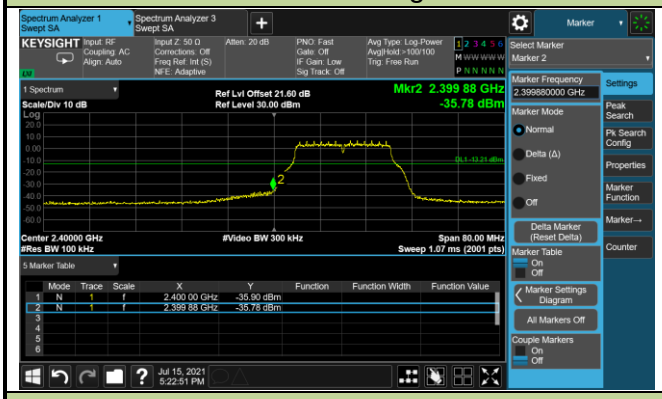
802.11g Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

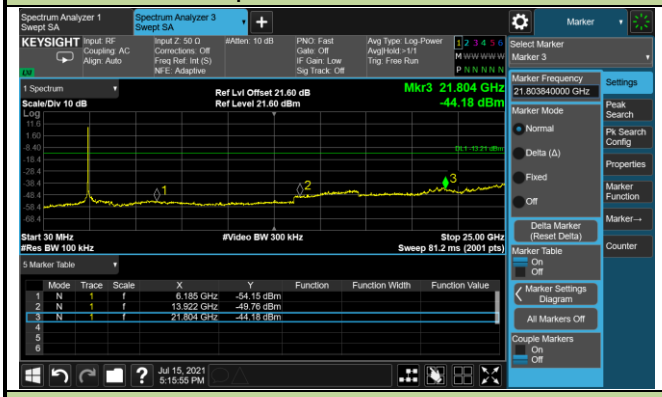
Low Band Edge



Spurious Emission

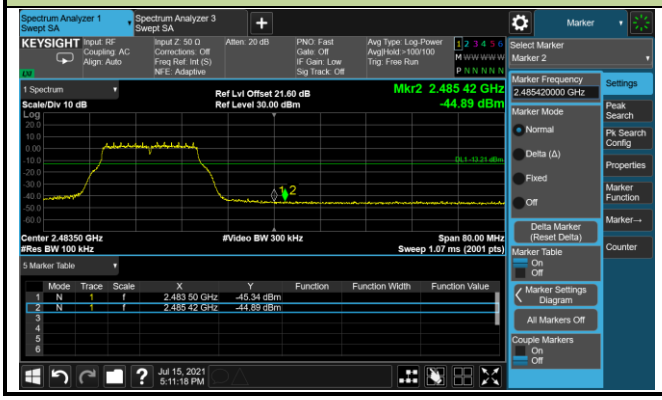
Channel 06 (2437MHz)

Spurious Emission

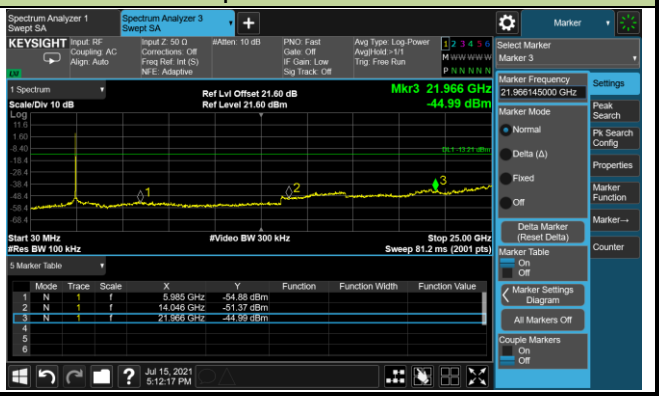


Channel 11 (2462MHz)

High Band Edge



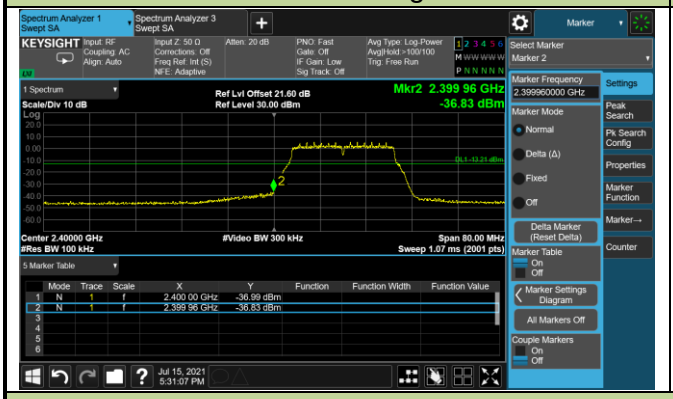
Spurious Emission



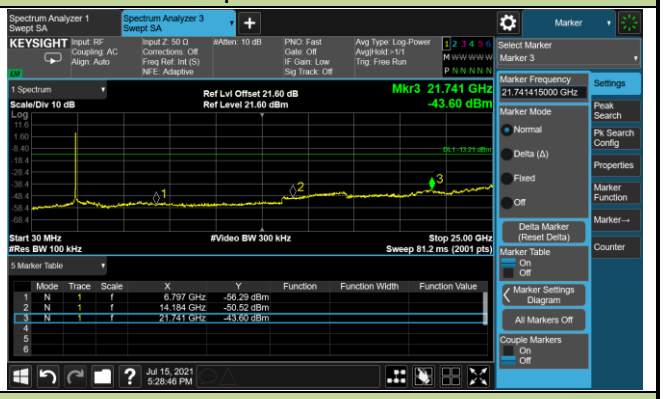
802.11n-HT20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

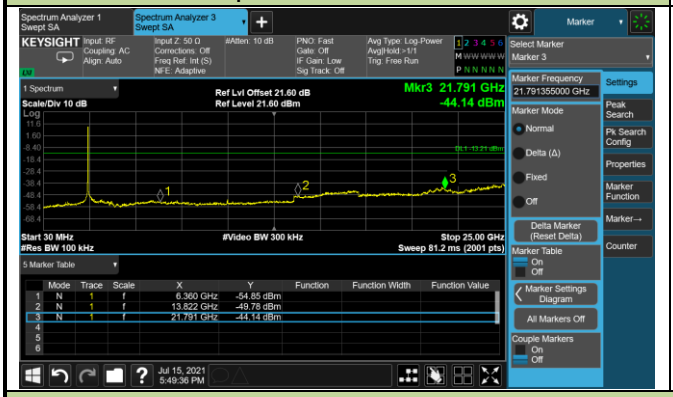


Spurious Emission



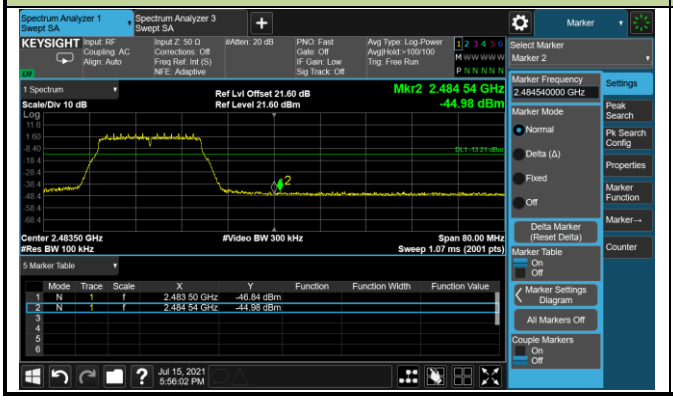
Channel 06 (2437MHz)

Spurious Emission

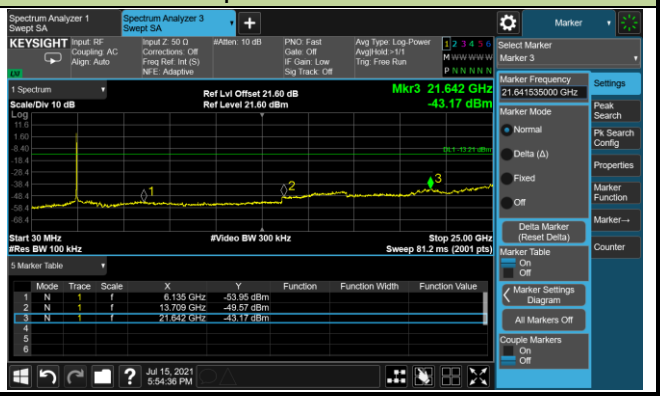


Channel 11 (2462MHz)

High Band Edge



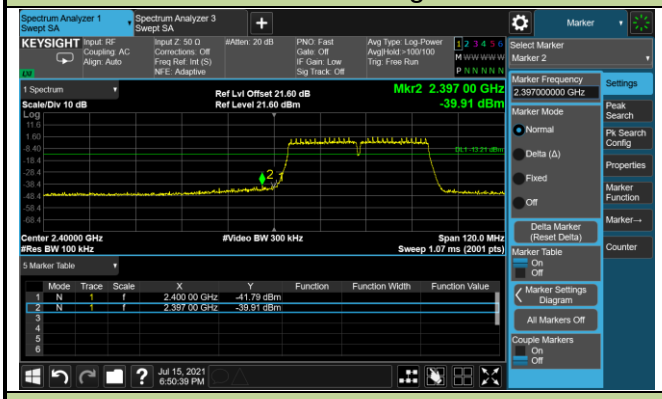
Spurious Emission



802.11n-HT40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge



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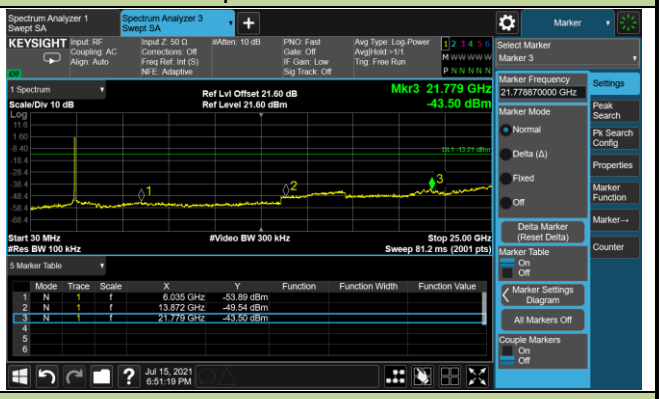
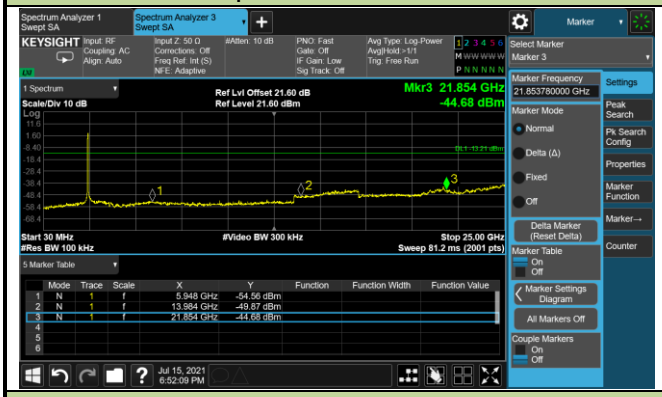


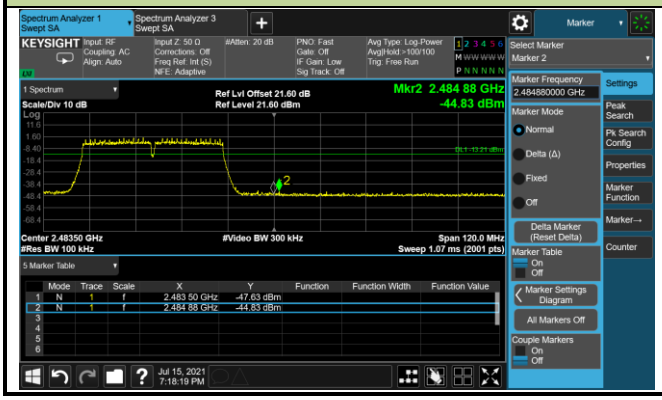
Channel 06 (2437MHz)

Spurious Emission

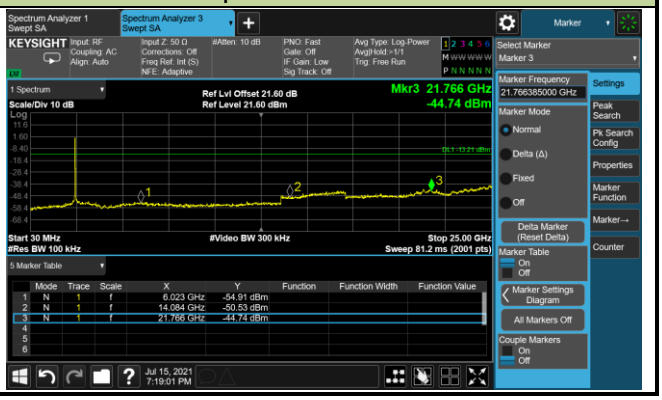


Channel 09 (2452MHz)

High Band Edge



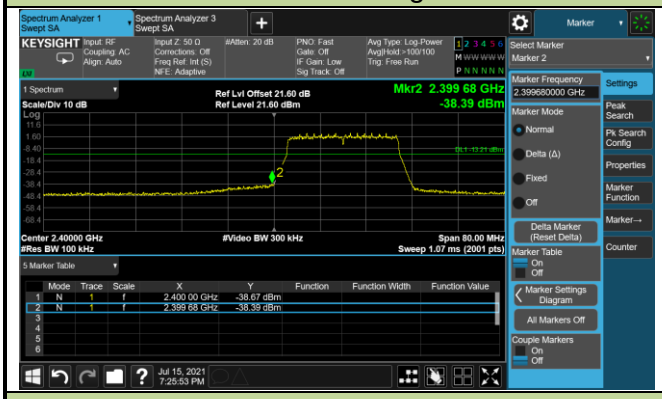
Spurious Emission



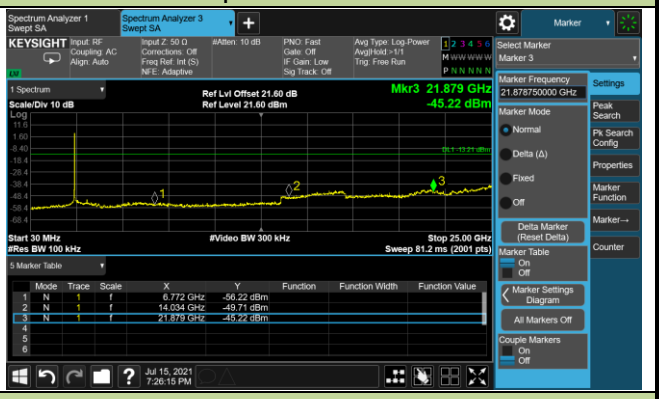
802.11ax-HE20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

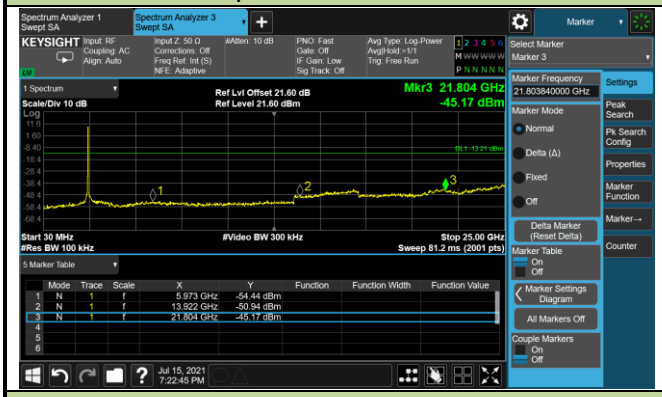


Spurious Emission



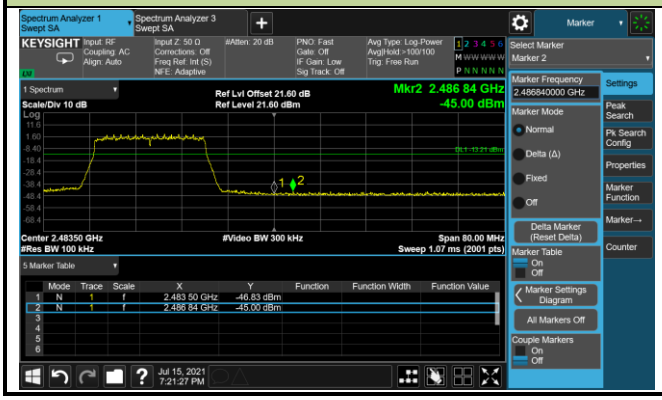
Channel 06 (2437MHz)

Spurious Emission

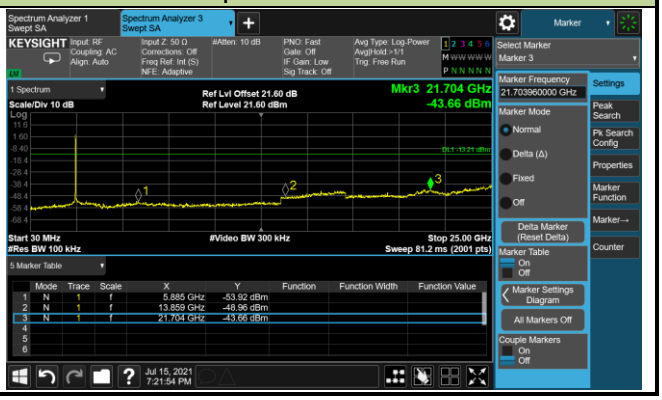


Channel 11 (2462MHz)

High Band Edge



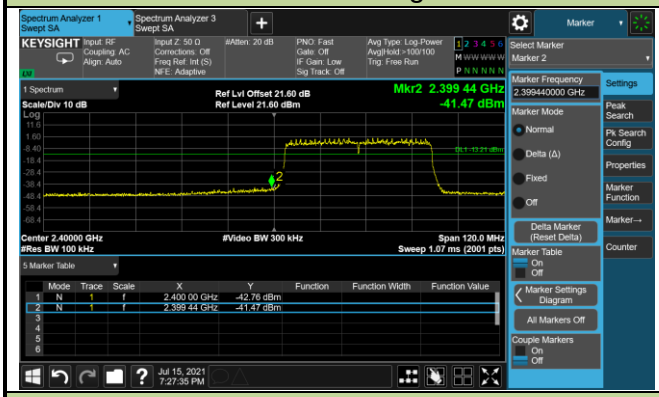
Spurious Emission



802.11ax-HE40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

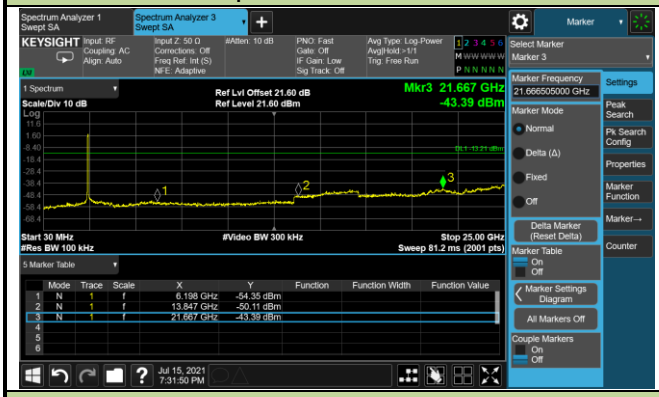
Low Band Edge



Spurious Emission

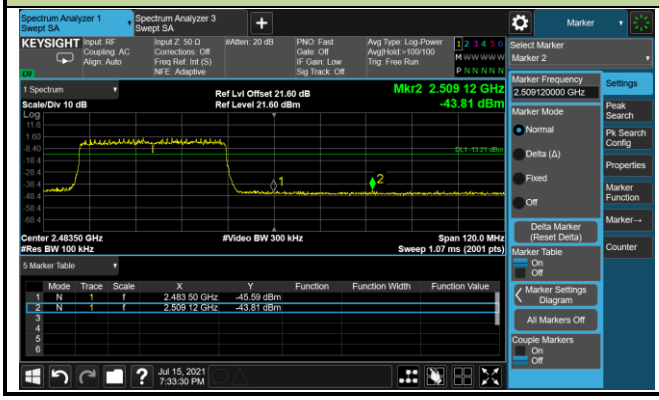
Channel 06 (2437MHz)

Spurious Emission

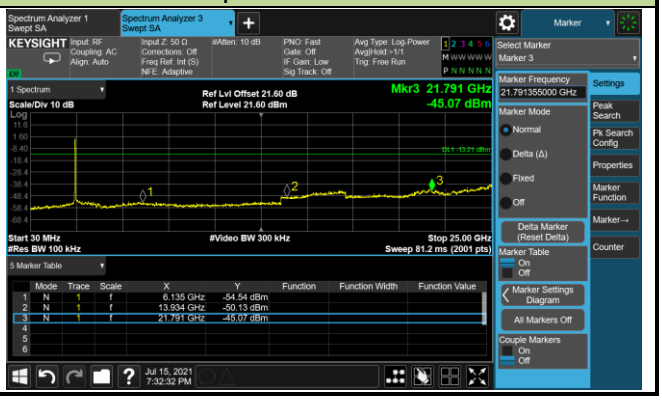


Channel 09 (2452MHz)

High Band Edge



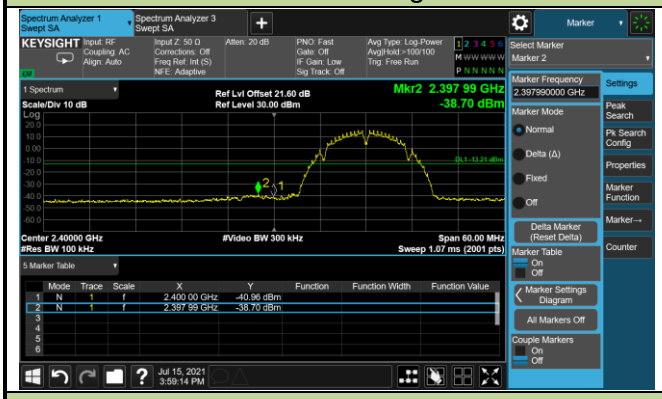
Spurious Emission



802.11b Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

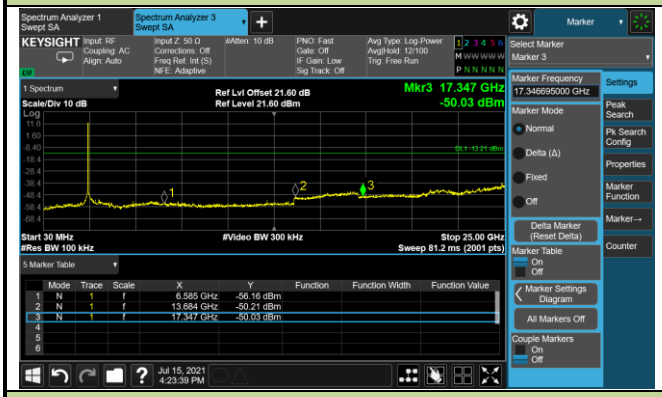
Low Band Edge



Spurious Emission

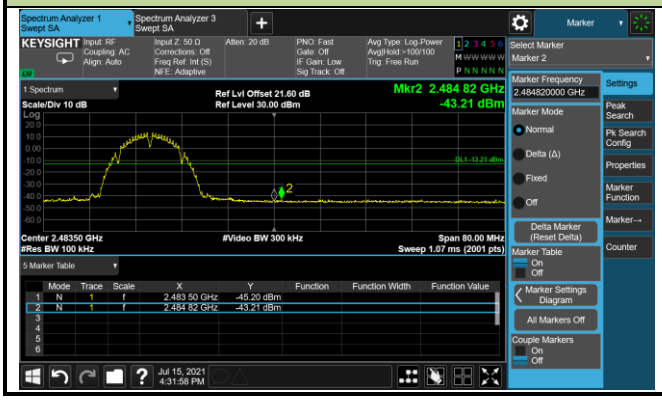
Channel 06 (2437MHz)

Spurious Emission

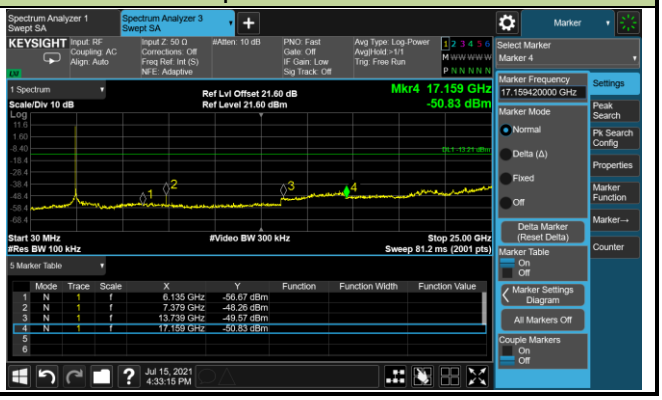


Channel 11 (2462MHz)

High Band Edge



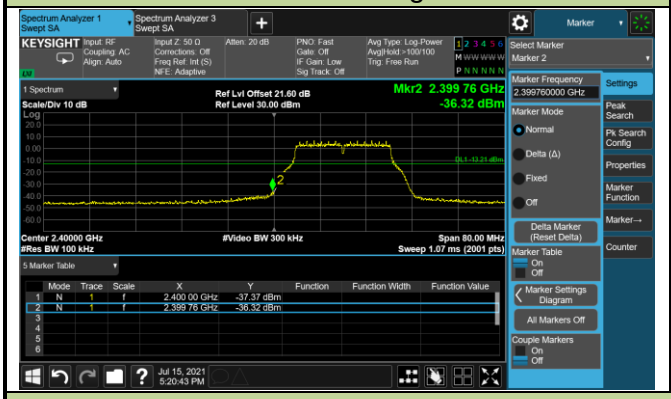
Spurious Emission



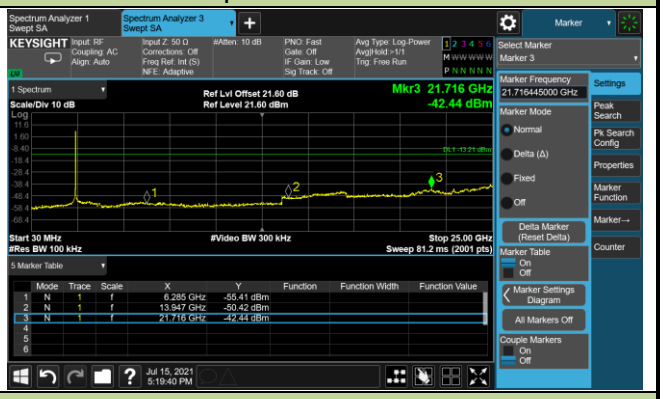
802.11g Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

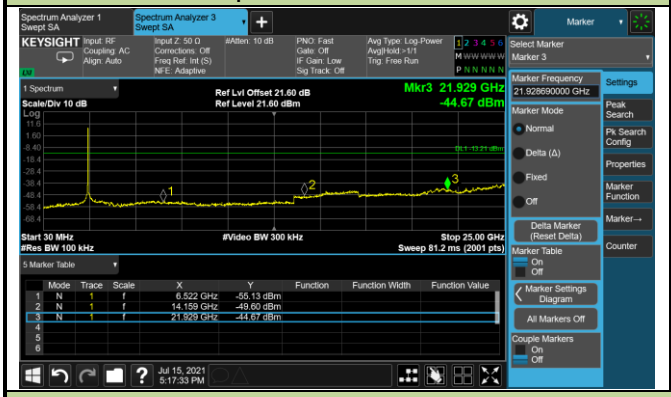


Spurious Emission



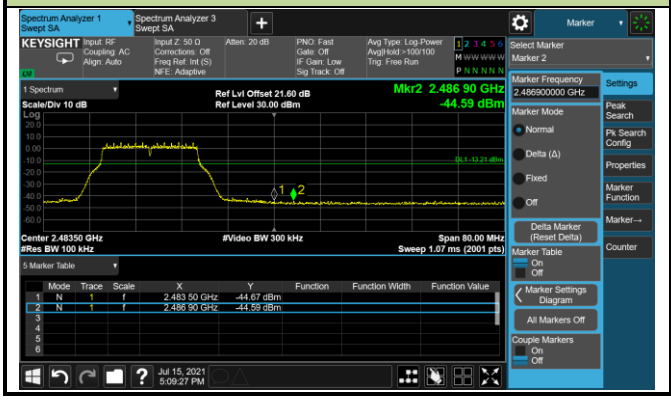
Channel 06 (2437MHz)

Spurious Emission

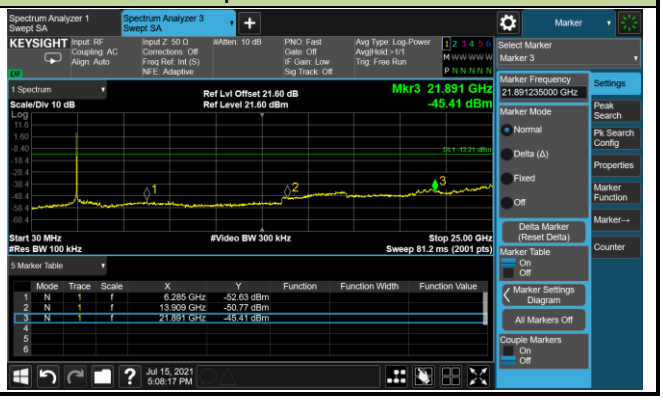


Channel 11 (2462MHz)

High Band Edge



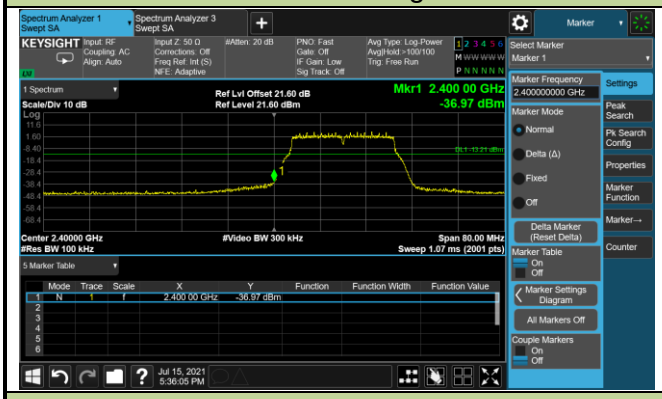
Spurious Emission



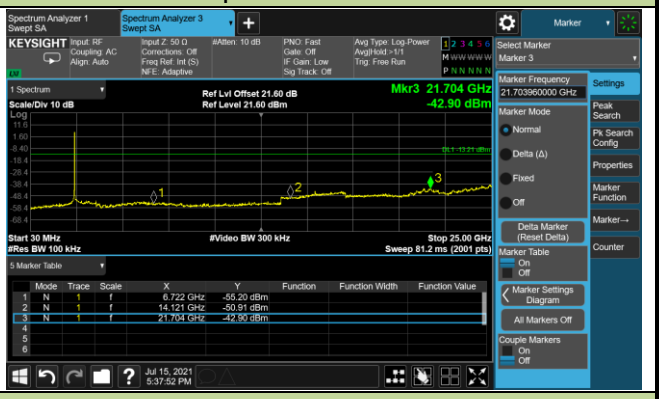
802.11n-HT20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

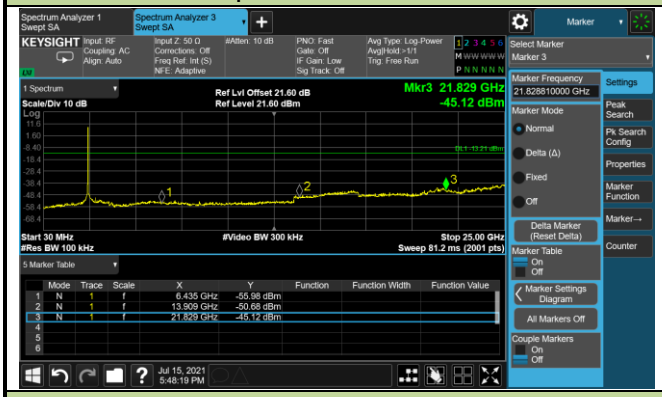


Spurious Emission



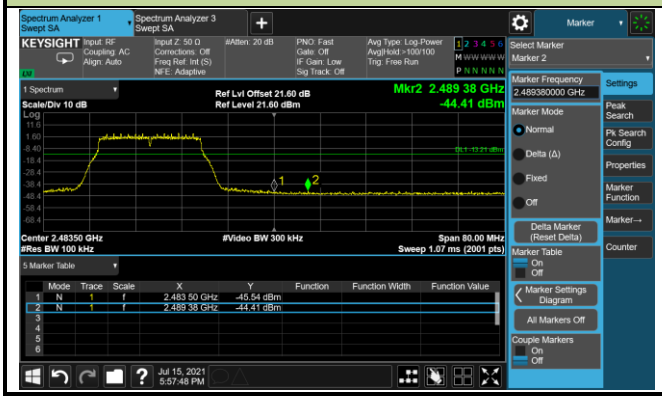
Channel 06 (2437MHz)

Spurious Emission

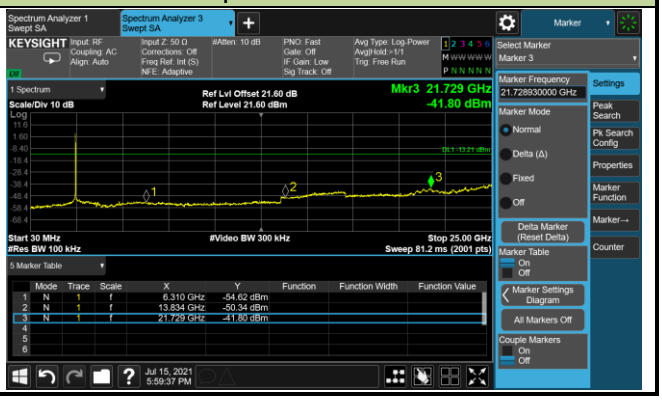


Channel 11 (2462MHz)

High Band Edge



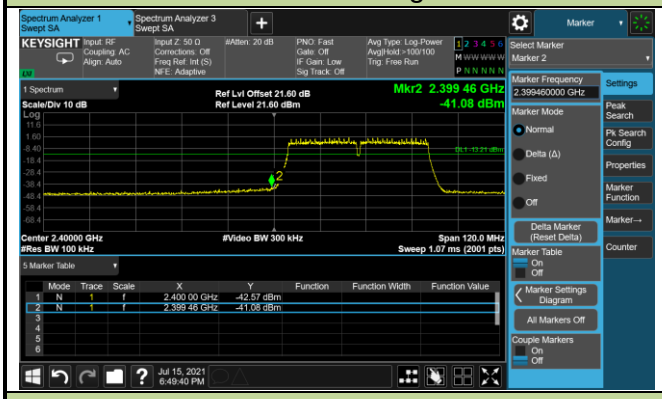
Spurious Emission



802.11n-HT40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)

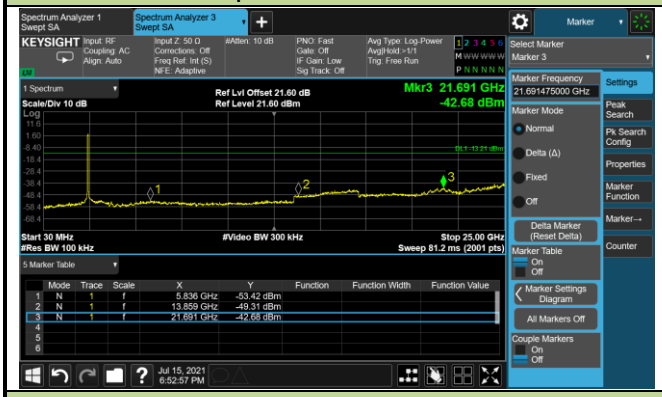
Low Band Edge



Spurious Emission

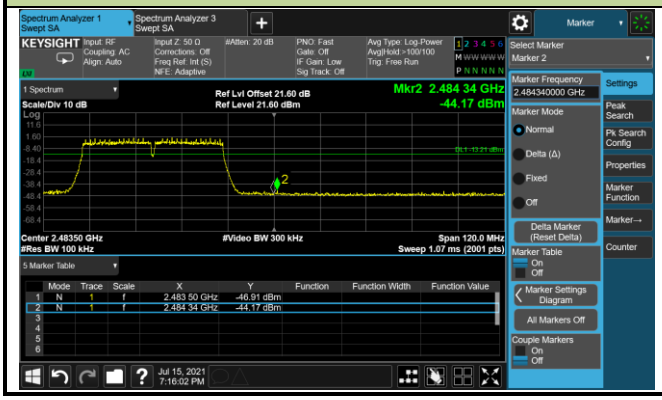
Channel 06 (2437MHz)

Spurious Emission



Channel 09 (2452MHz)

High Band Edge

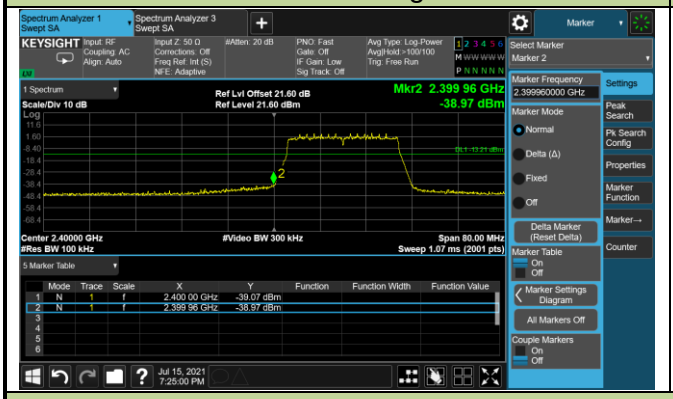


Spurious Emission

802.11ax-HE20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge



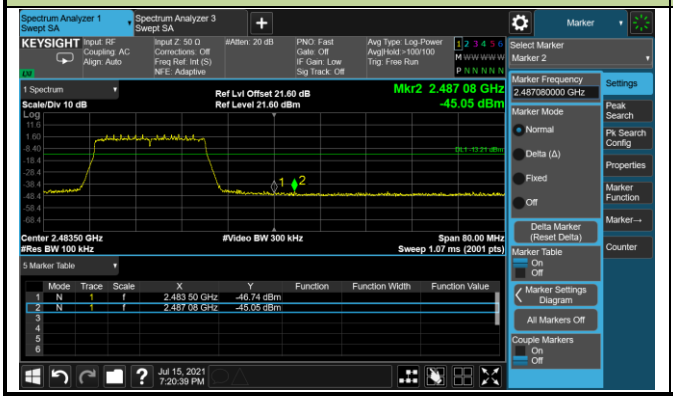
Spurious Emission

Channel 06 (2437MHz)

Spurious Emission

Channel 11 (2462MHz)

High Band Edge

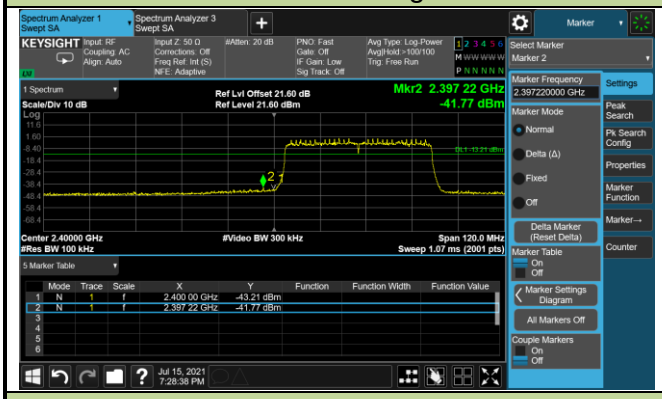


Spurious Emission

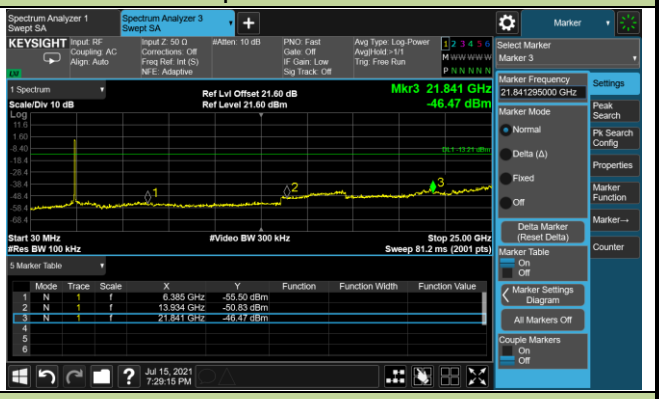
802.11ax-HE40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge

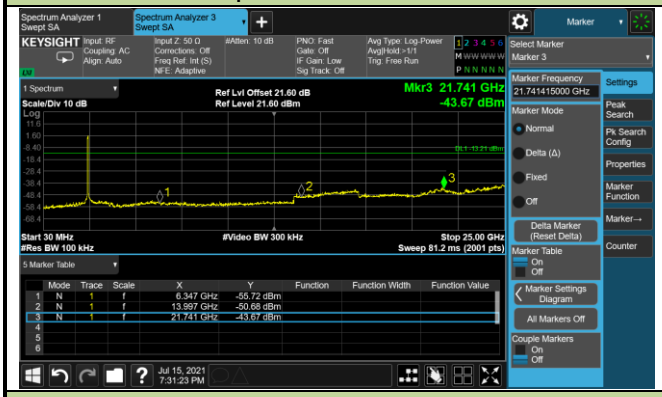


Spurious Emission



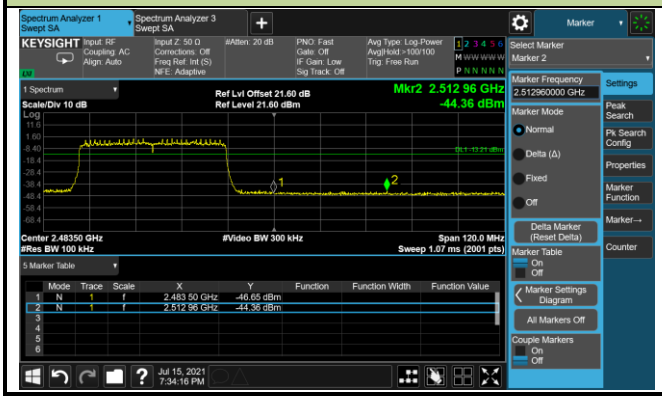
Channel 06 (2437MHz)

Spurious Emission

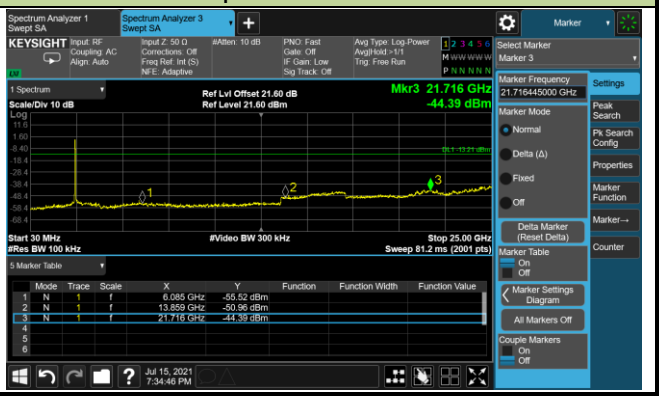


Channel 09 (2452MHz)

High Band Edge



Spurious Emission



7.6. Radiated Spurious Emission Measurement

7.6.1.Test Limit

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

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

7.6.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.6.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

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

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

4. Detector = Peak

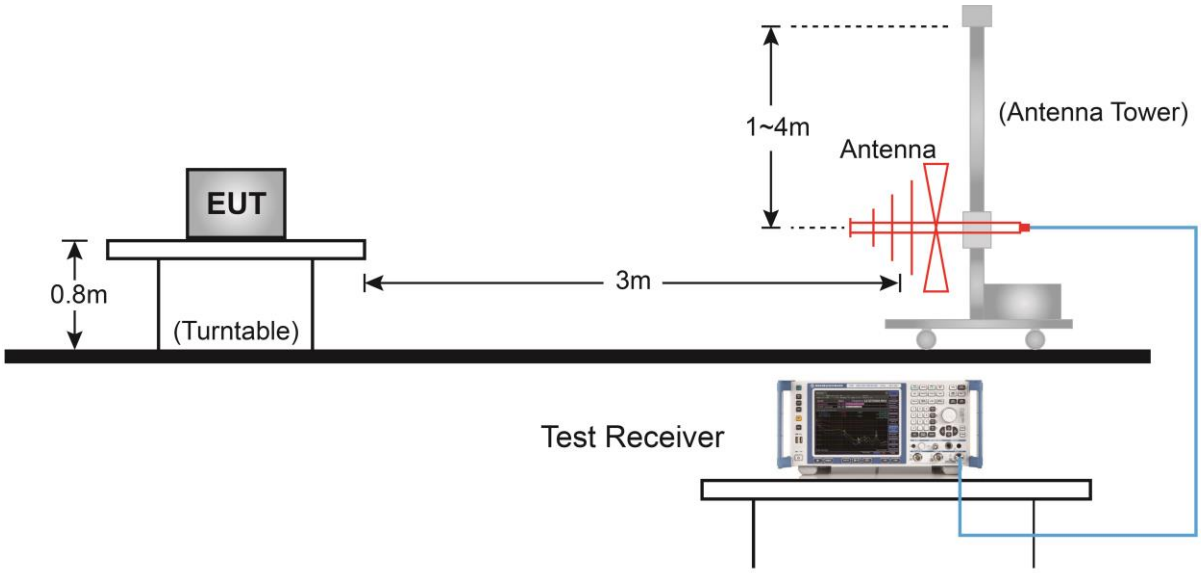
5. Sweep time = auto

6. Trace mode = max hold

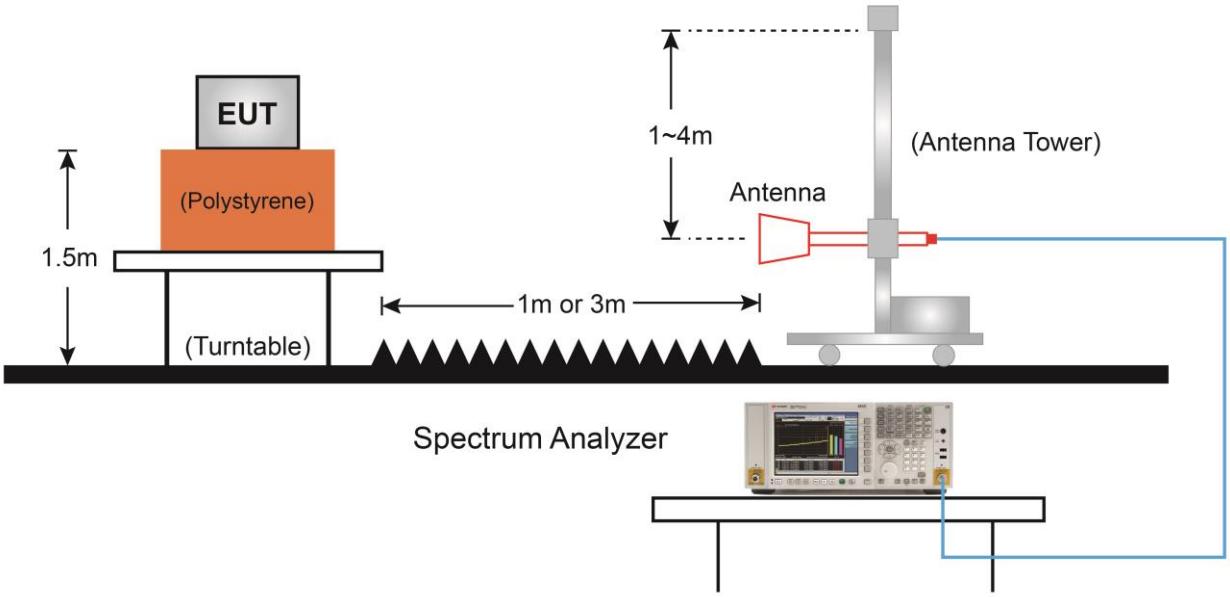
7. Trace was allowed to stabilize

7.6.4.Test Setup

Below 1GHz Test Setup:

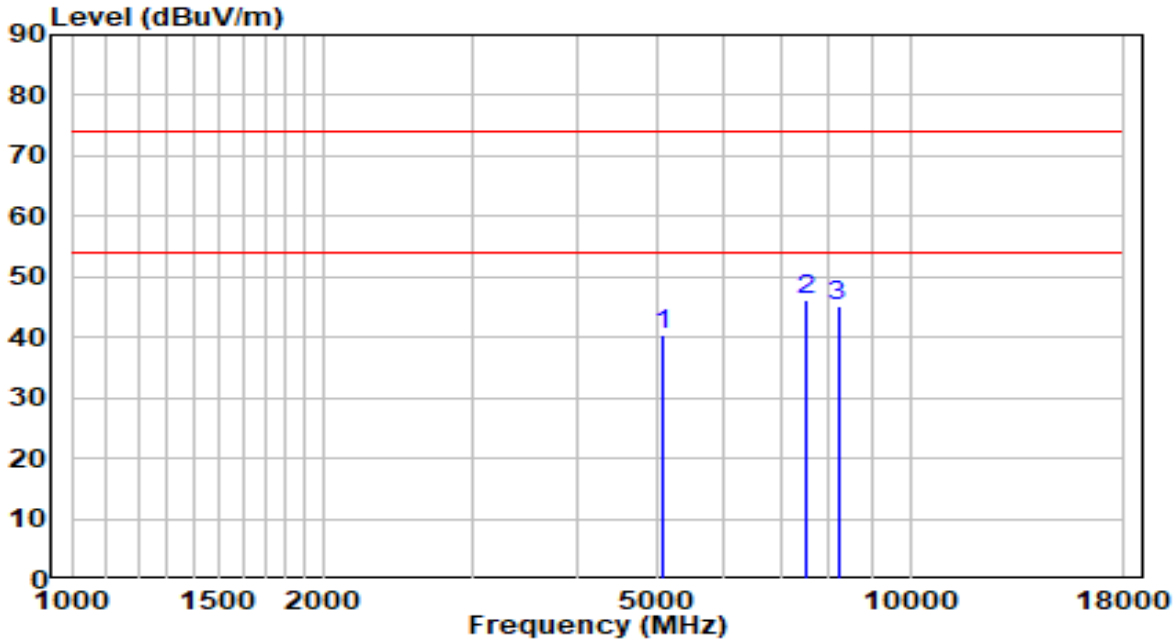


Above 1GHz Test Setup:



7.6.5.Test Result

EUT	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

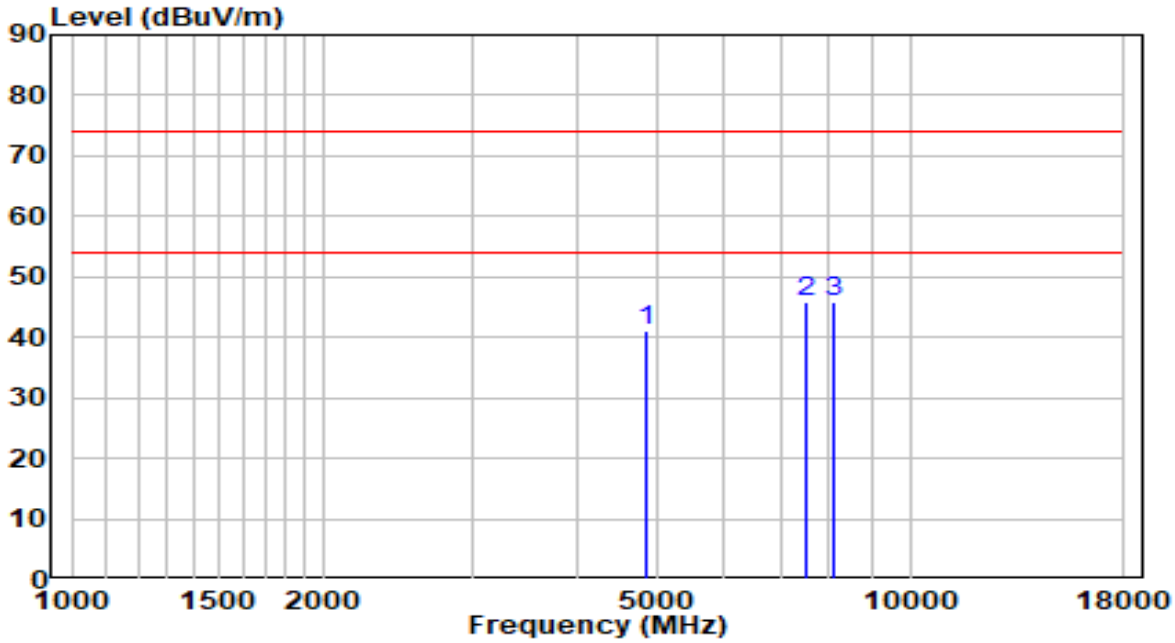


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5063.000	36.23	4.05	40.28	-33.72	74.00	Peak
2	*	7511.000	33.17	13.02	46.19	-27.81	74.00	Peak
3		8199.500	31.66	13.52	45.18	-28.82	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

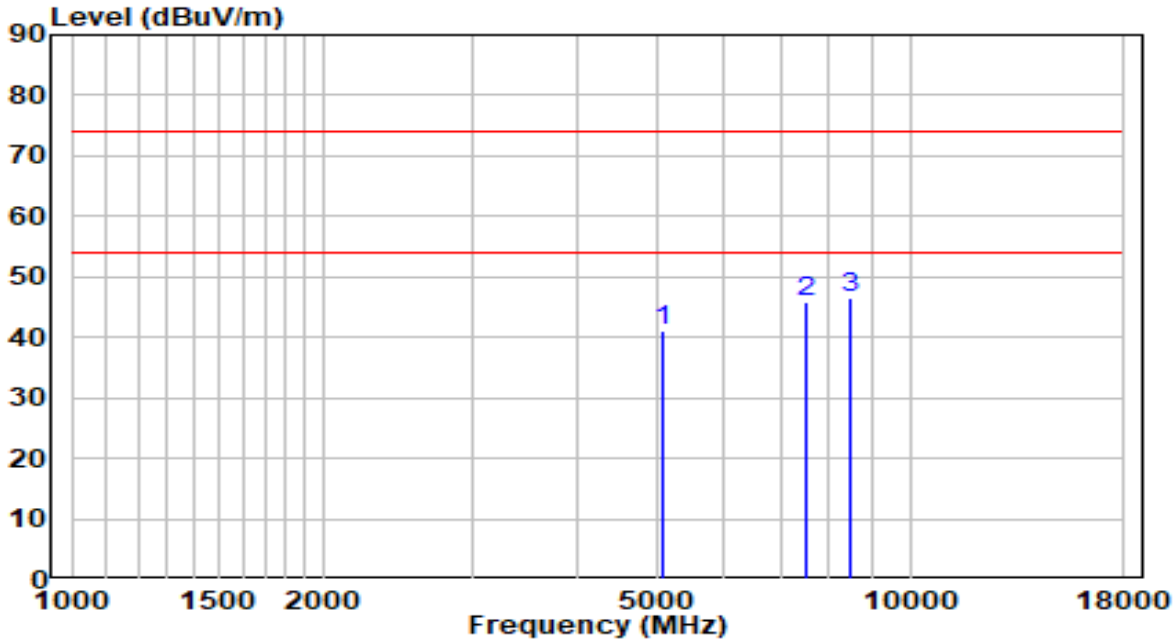


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	37.49	3.67	41.16	-32.84	74.00	Peak
2	*	7511.000	32.80	13.02	45.83	-28.17	74.00	Peak
3		8097.500	32.34	13.47	45.81	-28.19	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

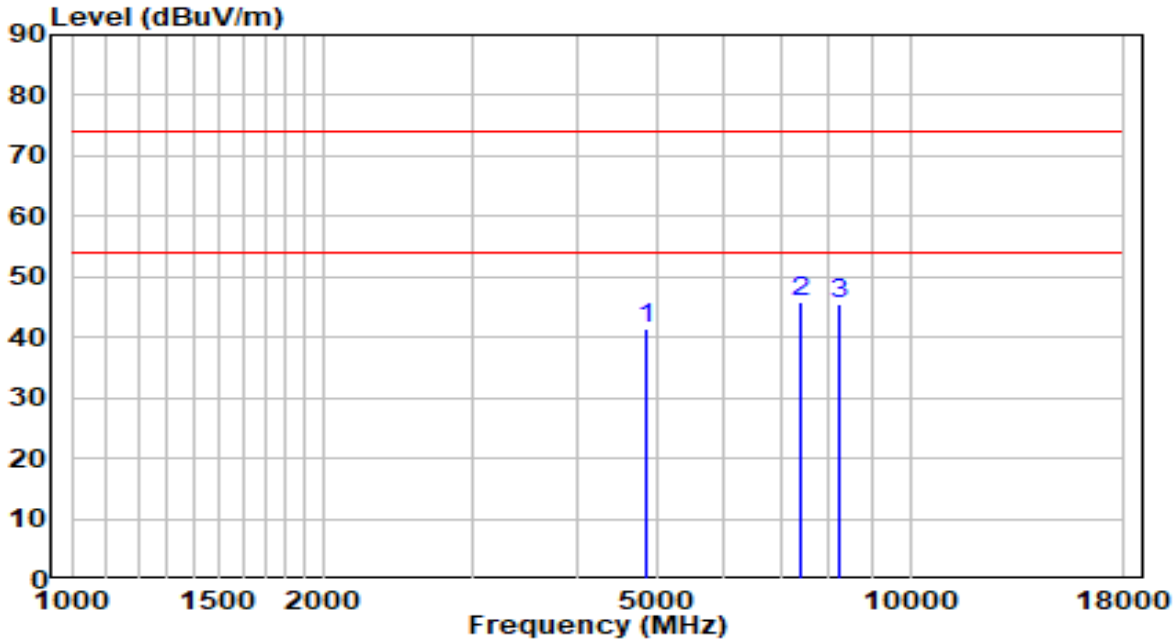


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5080.000	36.99	4.08	41.07	-32.93	74.00	Peak
2		7511.000	32.74	13.02	45.76	-28.24	74.00	Peak
3	*	8471.500	32.73	13.64	46.37	-27.63	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

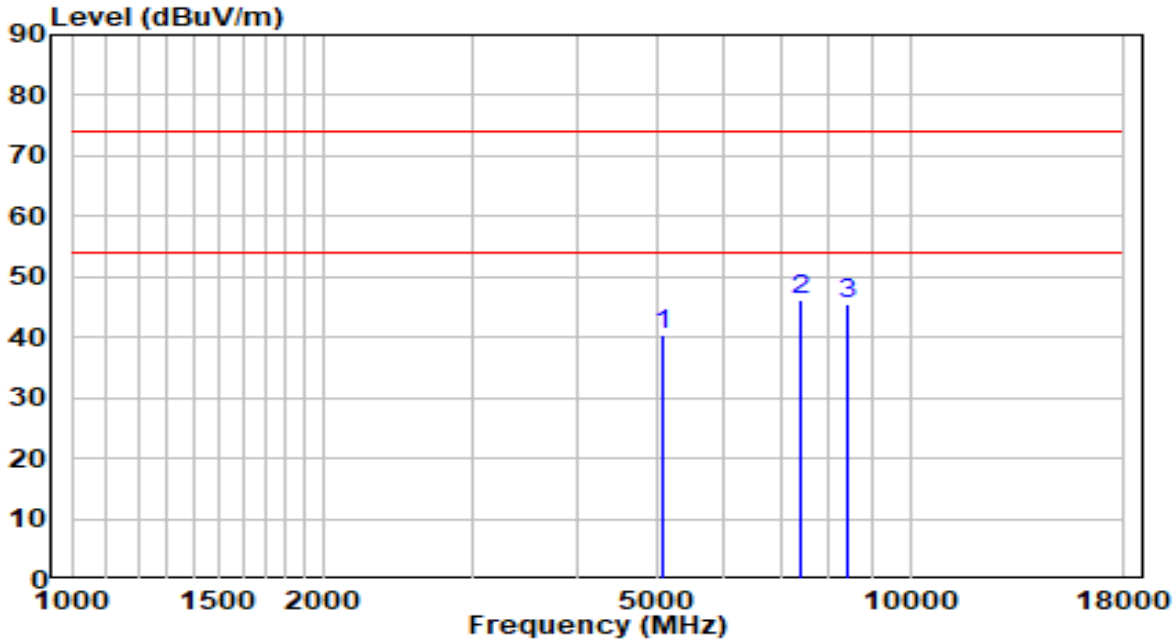


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	37.93	3.67	41.59	-32.41	74.00	Peak
2	*	7426.000	33.02	12.69	45.70	-28.30	74.00	Peak
3		8259.000	32.11	13.55	45.66	-28.34	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

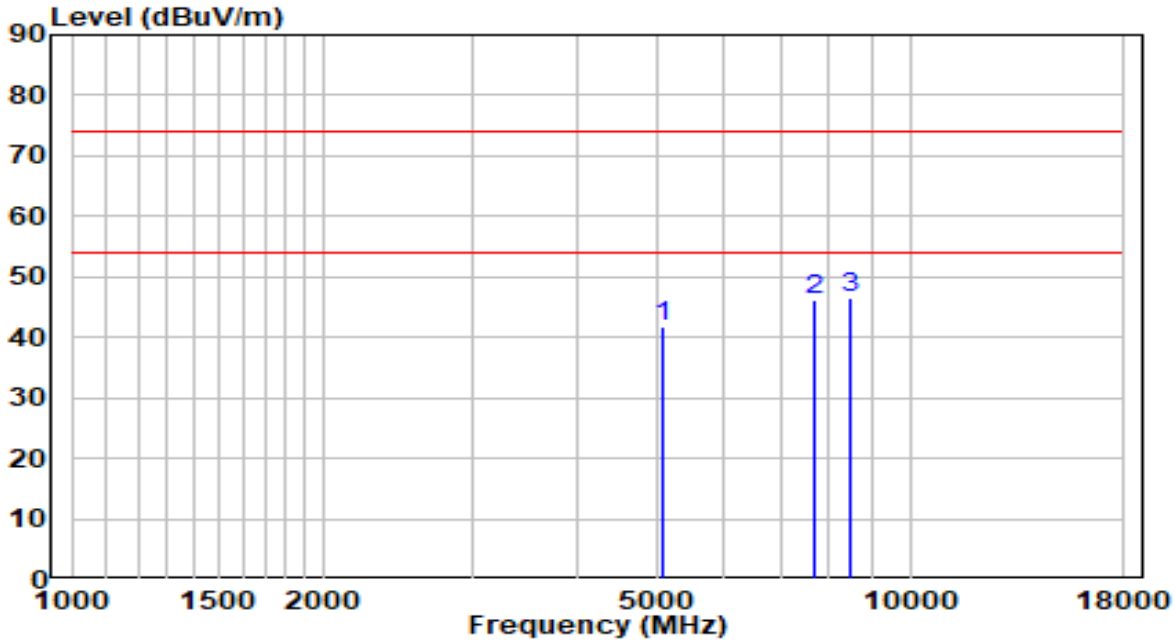


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5071.500	36.47	4.07	40.54	-33.46	74.00	Peak
2	*	7417.500	33.57	12.65	46.22	-27.78	74.00	Peak
3		8429.000	31.88	13.62	45.50	-28.50	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

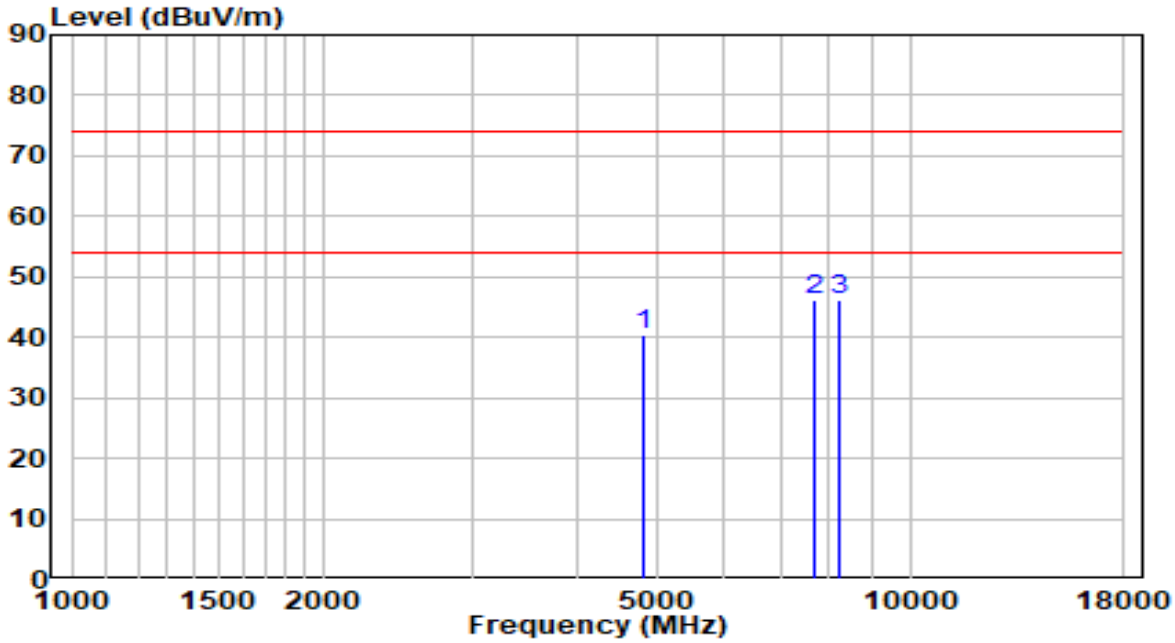


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5080.000	37.64	4.08	41.73	-32.27	74.00	Peak
2		7689.500	32.98	13.17	46.15	-27.85	74.00	Peak
3	*	8454.500	32.78	13.63	46.41	-27.59	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

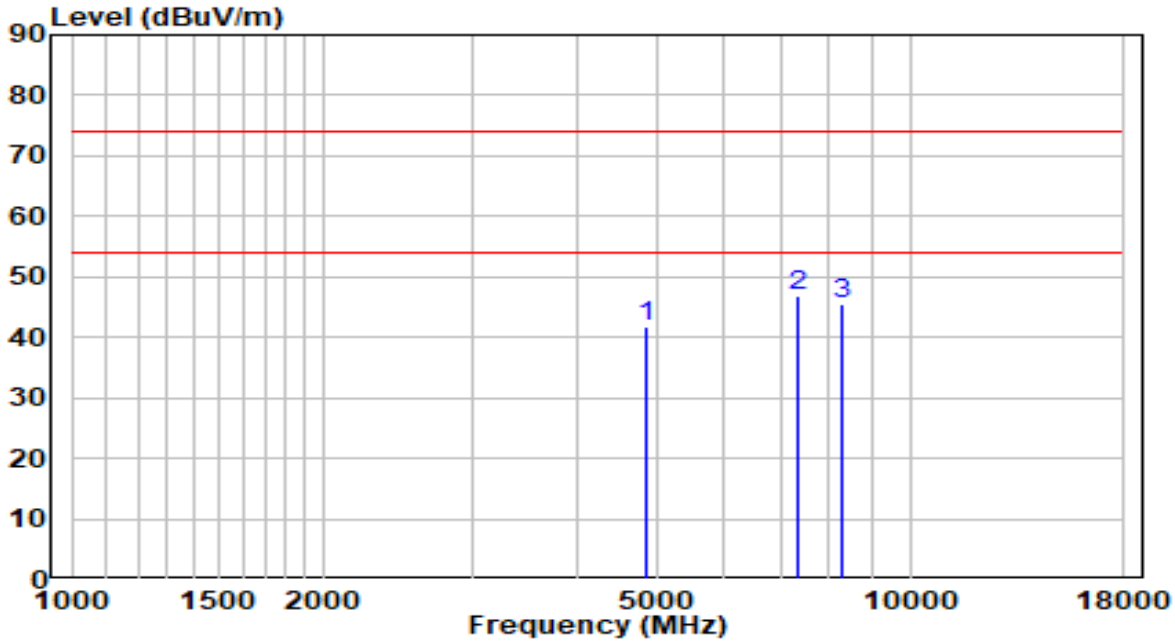


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4799.500	36.91	3.59	40.50	-33.51	74.00	Peak
2	*	7698.000	33.12	13.18	46.30	-27.70	74.00	Peak
3		8259.000	32.57	13.55	46.12	-27.88	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

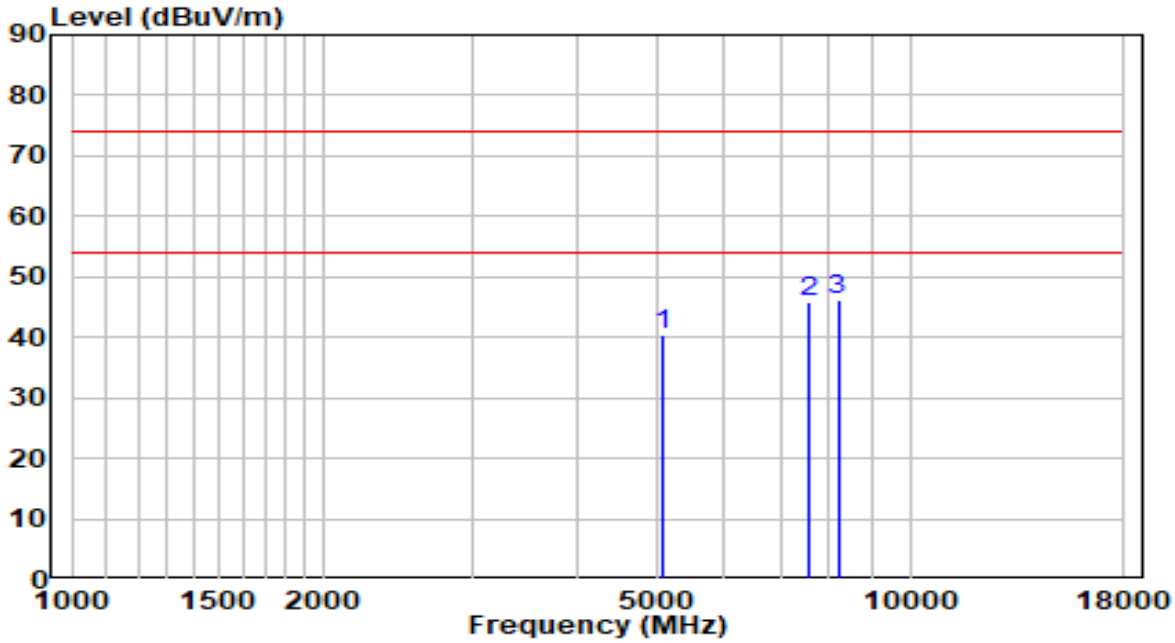


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.03	3.67	41.69	-32.31	74.00	Peak
2	*	7341.000	34.51	12.31	46.82	-27.18	74.00	Peak
3		8318.500	31.98	13.57	45.56	-28.44	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

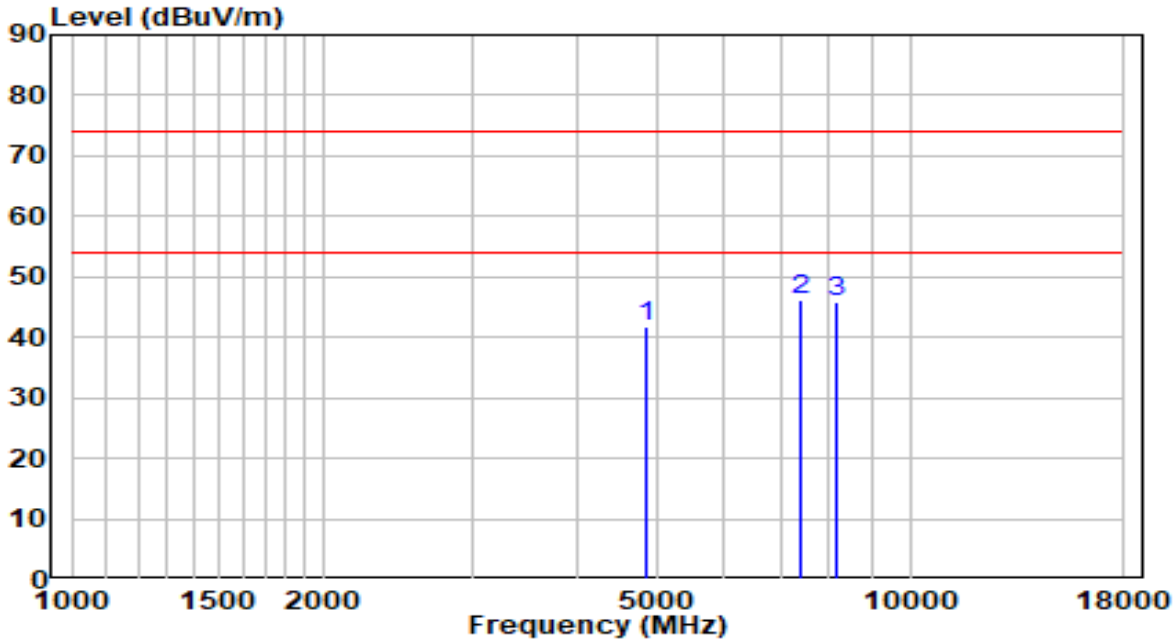


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5054.500	36.48	4.04	40.52	-33.48	74.00	Peak
2		7570.500	32.87	13.07	45.94	-28.06	74.00	Peak
3	*	8199.500	32.81	13.52	46.33	-27.67	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

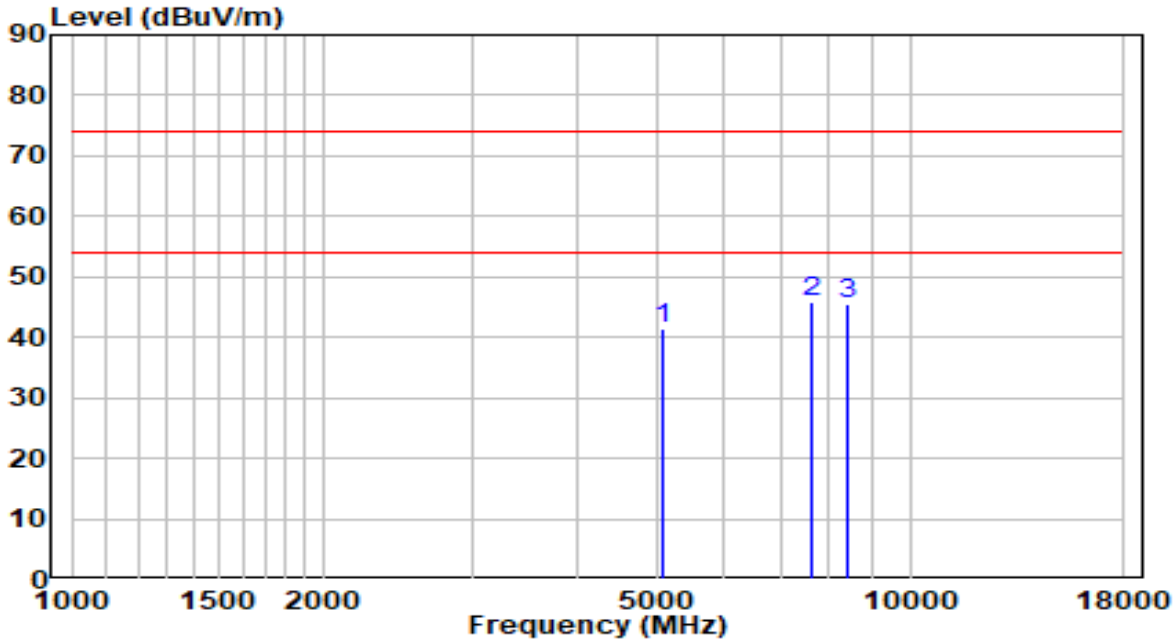


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.10	3.67	41.76	-32.24	74.00	Peak
2	*	7417.500	33.43	12.65	46.08	-27.92	74.00	Peak
3		8182.500	32.31	13.51	45.83	-28.17	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

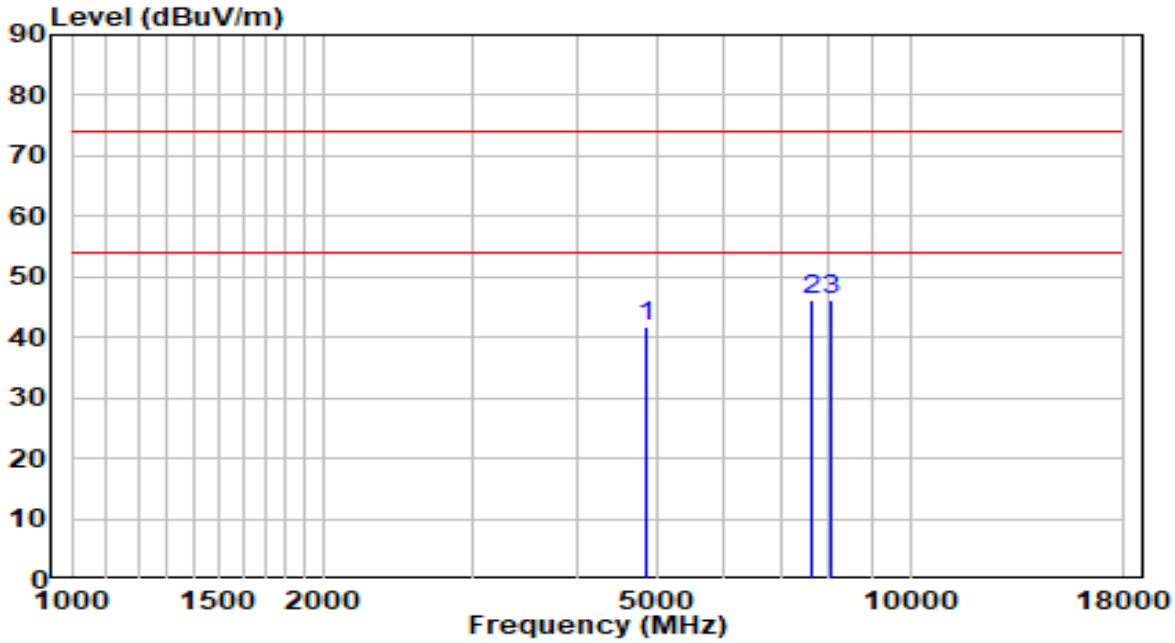


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5063.000	37.23	4.05	41.28	-32.72	74.00	Peak
2	*	7647.000	32.81	13.14	45.95	-28.05	74.00	Peak
3		8412.000	31.94	13.62	45.56	-28.44	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

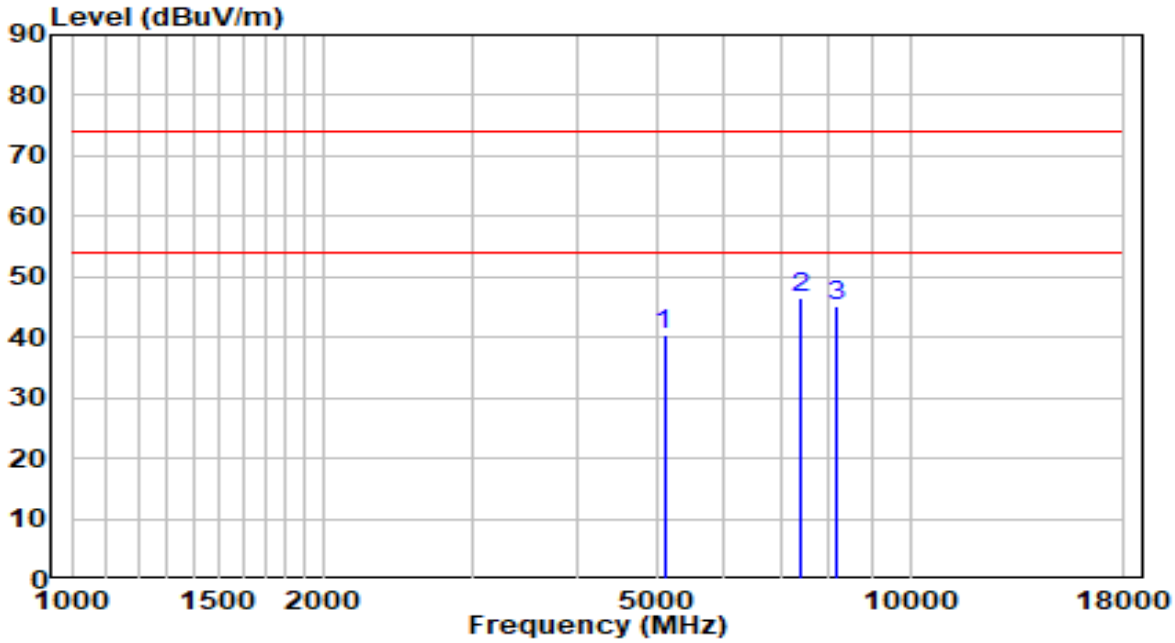


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.17	3.67	41.83	-32.17	74.00	Peak
2	*	7613.000	33.10	13.11	46.21	-27.79	74.00	Peak
3		8072.000	32.63	13.46	46.09	-27.91	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

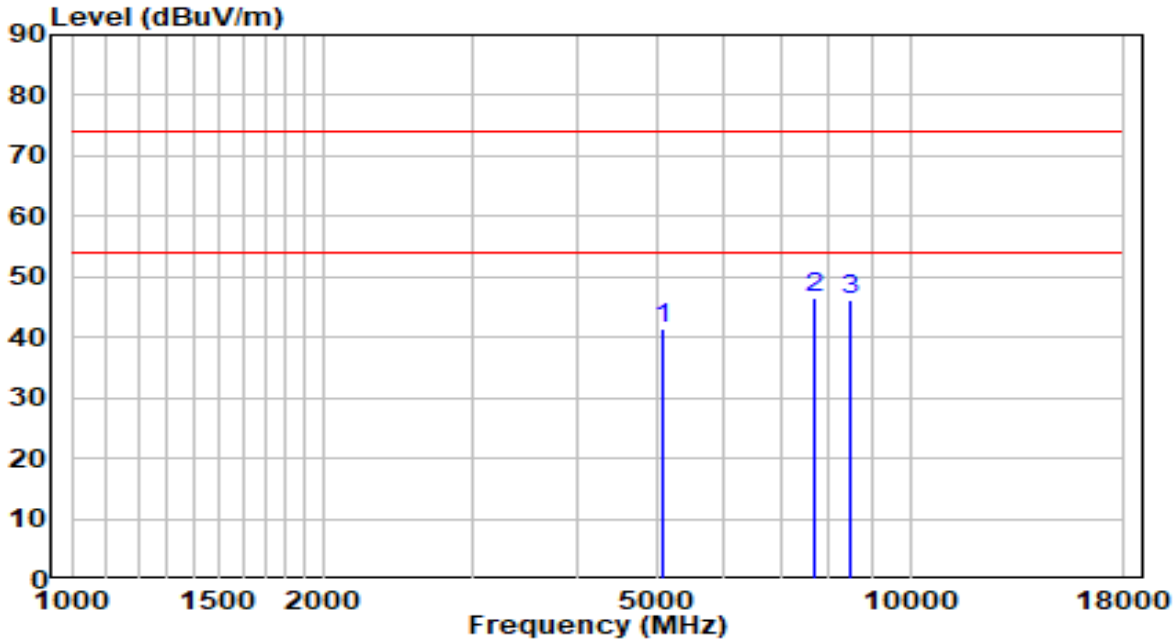


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5088.500	36.48	4.10	40.57	-33.43	74.00	Peak
2	*	7417.500	33.91	12.65	46.56	-27.44	74.00	Peak
3		8165.500	31.54	13.50	45.04	-28.96	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

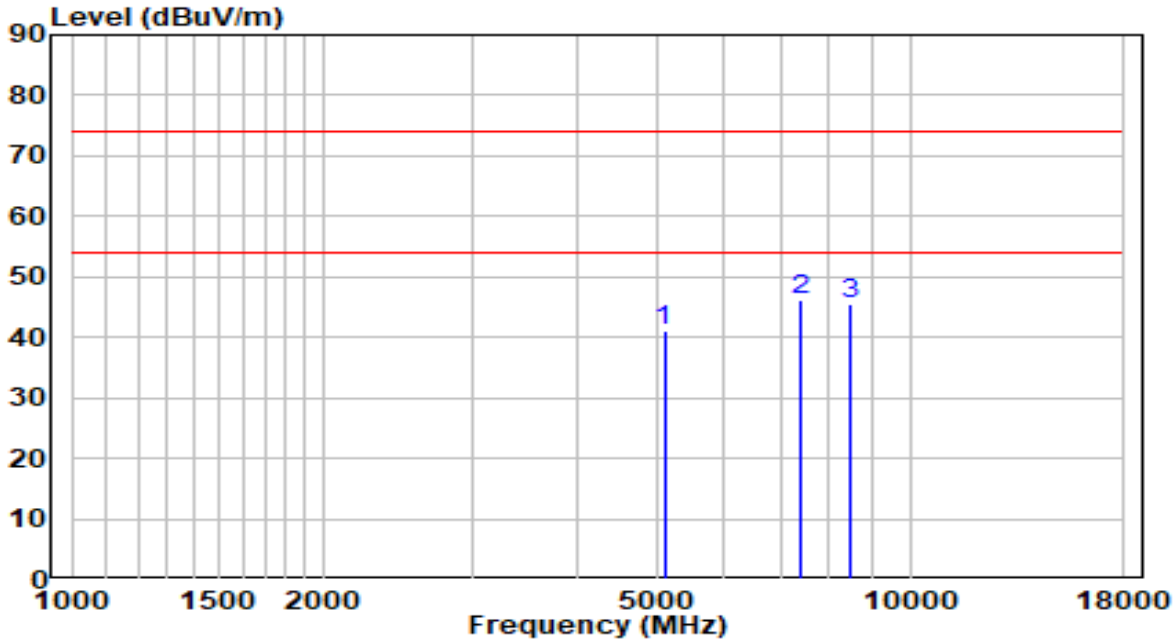


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5080.000	37.48	4.08	41.56	-32.44	74.00	Peak
2	*	7664.000	33.49	13.15	46.64	-27.36	74.00	Peak
3		8471.500	32.63	13.64	46.27	-27.73	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

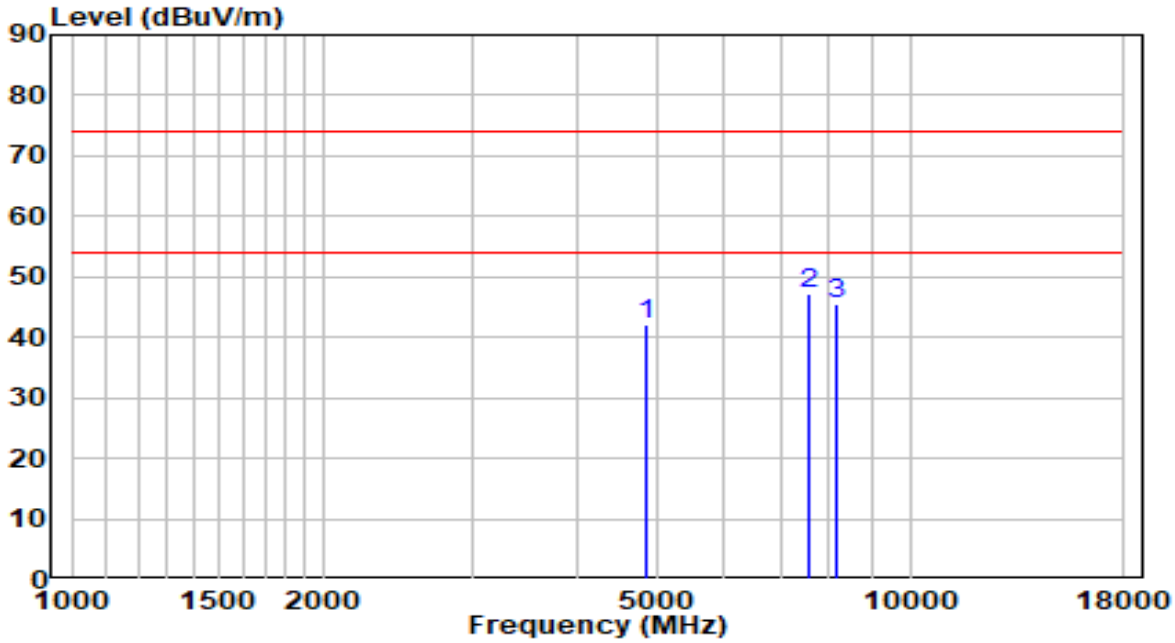


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5088.500	36.91	4.10	41.00	-33.00	74.00	Peak
2	*	7400.500	33.59	12.57	46.17	-27.83	74.00	Peak
3		8463.000	32.04	13.64	45.67	-28.33	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

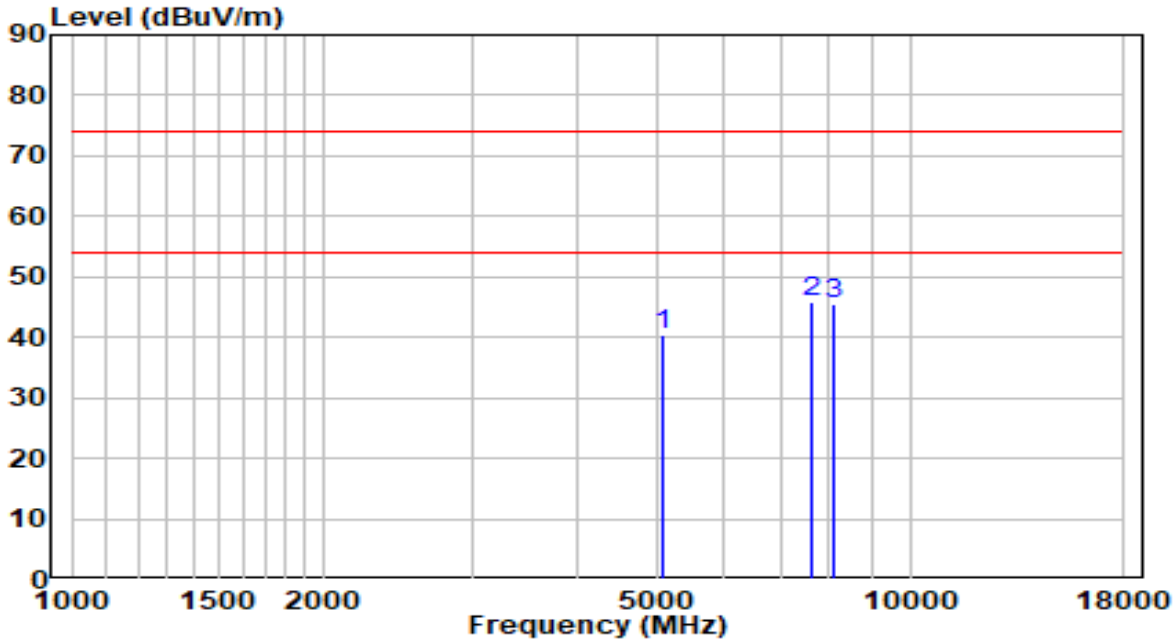


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.42	3.67	42.09	-31.91	74.00	Peak
2	*	7570.500	34.27	13.07	47.34	-26.66	74.00	Peak
3		8174.000	31.85	13.51	45.36	-28.64	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

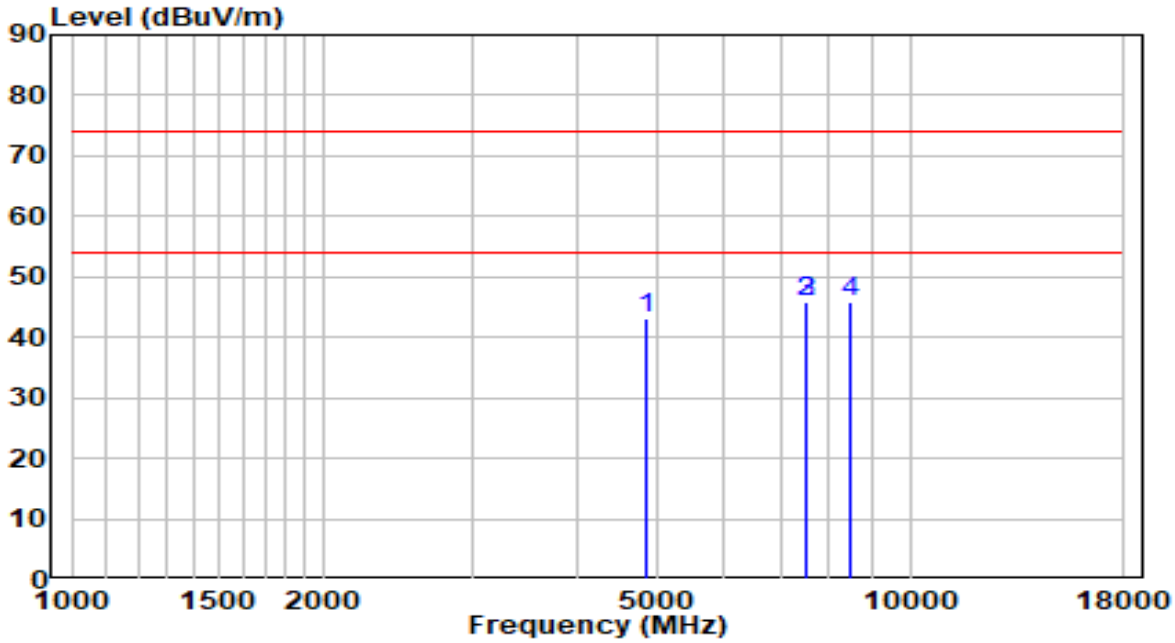


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5063.000	36.33	4.05	40.39	-33.61	74.00	Peak
2	*	7655.500	32.64	13.14	45.78	-28.22	74.00	Peak
3		8131.500	32.11	13.49	45.60	-28.40	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

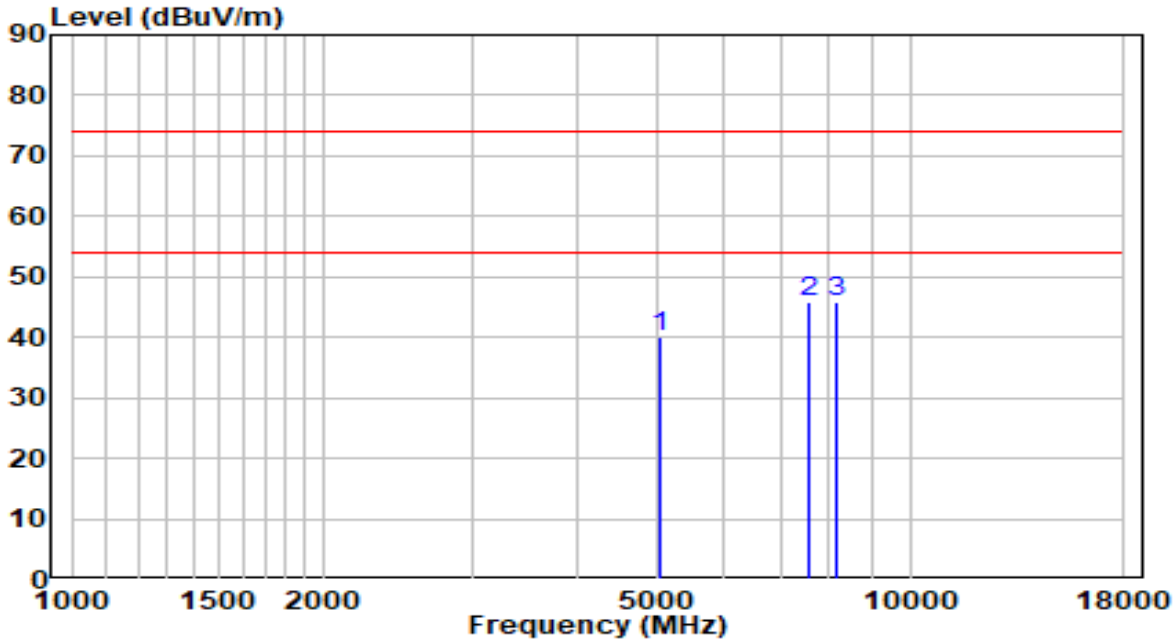


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	39.60	3.67	43.26	-30.74	74.00	Peak
2		7502.500	32.67	13.02	45.69	-28.31	74.00	Peak
3		7502.500	32.67	13.02	45.69	-28.31	74.00	Peak
4	*	8463.000	32.25	13.64	45.89	-28.11	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

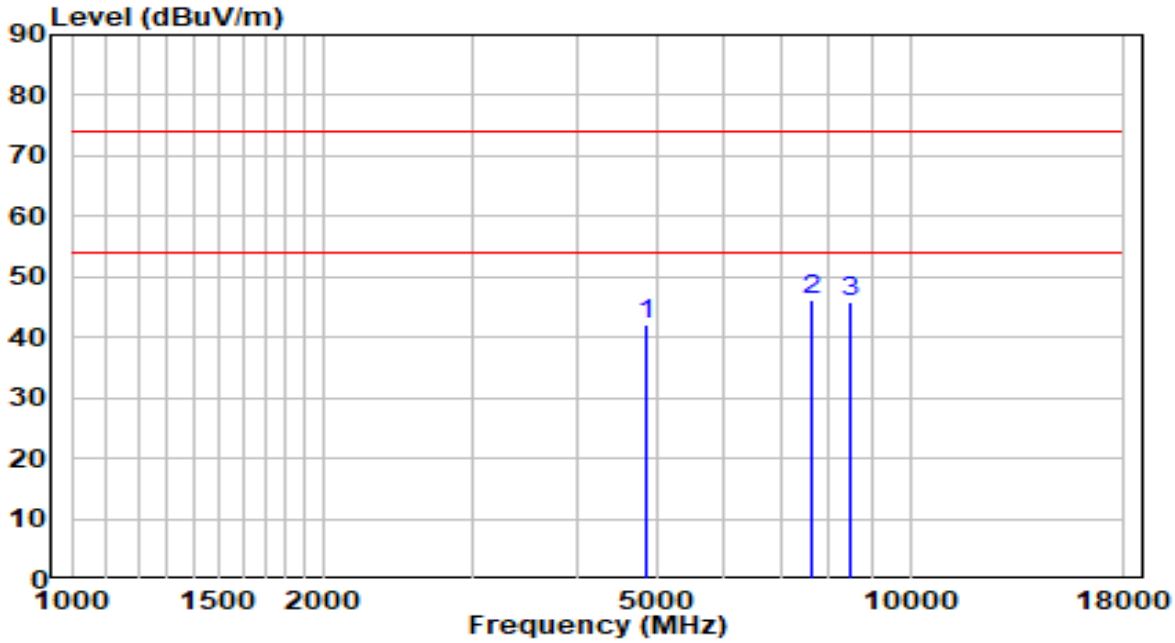


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5037.500	35.96	4.01	39.97	-34.03	74.00	Peak
2		7562.000	32.66	13.07	45.73	-28.27	74.00	Peak
3	*	8182.500	32.28	13.51	45.79	-28.21	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

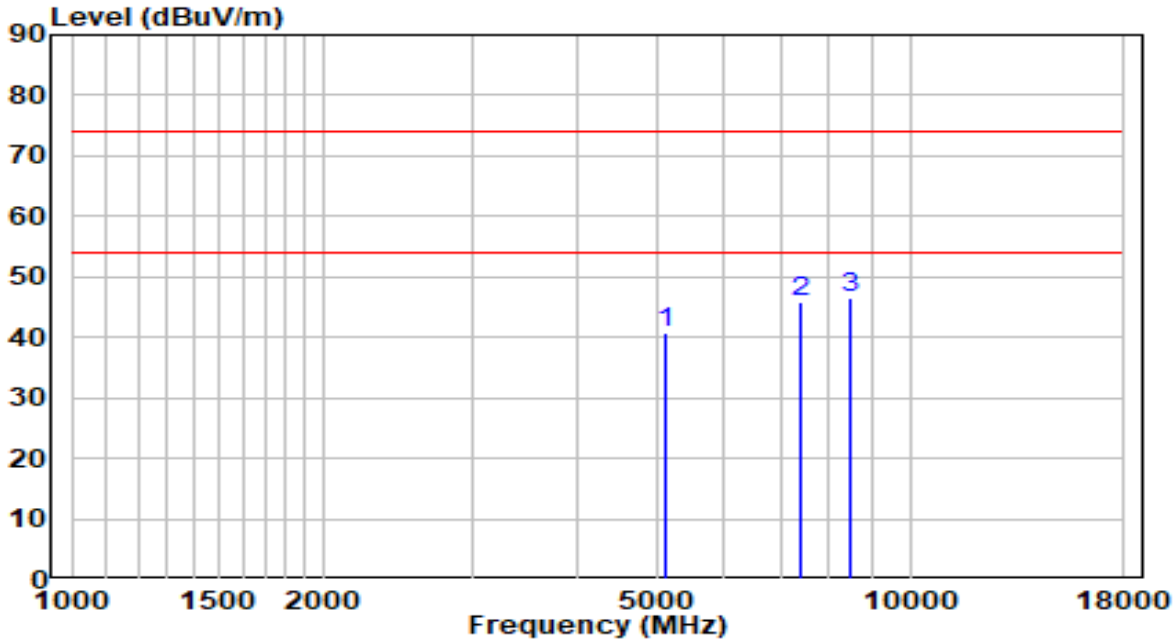


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.52	3.67	42.18	-31.82	74.00	Peak
2	*	7613.000	32.92	13.11	46.03	-27.97	74.00	Peak
3		8471.500	32.16	13.64	45.80	-28.20	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

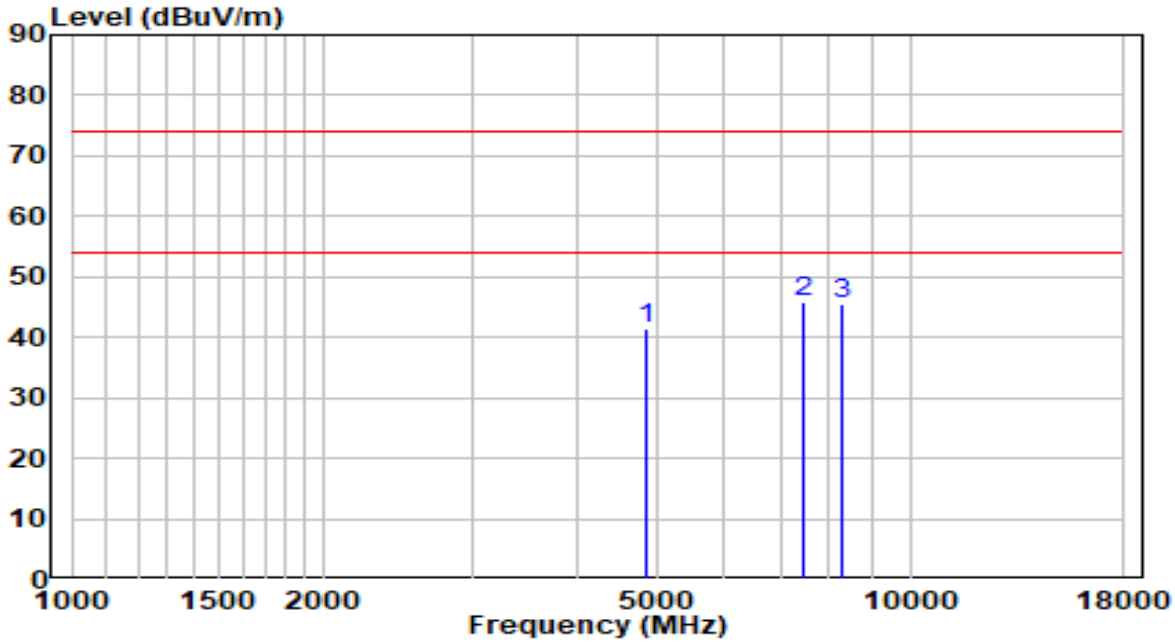


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5105.500	36.50	4.12	40.62	-33.38	74.00	Peak
2		7417.500	33.37	12.65	46.01	-27.99	74.00	Peak
3	*	8488.500	32.73	13.65	46.38	-27.62	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

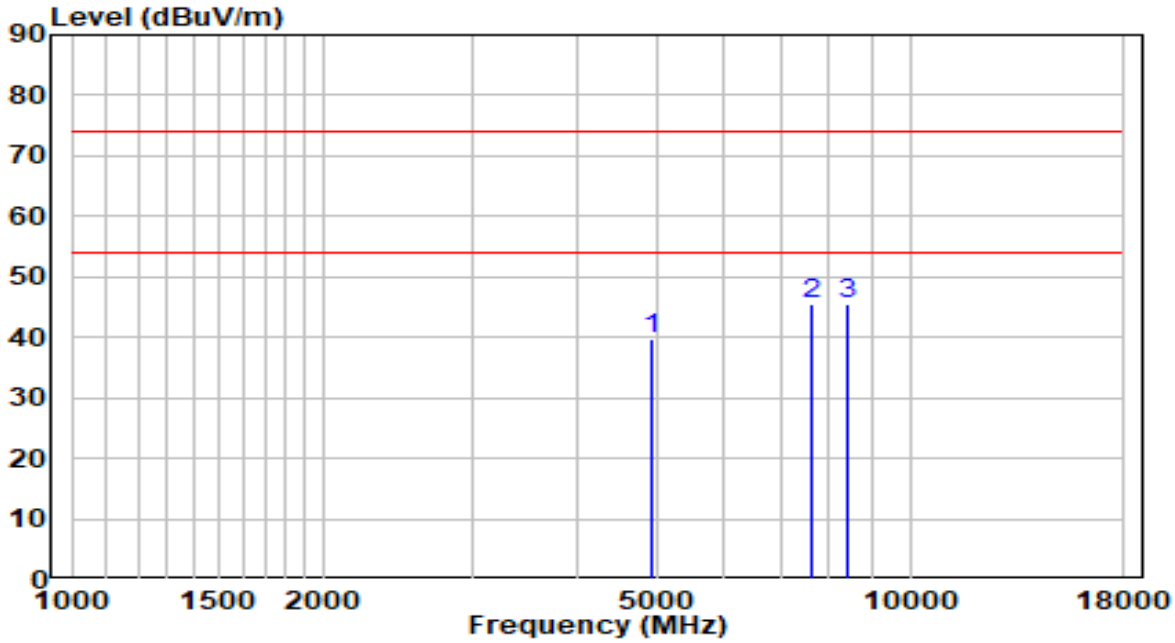


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	37.73	3.67	41.40	-32.60	74.00	Peak
2	*	7434.500	33.24	12.72	45.97	-28.03	74.00	Peak
3		8284.500	31.89	13.56	45.45	-28.55	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	AC 120V/60Hz

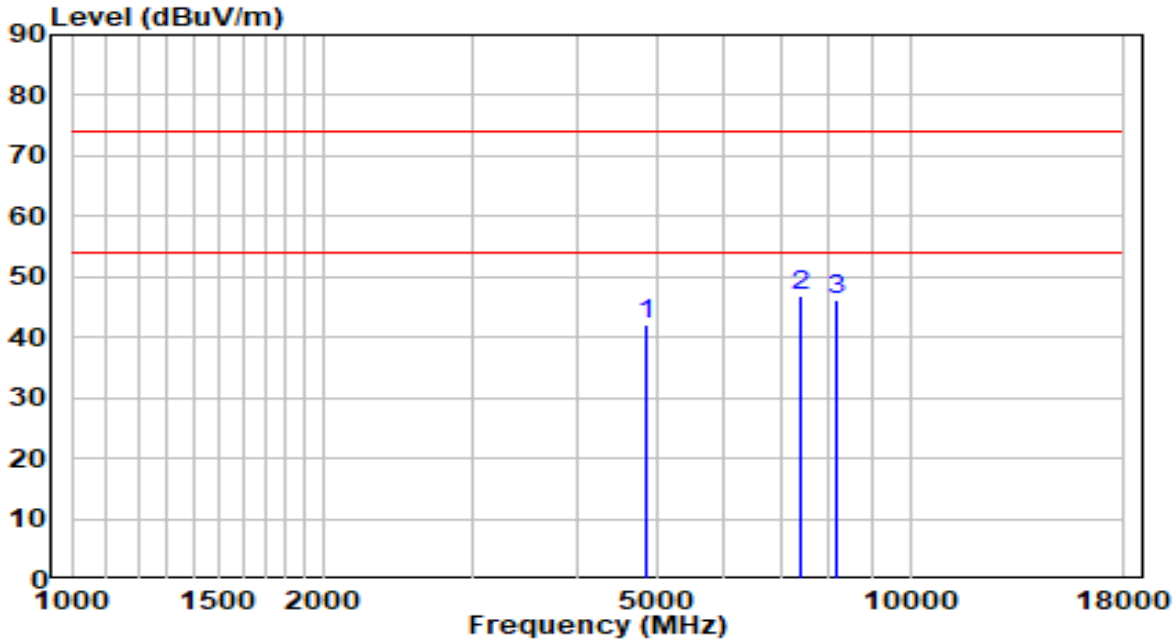


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4935.500	35.85	3.83	39.69	-34.31	74.00	Peak
2	*	7621.500	32.50	13.12	45.62	-28.38	74.00	Peak
3		8437.500	31.74	13.63	45.37	-28.63	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	AC 120V/60Hz

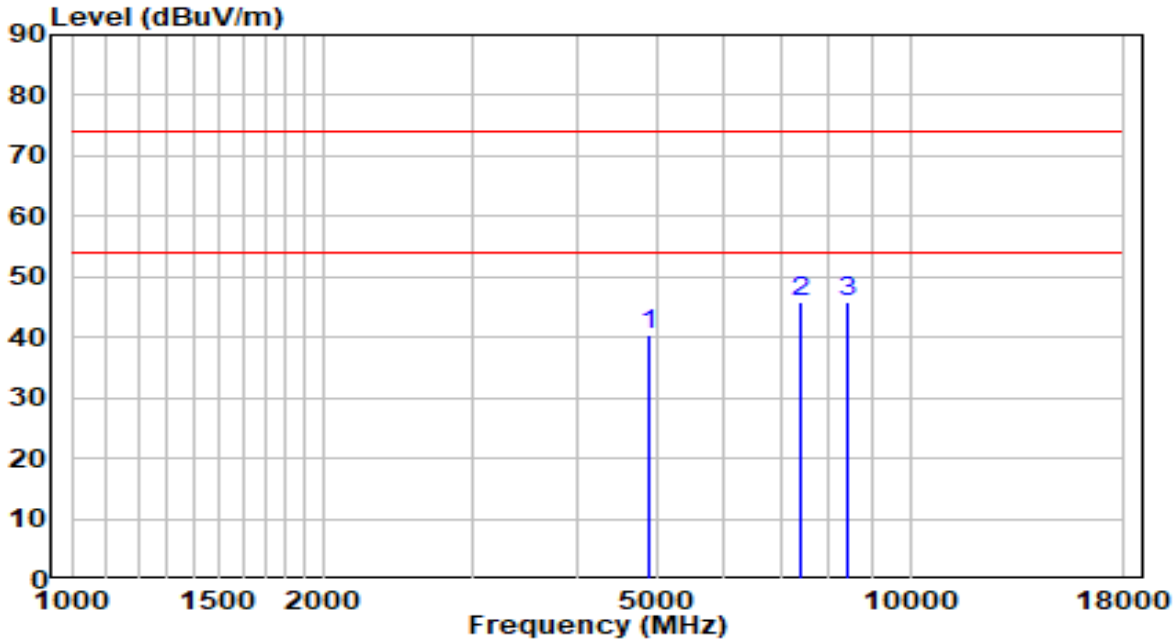


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.46	3.67	42.12	-31.88	74.00	Peak
2	*	7409.000	34.37	12.61	46.98	-27.02	74.00	Peak
3		8148.500	32.53	13.50	46.03	-27.97	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

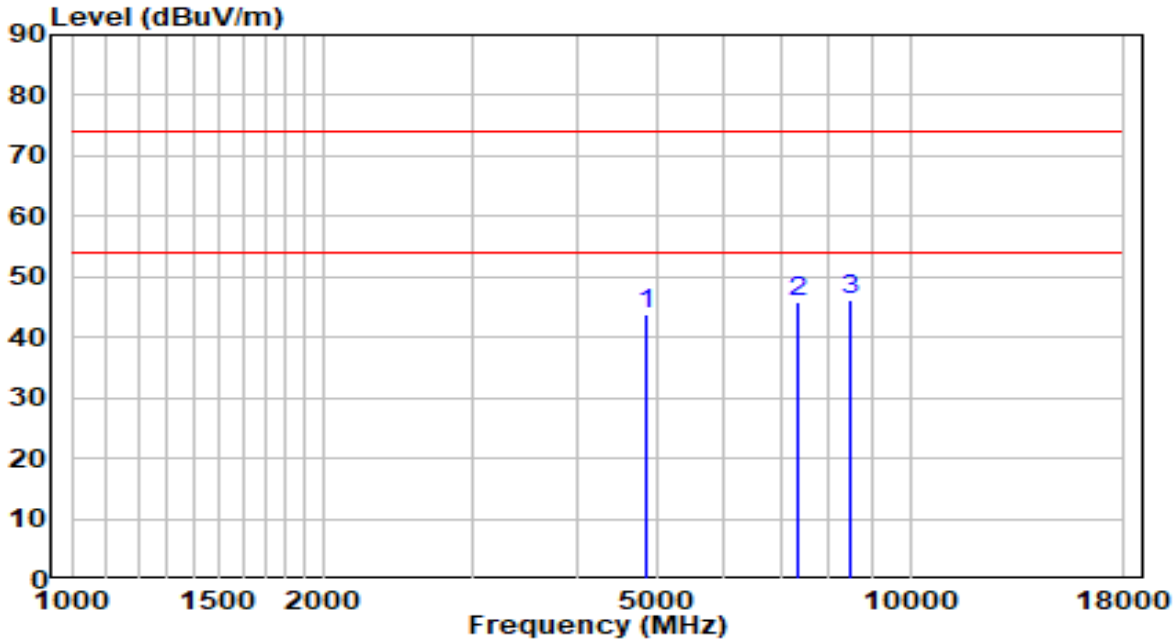


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4876.000	36.61	3.73	40.34	-33.66	74.00	Peak
2	*	7417.500	33.37	12.65	46.02	-27.98	74.00	Peak
3		8429.000	32.07	13.62	45.69	-28.31	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

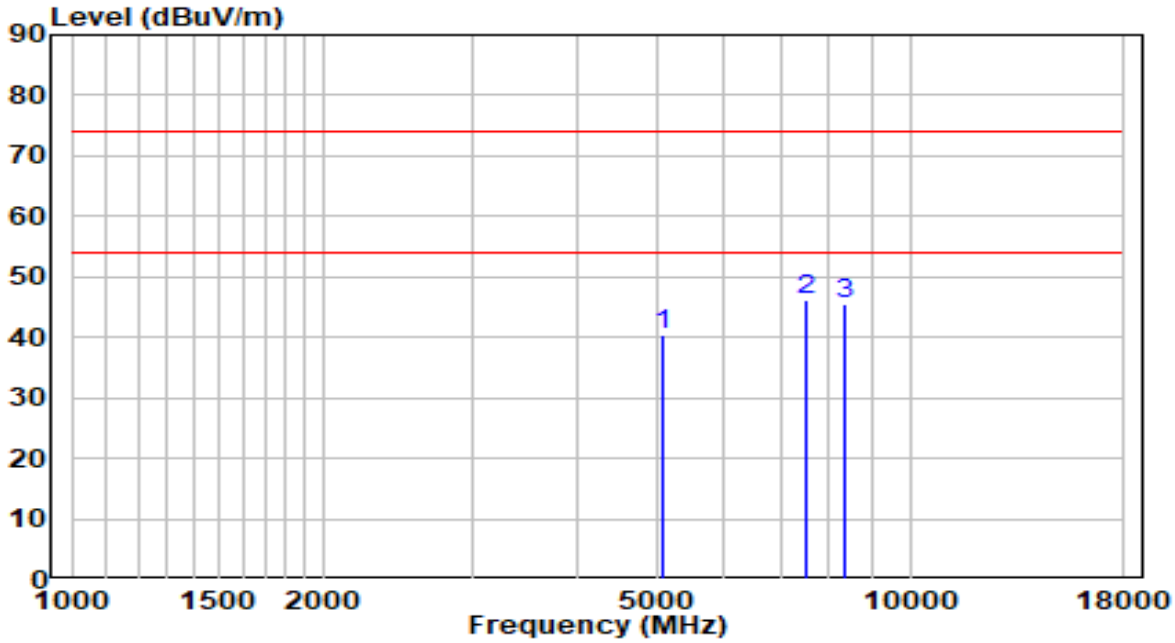


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	40.01	3.67	43.68	-30.32	74.00	Peak
2		7358.000	33.54	12.39	45.93	-28.07	74.00	Peak
3	*	8471.500	32.66	13.64	46.30	-27.70	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

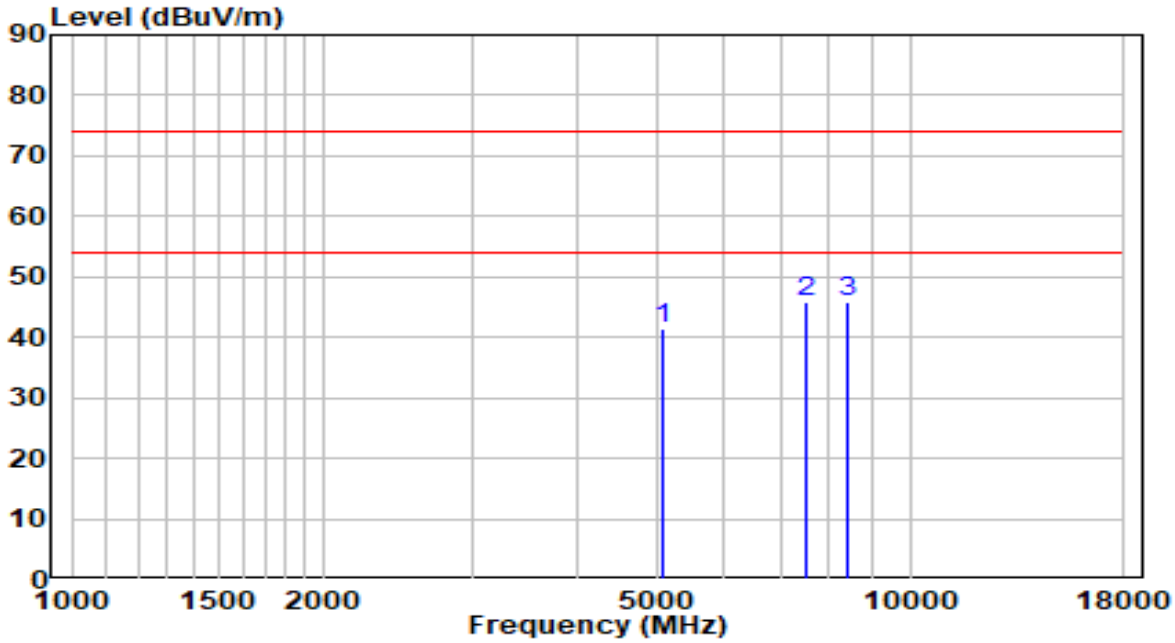


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5071.500	36.25	4.07	40.32	-33.68	74.00	Peak
2	*	7494.000	33.12	12.99	46.11	-27.89	74.00	Peak
3		8369.500	32.00	13.60	45.59	-28.41	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

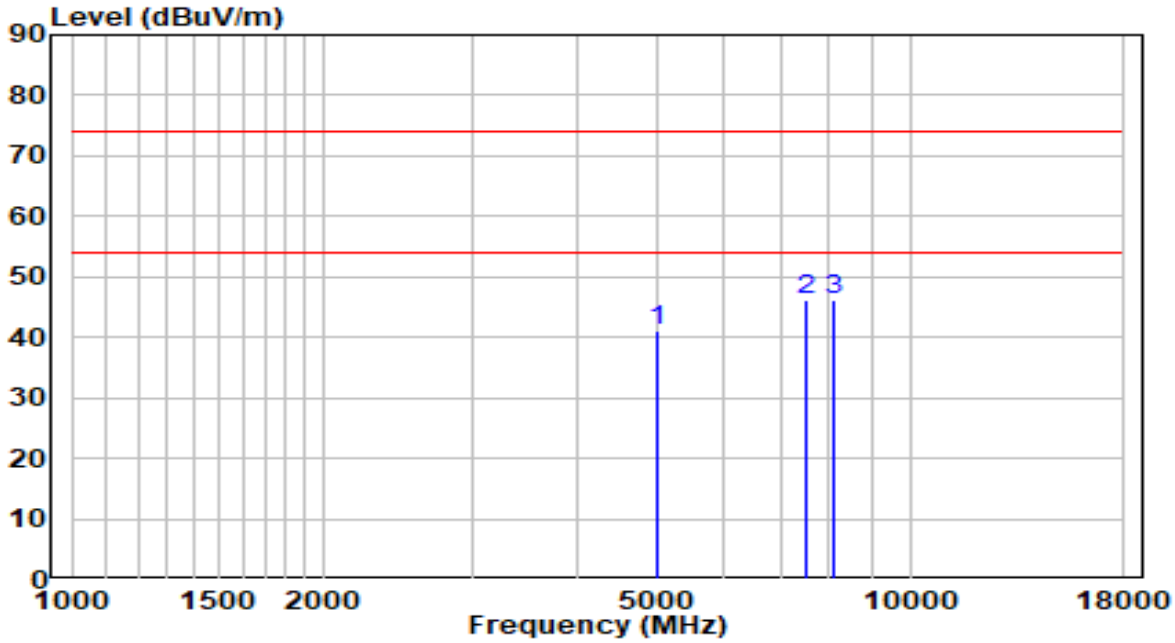


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5071.500	37.36	4.07	41.43	-32.57	74.00	Peak
2	*	7494.000	32.89	12.99	45.88	-28.12	74.00	Peak
3		8437.500	32.16	13.63	45.79	-28.21	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

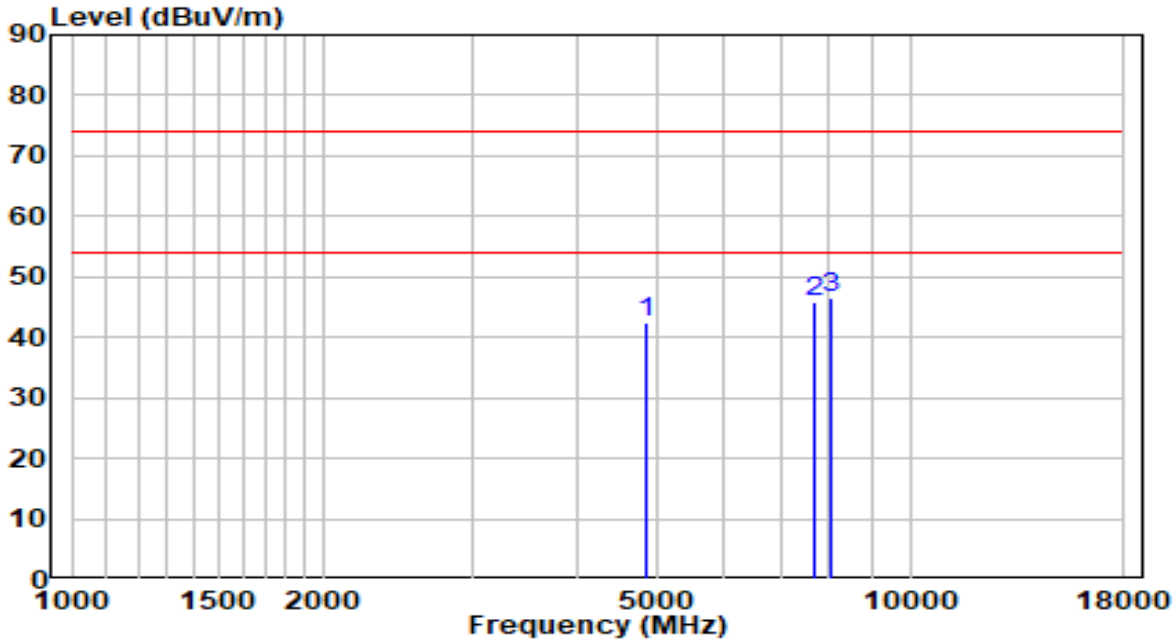


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4978.000	37.27	3.91	41.18	-32.82	74.00	Peak
2	*	7528.000	33.21	13.04	46.25	-27.75	74.00	Peak
3		8080.500	32.73	13.47	46.20	-27.80	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

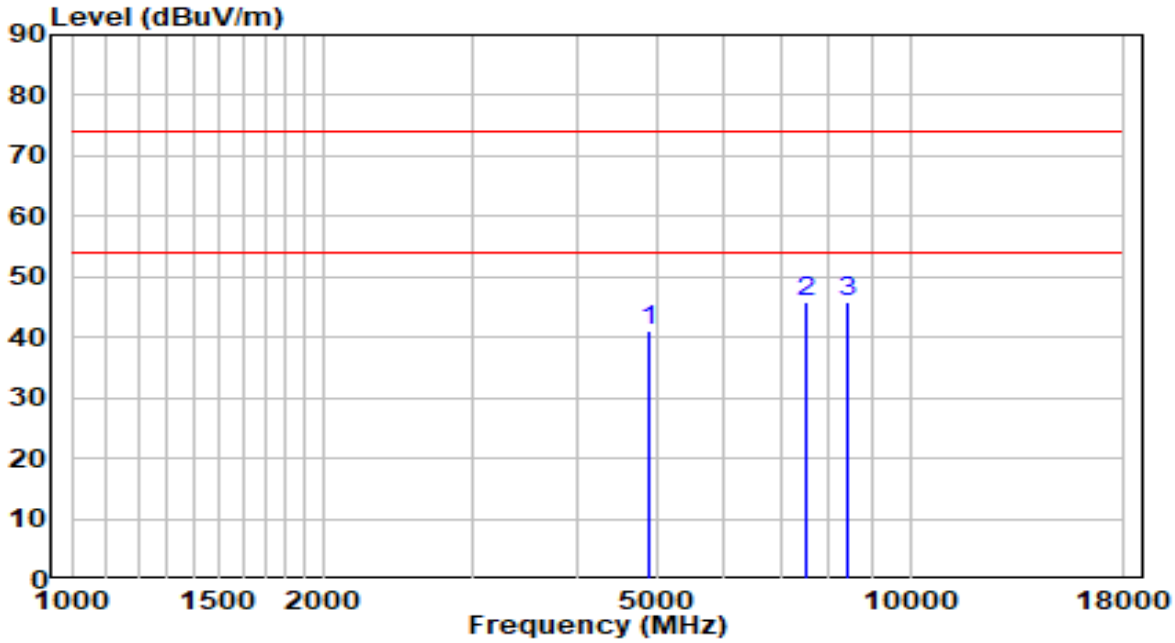


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.79	3.67	42.46	-31.54	74.00	Peak
2		7672.500	32.58	13.16	45.74	-28.26	74.00	Peak
3	*	8072.000	33.18	13.46	46.64	-27.36	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

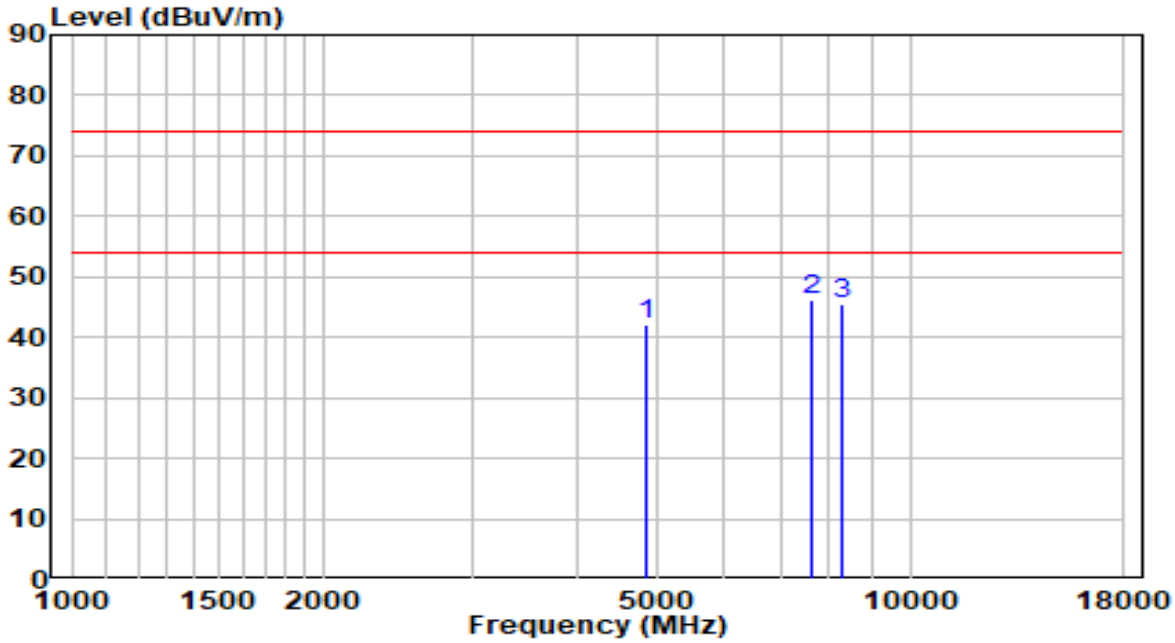


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4884.500	37.46	3.74	41.21	-32.79	74.00	Peak
2		7502.500	32.66	13.02	45.68	-28.32	74.00	Peak
3	*	8429.000	32.25	13.62	45.87	-28.13	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

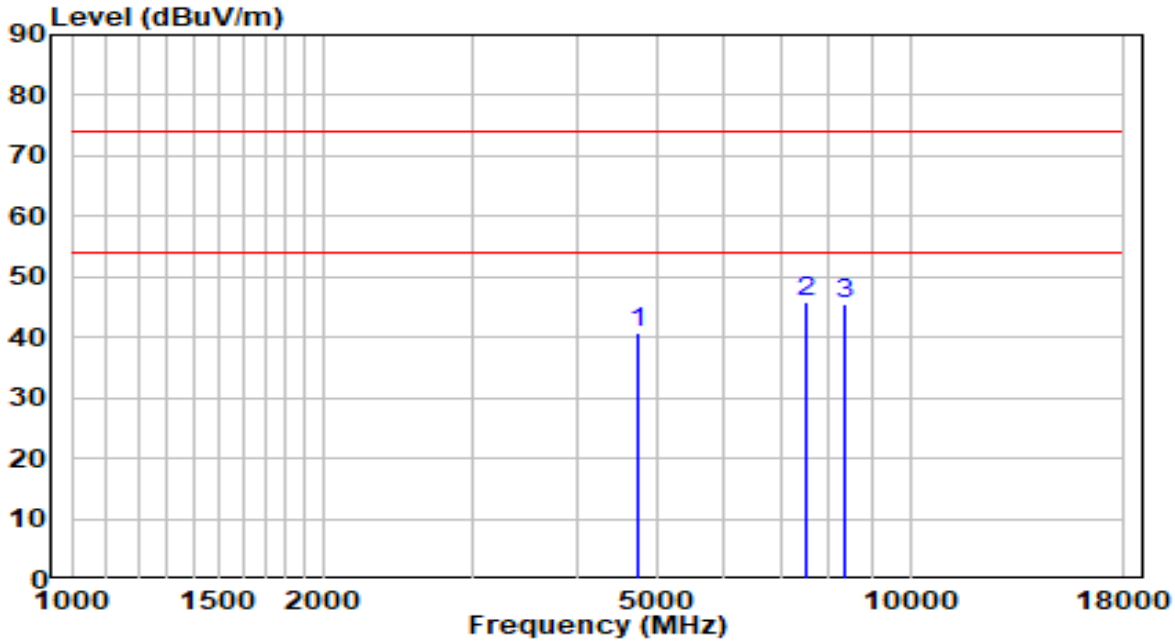


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.55	3.67	42.22	-31.78	74.00	Peak
2	*	7655.500	33.00	13.14	46.15	-27.85	74.00	Peak
3		8284.500	32.07	13.56	45.63	-28.37	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

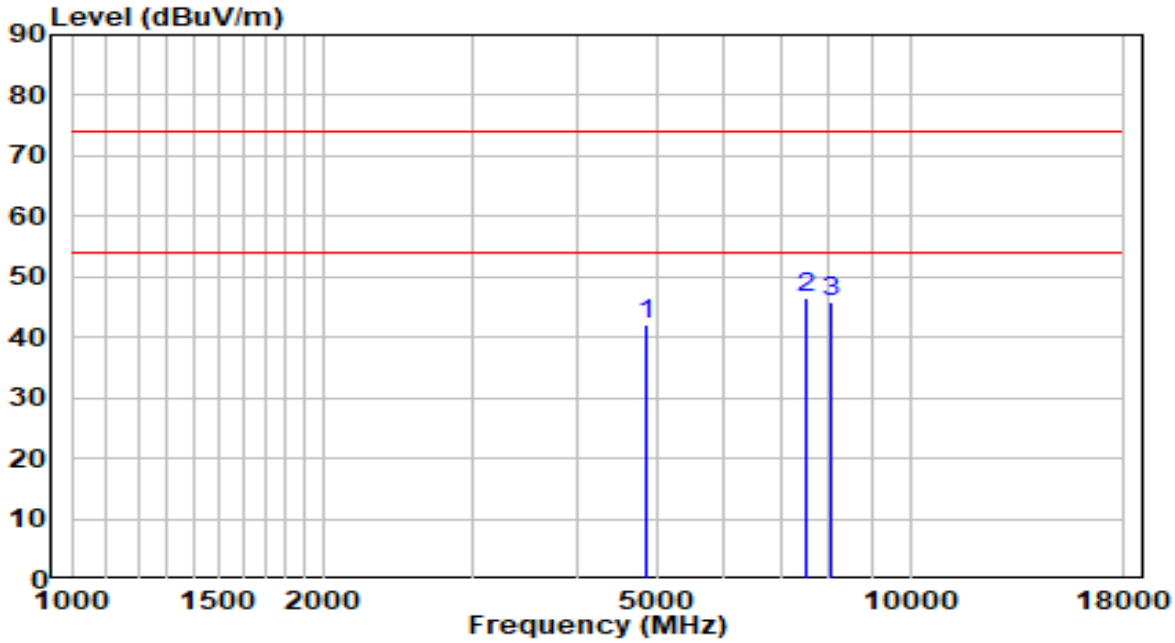


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4731.500	37.38	3.47	40.84	-33.16	74.00	Peak
2	*	7519.500	32.81	13.03	45.84	-28.16	74.00	Peak
3		8369.500	31.87	13.60	45.46	-28.54	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

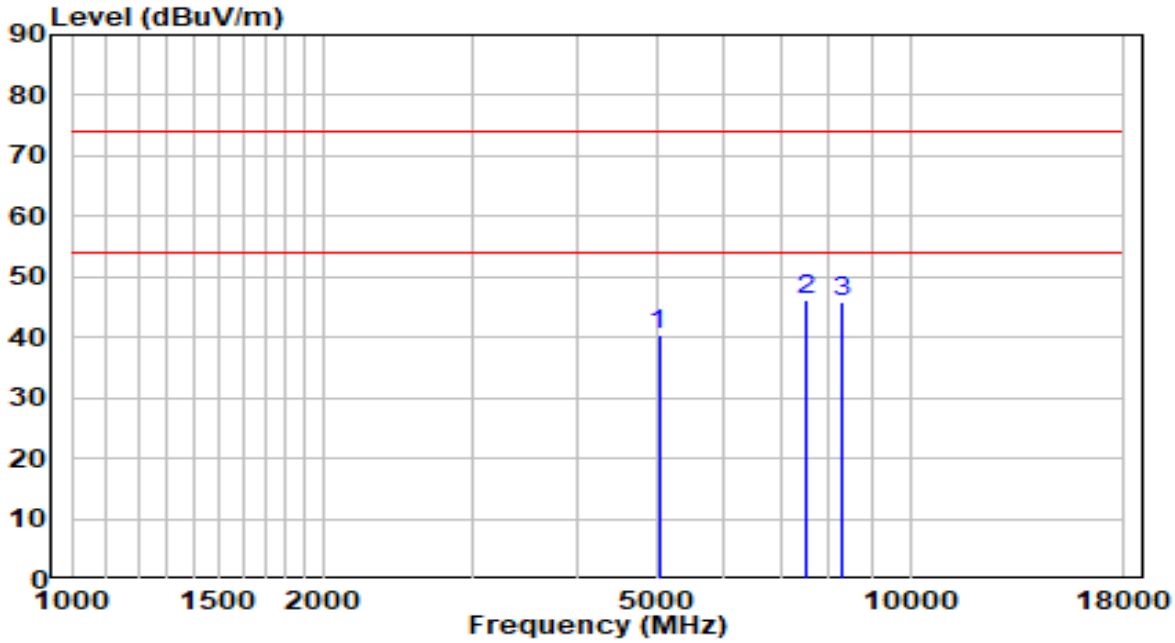


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.44	3.67	42.11	-31.89	74.00	Peak
2	*	7536.500	33.39	13.05	46.43	-27.57	74.00	Peak
3		8063.500	32.31	13.46	45.77	-28.23	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 120V/60Hz

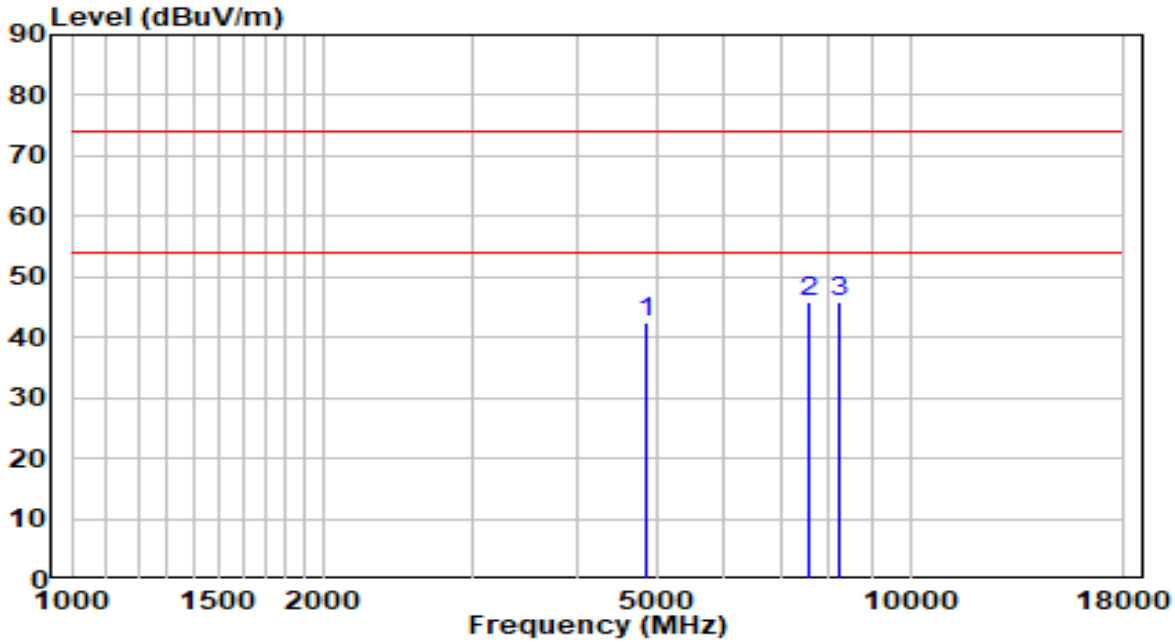


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5012.000	36.59	3.97	40.55	-33.45	74.00	Peak
2	*	7528.000	33.11	13.04	46.15	-27.85	74.00	Peak
3		8267.500	32.41	13.55	45.96	-28.04	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	BBHA 9120D	Temp. / Humidity	24.1°C/37%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 120V/60Hz



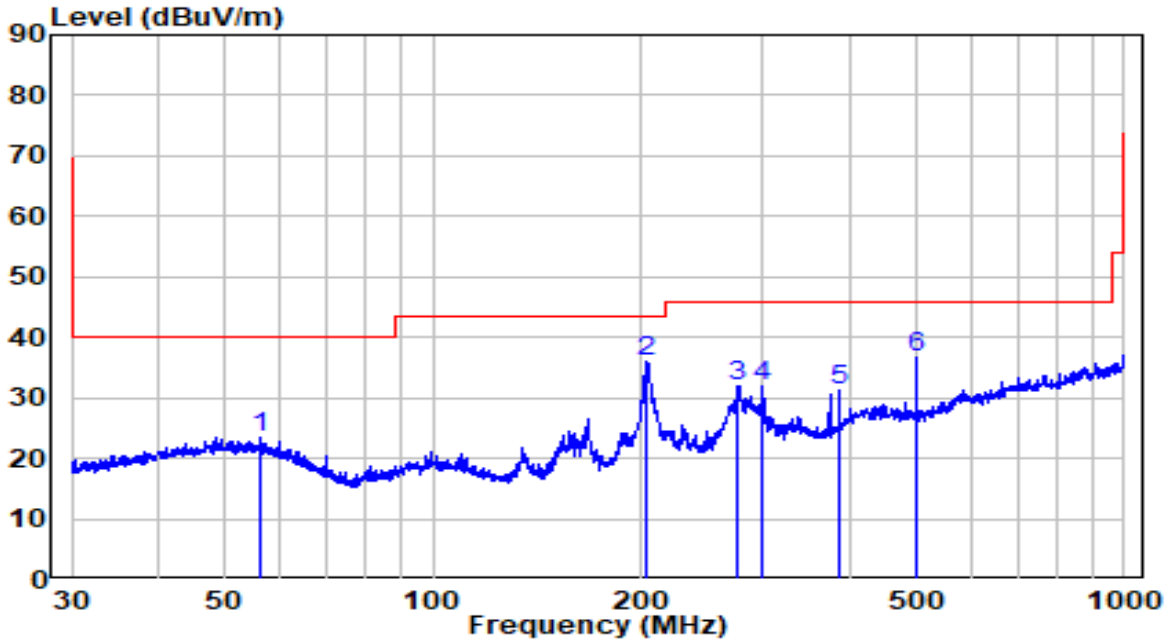
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4842.000	38.63	3.67	42.30	-31.70	74.00	Peak
2		7587.500	32.70	13.09	45.79	-28.21	74.00	Peak
3	*	8259.000	32.32	13.55	45.86	-28.14	74.00	Peak

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 Result of Radiated Emission below 1GHz:

EUT	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	VULB 9162	Temp. / Humidity	25.2°C /40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at channel 2437MHz	Test Voltage	AC 120V/60Hz

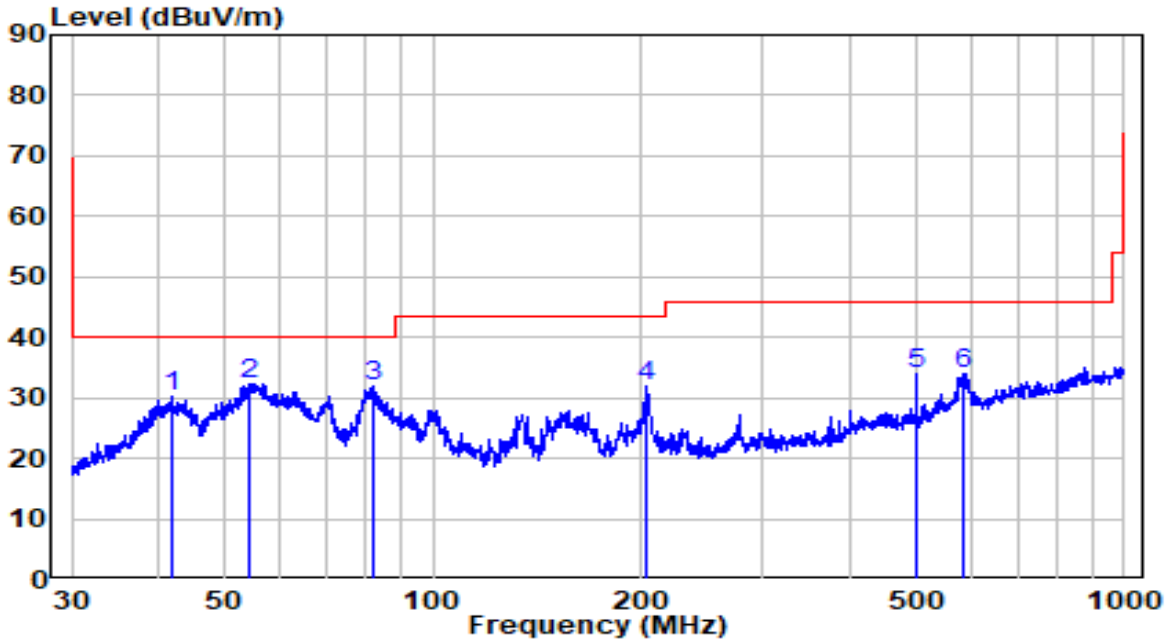


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		56.296	2.70	20.89	23.59	-16.41	40.00	Peak
2	*	203.523	16.85	19.09	35.94	-7.56	43.50	Peak
3		276.608	11.03	20.92	31.95	-14.05	46.00	Peak
4		299.841	10.33	21.50	31.82	-14.18	46.00	Peak
5		387.992	7.51	23.86	31.37	-14.63	46.00	Peak
6		500.301	10.42	26.22	36.64	-9.36	46.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-15
Factor	VULB 9162	Temp. / Humidity	25.2°C /40%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at channel 2437MHz	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		41.933	8.89	21.35	30.24	-9.76	40.00	Peak
2	*	54.356	11.10	21.25	32.35	-7.65	40.00	Peak
3		81.783	17.05	14.80	31.86	-8.14	40.00	Peak
4		203.166	12.65	19.10	31.76	-11.74	43.50	Peak
5		500.301	7.71	26.22	33.93	-12.07	46.00	Peak
6		585.816	6.35	27.52	33.87	-12.13	46.00	Peak

Note:

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

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

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

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

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

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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

Peak Field Strength Measurements

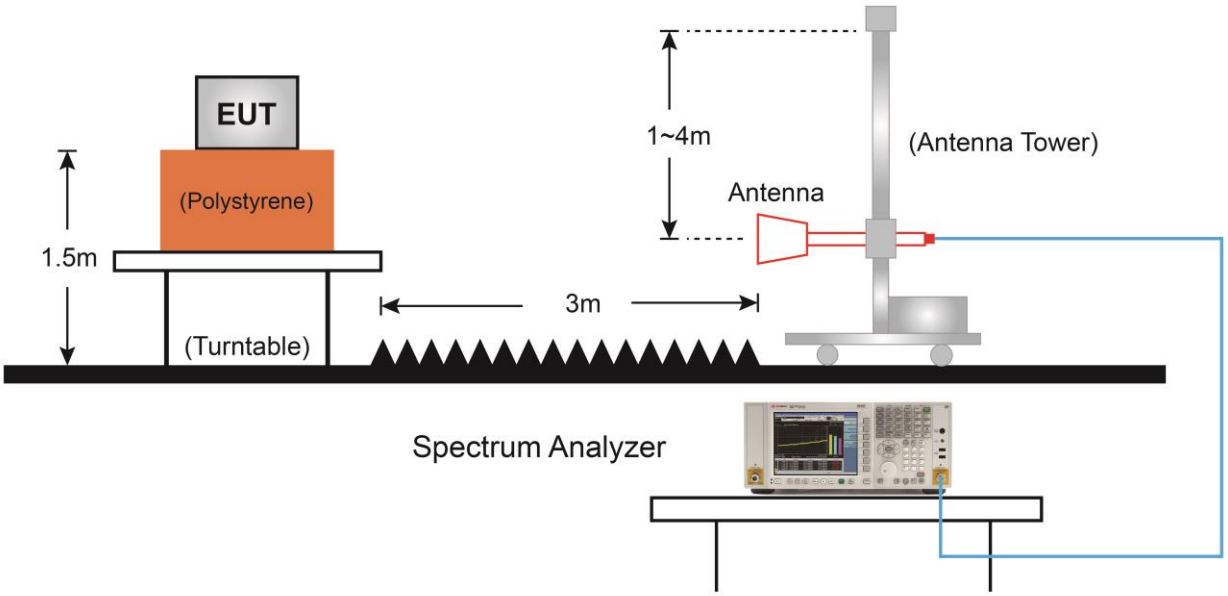
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

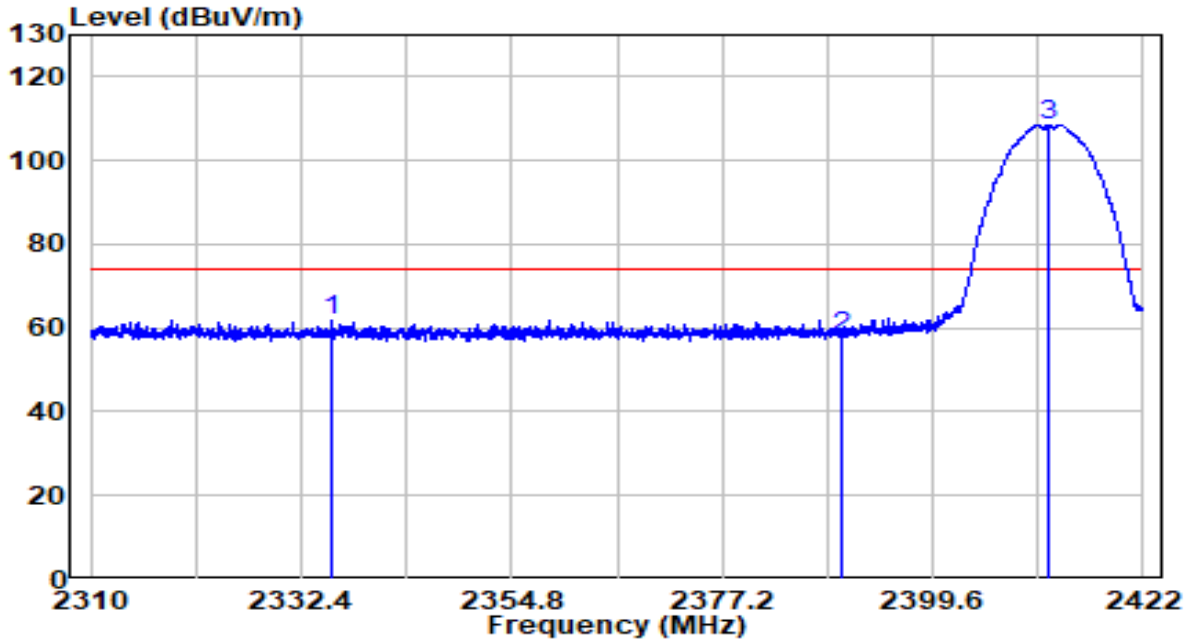
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.7.4.Test Setup



7.7.5.Test Result

EUT	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

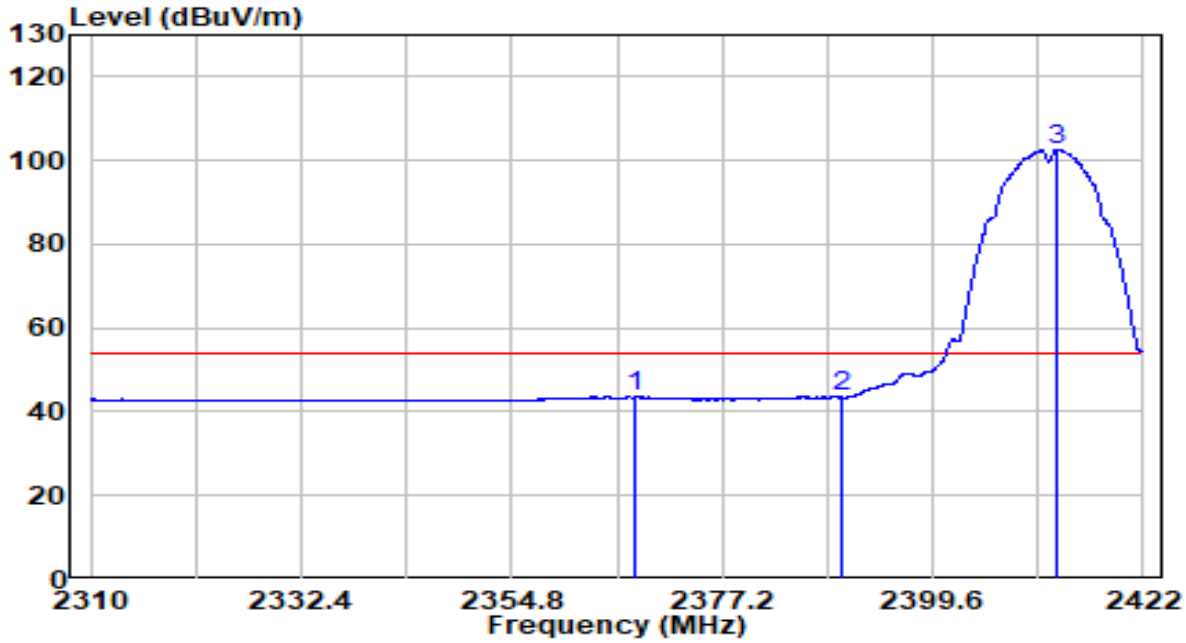


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2335.760	29.99	31.99	61.98	-12.02	74.00	Peak
2		2390.024	25.59	32.22	57.81	-16.19	74.00	Peak
3	*	2411.976	76.21	32.31	108.52	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

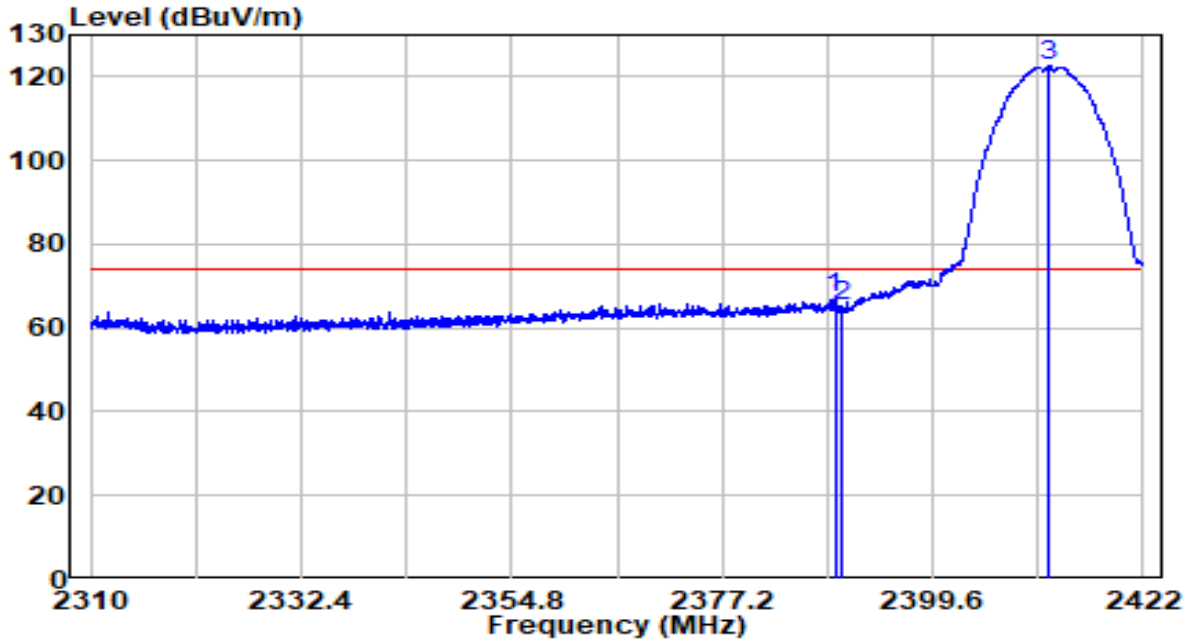


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2368.016	11.46	32.13	43.58	-10.42	54.00	Average
2		2390.024	11.21	32.22	43.43	-10.57	54.00	Average
3	*	2412.760	70.27	32.31	102.58	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

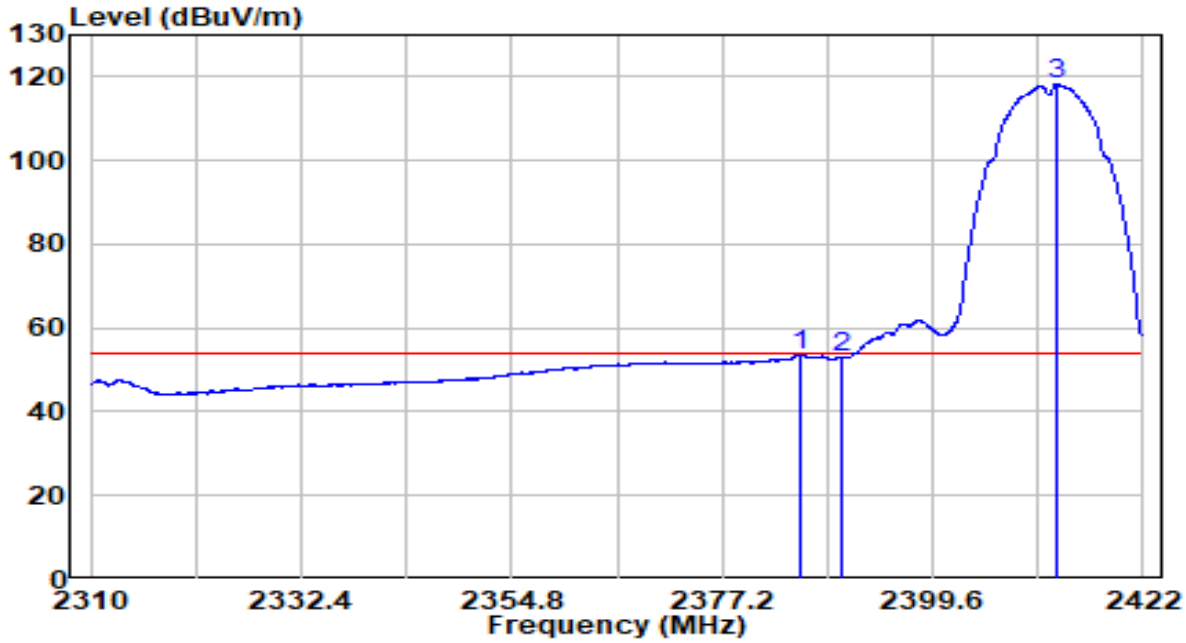


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.184	34.80	32.21	67.02	-6.98	74.00	Peak
2		2390.000	32.86	32.22	65.07	-8.93	74.00	Peak
3	*	2411.920	90.22	32.31	122.53	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-10
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	AC 120V/60Hz

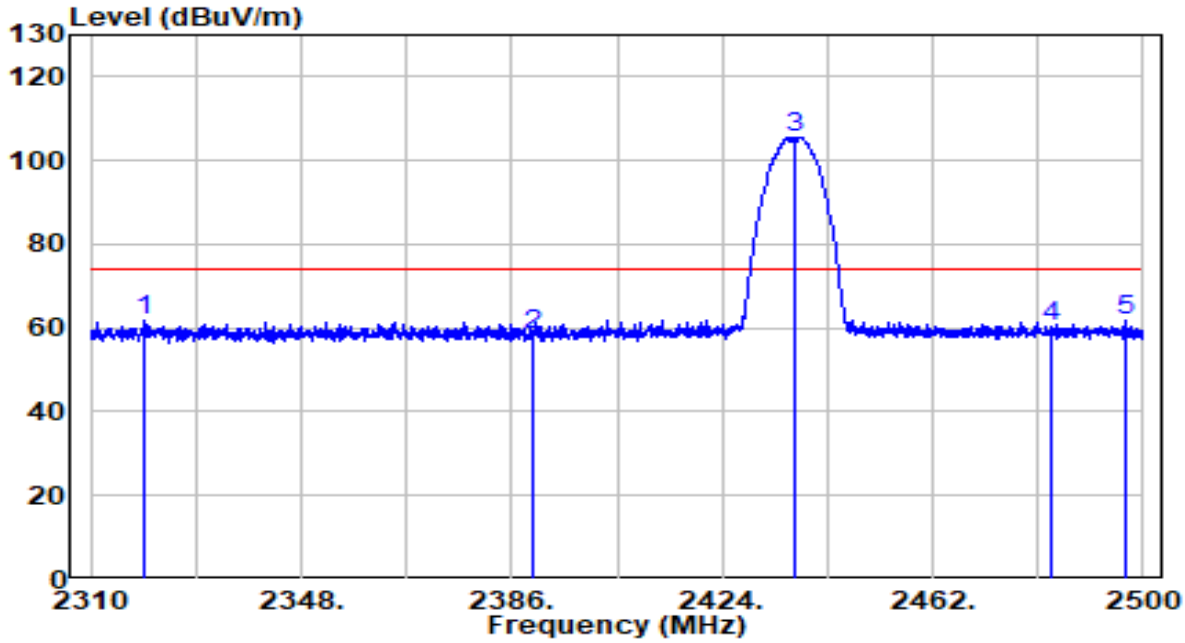


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2385.544	21.48	32.20	53.68	-0.32	54.00	Average
2		2390.000	20.73	32.22	52.95	-1.05	54.00	Average
3	*	2412.816	85.83	32.31	118.14	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

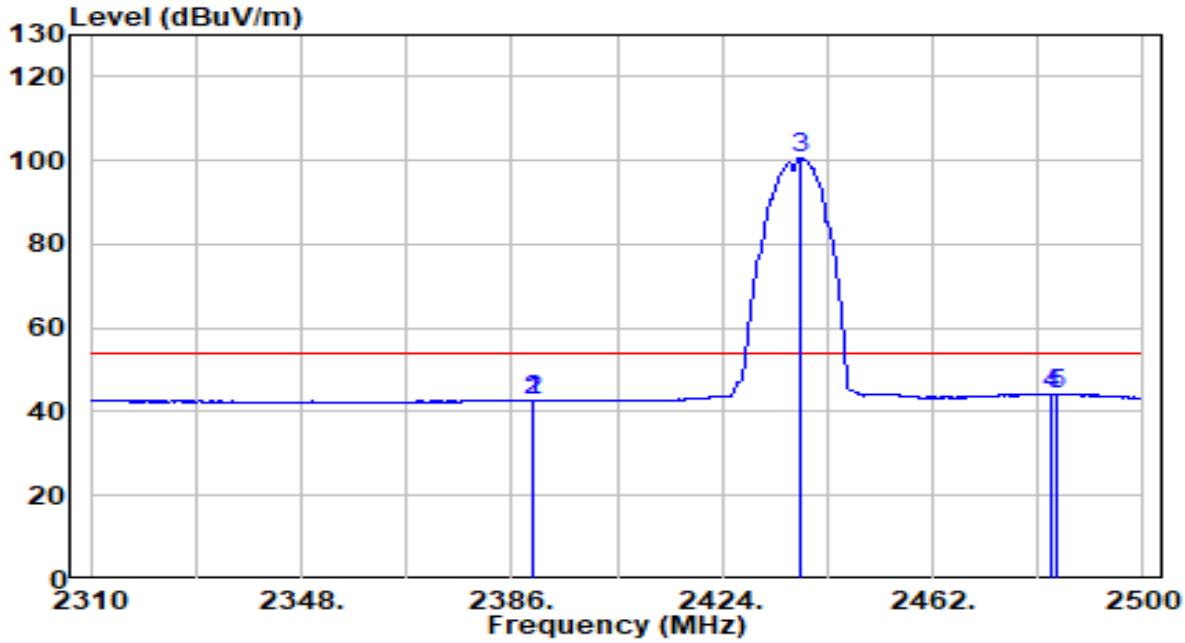


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2319.880	29.77	31.92	61.69	-12.31	74.00	Peak
2		2390.000	26.13	32.22	58.35	-15.65	74.00	Peak
3	*	2437.015	73.25	32.42	105.66	N/A	N/A	Peak
4		2483.470	27.81	32.61	60.42	-13.58	74.00	Peak
5		2496.960	29.16	32.67	61.83	-12.17	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

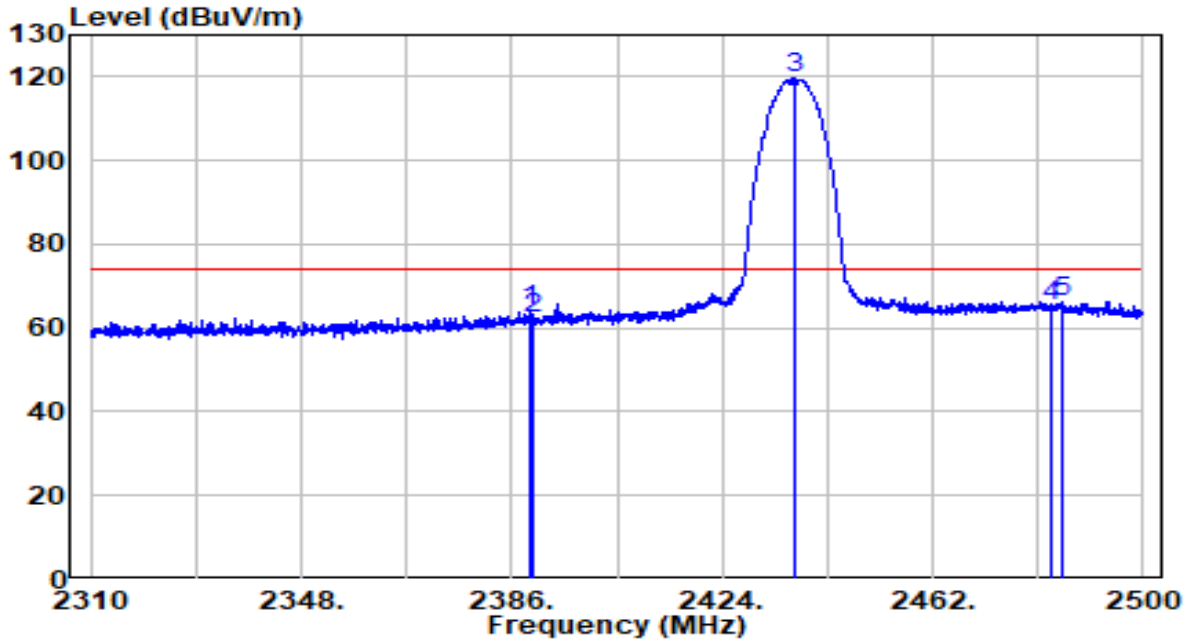


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	10.65	32.22	42.87	-11.13	54.00	Average
2		2390.000	10.65	32.22	42.87	-11.13	54.00	Average
3	*	2438.060	68.34	32.42	100.76	N/A	N/A	Average
4		2483.500	11.58	32.61	44.20	-9.80	54.00	Average
5		2484.610	11.69	32.62	44.31	-9.69	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

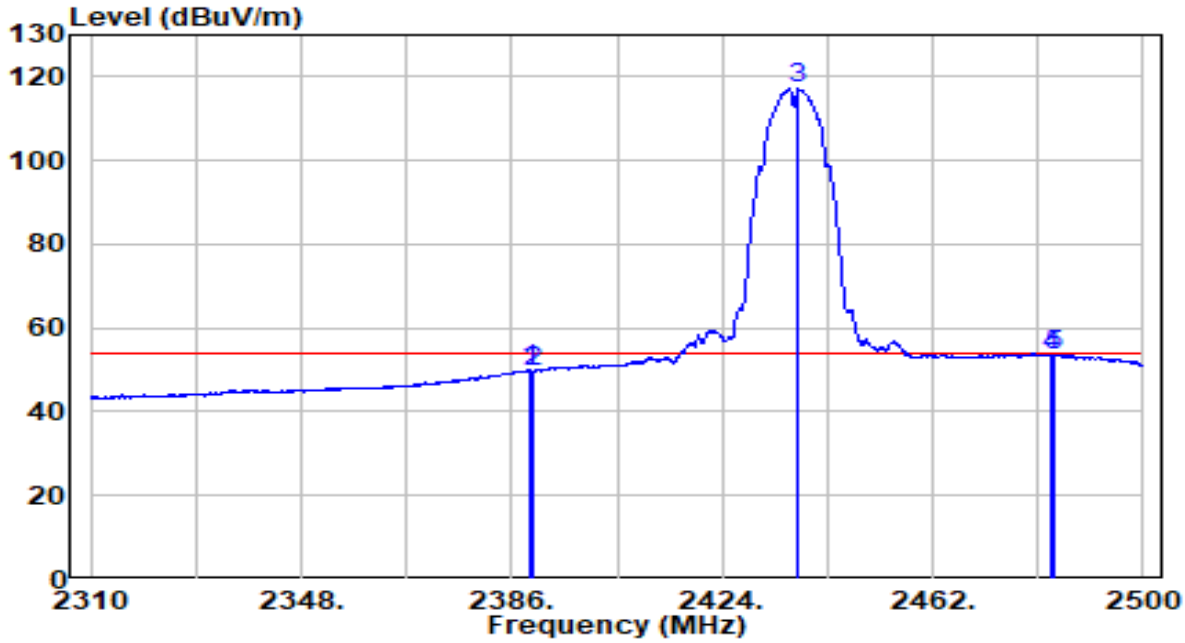


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.515	31.81	32.22	64.02	-9.98	74.00	Peak
2		2390.000	30.13	32.22	62.35	-11.65	74.00	Peak
3	*	2437.015	87.13	32.42	119.55	N/A	N/A	Peak
4		2483.500	32.71	32.61	65.32	-8.68	74.00	Peak
5		2485.180	33.78	32.62	66.39	-7.61	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-10
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	AC 120V/60Hz

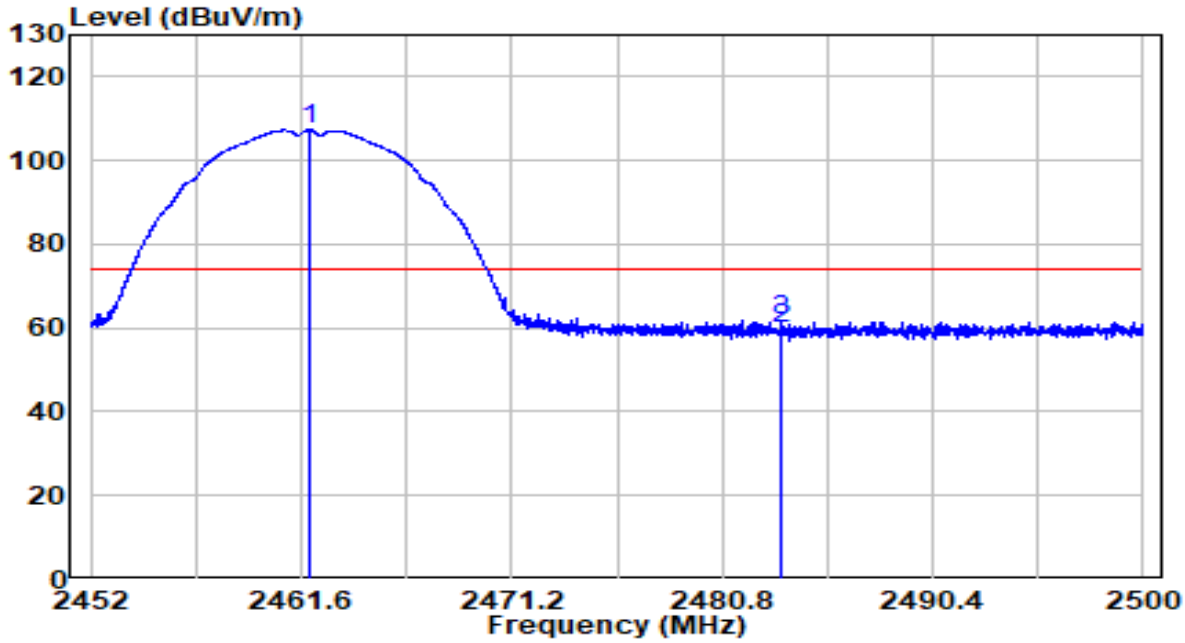


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.230	17.73	32.21	49.95	-4.05	54.00	Average
2		2390.000	17.48	32.22	49.70	-4.30	54.00	Average
3	*	2437.775	84.68	32.42	117.09	N/A	N/A	Average
4		2483.500	20.94	32.61	53.55	-0.45	54.00	Average
5		2483.850	20.98	32.61	53.60	-0.40	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

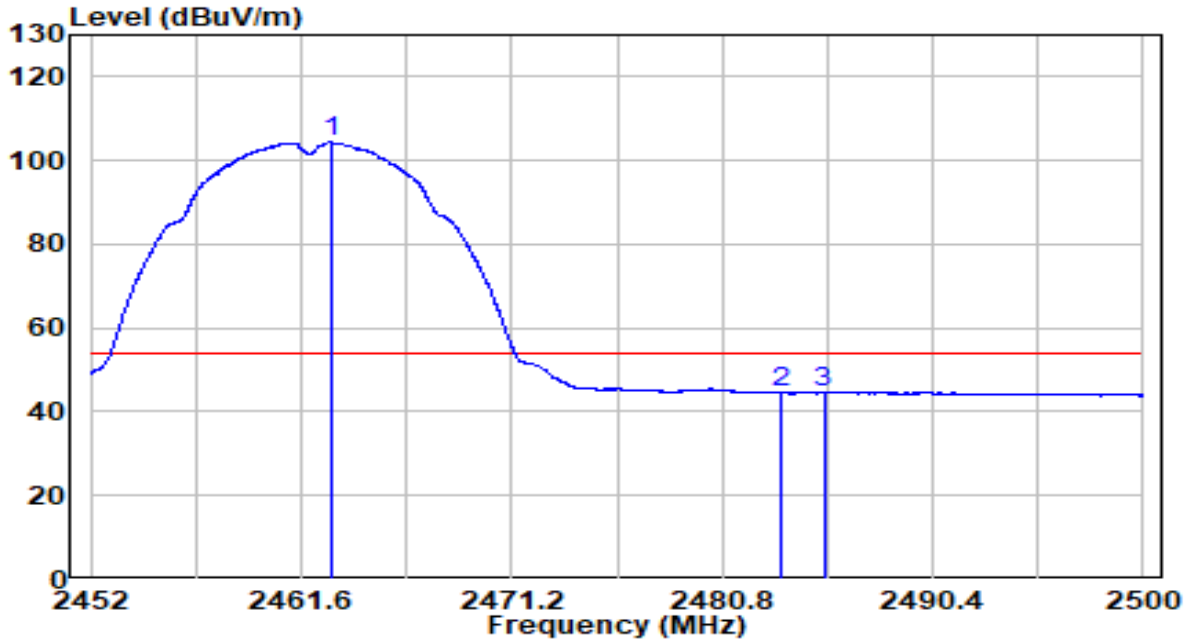


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.936	74.76	32.52	107.28	N/A	N/A	Peak
2		2483.500	27.12	32.61	59.73	-14.27	74.00	Peak
3		2483.512	29.21	32.61	61.82	-12.18	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

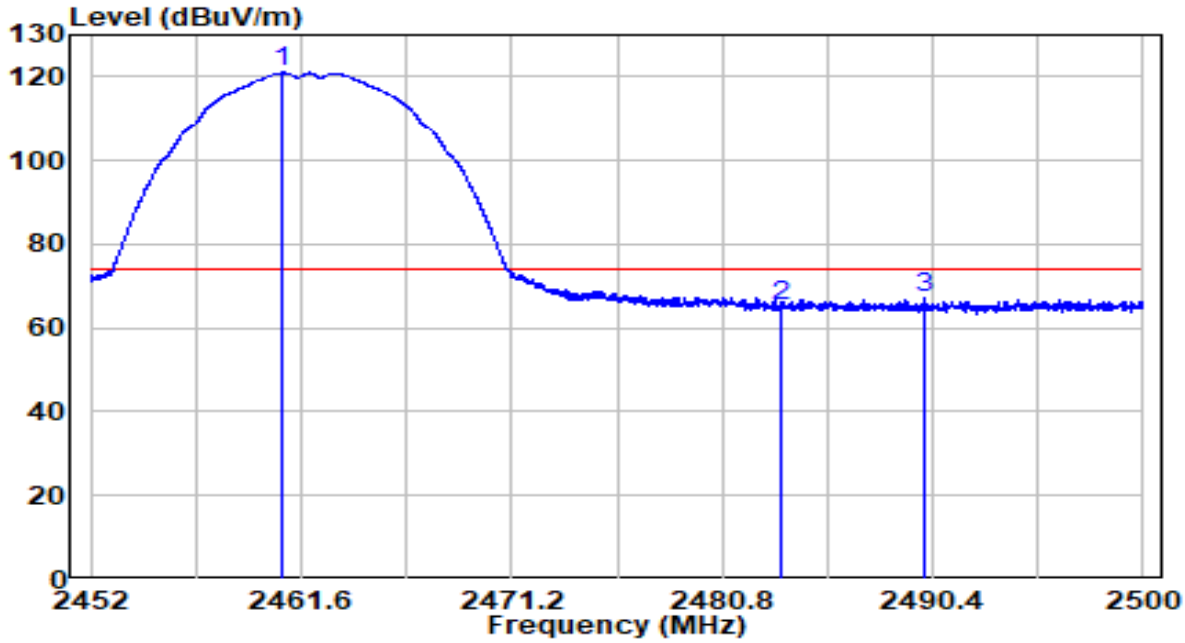


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.944	71.74	32.52	104.27	N/A	N/A	Average
2		2483.500	11.82	32.61	44.43	-9.57	54.00	Average
3		2485.432	12.02	32.62	44.64	-9.36	54.00	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

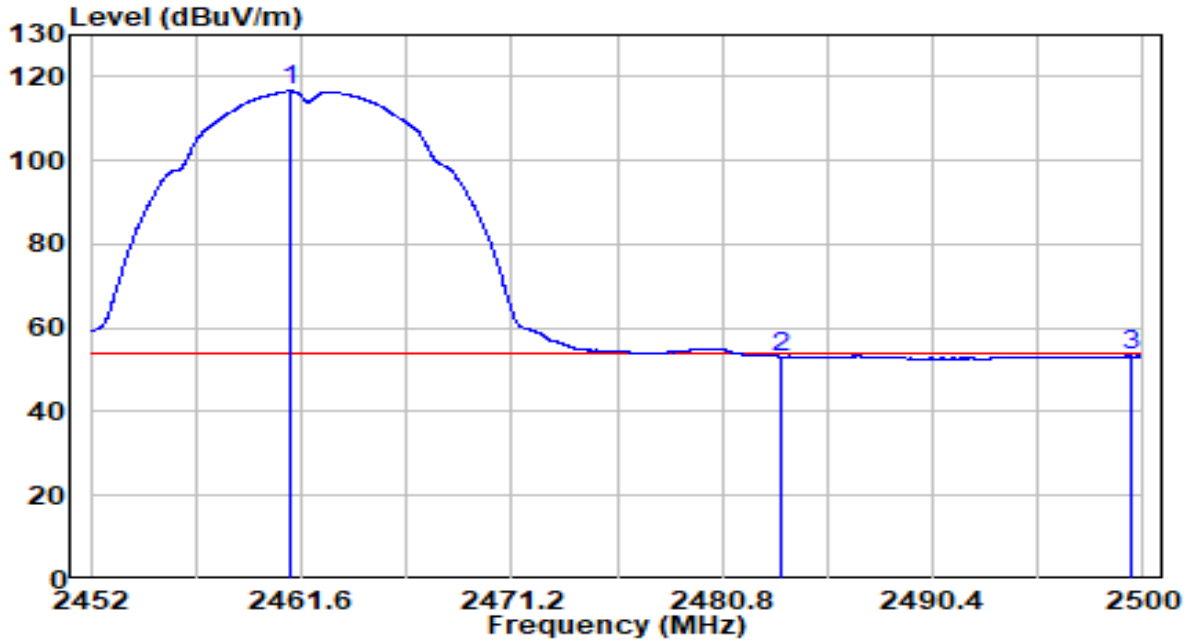


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.784	88.42	32.52	120.94	N/A	N/A	Peak
2		2483.488	32.77	32.61	65.39	-8.61	74.00	Peak
3		2490.064	34.48	32.64	67.12	-6.88	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-10
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	AC 120V/60Hz

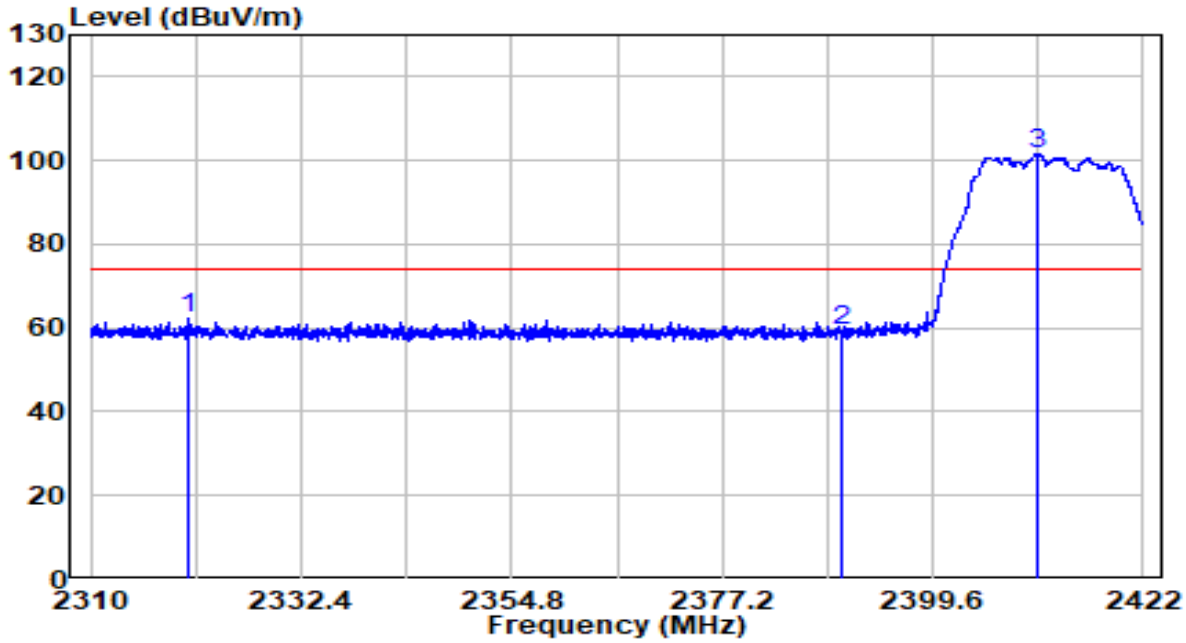


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.120	84.10	32.52	116.62	N/A	N/A	Average
2		2483.500	20.55	32.61	53.16	-0.84	54.00	Average
3		2499.448	20.69	32.68	53.37	-0.63	54.00	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

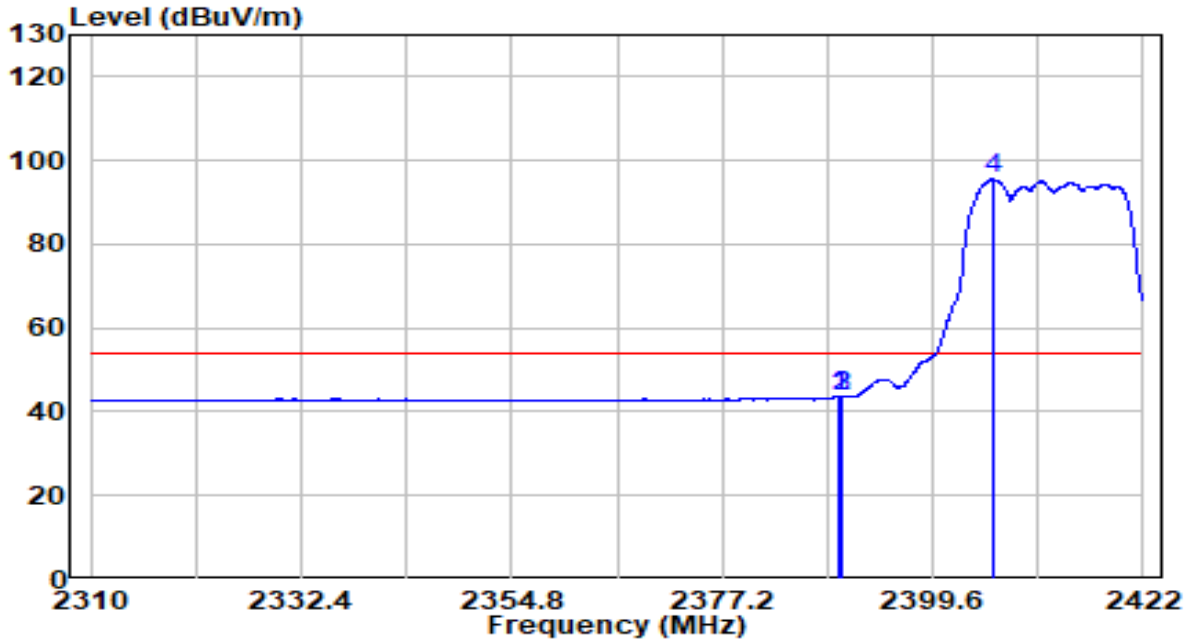


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2320.472	30.45	31.93	62.38	-11.62	74.00	Peak
2		2390.024	26.96	32.22	59.18	-14.82	74.00	Peak
3	*	2410.632	69.19	32.30	101.49	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

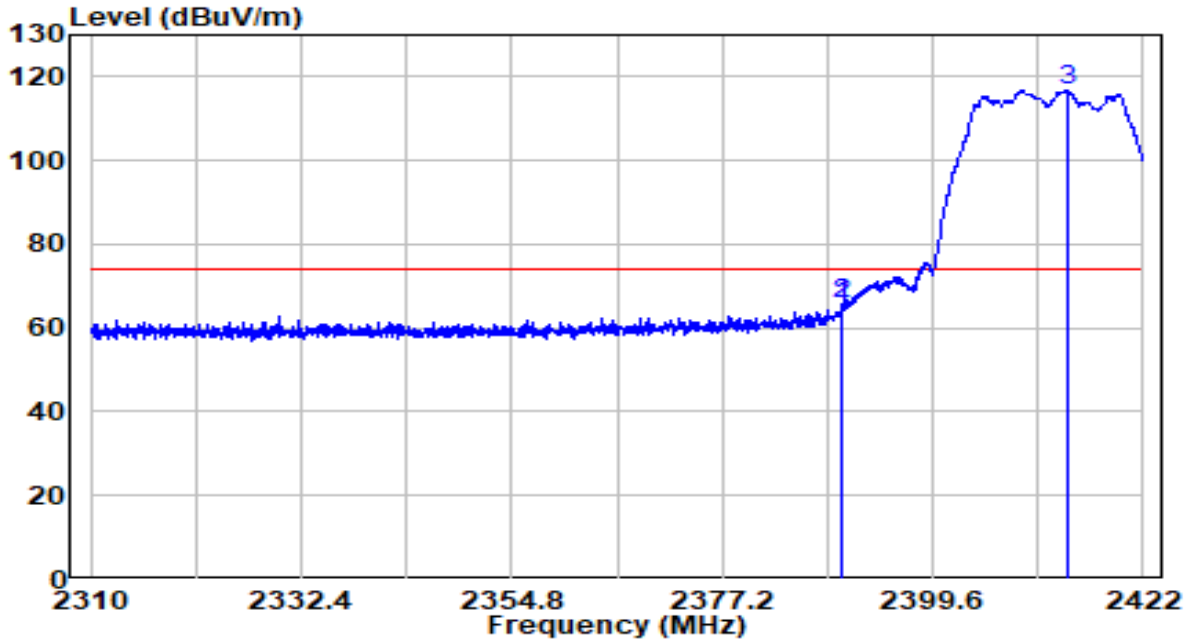


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.520	11.35	32.22	43.57	-10.43	54.00	Peak
2		2389.968	11.37	32.22	43.59	-10.41	54.00	Peak
3		2390.000	11.44	32.22	43.66	-10.34	54.00	Peak
4	*	2405.984	63.18	32.29	95.47	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

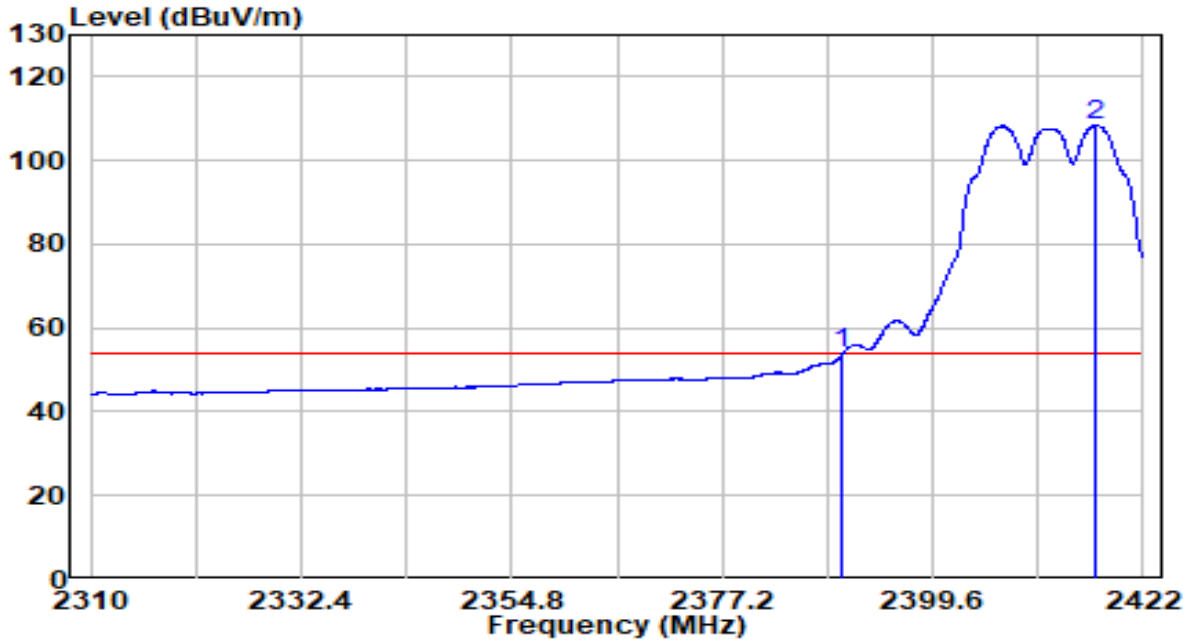


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.968	32.81	32.22	65.03	-8.97	74.00	Peak
2		2390.024	33.36	32.22	65.58	-8.42	74.00	Peak
3	*	2413.936	84.37	32.32	116.69	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	AC 120V/60Hz

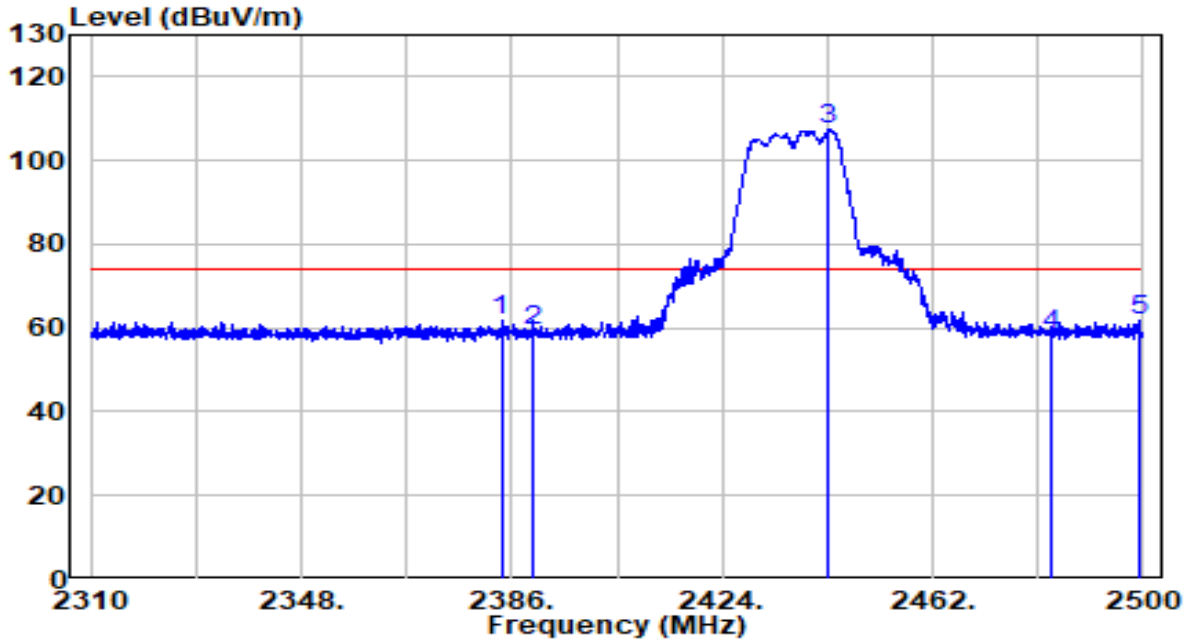


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.65	32.22	53.87	-0.13	54.00	Peak
2	*	2416.960	75.99	32.33	108.32	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

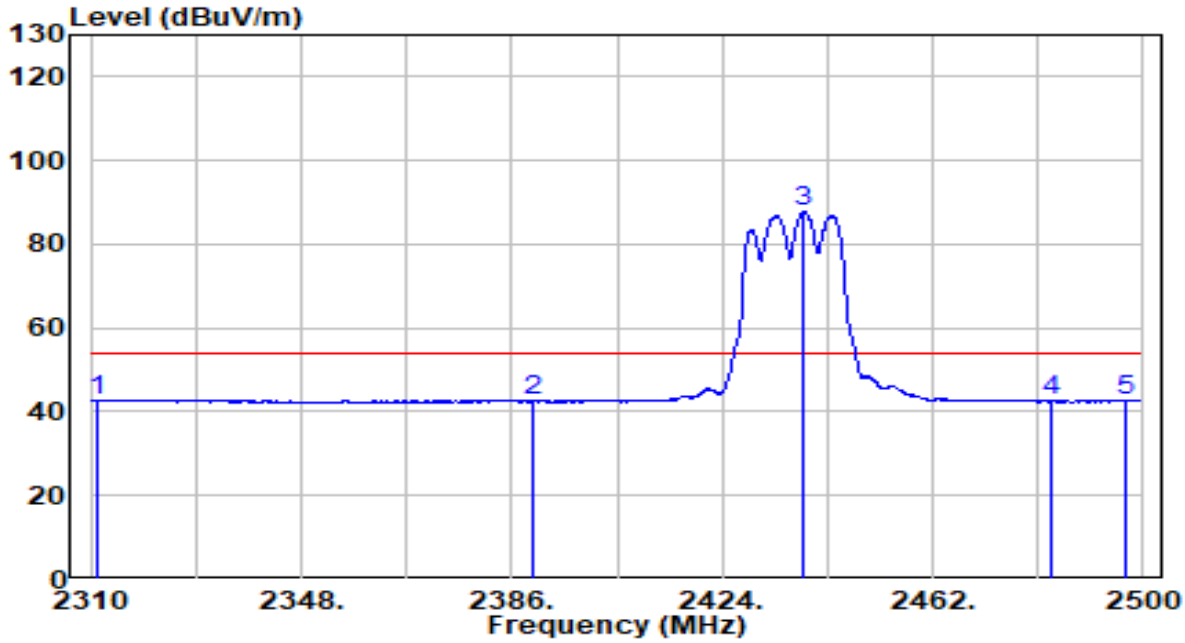


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2384.100	29.51	32.19	61.70	-12.30	74.00	Peak
2		2389.990	27.27	32.22	59.49	-14.51	74.00	Peak
3	*	2443.285	74.81	32.44	107.25	N/A	N/A	Peak
4		2483.500	25.87	32.61	58.48	-15.52	74.00	Peak
5		2499.335	29.38	32.68	62.05	-11.95	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

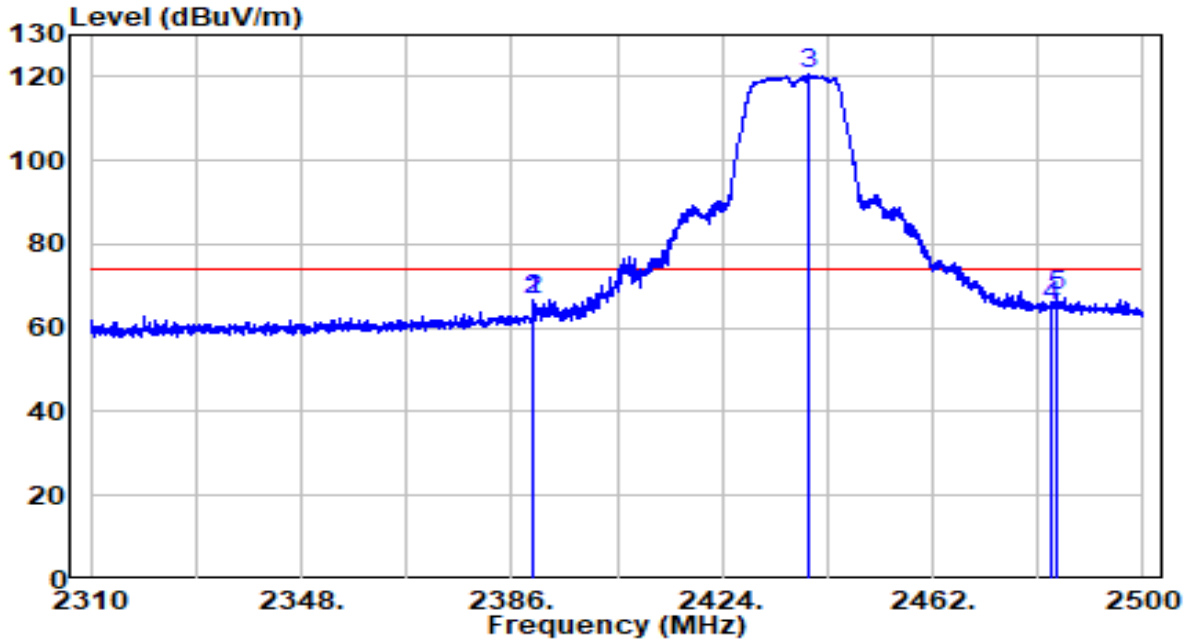


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2311.425	10.88	31.89	42.77	-11.23	54.00	Average
2		2389.990	10.24	32.22	42.46	-11.54	54.00	Average
3	*	2438.725	55.25	32.42	87.68	N/A	N/A	Average
4		2483.500	9.86	32.61	42.47	-11.53	54.00	Average
5		2496.675	10.04	32.67	42.70	-11.30	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

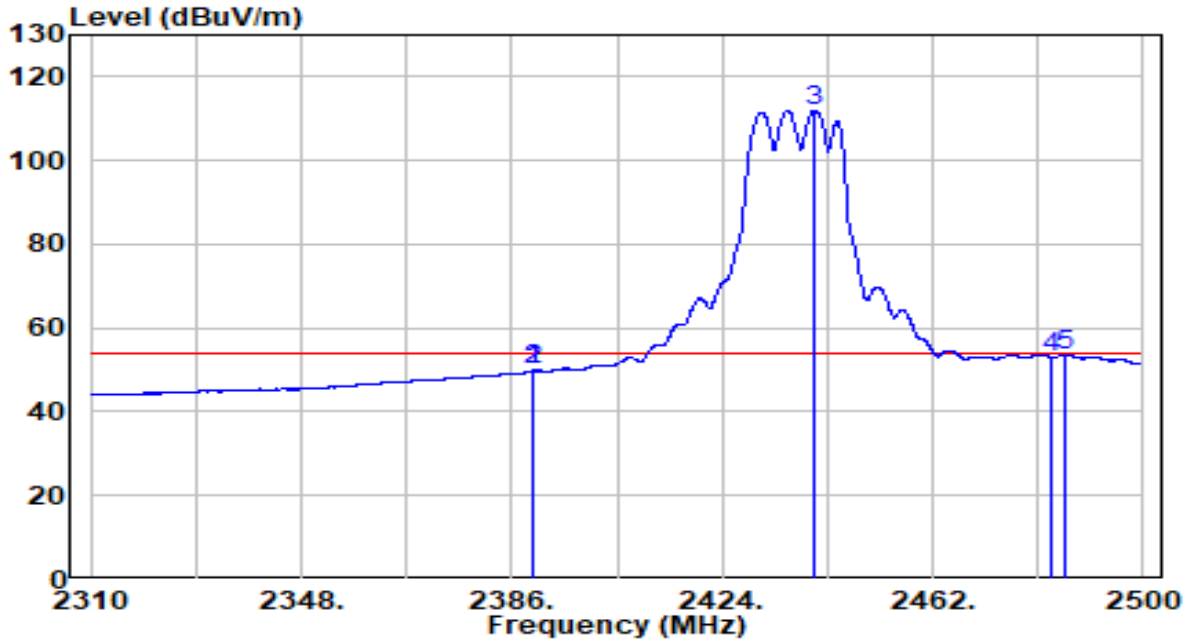


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	34.44	32.22	66.66	-7.34	74.00	Peak
2		2390.000	34.44	32.22	66.66	-7.34	74.00	Peak
3	*	2439.390	88.04	32.43	120.46	N/A	N/A	Peak
4		2483.470	32.76	32.61	65.37	-8.63	74.00	Peak
5		2484.515	34.85	32.61	67.47	-6.53	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	AC 120V/60Hz

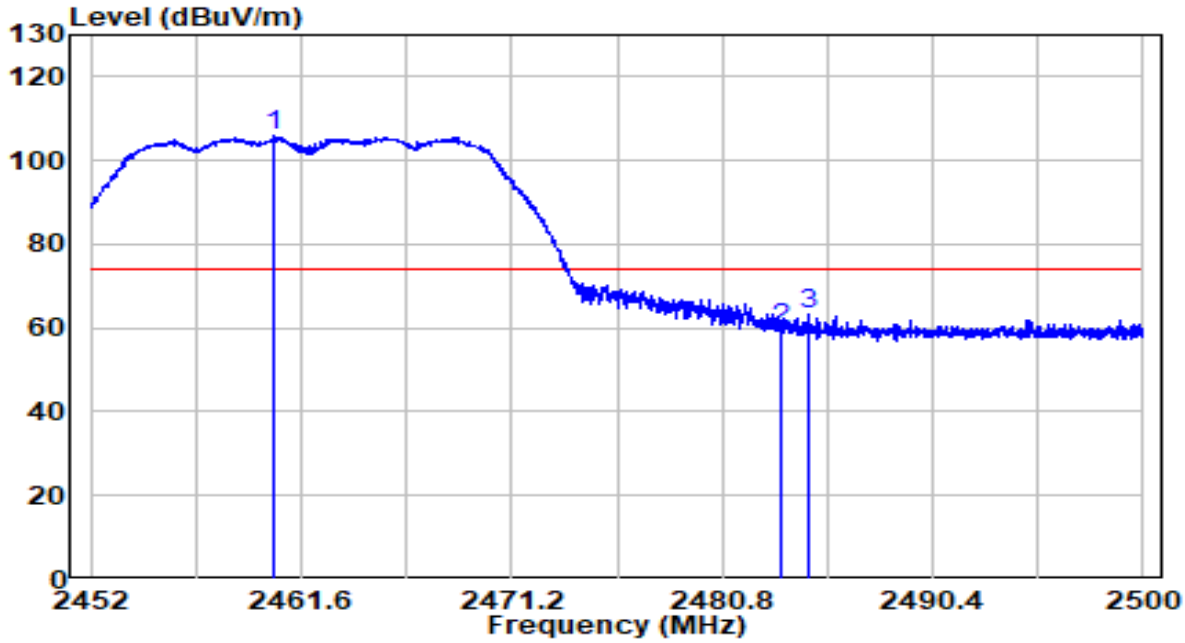


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	17.65	32.22	49.87	-4.13	54.00	Average
2		2390.000	17.65	32.22	49.87	-4.13	54.00	Average
3	*	2440.720	79.53	32.43	111.97	N/A	N/A	Average
4		2483.500	20.54	32.61	53.15	-0.85	54.00	Average
5		2485.845	20.99	32.62	53.61	-0.39	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

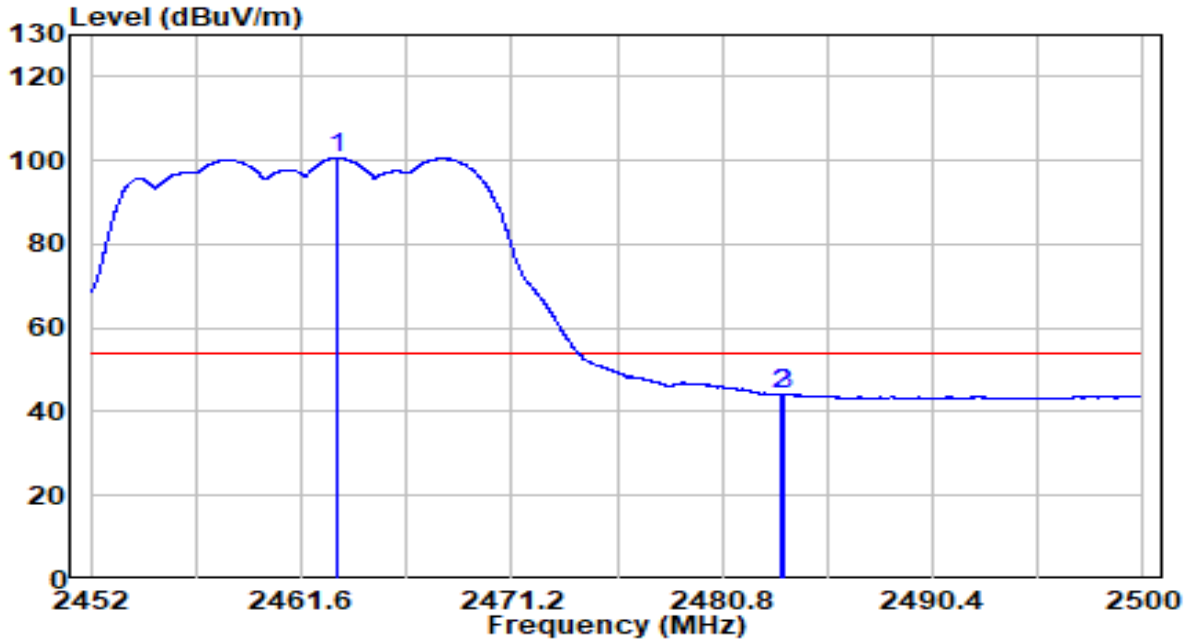


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.352	73.24	32.51	105.76	N/A	N/A	Peak
2		2483.488	27.10	32.61	59.72	-14.28	74.00	Peak
3		2484.736	30.91	32.62	63.53	-10.47	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

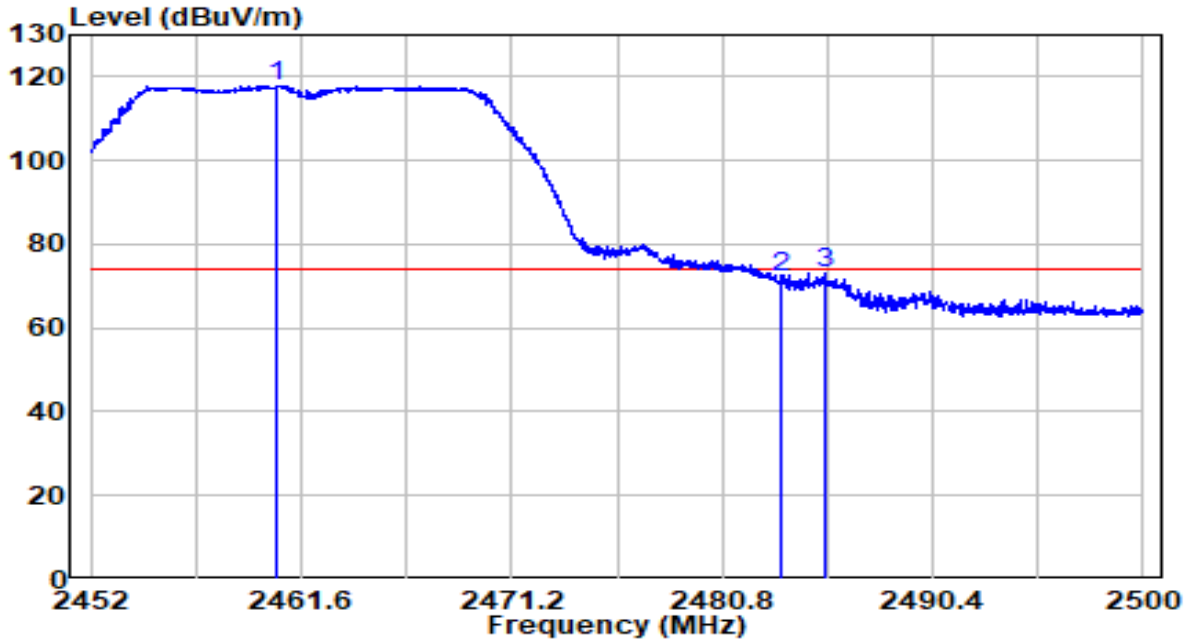


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2463.280	68.08	32.53	100.61	N/A	N/A	Average
2		2483.500	11.46	32.61	44.07	-9.93	54.00	Average
3		2483.632	11.51	32.61	44.13	-9.87	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

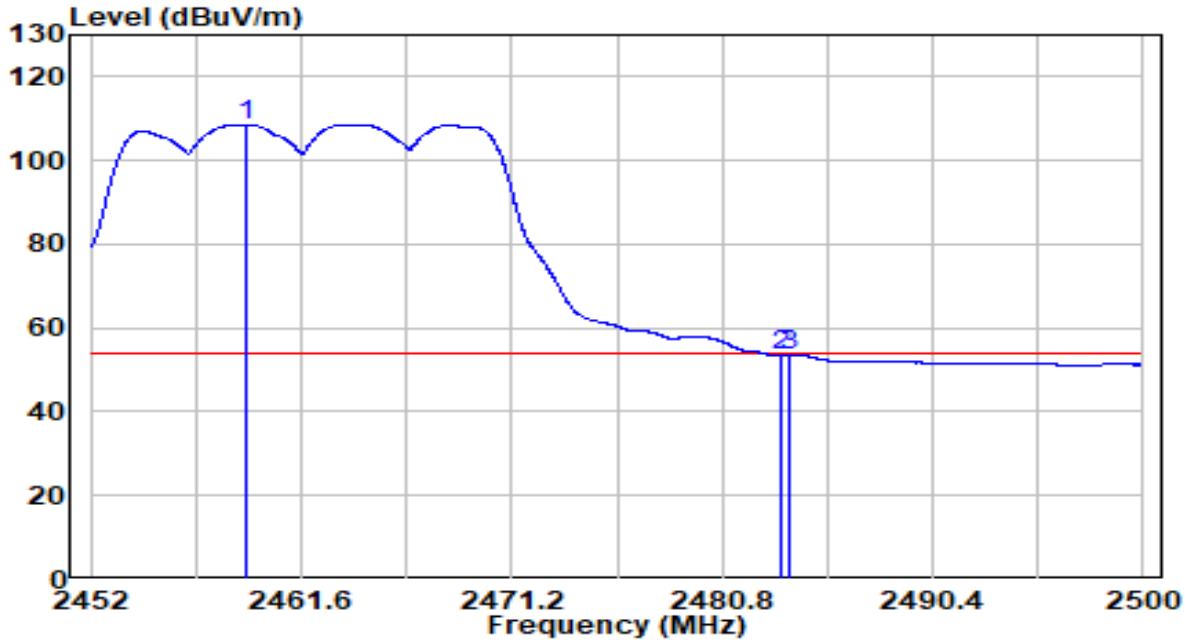


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.496	85.17	32.51	117.68	N/A	N/A	Peak
2		2483.488	39.44	32.61	72.05	-1.95	74.00	Peak
3		2485.528	40.33	32.62	72.95	-1.05	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	AC 120V/60Hz

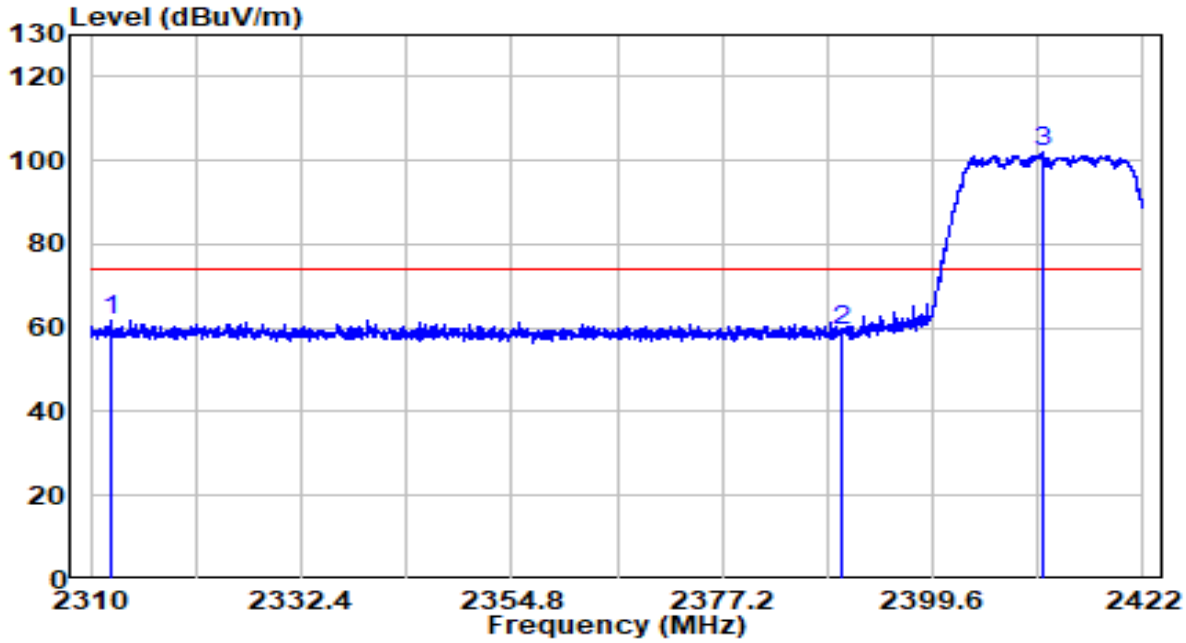


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.056	76.11	32.51	108.61	N/A	N/A	Average
2		2483.500	21.06	32.61	53.67	-0.33	54.00	Average
3		2483.920	21.10	32.61	53.72	-0.28	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

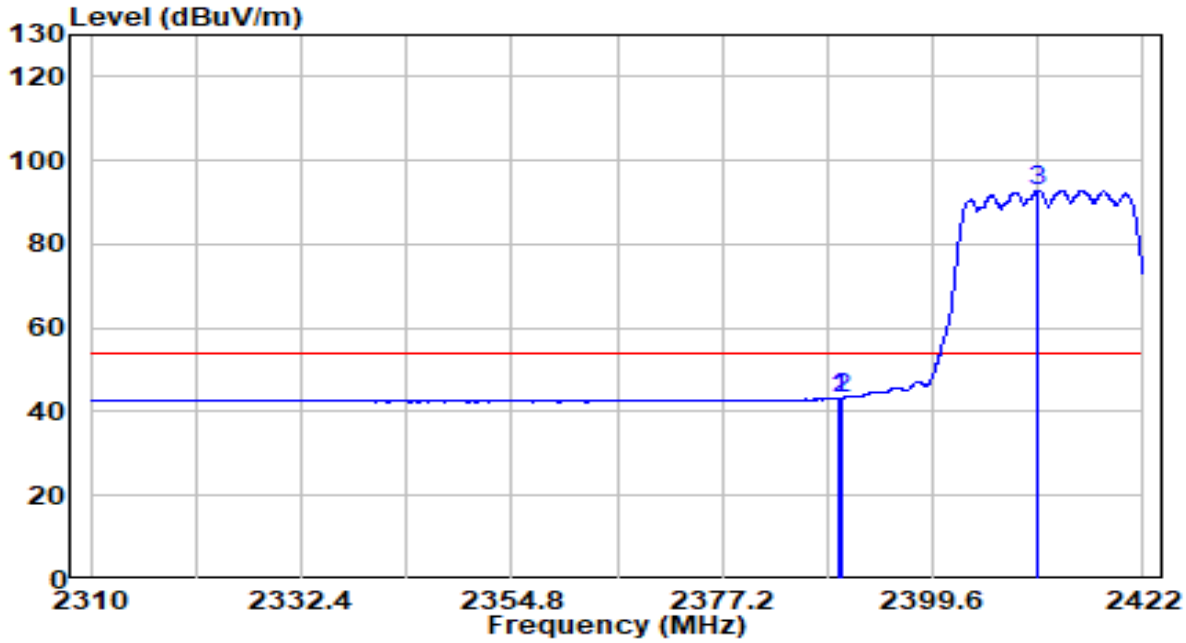


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2312.184	29.80	31.89	61.70	-12.30	74.00	Peak
2		2390.024	26.90	32.22	59.12	-14.88	74.00	Peak
3	*	2411.248	69.58	32.31	101.89	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

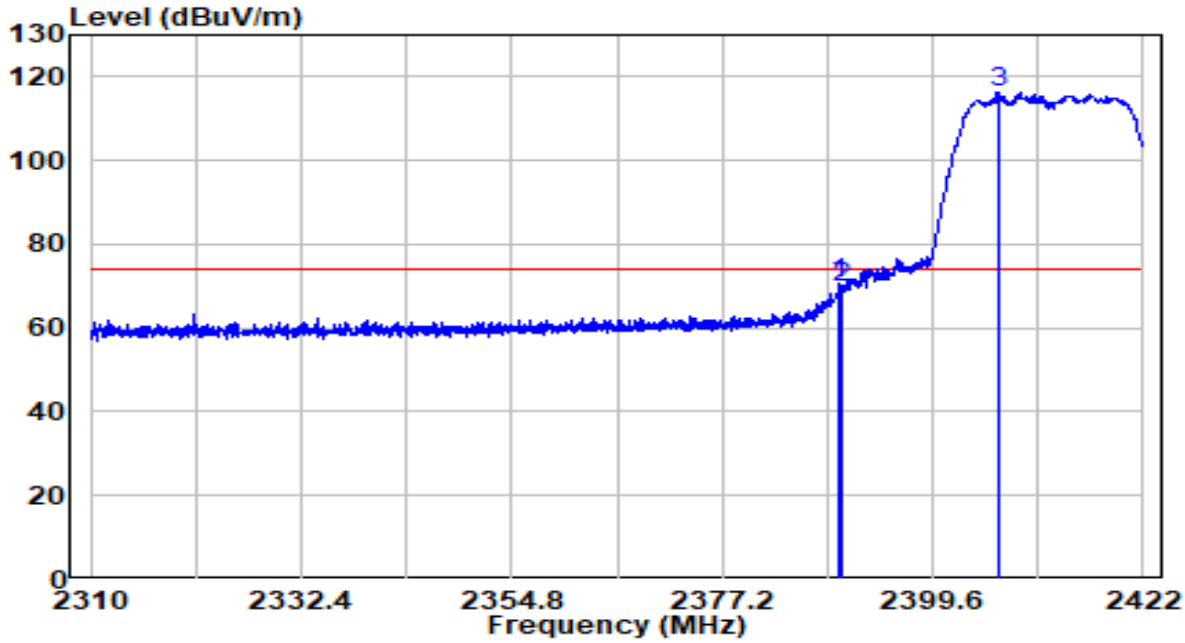


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.632	11.17	32.22	43.38	-10.62	54.00	Average
2		2390.024	11.10	32.22	43.32	-10.68	54.00	Average
3	*	2410.856	60.51	32.31	92.81	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

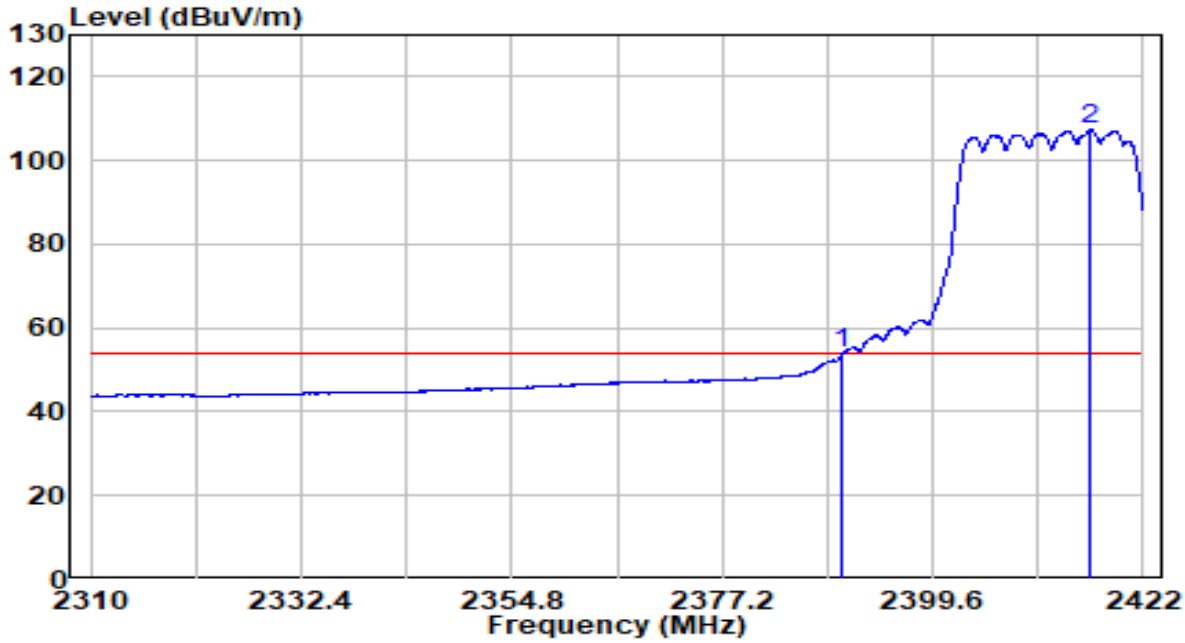


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.576	38.54	32.22	70.76	-3.24	74.00	Peak
2		2390.024	37.44	32.22	69.65	-4.35	74.00	Peak
3	*	2406.656	83.96	32.29	116.25	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	AC 120V/60Hz

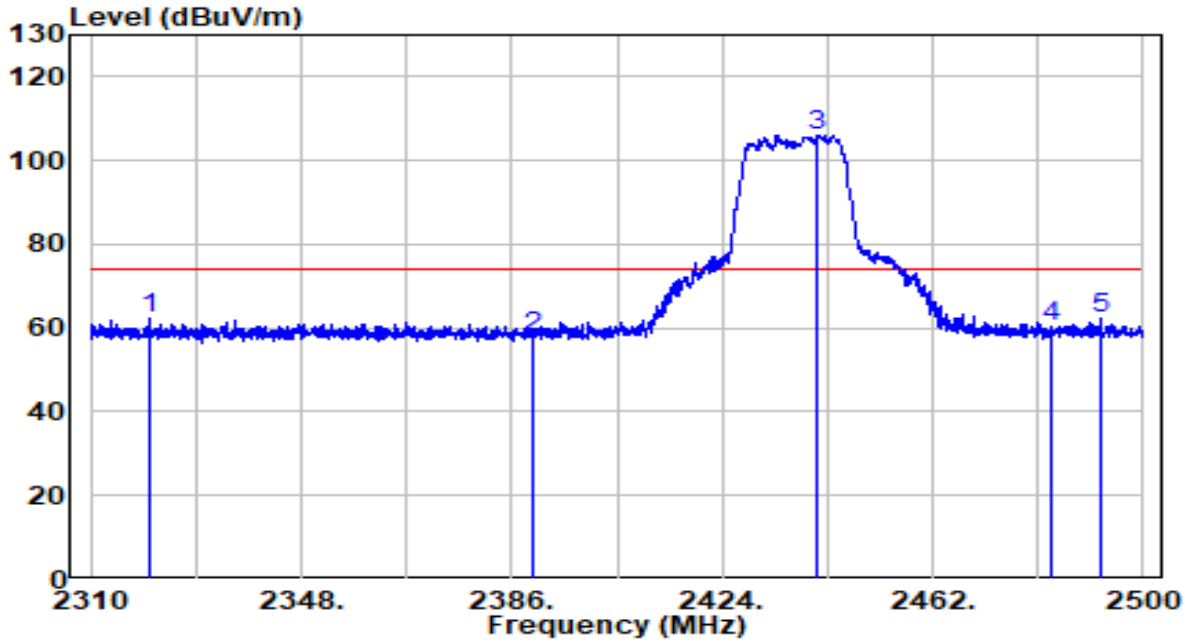


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.56	32.22	53.78	-0.22	54.00	Average
2	*	2416.400	74.89	32.33	107.22	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

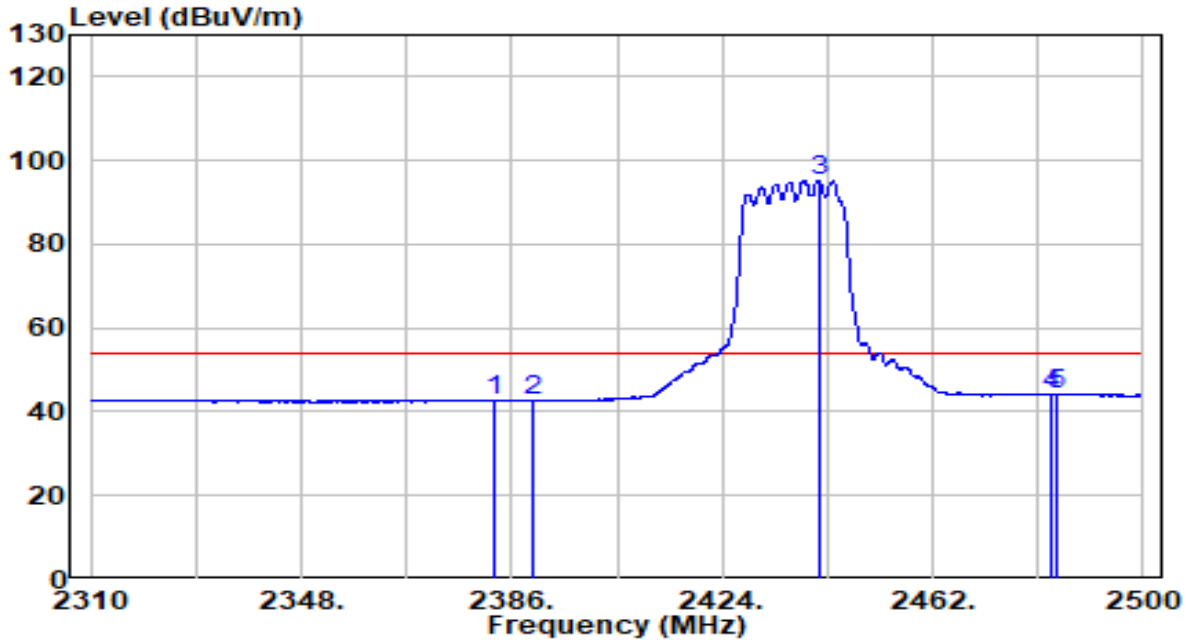


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2320.450	30.18	31.93	62.10	-11.90	74.00	Peak
2		2389.990	25.60	32.22	57.81	-16.19	74.00	Peak
3	*	2441.195	73.58	32.43	106.01	N/A	N/A	Peak
4		2483.500	27.78	32.61	60.39	-13.61	74.00	Peak
5		2492.400	29.45	32.65	62.10	-11.90	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

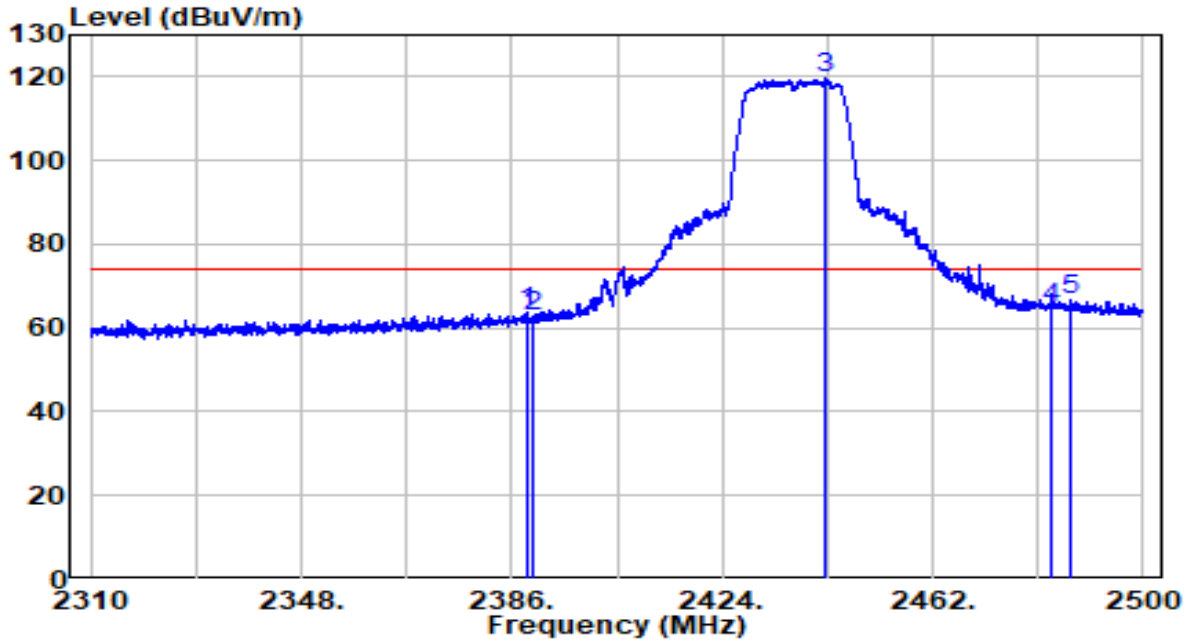


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2382.960	10.63	32.19	42.82	-11.18	54.00	Average
2		2389.990	10.51	32.22	42.73	-11.27	54.00	Average
3	*	2441.385	62.93	32.43	95.36	N/A	N/A	Average
4		2483.500	11.62	32.61	44.23	-9.77	54.00	Average
5		2484.610	11.73	32.62	44.34	-9.66	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

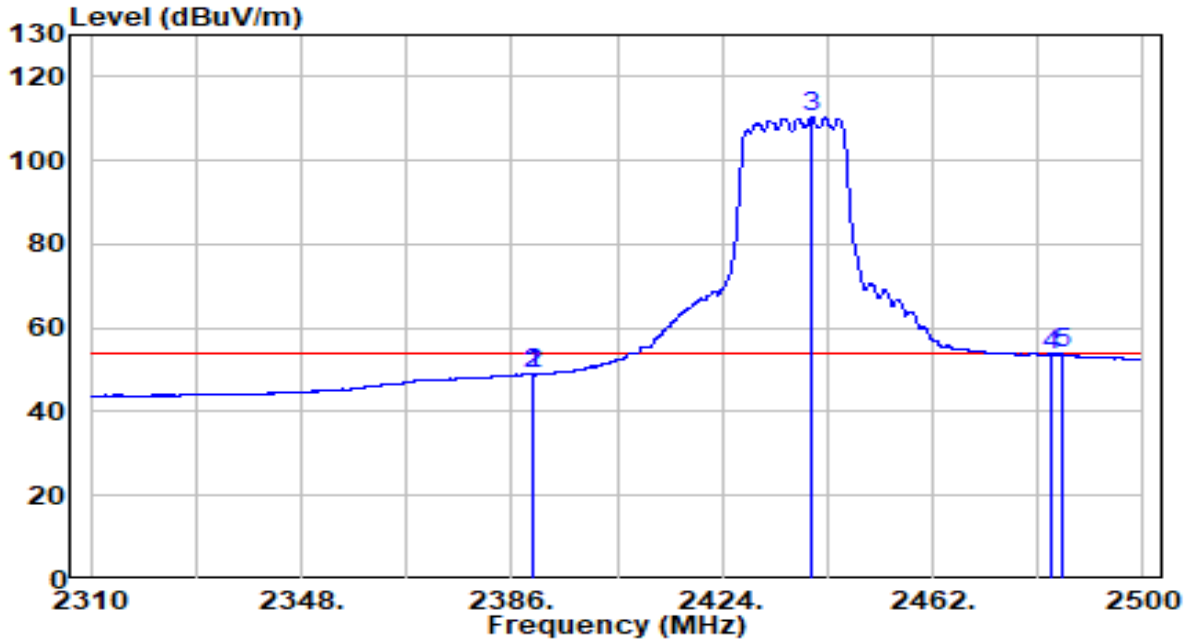


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.755	31.35	32.21	63.56	-10.44	74.00	Peak
2		2389.990	30.51	32.22	62.72	-11.28	74.00	Peak
3	*	2442.810	87.06	32.44	119.50	N/A	N/A	Peak
4		2483.500	32.38	32.61	64.99	-9.01	74.00	Peak
5		2486.985	34.01	32.63	66.64	-7.36	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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 120V/60Hz

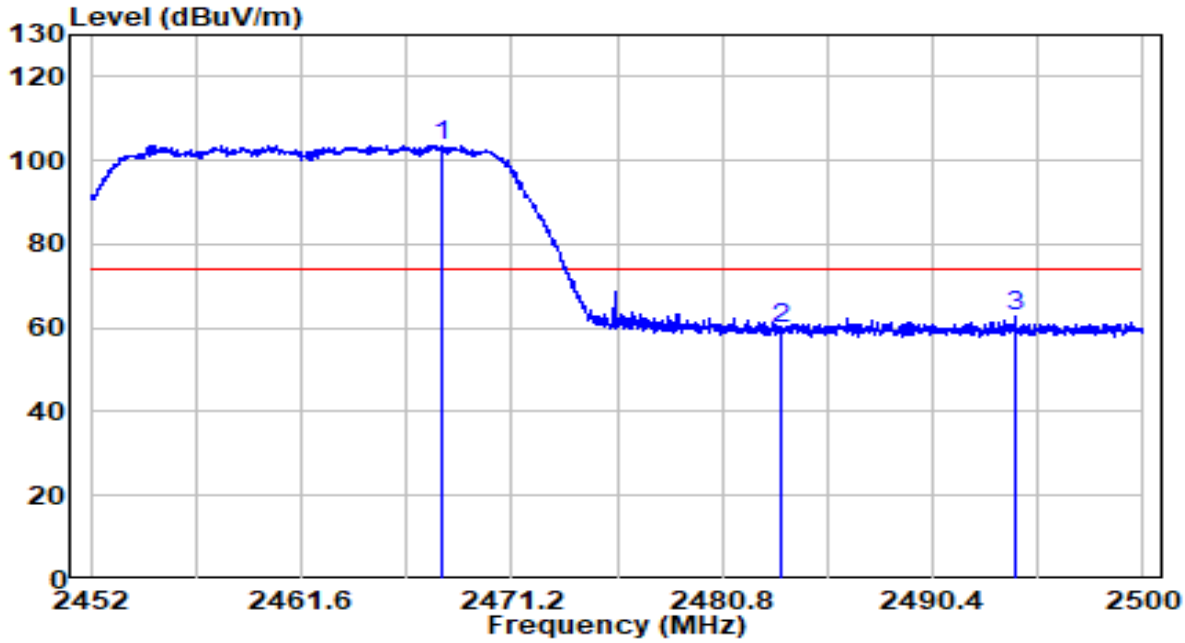


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.705	16.78	32.22	49.00	-5.00	54.00	Average
2		2390.000	16.67	32.22	48.88	-5.12	54.00	Average
3	*	2440.150	77.89	32.43	110.32	N/A	N/A	Average
4		2483.500	21.04	32.61	53.65	-0.35	54.00	Average
5		2485.180	21.15	32.62	53.77	-0.23	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

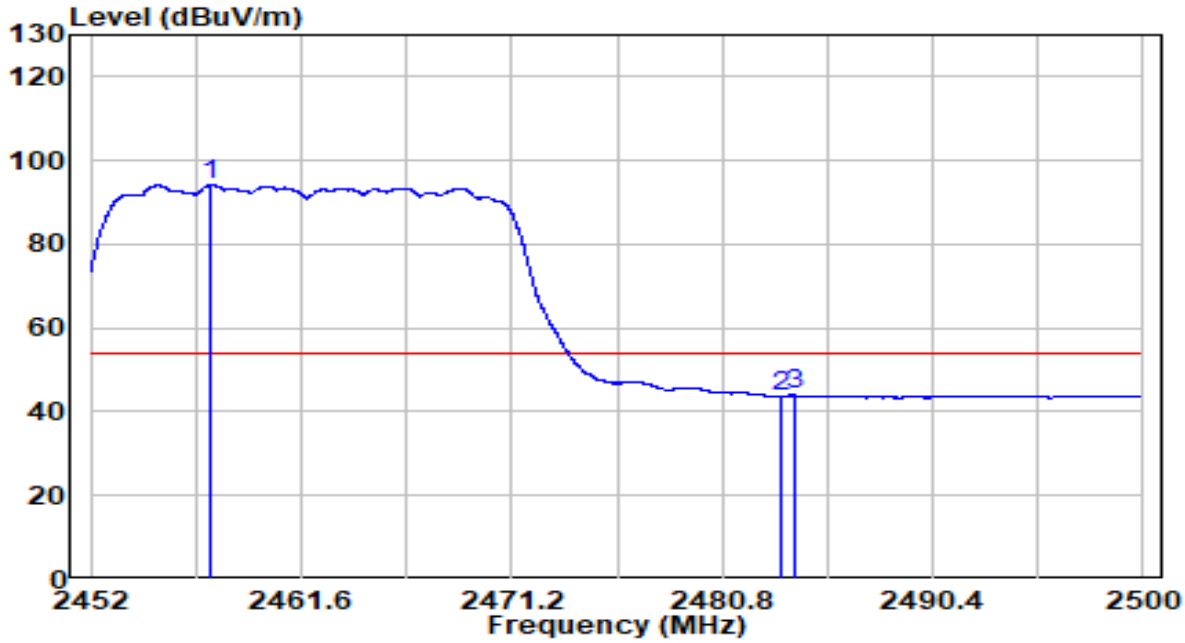


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.984	71.12	32.55	103.67	N/A	N/A	Peak
2		2483.488	27.25	32.61	59.86	-14.14	74.00	Peak
3		2494.120	30.03	32.66	62.68	-11.32	74.00	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

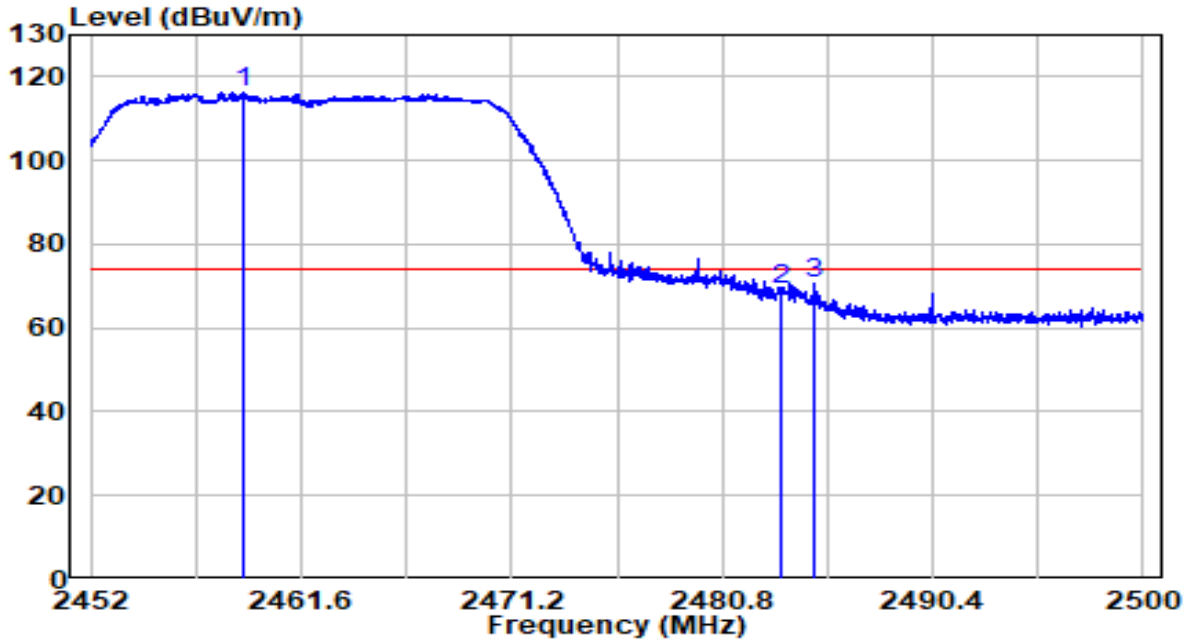


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.496	61.55	32.50	94.05	N/A	N/A	Average
2		2483.488	11.16	32.61	43.77	-10.23	54.00	Average
3		2484.112	11.38	32.61	43.99	-10.01	54.00	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

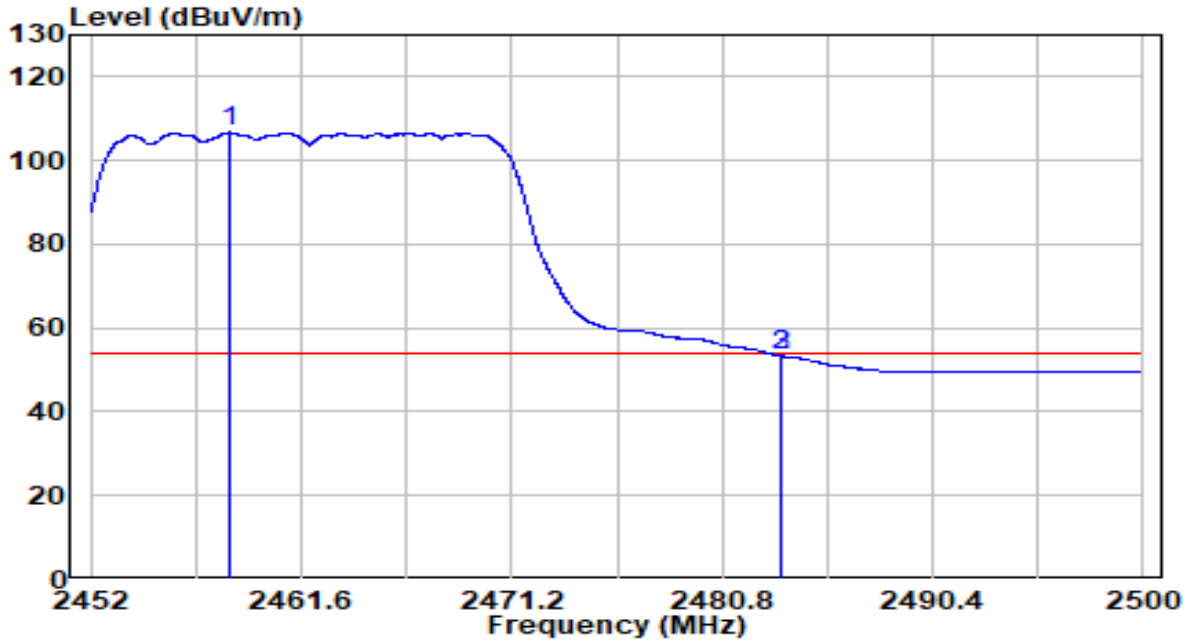


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.008	83.79	32.51	116.29	N/A	N/A	Peak
2		2483.488	36.69	32.61	69.30	-4.70	74.00	Peak
3		2485.048	38.12	32.62	70.73	-3.27	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	AC 120V/60Hz

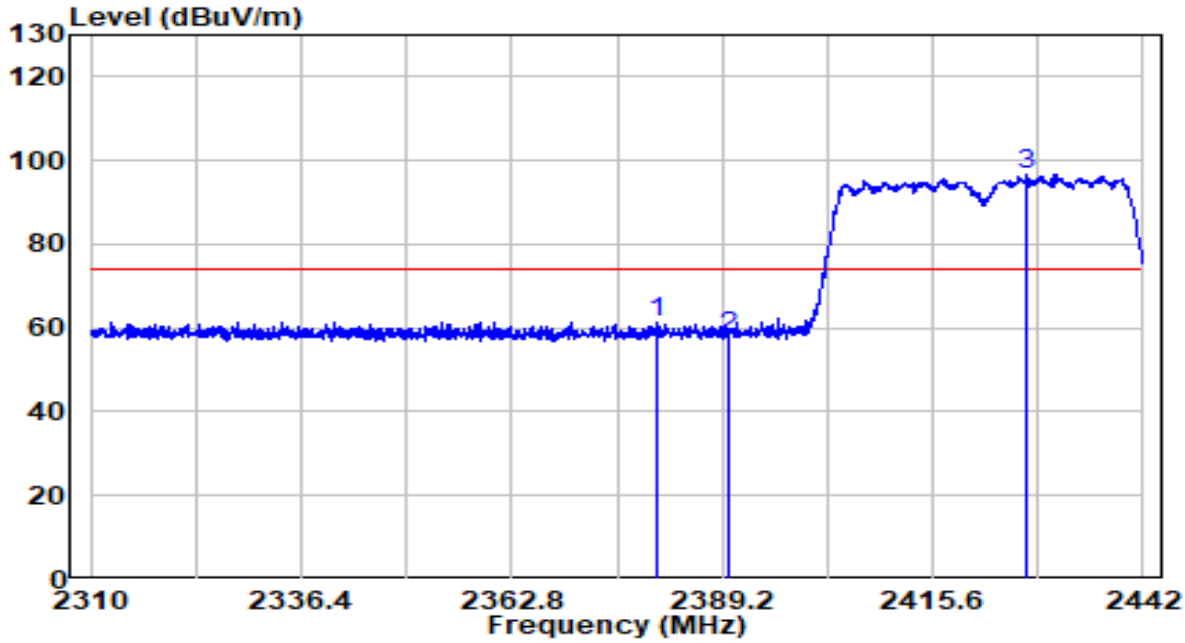


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.336	74.23	32.51	106.74	N/A	N/A	Average
2		2483.500	20.70	32.61	53.31	-0.69	54.00	Average
3		2483.512	20.70	32.61	53.31	-0.69	54.00	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

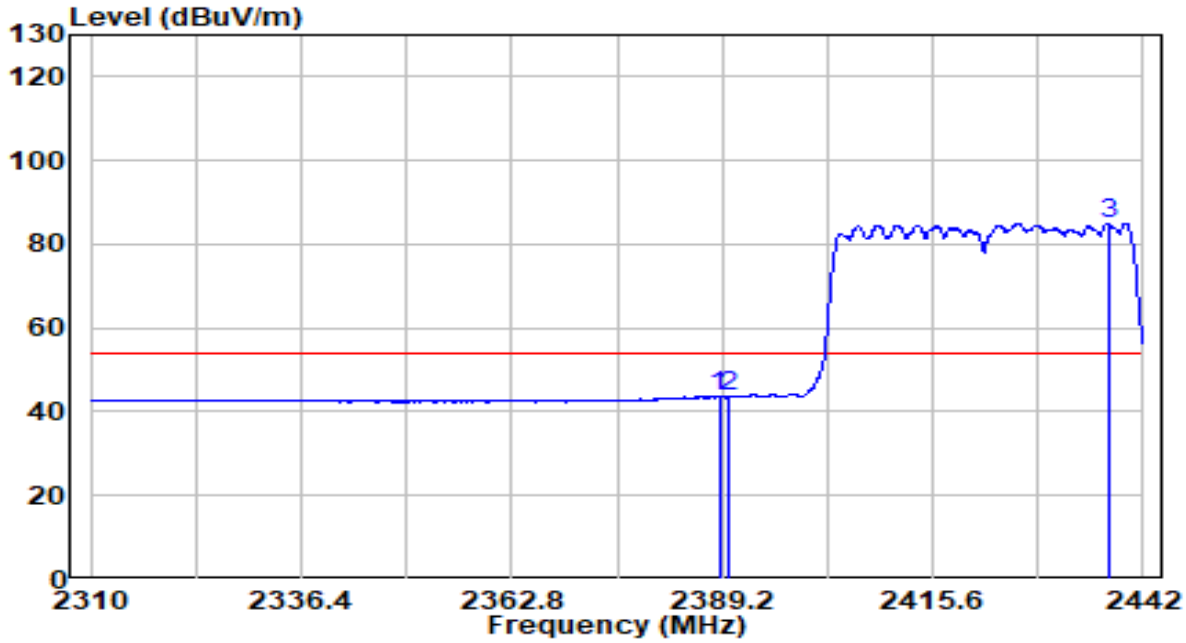


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2380.950	29.34	32.18	61.52	-12.48	74.00	Peak
2		2390.000	25.78	32.22	57.99	-16.01	74.00	Peak
3	*	2427.282	64.26	32.37	96.63	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

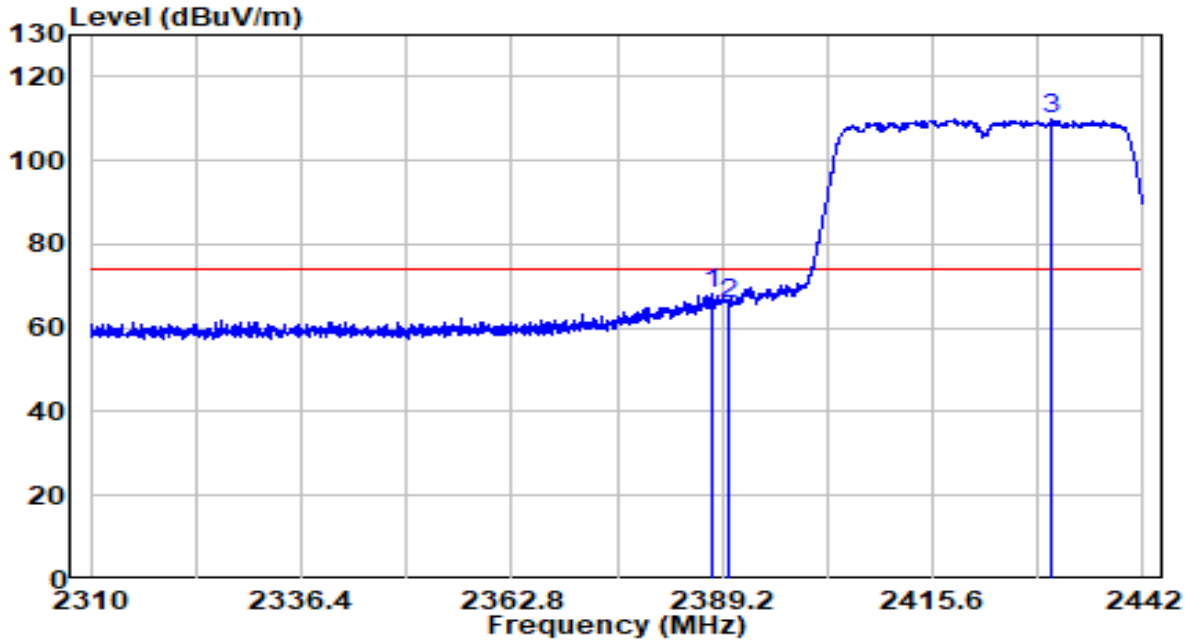


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.804	11.44	32.21	43.66	-10.34	54.00	Average
2		2389.992	11.31	32.22	43.53	-10.47	54.00	Average
3	*	2437.578	52.58	32.42	84.99	N/A	N/A	Average

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	AC 120V/60Hz

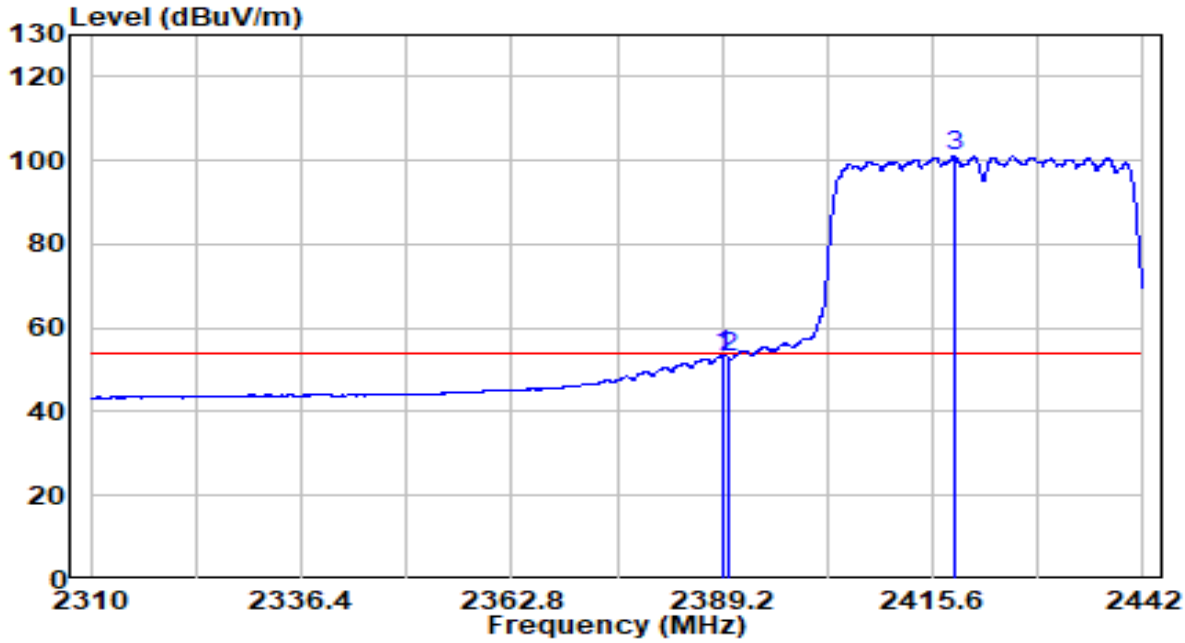


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2387.814	35.93	32.21	68.14	-5.86	74.00	Peak
2		2390.000	33.50	32.22	65.72	-8.28	74.00	Peak
3	*	2430.516	77.43	32.39	109.82	N/A	N/A	Peak

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	AX5400 Tri-Band Wi-Fi 6 Router	Date of Test	2021-09-14
Factor	BBHA 9120D	Temp. / Humidity	24.6°C/47%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	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		2389.398	21.40	32.22	53.62	-0.38	54.00	Average
2		2390.000	20.78	32.22	53.00	-1.00	54.00	Average
3	*	2418.240	68.59	32.34	100.92	N/A	N/A	Average

Note:

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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.