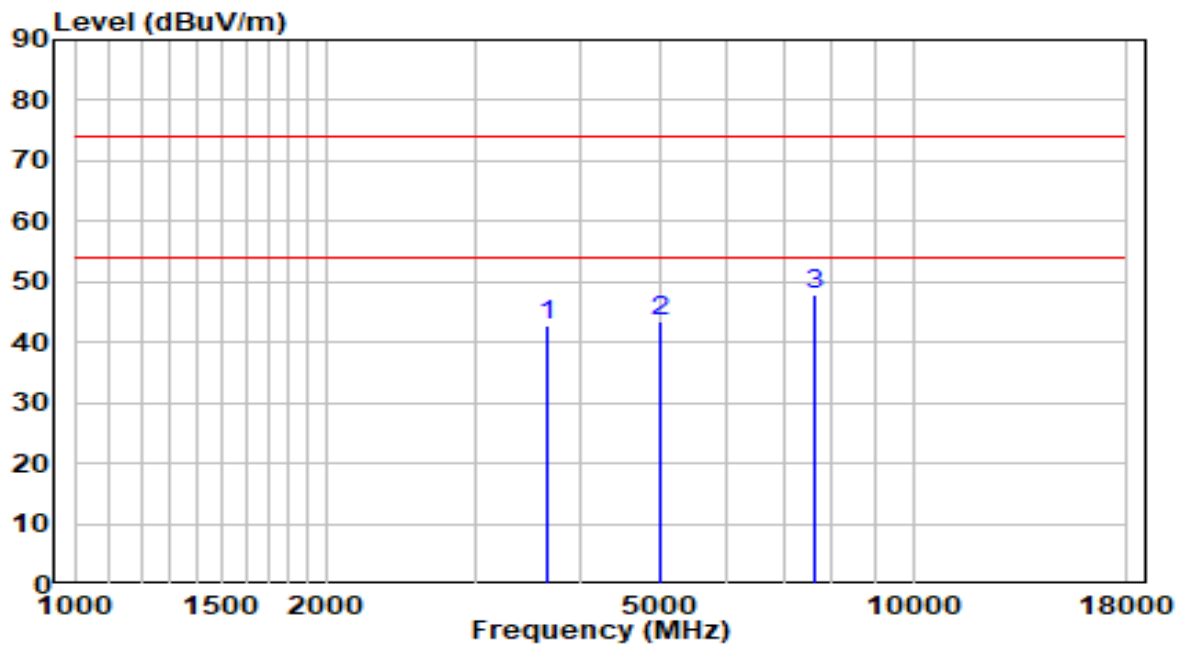


Above 1GHz Test Setup:



7.9.5. Test Result

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

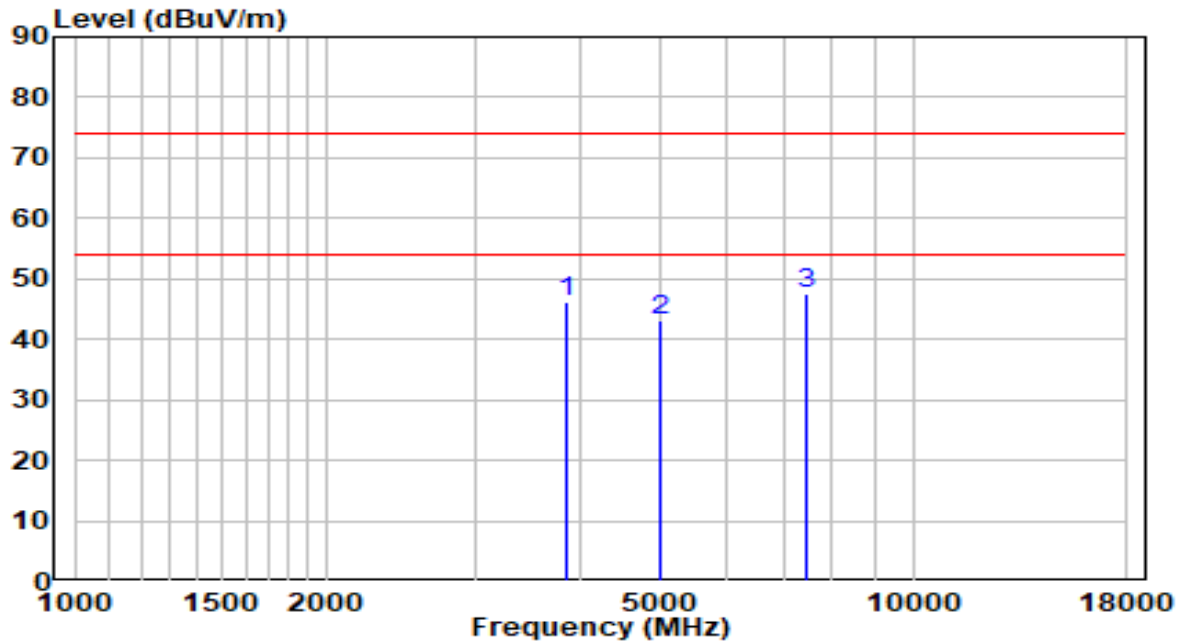


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3652.000	42.62	0.12	42.75	-31.25	74.00	Peak
2	5003.500	39.35	3.96	43.31	-30.69	74.00	Peak
3	* 7613.000	34.80	13.11	47.91	-26.09	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

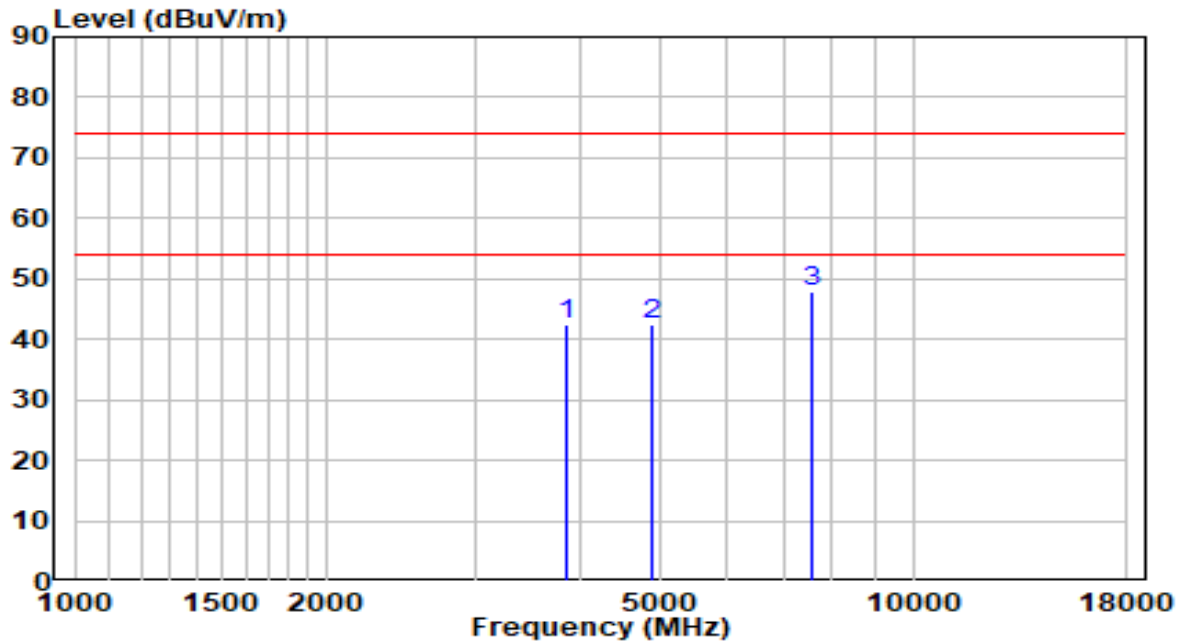


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3847.500	45.50	0.72	46.22	-27.78	74.00	Peak
2	5003.500	39.03	3.96	42.98	-31.02	74.00	Peak
3	* 7477.000	34.80	12.91	47.71	-26.29	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

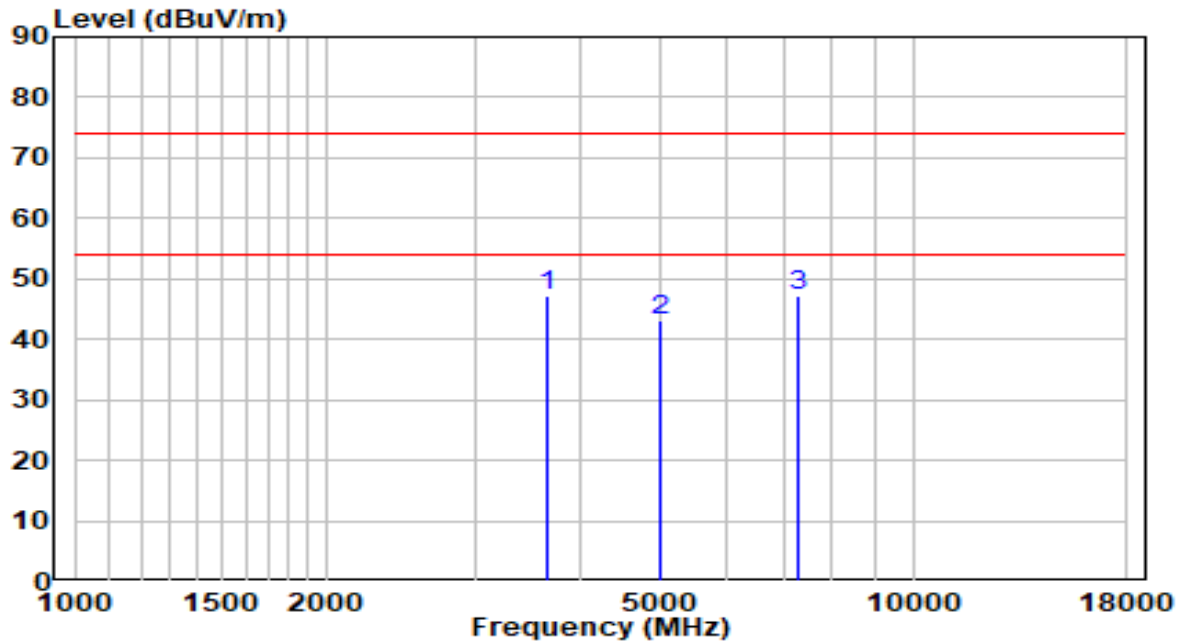


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3847.500	41.60	0.72	42.32	-31.68	74.00	Peak
2	4876.000	38.77	3.73	42.50	-31.50	74.00	Peak
3	* 7562.000	34.84	13.07	47.91	-26.09	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

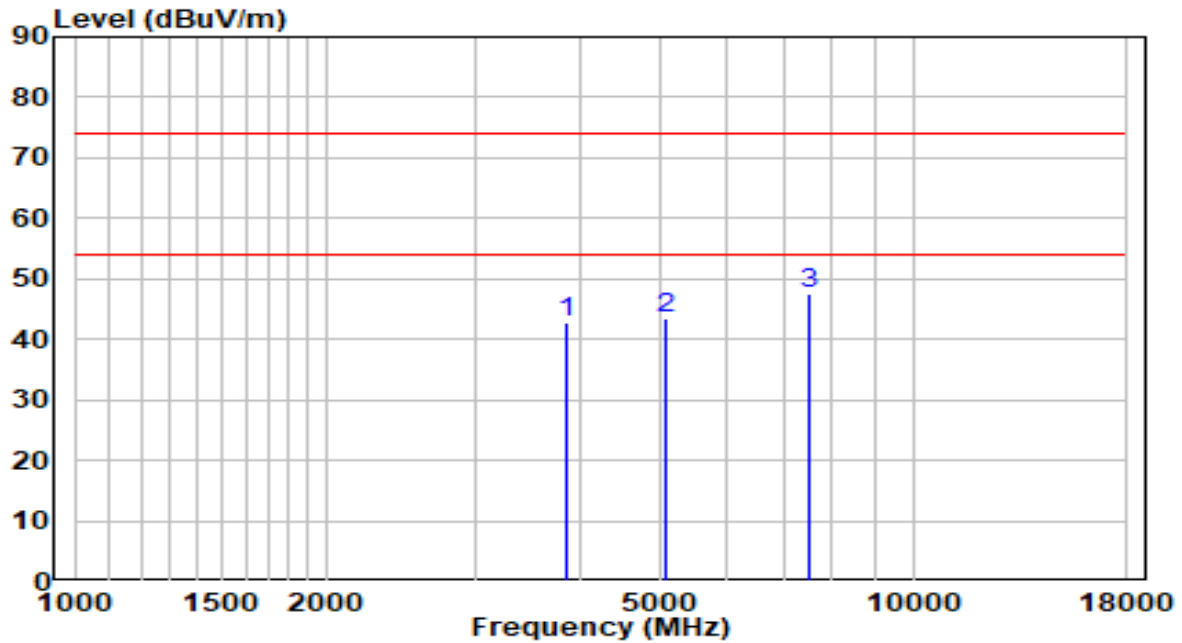


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3652.000	47.10	0.12	47.22	-26.78	74.00	Peak
2		5003.500	39.19	3.96	43.15	-30.85	74.00	Peak
3		7281.500	35.09	12.05	47.14	-26.86	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

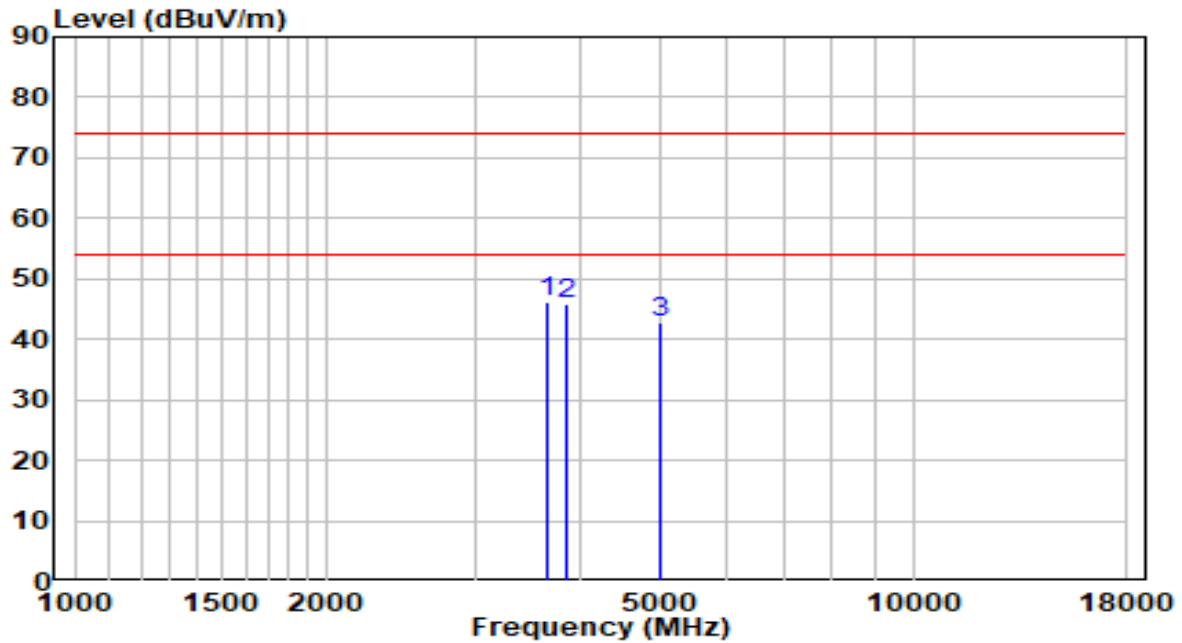


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3847.500	42.13	0.72	42.84	-31.16	74.00	Peak
2	5054.500	39.30	4.04	43.34	-30.66	74.00	Peak
3	* 7519.500	34.63	13.03	47.66	-26.34	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

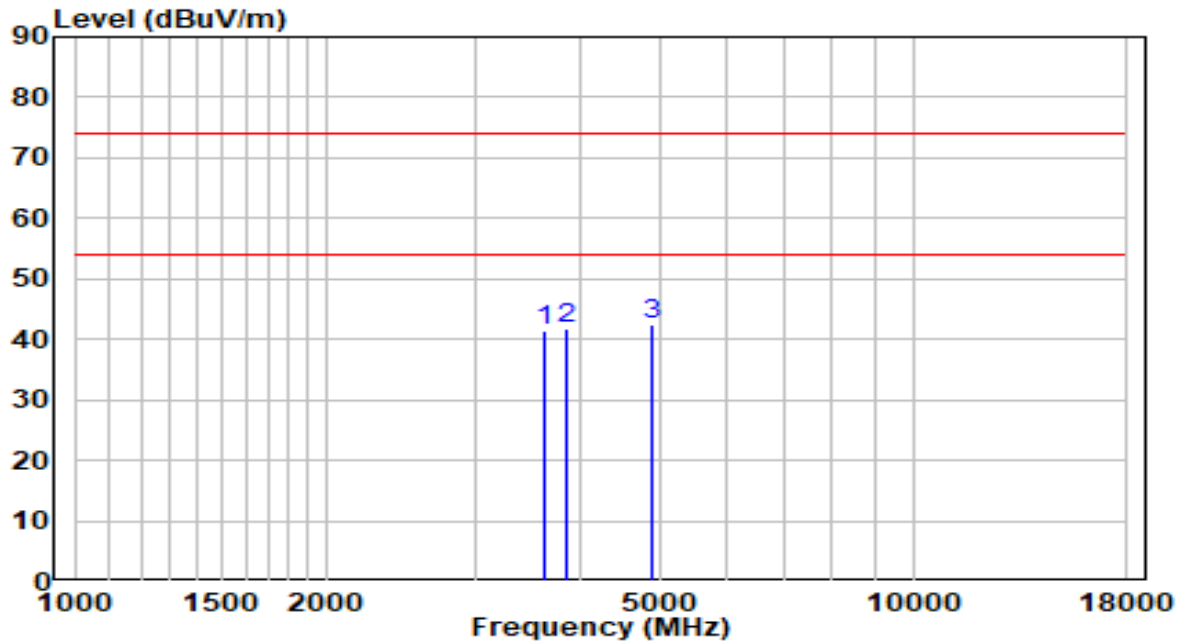


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3652.000	45.92	0.12	46.04	-27.96	74.00	Peak
2		3847.500	45.13	0.72	45.85	-28.15	74.00	Peak
3		5003.500	38.97	3.96	42.92	-31.08	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

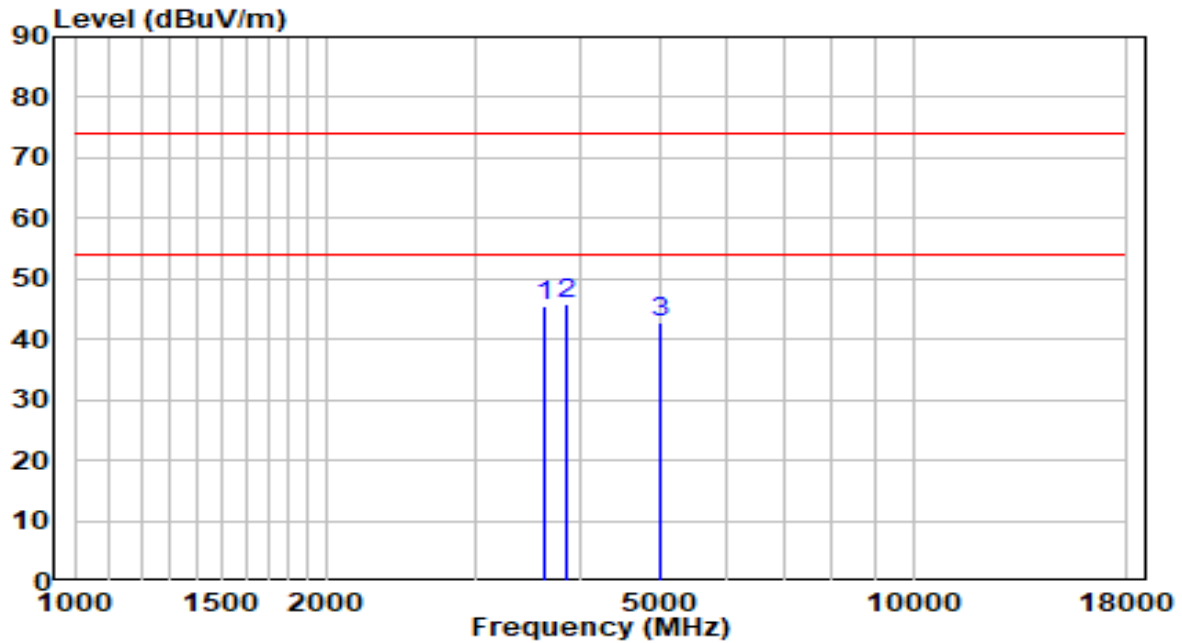


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	41.33	0.10	41.43	-32.57	74.00	Peak
2	3847.500	41.09	0.72	41.81	-32.19	74.00	Peak
3	* 4876.000	38.76	3.73	42.48	-31.52	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

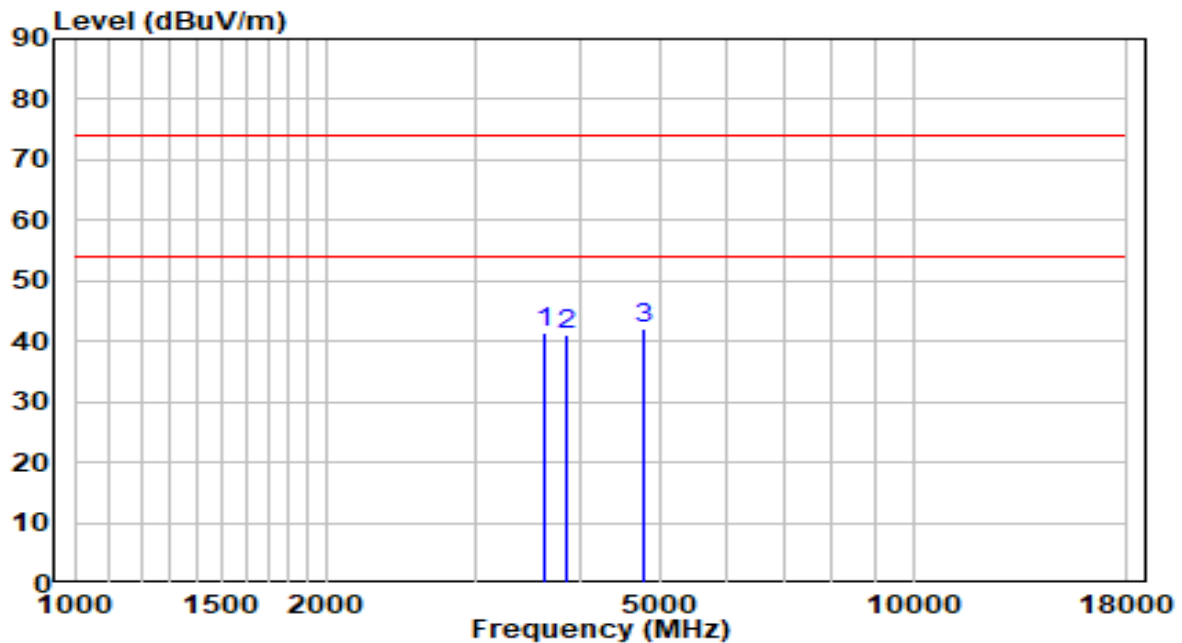


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	45.26	0.10	45.36	-28.64	74.00	Peak
2	* 3847.500	45.04	0.72	45.76	-28.24	74.00	Peak
3	5003.500	38.94	3.96	42.89	-31.11	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

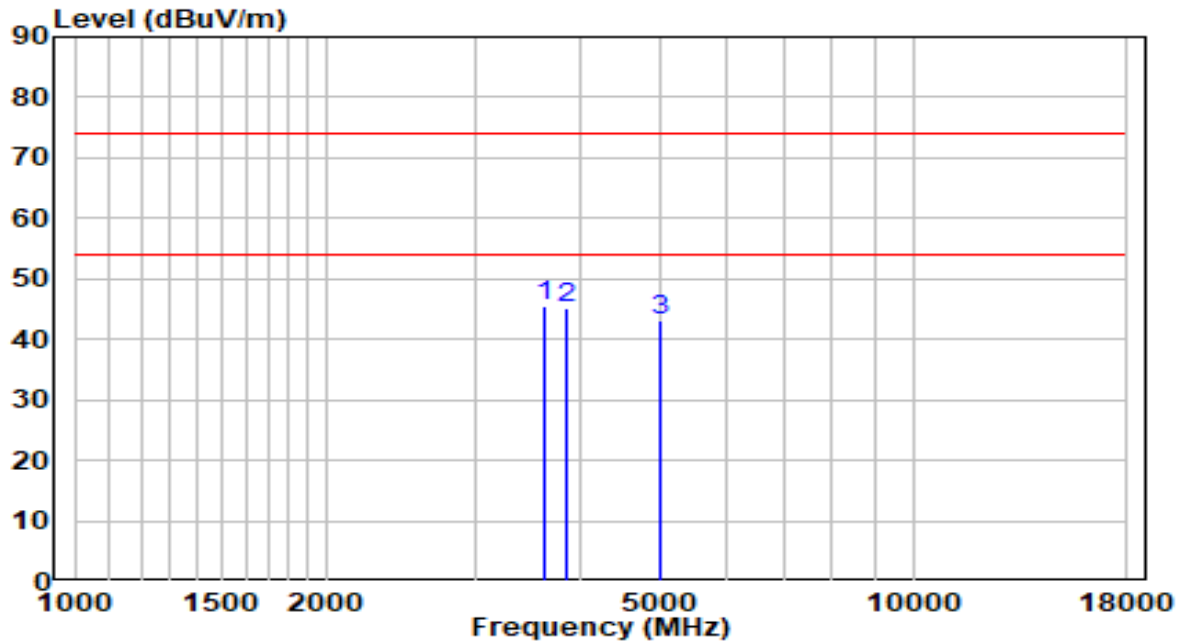


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	41.49	0.10	41.58	-32.42	74.00	Peak
2	3847.500	40.54	0.72	41.26	-32.74	74.00	Peak
3	* 4757.000	38.73	3.51	42.25	-31.75	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

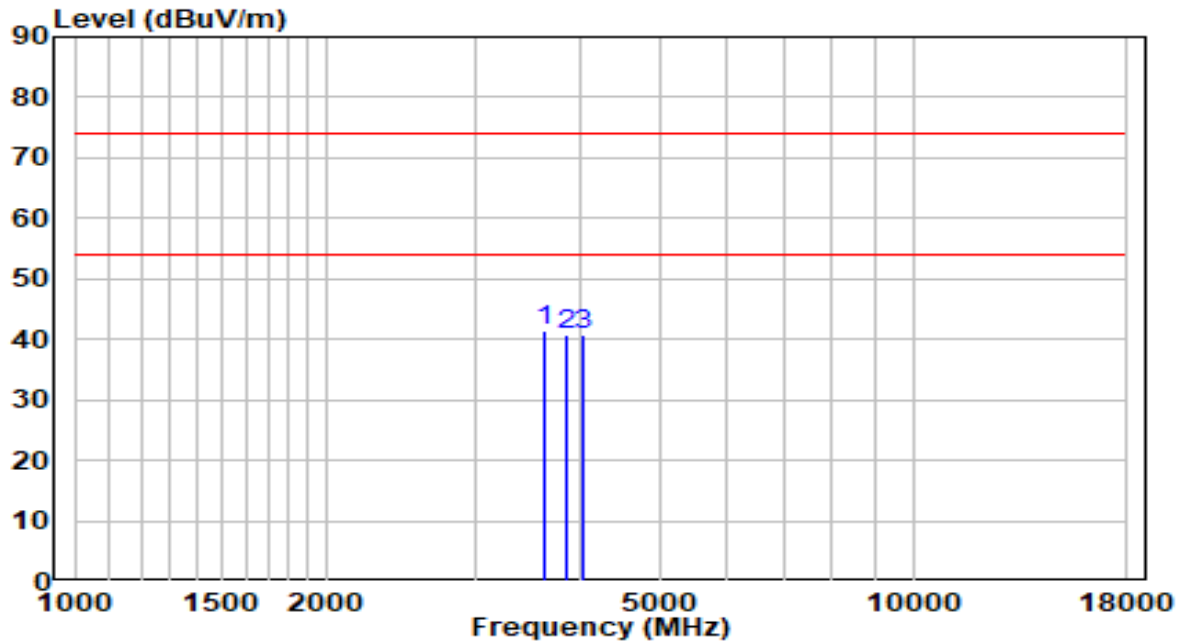


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	45.43	0.10	45.53	-28.47	74.00	Peak
2		3847.500	44.62	0.72	45.33	-28.67	74.00	Peak
3		5003.500	39.05	3.96	43.01	-30.99	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

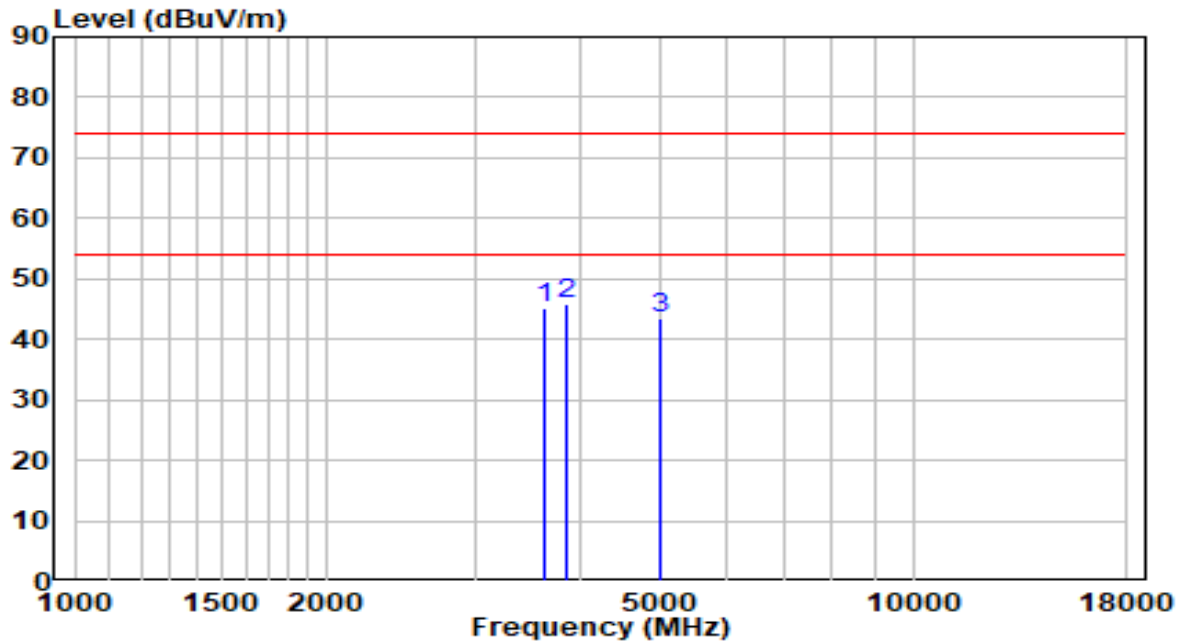


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	41.30	0.10	41.40	-32.60	74.00	Peak
2		3847.500	40.18	0.72	40.90	-33.10	74.00	Peak
3		4051.500	39.33	1.37	40.71	-33.29	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

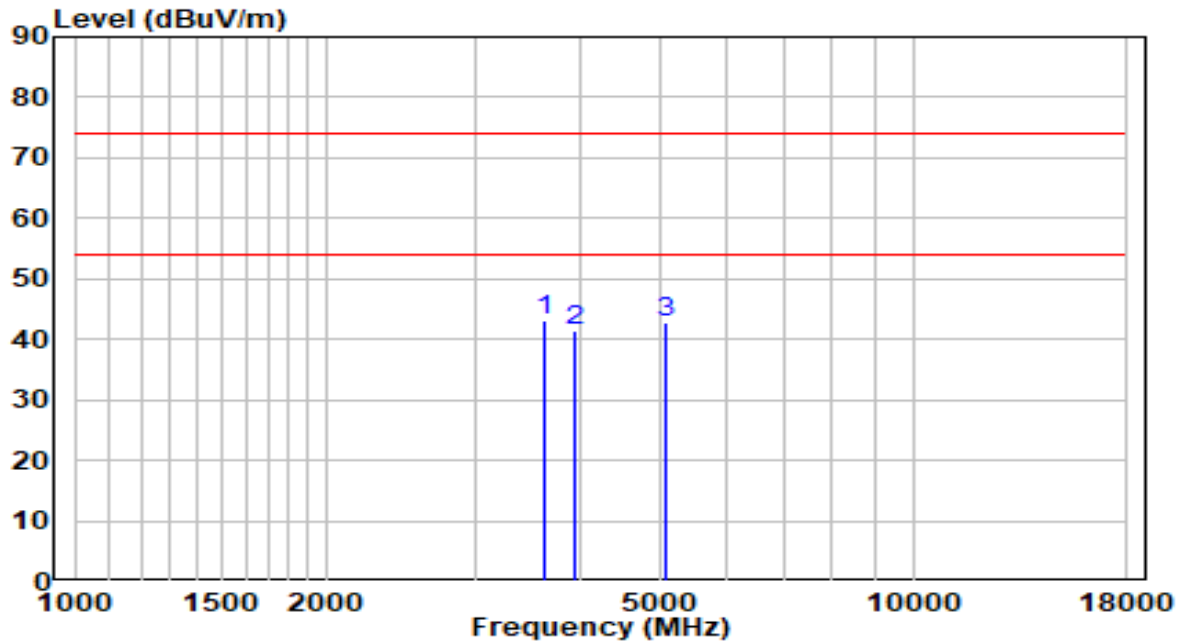


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	44.93	0.10	45.02	-28.98	74.00	Peak
2	* 3847.500	45.05	0.72	45.77	-28.23	74.00	Peak
3	5003.500	39.47	3.96	43.42	-30.58	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

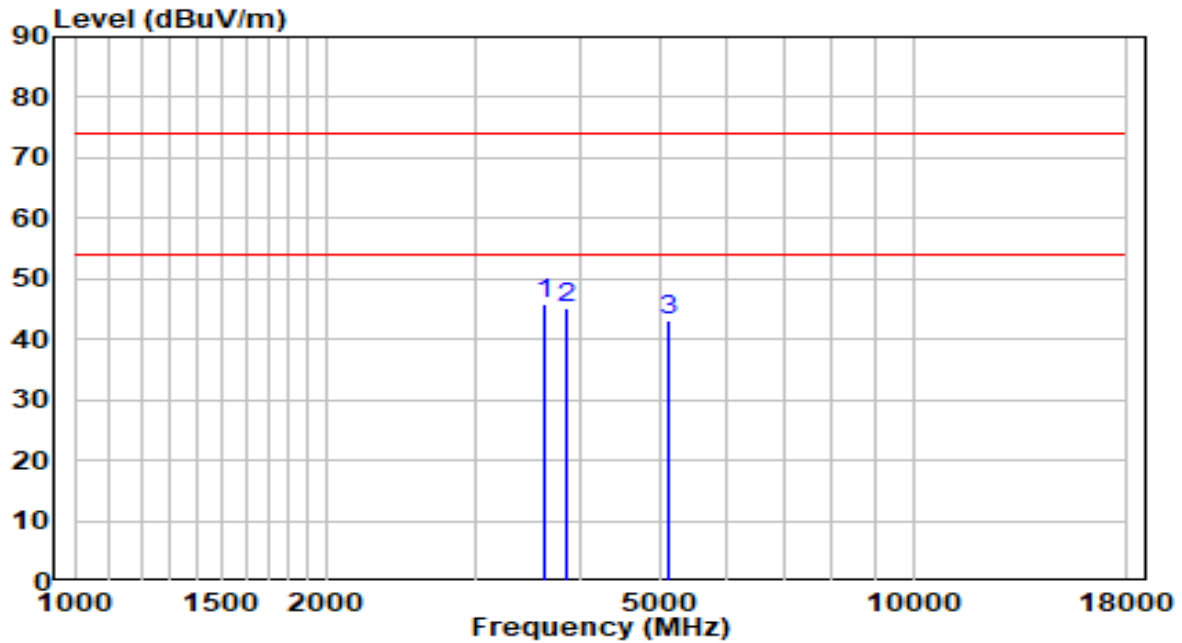


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	42.97	0.10	43.06	-30.94	74.00	Peak
2		3958.000	40.40	1.05	41.45	-32.55	74.00	Peak
3		5054.500	38.87	4.04	42.91	-31.09	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

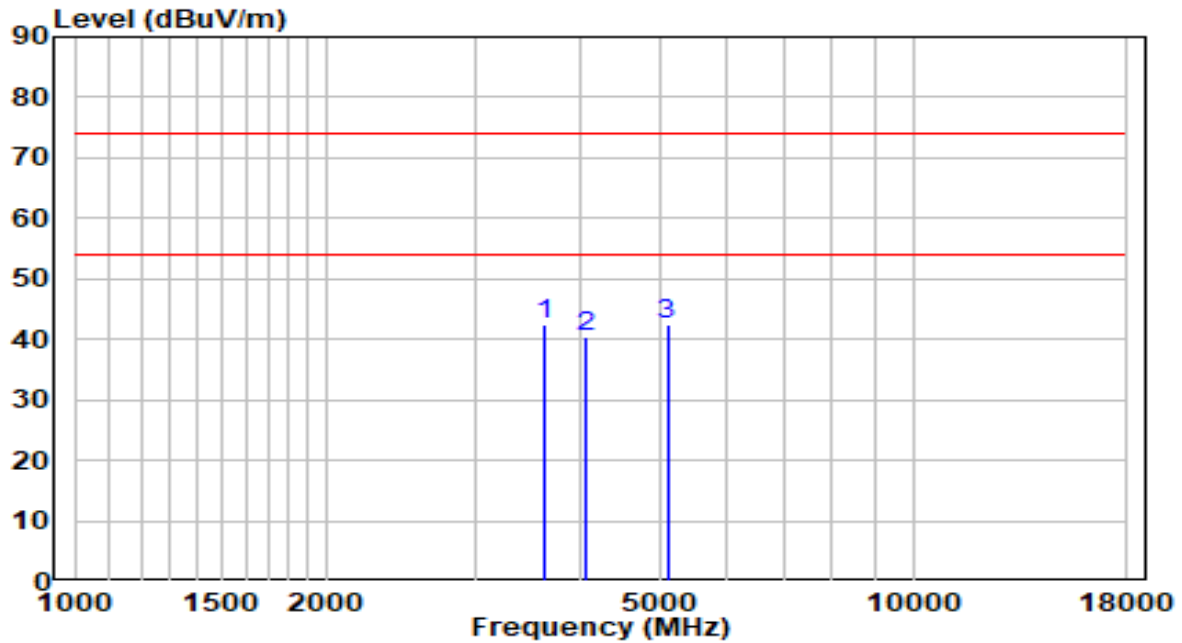


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	45.74	0.10	45.84	-28.16	74.00	Peak
2		3847.500	44.50	0.72	45.22	-28.78	74.00	Peak
3		5122.500	39.00	4.15	43.16	-30.84	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

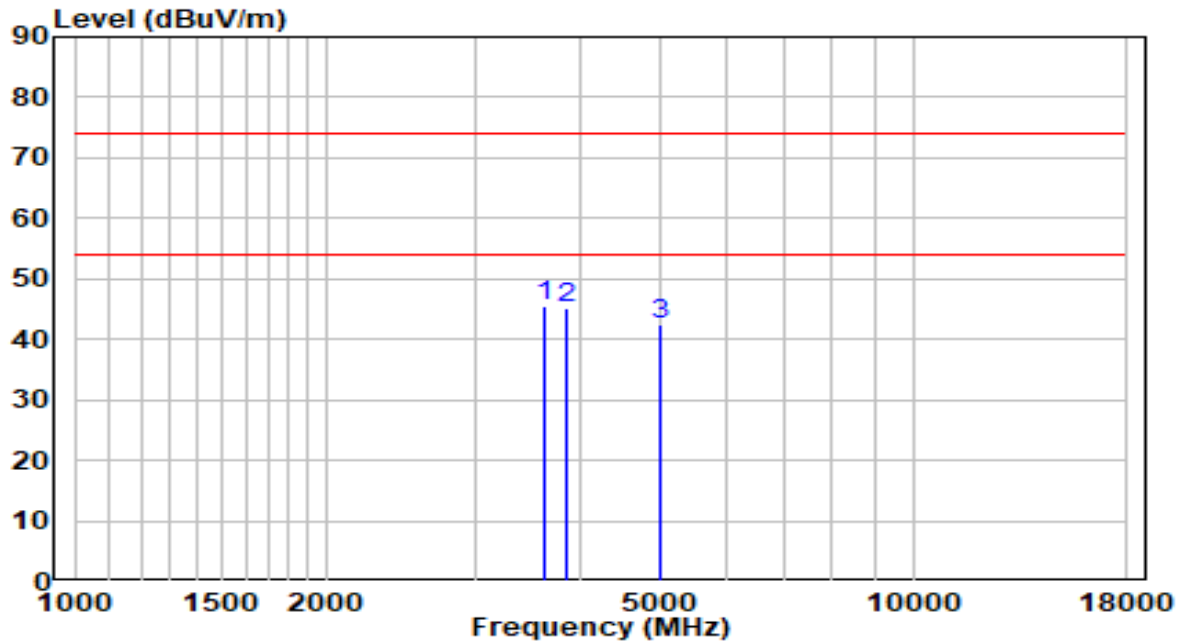


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	42.31	0.10	42.41	-31.59	74.00	Peak
2	4060.000	39.00	1.40	40.40	-33.60	74.00	Peak
3	* 5088.500	38.43	4.10	42.52	-31.48	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2441MHz	Test Voltage	AC 120V/60Hz

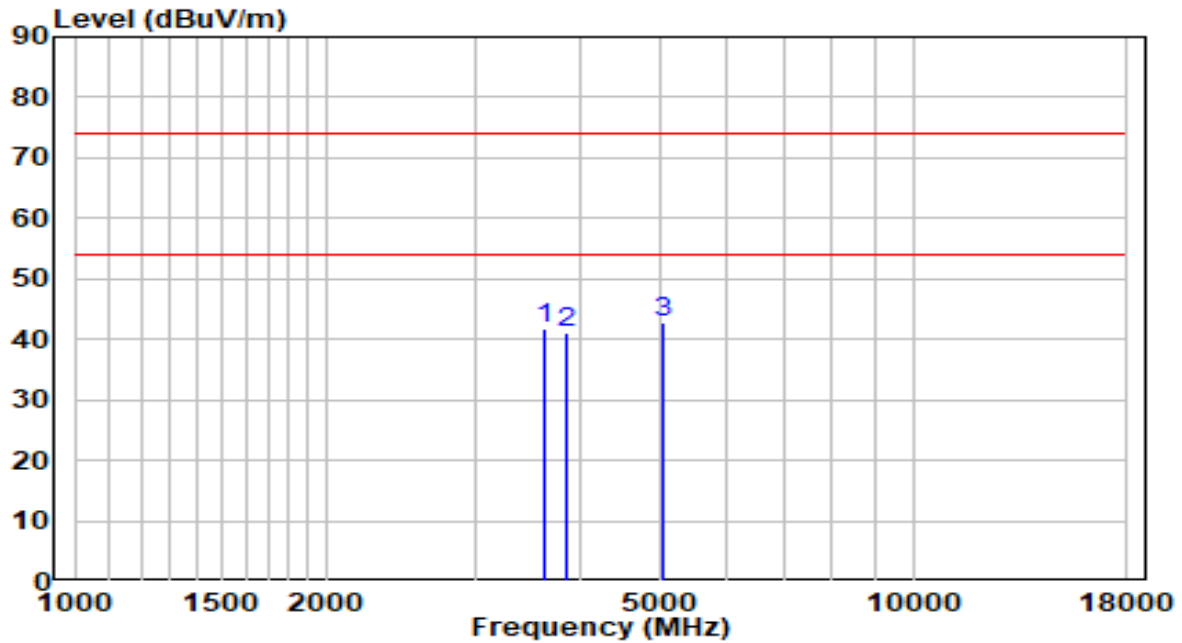


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	45.29	0.10	45.39	-28.61	74.00	Peak
2		3847.500	44.50	0.72	45.22	-28.78	74.00	Peak
3		5003.500	38.52	3.96	42.47	-31.53	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

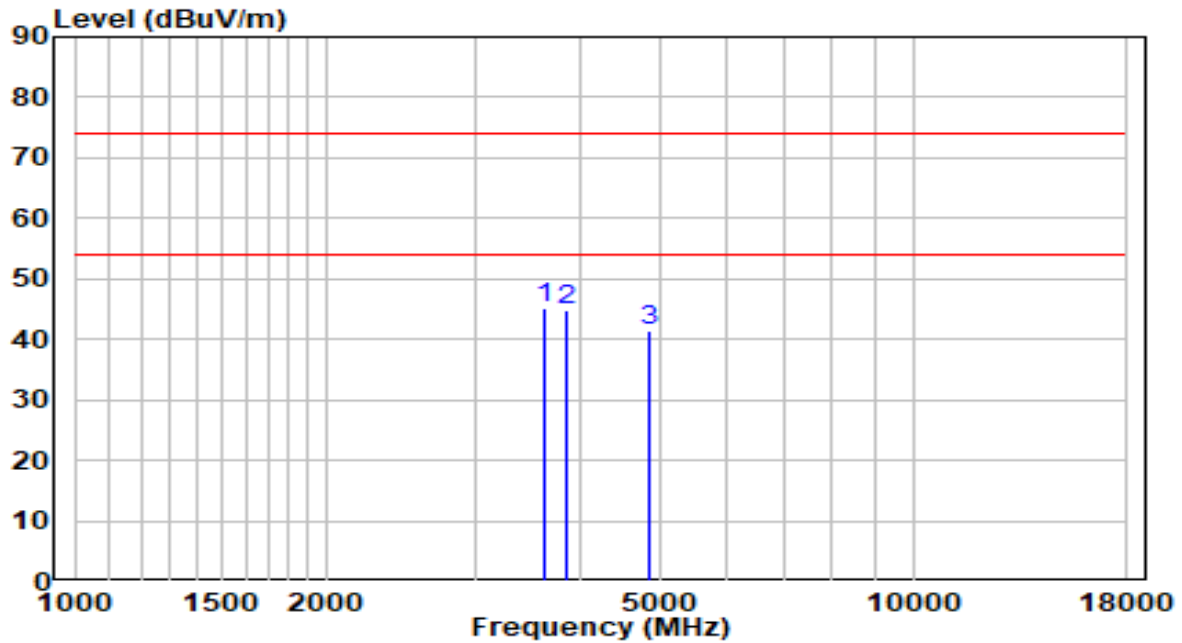


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3643.500	41.68	0.10	41.77	-32.23	74.00	Peak
2	3847.500	40.44	0.72	41.16	-32.84	74.00	Peak
3	* 5046.000	38.79	4.03	42.82	-31.18	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz



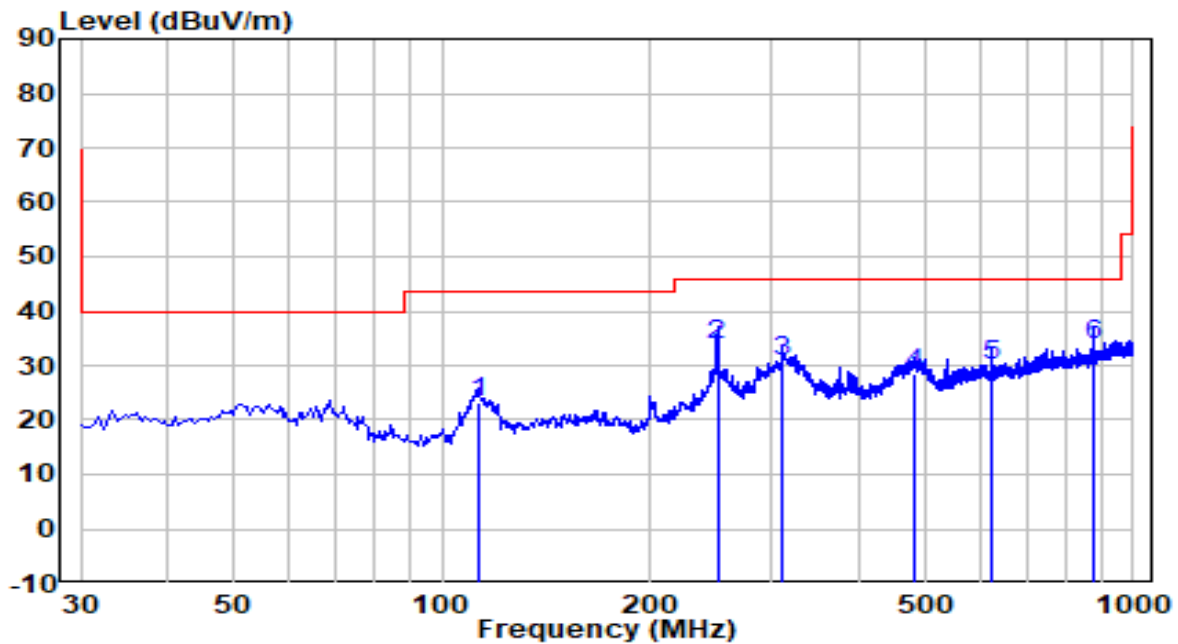
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3643.500	45.11	0.10	45.21	-28.79	74.00	Peak
2		3847.500	44.28	0.72	45.00	-29.00	74.00	Peak
3		4850.500	37.79	3.68	41.48	-32.52	74.00	Peak

Note:

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

The Worst Case of Radiated Emission below 1GHz:

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-19
Factor	VULB 9162	Temp. / Humidity	24.8°C /47.6%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at channel 2402MHz	Test Voltage	AC 120V/60Hz

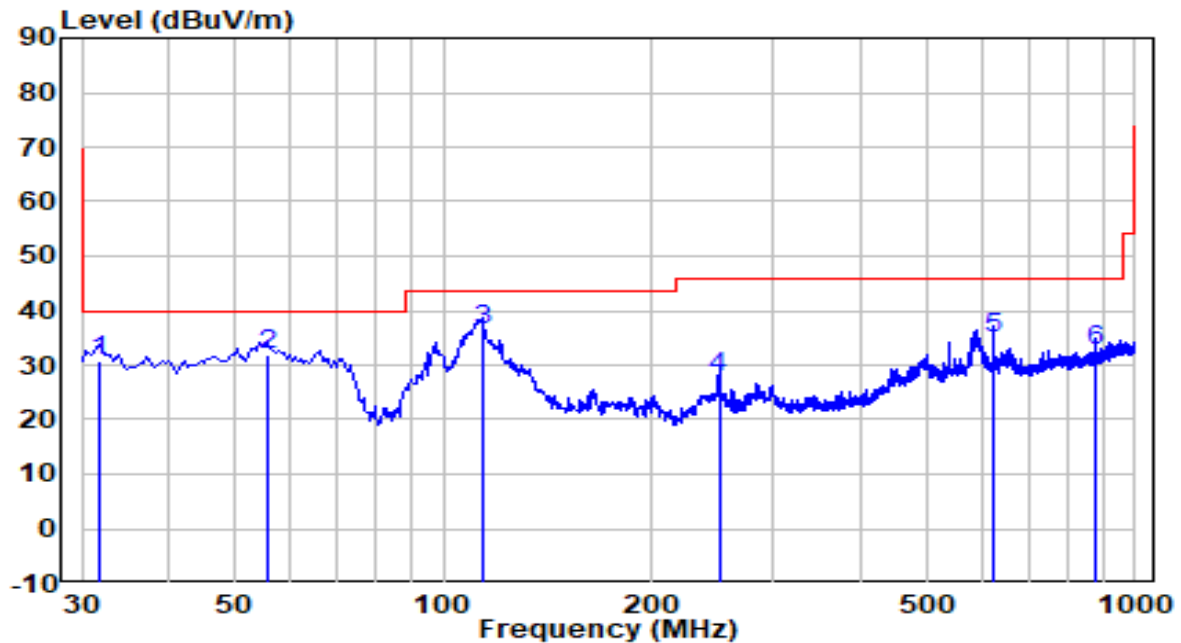


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	112.935	5.03	18.28	23.31	-20.19	43.50	Peak
2	* 250.190	13.40	20.54	33.94	-12.06	46.00	Peak
3	309.845	9.05	21.84	30.89	-15.11	46.00	Peak
4	484.445	2.83	25.81	28.64	-17.36	46.00	Peak
5	625.095	1.97	28.21	30.18	-15.82	46.00	Peak
6	874.870	2.16	31.63	33.79	-12.21	46.00	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
- Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-19
Factor	VULB 9162	Temp. / Humidity	24.8°C /47.6%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at channel 2402MHz	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	31.940	12.17	18.76	30.93	-9.07	40.00	Peak
2	55.705	10.92	21.00	31.92	-8.08	40.00	Peak
3	* 113.905	18.29	18.14	36.43	-7.07	43.50	Peak
4	250.190	7.18	20.54	27.72	-18.28	46.00	Peak
5	625.095	6.57	28.21	34.78	-11.22	46.00	Peak
6	874.870	0.87	31.63	32.50	-13.50	46.00	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
- Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.10. Radiated Restricted Band Edge Measurement

7.10.1. 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	--	--	--

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

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

7.10.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.10.3.Test Setting

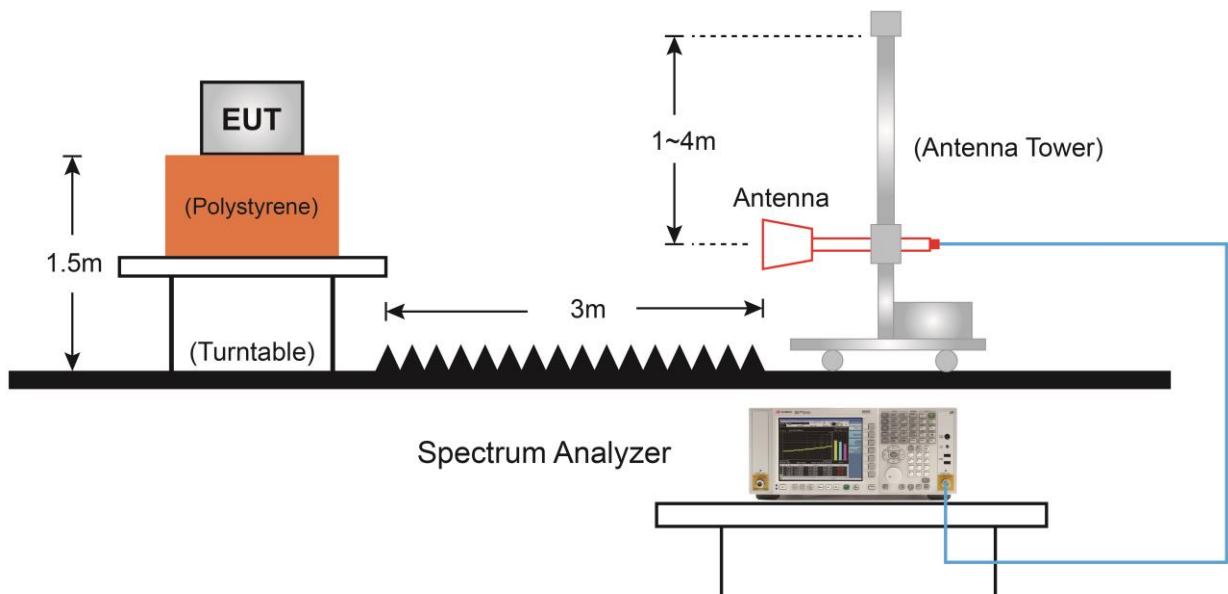
Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

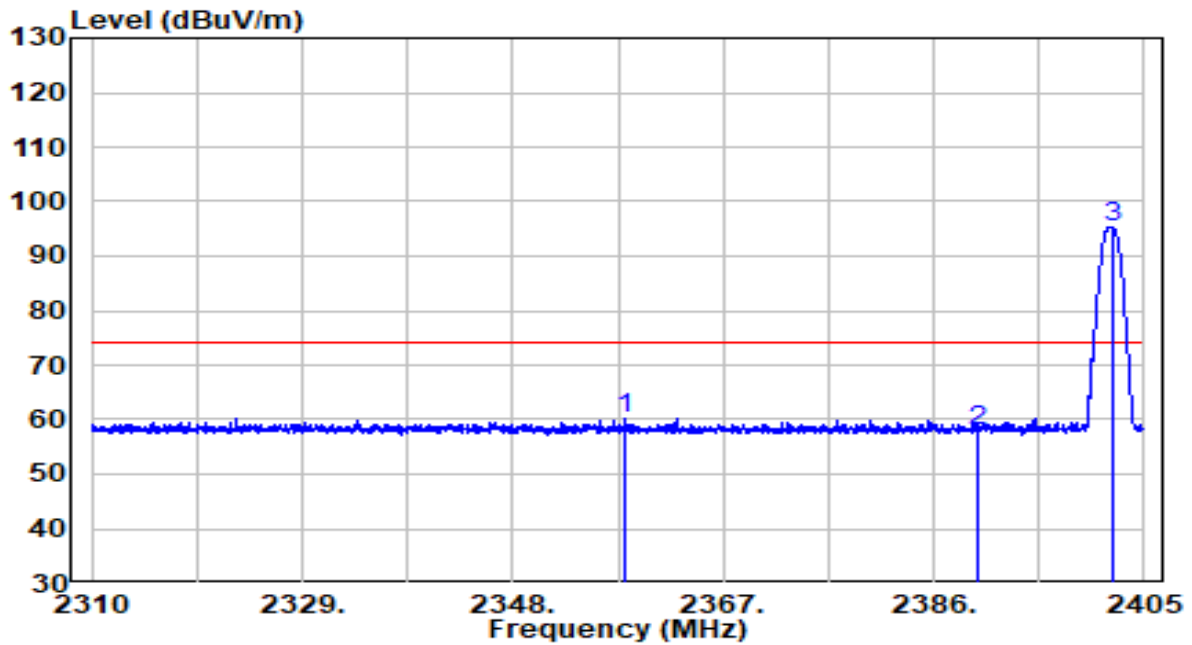
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.10.4.Test Setup



7.10.5. Test Result

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

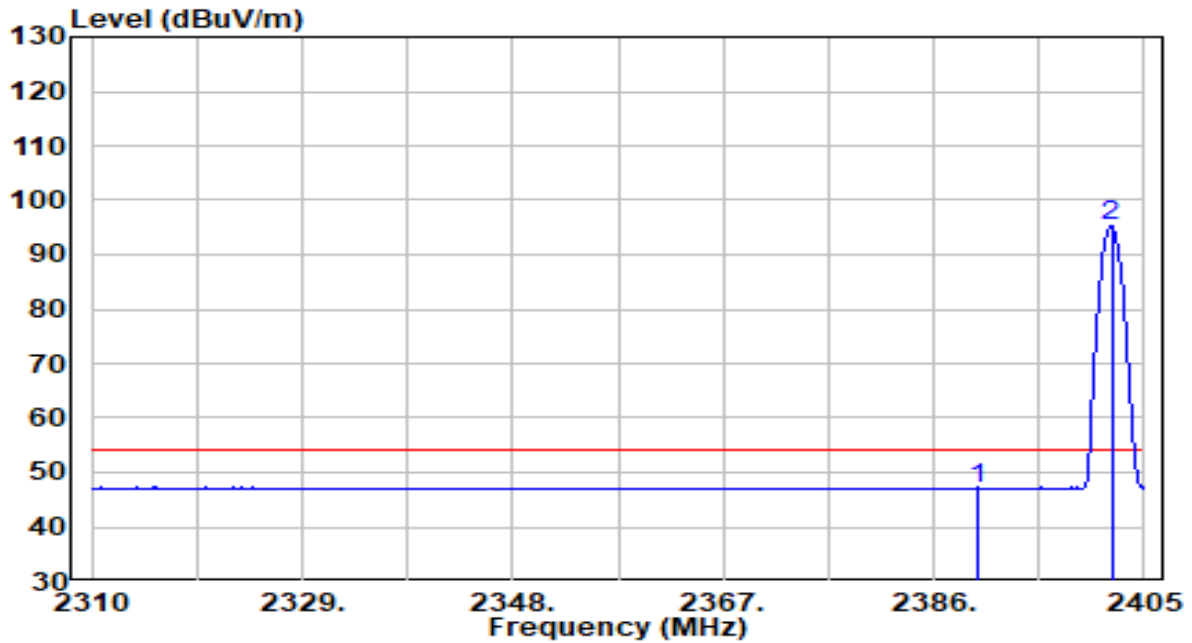


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2358.212	28.19	32.08	60.28	-13.72	74.00	Peak
2	2390.000	25.82	32.22	58.04	-15.96	74.00	Peak
3	* 2402.103	63.14	32.27	95.41	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

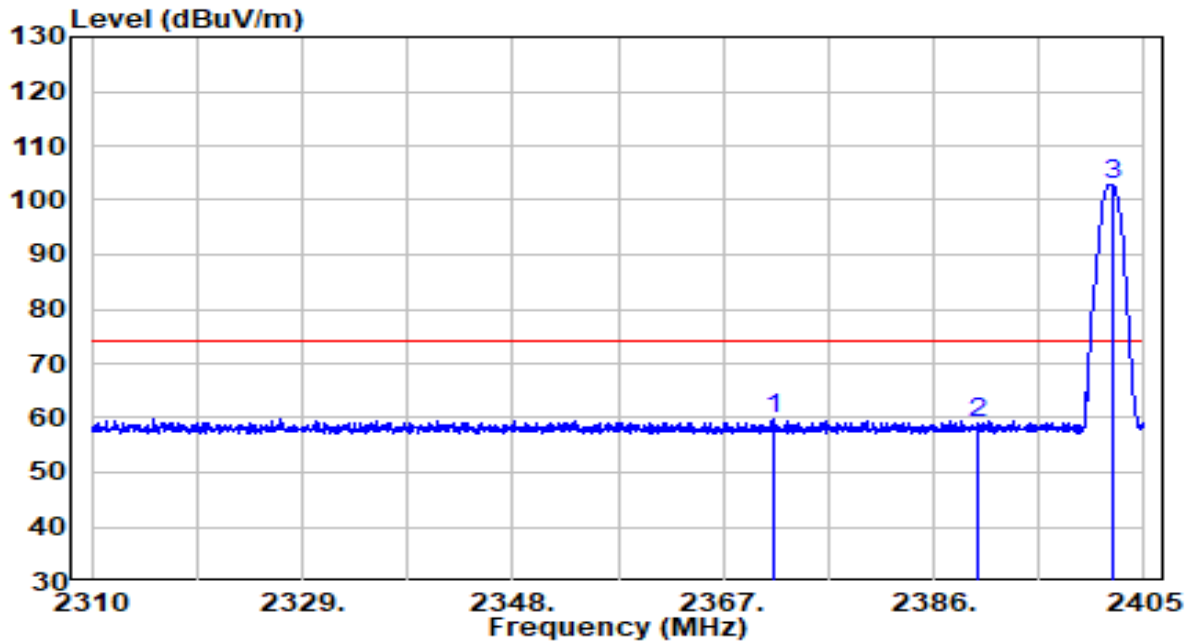


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.85	32.22	47.07	-6.93	54.00	Average
2	* 2402.055	62.92	32.27	95.18	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

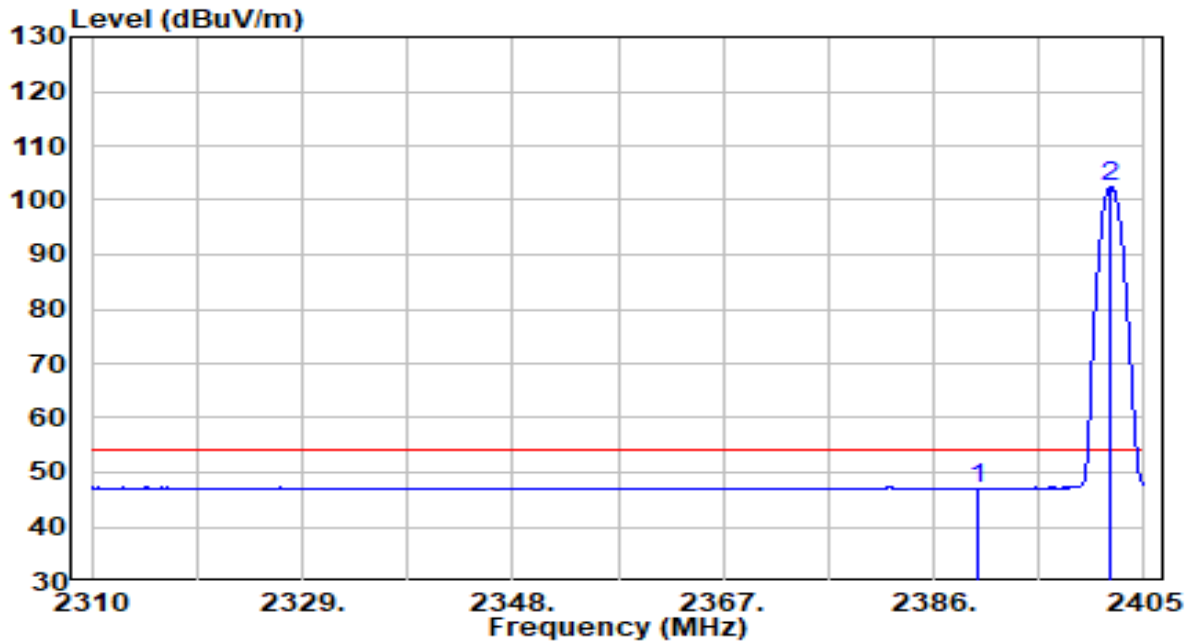


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2371.655	27.72	32.14	59.86	-14.14	74.00	Peak
2	2390.000	26.78	32.22	59.00	-15.00	74.00	Peak
3	* 2402.150	70.49	32.27	102.75	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

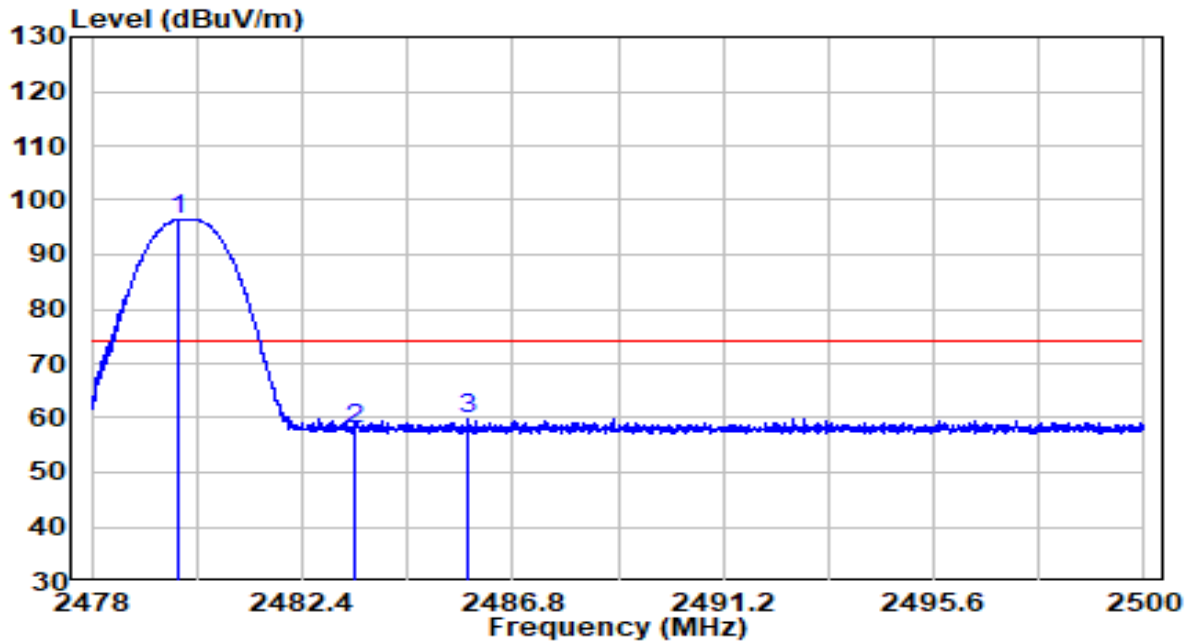


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.87	32.22	47.09	-6.91	54.00	Average
2	* 2402.008	70.25	32.27	102.52	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

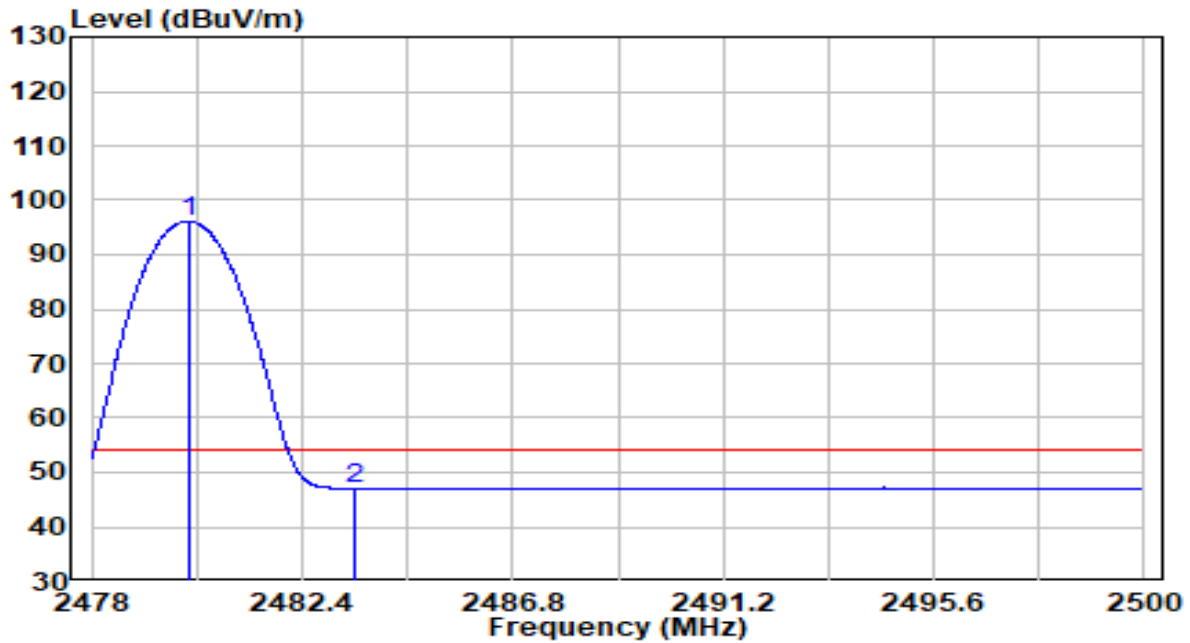


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.826	63.84	32.60	96.44	N/A	N/A	Peak
2		2483.500	25.14	32.61	57.75	-16.25	74.00	Peak
3		2485.887	27.31	32.62	59.93	-14.07	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

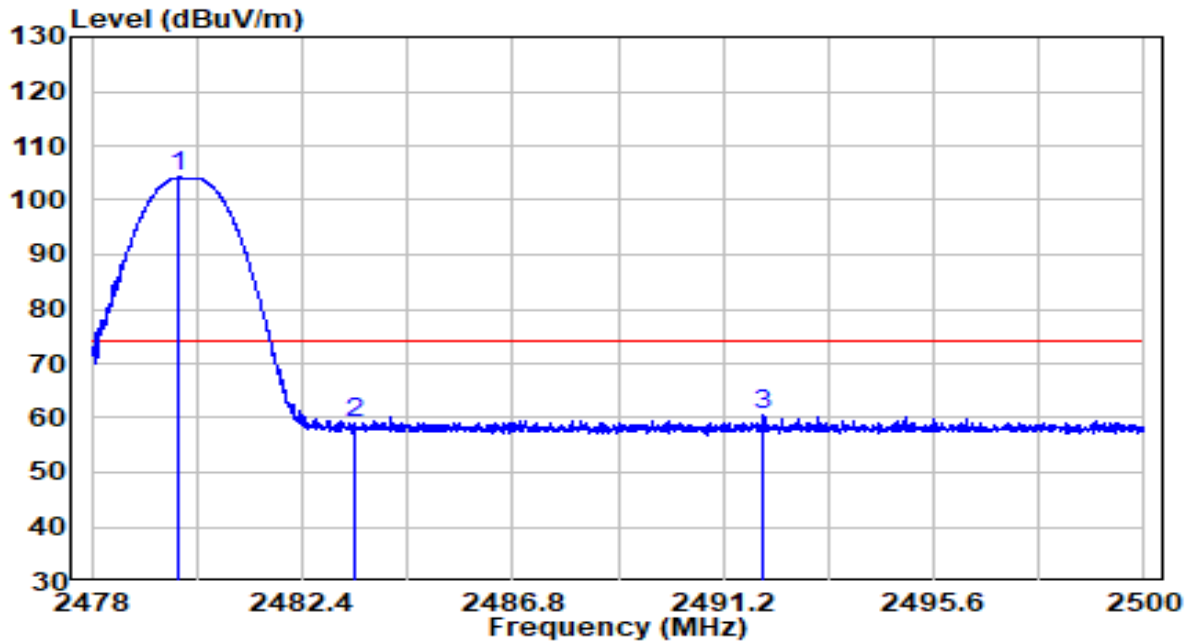


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.024	63.57	32.60	96.17	N/A	N/A	Average
2		2483.500	14.45	32.61	47.06	-6.94	54.00	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

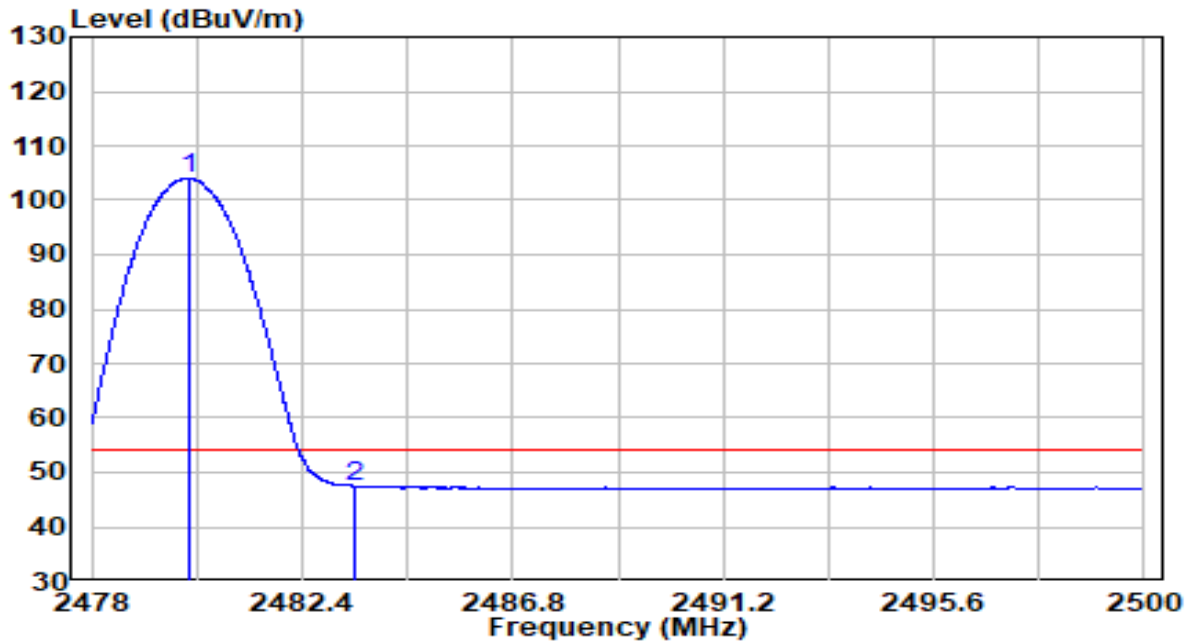


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.815	71.57	32.60	104.16	N/A	N/A	Peak
2		2483.500	26.36	32.61	58.97	-15.03	74.00	Peak
3		2492.047	27.81	32.65	60.46	-13.54	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

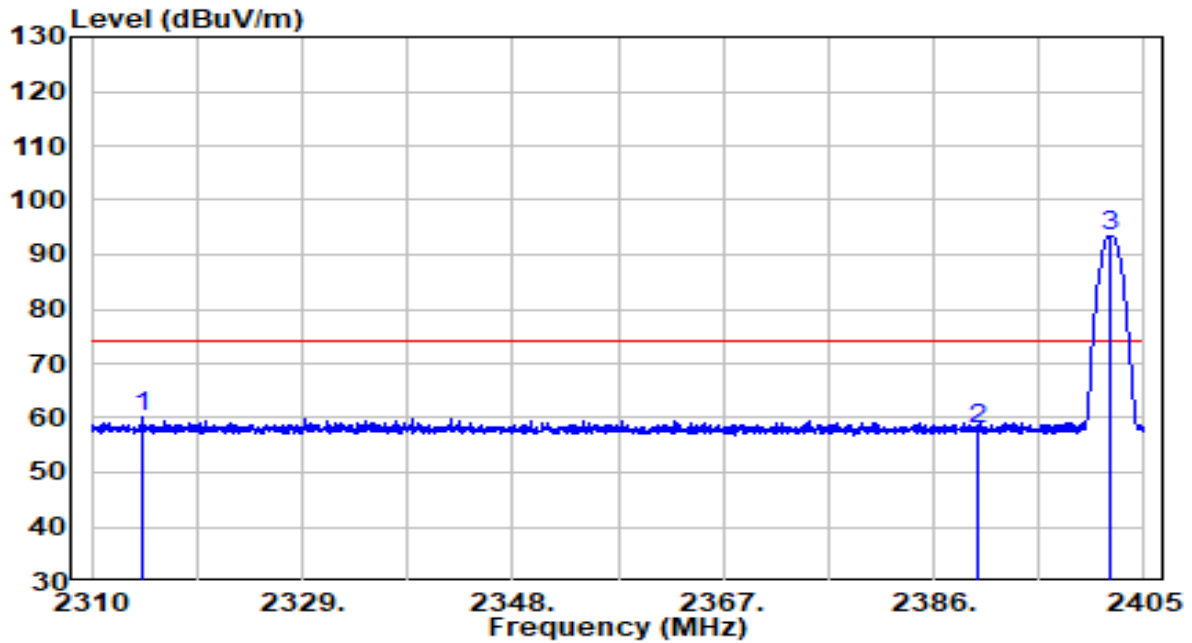


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.035	71.41	32.60	104.01	N/A	N/A	Average
2		2483.500	14.86	32.61	47.47	-6.53	54.00	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

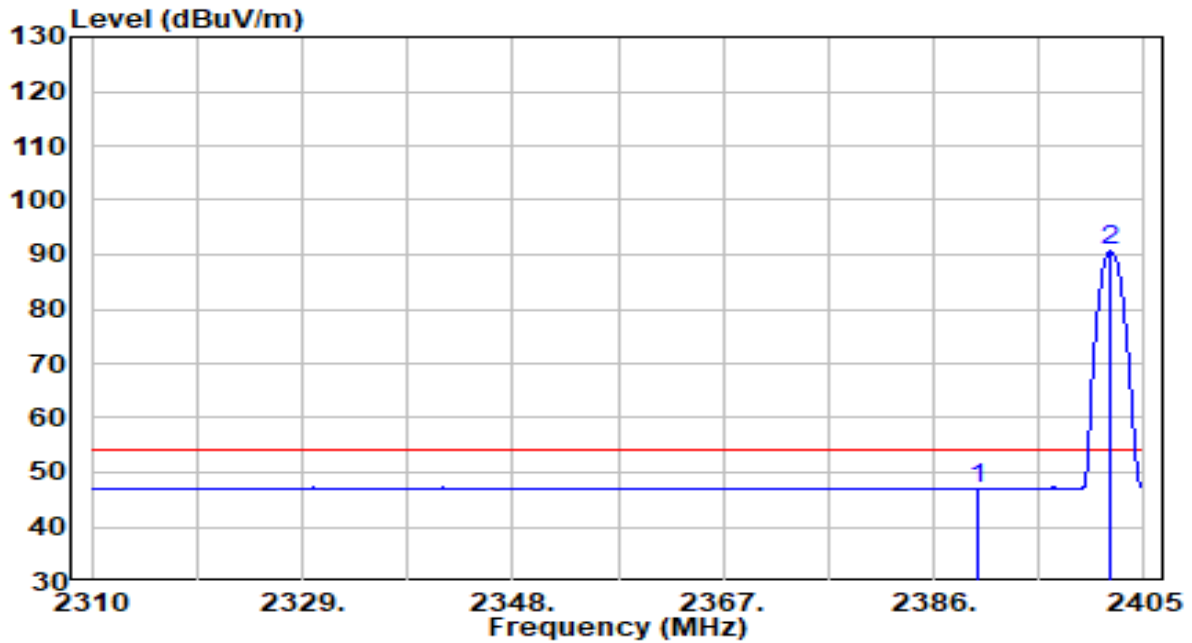


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2314.560	28.19	31.90	60.09	-13.91	74.00	Peak
2	2390.000	25.55	32.22	57.77	-16.23	74.00	Peak
3	* 2401.817	61.24	32.27	93.51	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

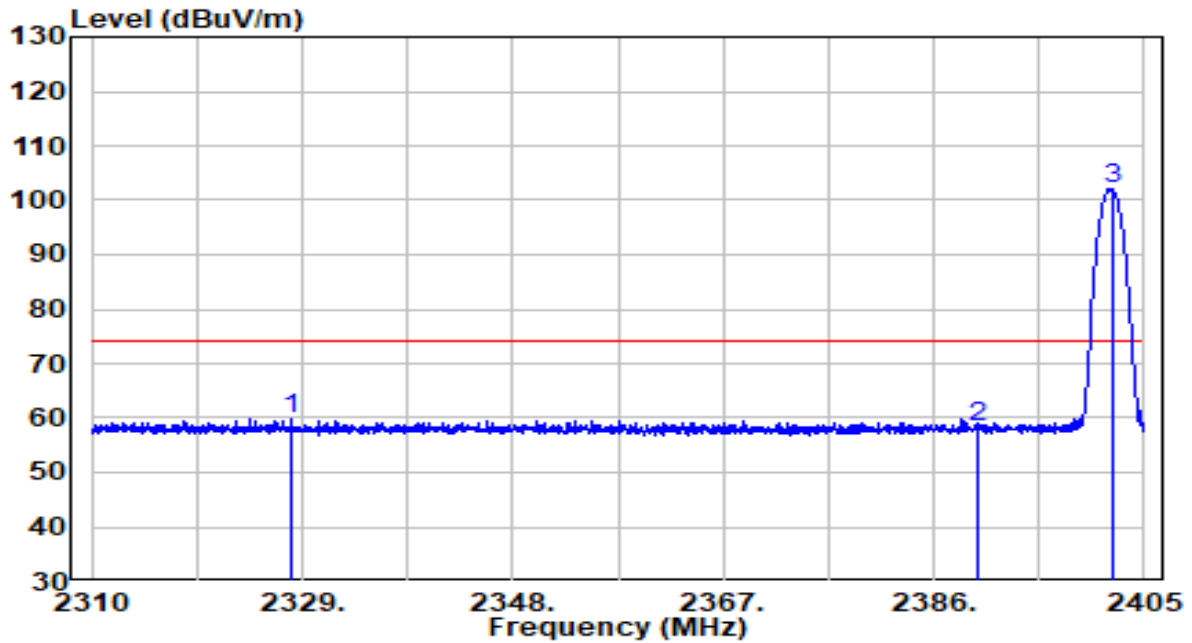


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.72	32.22	46.94	-7.06	54.00	Average
2	* 2401.913	58.44	32.27	90.70	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

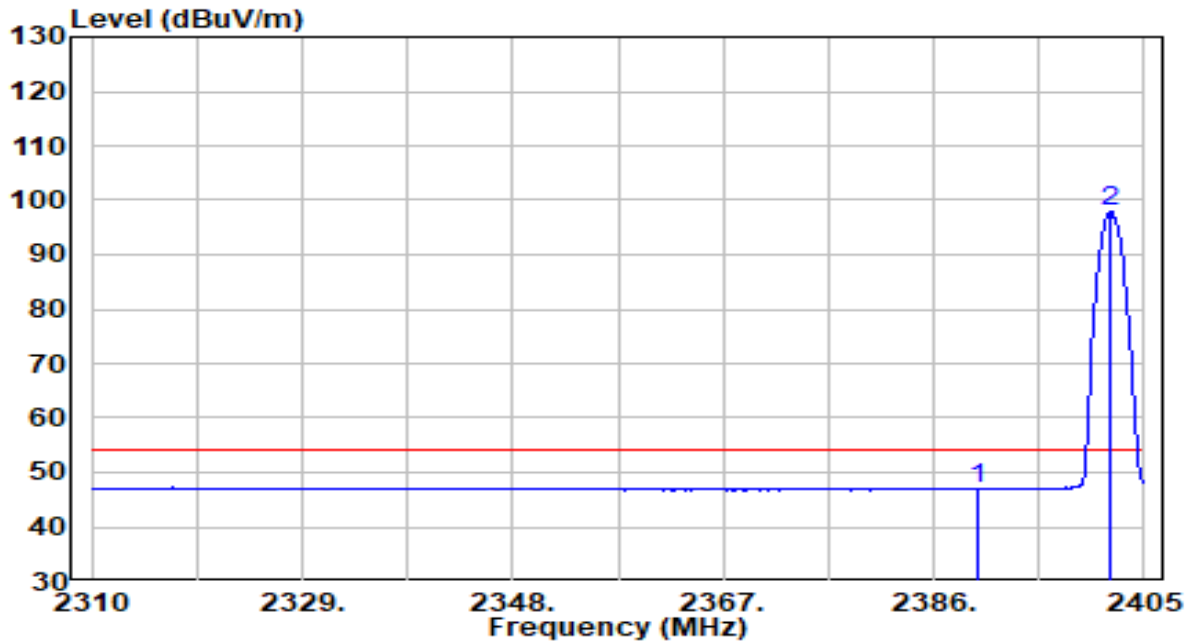


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2328.002	27.84	31.96	59.80	-14.20	74.00	Peak
2	2390.000	26.16	32.22	58.38	-15.62	74.00	Peak
3	* 2402.198	69.79	32.27	102.06	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

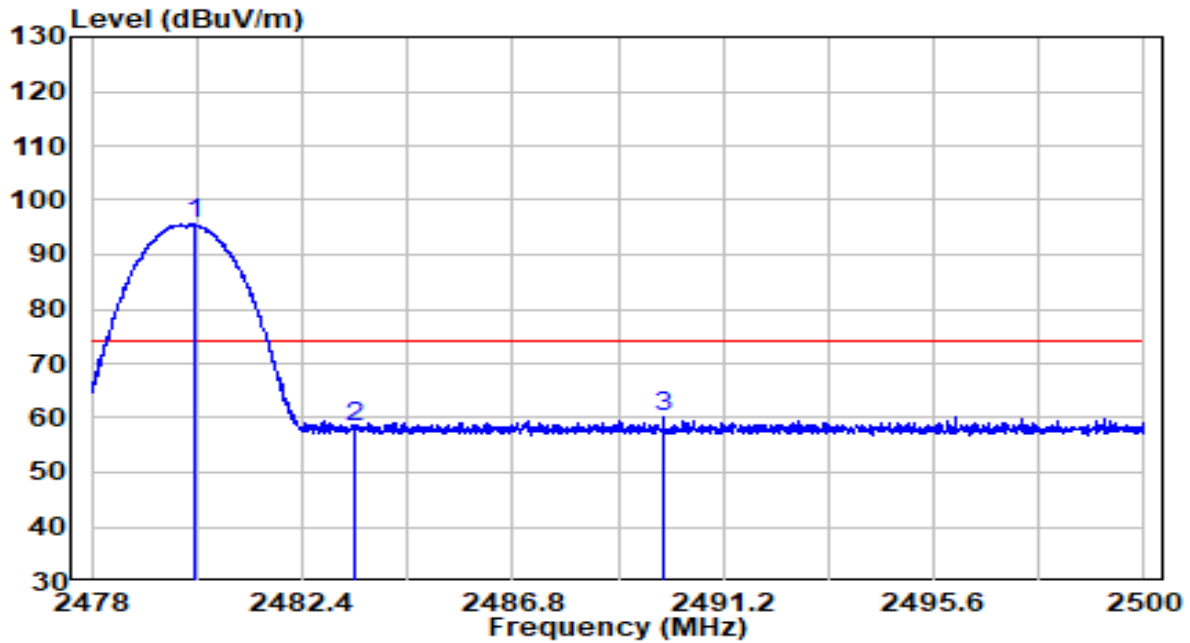


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.72	32.22	46.94	-7.06	54.00	Average
2	* 2402.008	65.66	32.27	97.93	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

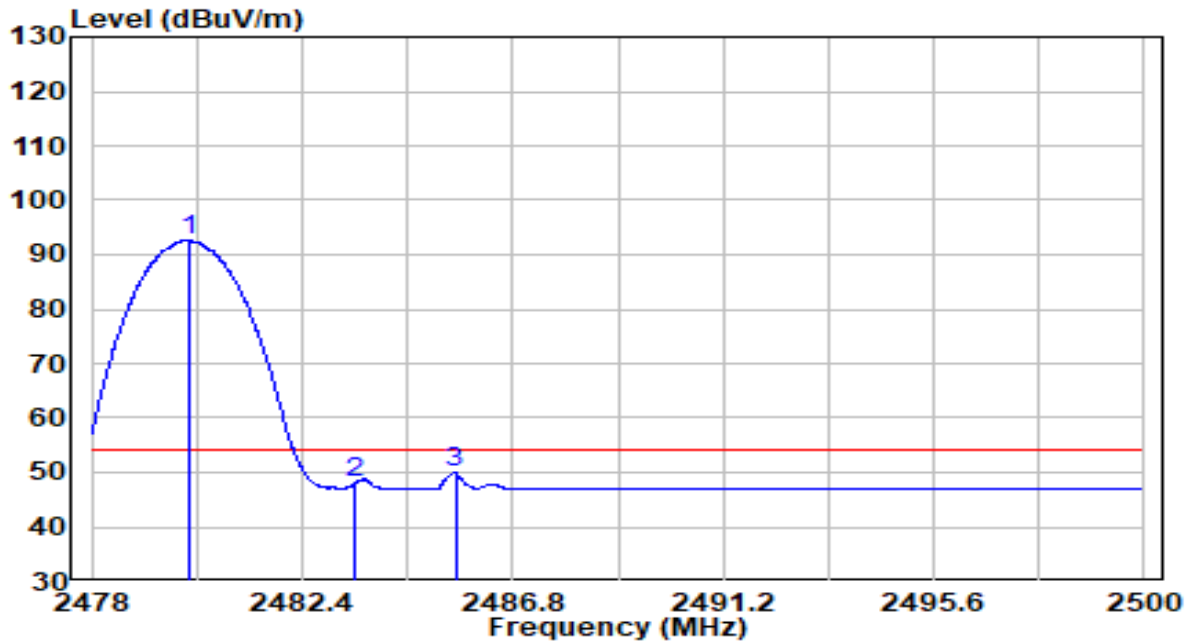


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.145	62.97	32.60	95.56	N/A	N/A	Peak
2		2483.500	25.57	32.61	58.18	-15.82	74.00	Peak
3		2489.957	27.71	32.64	60.35	-13.65	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

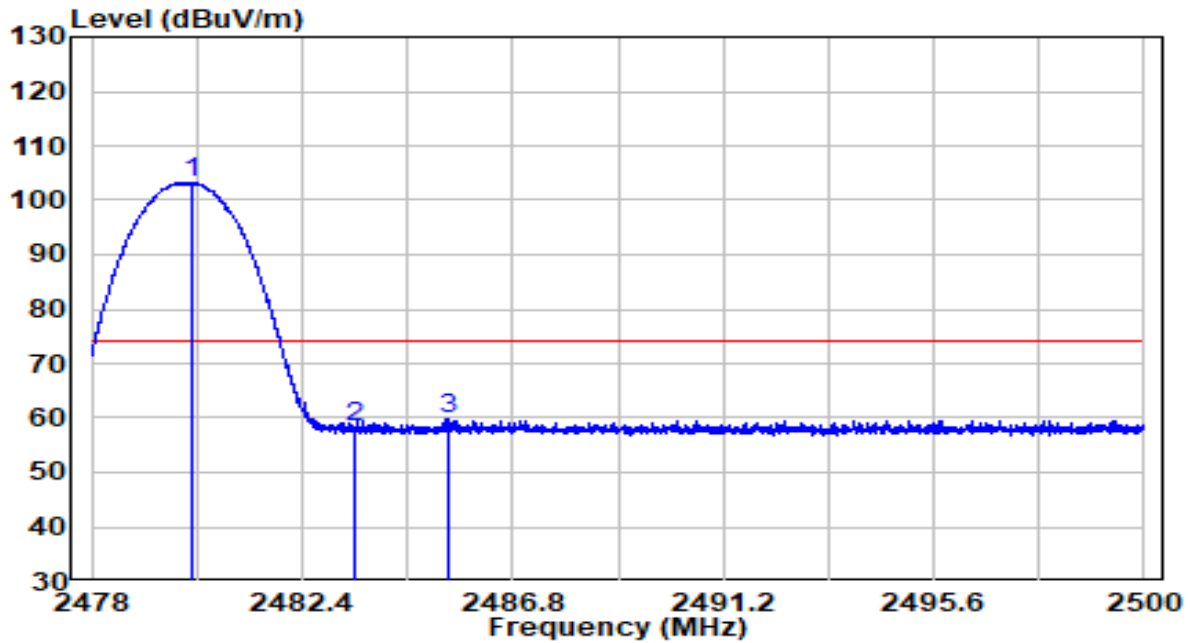


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.046	60.07	32.60	92.67	N/A	N/A	Average
2		2483.500	15.47	32.61	48.09	-5.91	54.00	Average
3		2485.601	17.46	32.62	50.08	-3.92	54.00	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

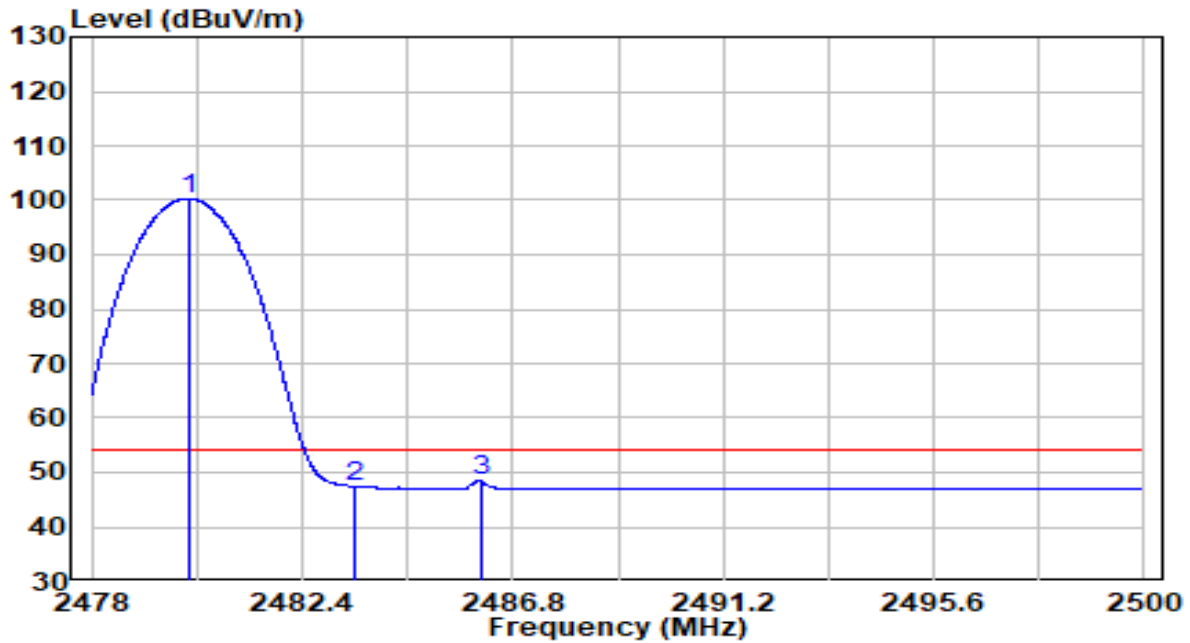


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.090	70.59	32.60	103.18	N/A	N/A	Peak
2		2483.500	25.80	32.61	58.41	-15.59	74.00	Peak
3		2485.458	27.26	32.62	59.87	-14.13	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 2DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

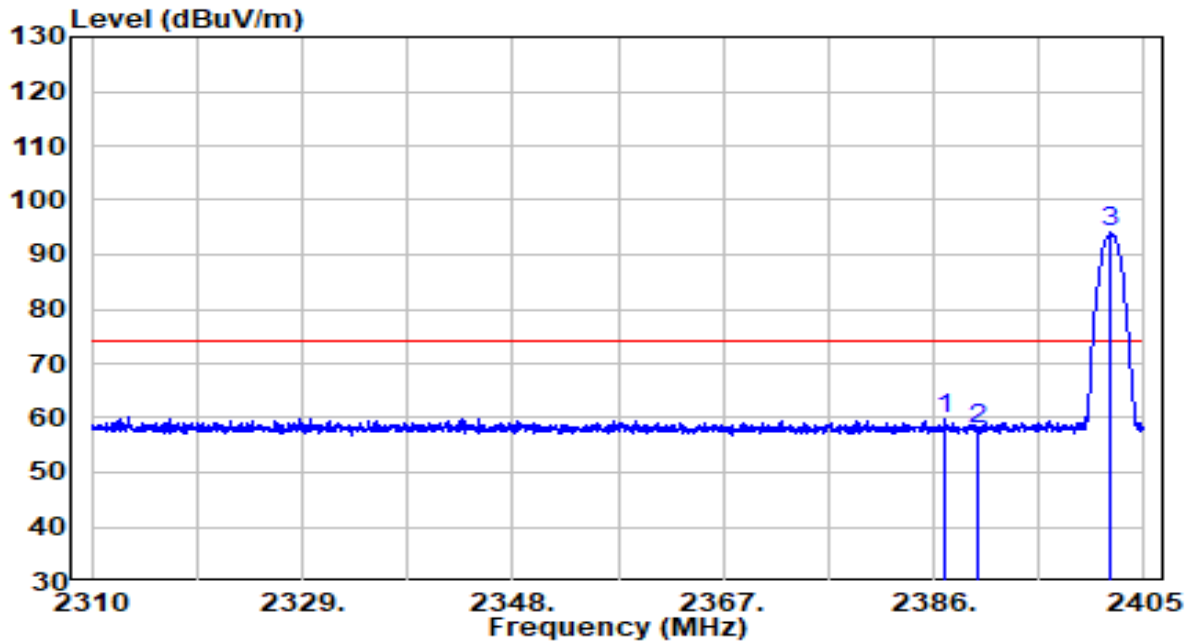


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.013	67.75	32.60	100.35	N/A	N/A	Average
2		2483.500	14.70	32.61	47.31	-6.69	54.00	Average
3		2486.140	15.89	32.62	48.51	-5.49	54.00	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

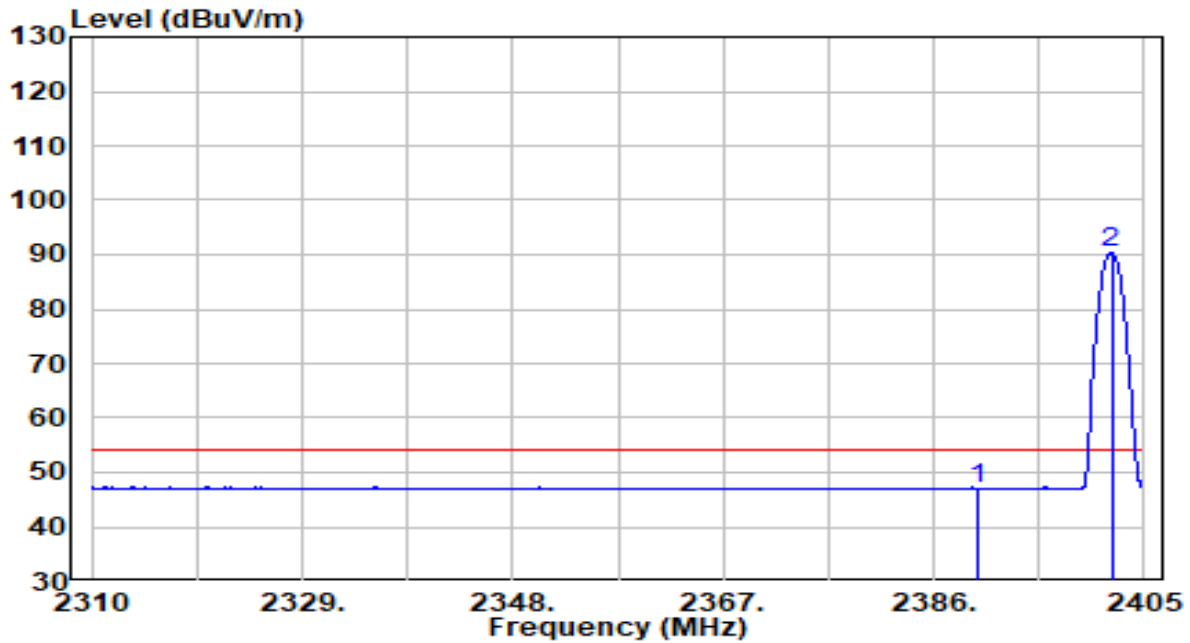


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2387.045	27.56	32.21	59.76	-14.24	74.00	Peak
2	2390.000	25.70	32.22	57.92	-16.08	74.00	Peak
3	* 2401.913	61.70	32.27	93.97	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

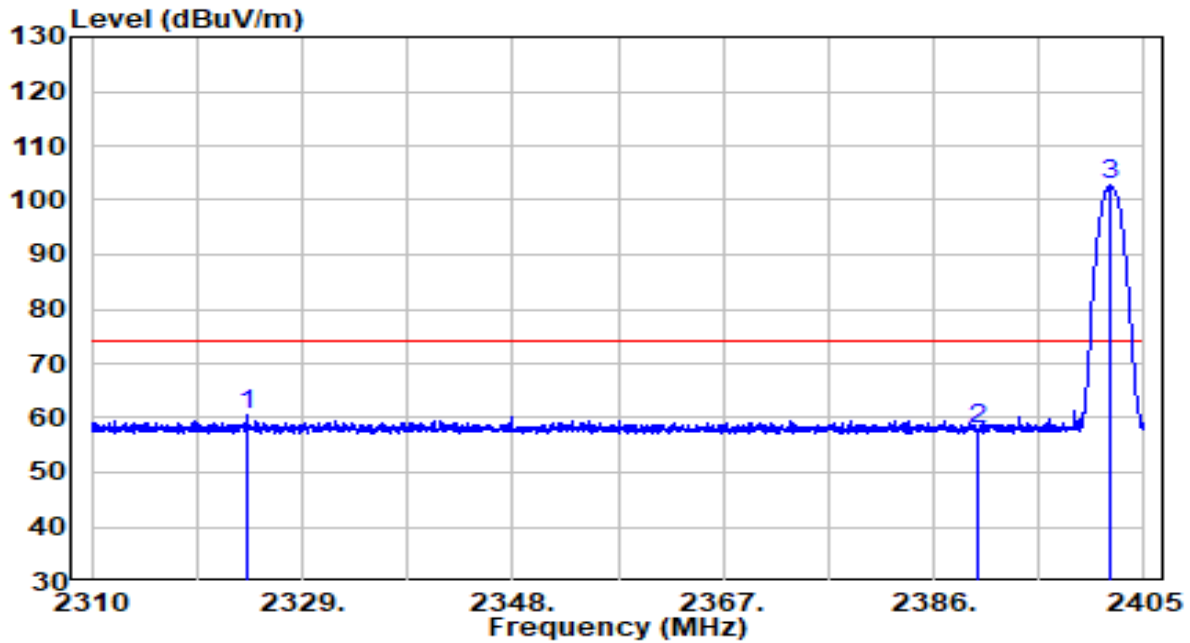


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.82	32.22	47.04	-6.96	54.00	Average
2	* 2402.055	58.19	32.27	90.46	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

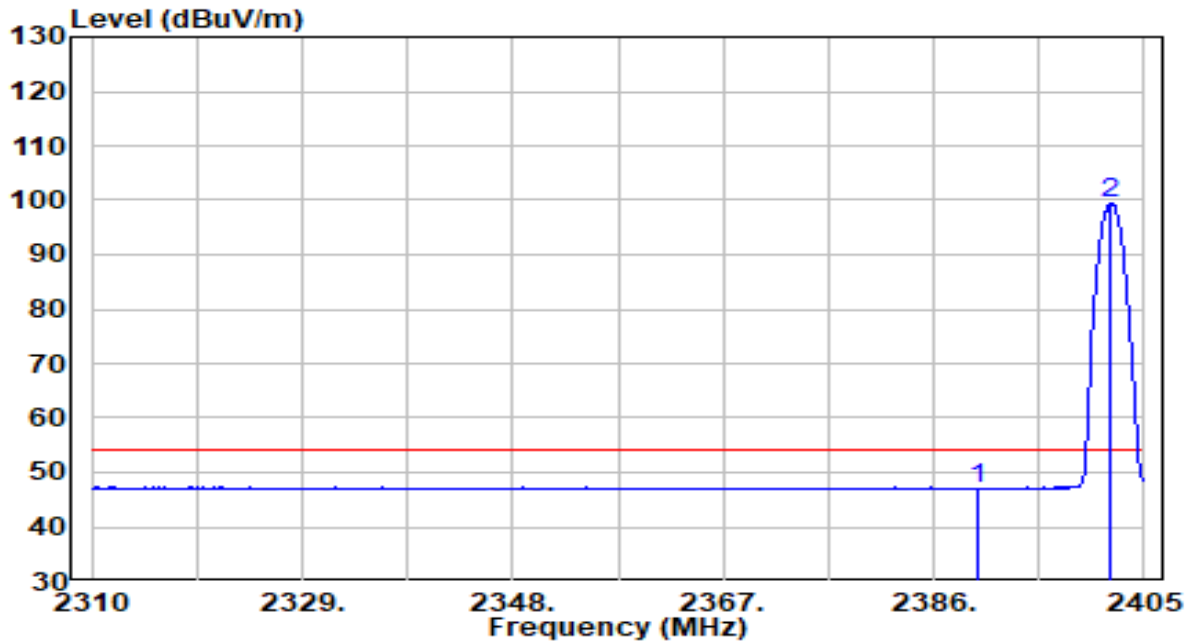


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2323.965	28.52	31.94	60.46	-13.54	74.00	Peak
2	2390.000	25.67	32.22	57.88	-16.12	74.00	Peak
3	* 2402.008	70.50	32.27	102.76	N/A	N/A	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

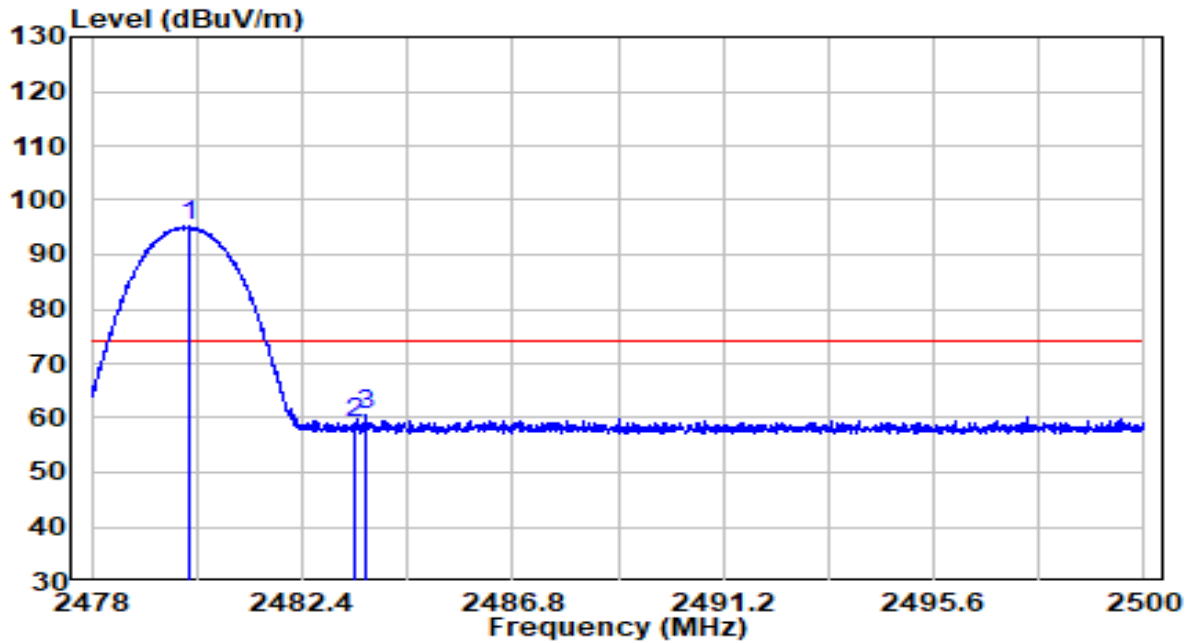


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	14.88	32.22	47.10	-6.90	54.00	Average
2	* 2401.960	67.29	32.27	99.56	N/A	N/A	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

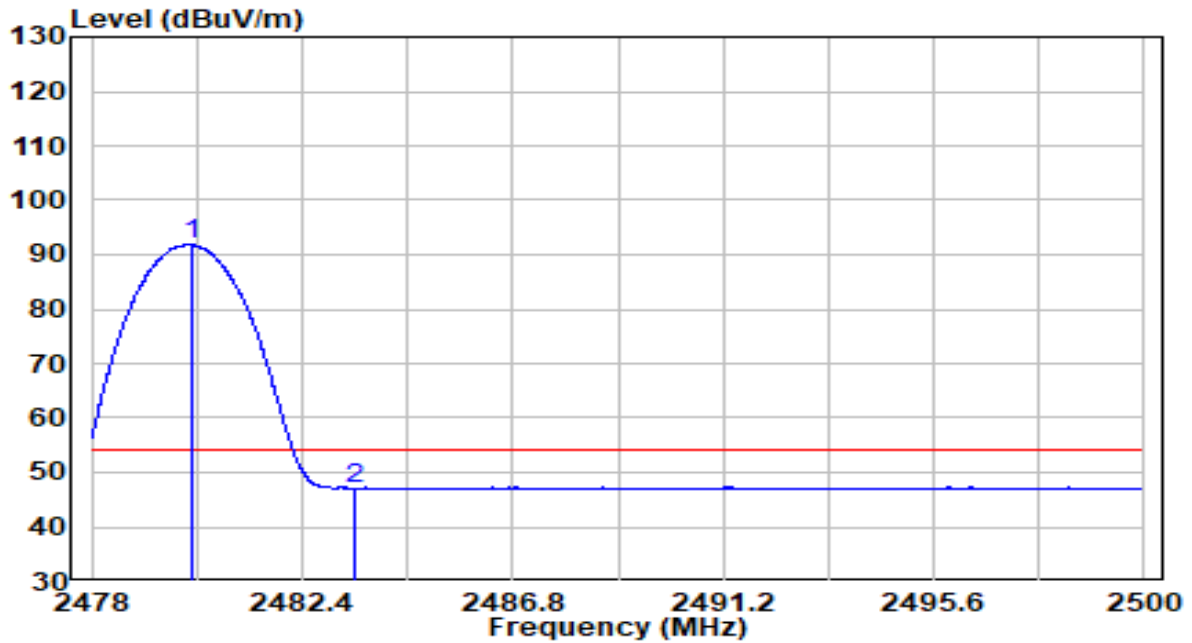


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.013	62.59	32.60	95.19	N/A	N/A	Peak
2		2483.500	26.35	32.61	58.96	-15.04	74.00	Peak
3		2483.753	27.95	32.61	60.56	-13.44	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

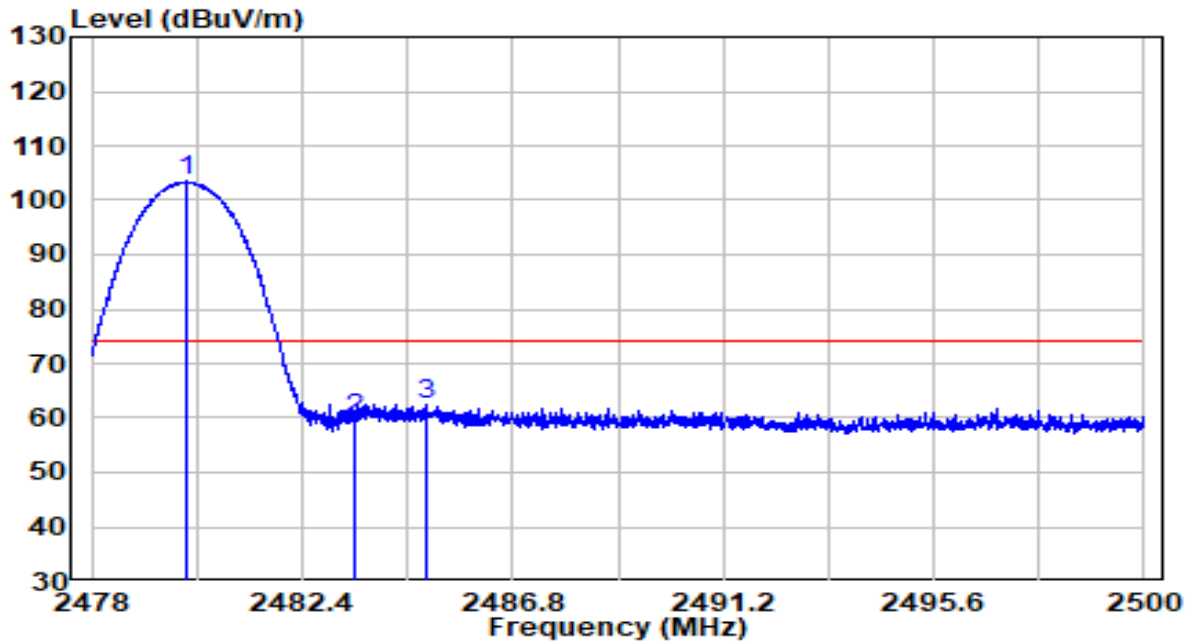


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.079	59.21	32.60	91.80	N/A	N/A	Average
2		2483.500	14.47	32.61	47.08	-6.92	54.00	Average

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz

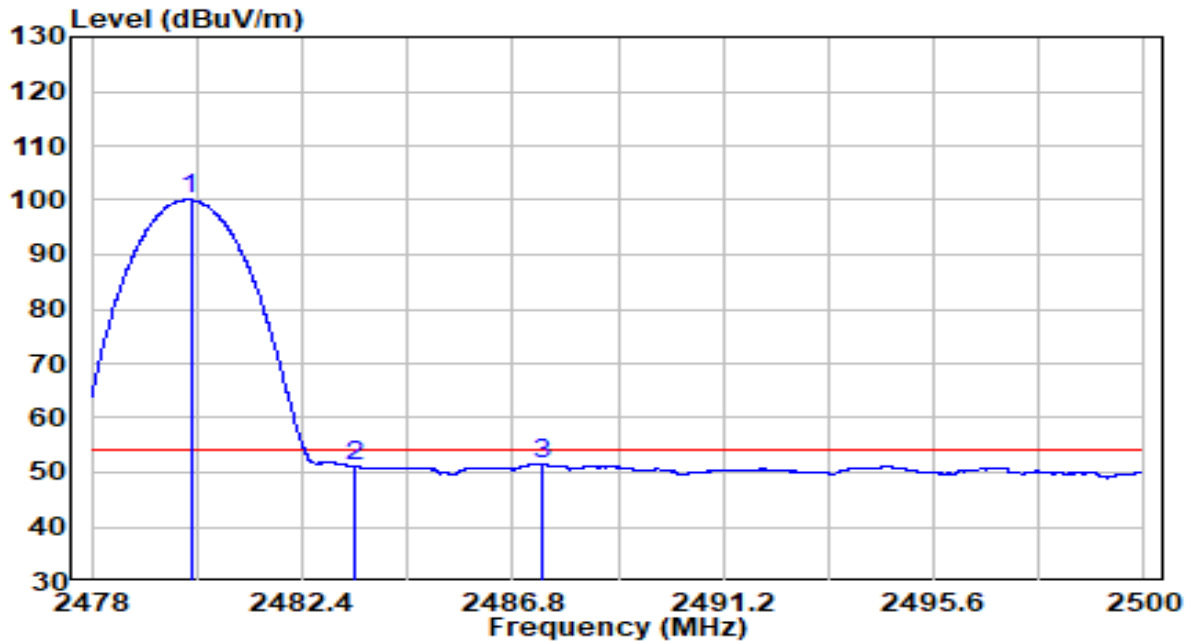


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2479.958	70.83	32.60	103.43	N/A	N/A	Peak
2		2483.500	27.05	32.61	59.66	-14.34	74.00	Peak
3		2484.974	29.95	32.62	62.56	-11.44	74.00	Peak

Note:

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

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-08-18
Factor	BBHA 9120D	Temp. / Humidity	25.4°C/52.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 3DH5 at Channel 2480MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2480.068	67.50	32.60	100.09	N/A	N/A	Average
2		2483.500	18.61	32.61	51.22	-2.78	54.00	Average
3		2487.438	18.88	32.63	51.51	-2.49	54.00	Average

Note:

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

7.11. AC Conducted Emissions Measurement

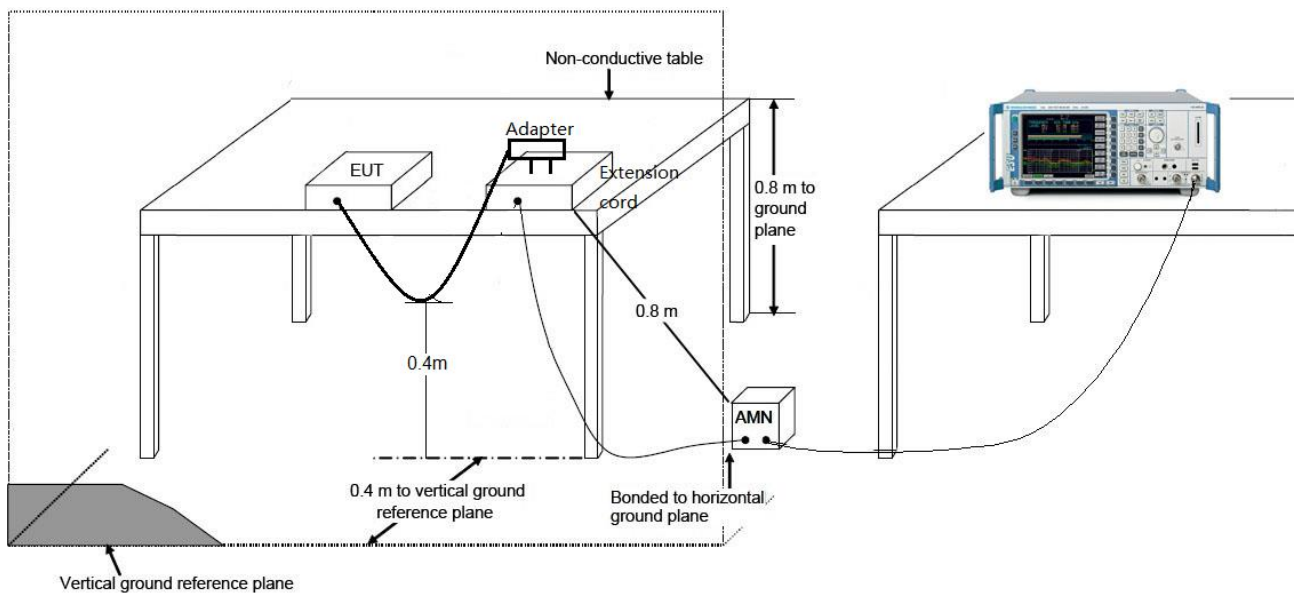
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

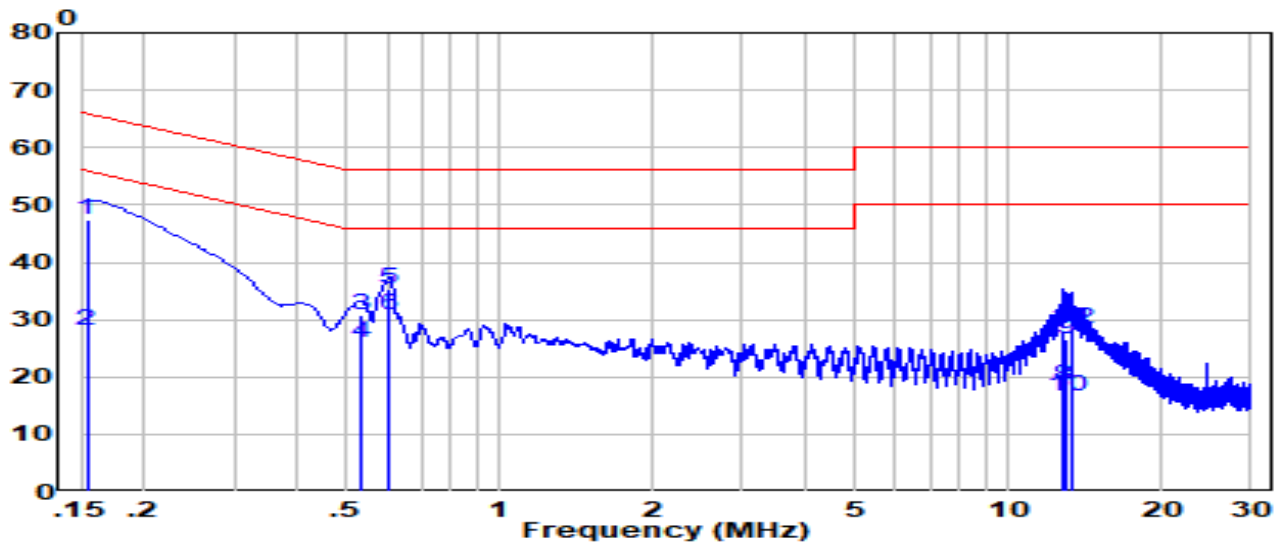
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3. Test Result

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-07-19
Factor	CE_ENV216-L1	Temp. / Humidity	22.2°C /62.3%
Polarity	Line1	Site / Test Engineer	SR2 / Eric
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz

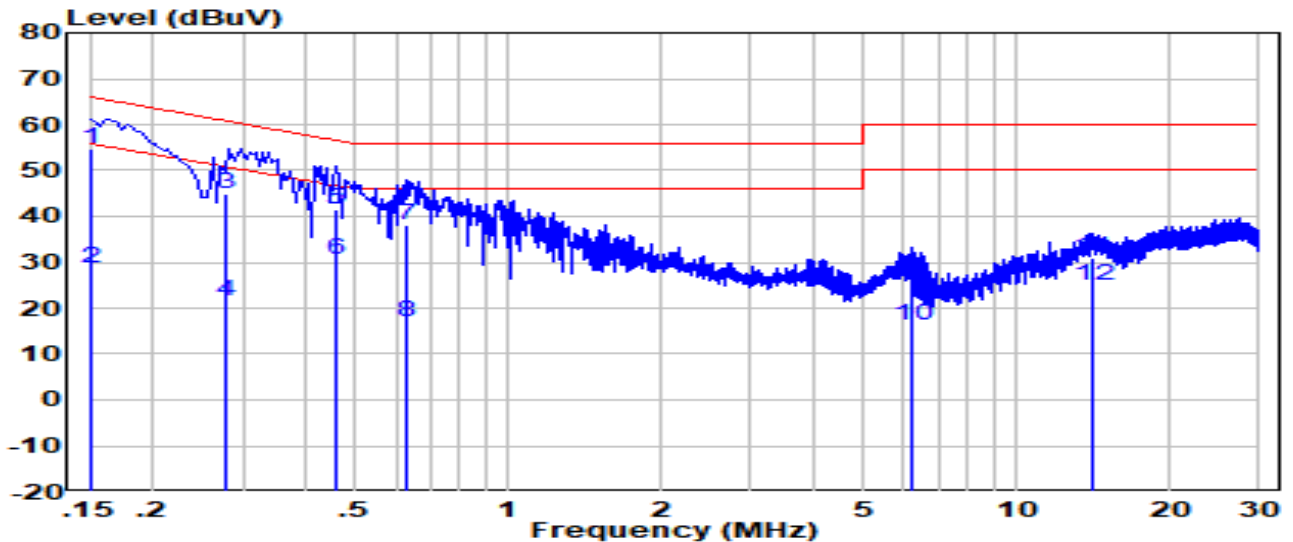


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.158	44.66	9.58	54.24	-11.35	65.59	QP
2		0.158	17.86	9.58	27.44	-38.15	65.59	Average
3		0.279	34.88	9.58	44.46	-16.39	60.85	QP
4		0.279	10.08	9.58	19.66	-41.19	60.85	Average
5		0.447	31.09	9.58	40.68	-16.25	56.93	QP
6		0.447	16.89	9.58	26.48	-30.45	56.93	Average
7		5.506	12.95	9.62	22.58	-37.42	60.00	QP
8		5.506	6.05	9.62	15.68	-44.32	60.00	Average
9		12.940	18.01	9.67	27.68	-32.32	60.00	QP
10		12.940	12.11	9.67	21.78	-38.22	60.00	Average
11		27.270	23.84	9.69	33.53	-26.47	60.00	QP
12		27.270	17.74	9.69	27.43	-32.57	60.00	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/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX11000 Tri-Band Wi-Fi 6 Gaming Router	Date of Test	2021-07-19
Factor	CE_ENV216-N	Temp. / Humidity	22.2°C /62.3%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric
Test Mode	Transmit by DH5 at Channel 2402MHz	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.151	45.15	9.59	54.74	-11.21	65.96	QP
2		0.151	18.95	9.59	28.54	-37.41	65.96	Average
3		0.279	35.48	9.58	45.06	-15.80	60.86	QP
4		0.279	11.88	9.58	21.46	-39.40	60.86	Average
5		0.455	31.90	9.58	41.48	-15.30	56.78	QP
6		0.455	21.10	9.58	30.68	-26.10	56.78	Average
7		0.631	28.71	9.59	38.30	-17.70	56.00	QP
8		0.631	7.41	9.59	17.00	-39.00	56.00	Average
9		6.224	16.48	9.64	26.13	-33.87	60.00	QP
10		6.224	6.58	9.64	16.23	-43.77	60.00	Average
11		14.070	21.33	9.71	31.04	-28.96	60.00	QP
12		14.070	15.13	9.71	24.84	-35.16	60.00	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/m) = Reading(dBuV) + C.F (Correction Factor).

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the unit is in compliance with Part 15C of the FCC rules.

_____ The End _____

Appendix A - Test Setup Photograph

Refer to “2105TW0003-Setup Photo” file.

Appendix B - External Photograph

Refer to “ 2105TW0003-External Photo” file.

Appendix C - Internal Photograph

Refer to “ 2105TW0003-Internal Photo” file.