

NCC

低功率射頻器材型式試驗報告

產品名稱: AX5400 三頻 Wi-Fi 6 路由器
型號: Archer AX75
廠牌: tp-link
申請者: 聯洲國際有限公司
申請者地址: 新北市板橋區中山路一段 156 號 4 樓
測試標準: LP0002 (109 年版)
參考法規: ANSI C63.10-2013
測試結果: 符合
接收日期: 2021.05.26
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本測試報告非經本公司同意不可局部複製使用

修訂紀錄

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1. 一般資訊

申請者	聯洲國際有限公司
申請者地址	新北市板橋區中山路一段 156 號 4 樓
製造商	普聯技術有限公司
製造商地址	深圳市南山區深南路科技園工業廠房 24 棟南段 1 層、3-5 層、28 棟北段 1-4 層
實驗室	台灣曼瑞檢測科技有限公司
實驗室地址	33377 台灣桃園市龜山區復興二路 38 號
實驗室資訊	1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm. 2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada. 3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry Taiwan, EU and TELEC Rules.
實驗室測試環境條件	溫度 (°C) : 20-35 / 濕度 (%RH) : 30-65

2. 產品資訊

2.1. 待測物裝置資料

產品名稱	AX5400 三頻 Wi-Fi 6 路由器
產品型號	Archer AX75
待測物額定電壓	AC 100 ~ 240V/50~60Hz
無線規格	802.11b/g/n/ax
頻率範圍	802.11b/g/n-HT20 /ax-HE20: 2412 ~ 2462MHz 802.11n-HT40 /ax-HE40: 2422 ~ 2452MHz
通道數量	802.11b/g/n-HT20 /ax-HE20: 11 802.11n-HT40 /ax-HE40: 7
調變模式	DSSS for IEEE 802.11b, OFDM for IEEE 802.11g/n, OFDMA for IEEE 802.11ax
Data Rate:	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ax: up to 574Mbps
頻道控制	Auto
附件	
電源供應器	Brand : Mass Power Electronic Limited Model: NBS30D120250VU INPUT: 100-240~50/60Hz 0.8A OUTPUT: DC12.0V, 2.5A
網路線	Brand : 深圳市永鉅電子有限公司 Model No. : RJ45 Cable Length : 1.2m

2.2. 通道清單

802.11b/g/n-HT20/ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

802.11n-HT40/ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

2.3. 測試模式

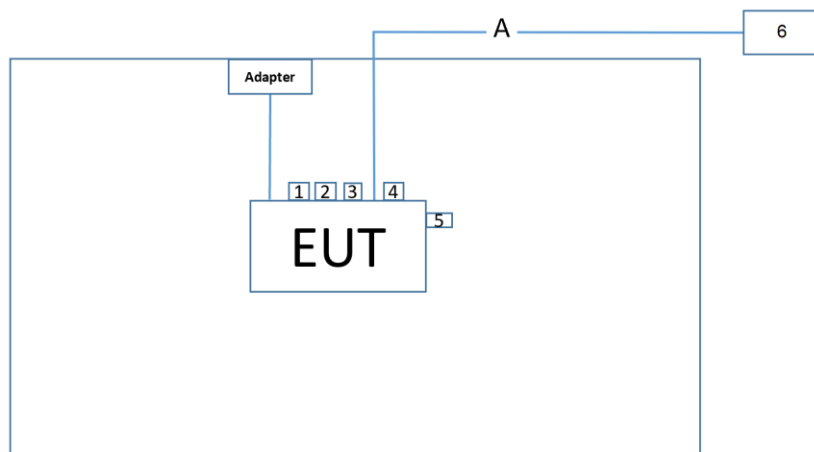
Mode 1: 發射器 802.11b (1Mbps) (CDD mode)
Mode 2: 發射器 802.11g (6Mbps) (CDD mode)
Mode 3: 發射器 802.11n-HT20 (MCS0) (CDD mode)
Mode 4: 發射器 802.11n-HT40 (MCS0) (CDD mode)
Mode 5: 發射器 802.11ax-HE20 (MCS0) (CDD mode)
Mode 6: 發射器 802.11ax-HE40 (MCS0) (CDD mode)
Mode 7: 發射器 802.11ax-HE20 (MCS0) (Beamforming mode)
Mode 8: 發射器 802.11ax-HE40 (MCS0) (Beamforming mode)
Mode 9: 接收器 802.11n-HT20

備註:

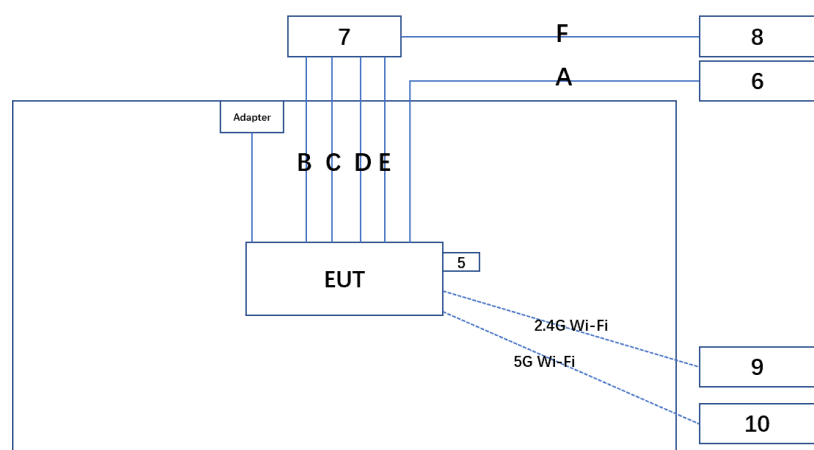
經工程判斷, CDD mode 為 worst-case mode, 故 CDD mode 下評估所有測試項, Beamforming mode 只評估傳導輸出功率。

2.4. 測試系統組合圖

Connection Diagram – 輻射干擾測試 & 電源端點干擾測試(Mode 1~9)



Connection Diagram – 輻射干擾測試 & 電源端點干擾測試(Mode 10)



Cable Type		Cable Description
A~E	LAN Cable	Non shielded, > 10m
F	LAN Cable	Non shielded, 1.5 m

2.5. 測試周邊

	Product	Brand	Model No.	Serial No.	Power Cord
1~4	Simulated load	N/A	001	N/A	N/A
5	USB Flash	Transcend	TS16GJF790K	N/A	N/A
6	Notebook	Lenovo	E431	PF-10ZRN 13/12	Non-Shielded, 1.8m
7	Switch	tp-link	TL-SG5428	N/A	N/A
8	Notebook PC	Lenovo	T450	N/A	Non-shielded, 0.8m
9	Mobile Phone	meitu	MP1701	N/A	N/A
10	Notebook PC	Lenovo	T450	N/A	Non-shielded, 0.8m

2.6. 待測裝置測試時之典型操作程式

1.	Setup the EUT and simulators as shown on 2.4
2.	Turn on the power of all equipment.
3.	Execute “accessMTool_REL_3_0_0_6” program.
4.	Configure the test channel and the data rate.
5.	Start test.

3. 量測不確定度

電源傳導量測-電源線 (Conducted Emission- Power Line)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 2.53dB
電源傳導量測-通訊埠 (Conducted Emission- Impedance Stabilization Network Measurement)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.96dB
輻射干擾量測 (Radiated Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.92dB (Below 30M)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.25dB (30M~1G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.40dB (1G~18G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.45dB (18G~40G)
頻率誤差量測 (Frequency Error)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 78.4\text{Hz}$
傳導功率量測 (Conducted Power)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.84\text{dB}$
傳導干擾量測 (Conducted Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 2.65\text{ dB}$
佔用頻寬量測 (Occupied Bandwidth)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.3%
溫度 / 濕度 (Temp. / Humidity)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.82^{\circ}\text{C} / \pm 3\%$
直流電源 (DC Voltage)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.3\%$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

4. 測試設備明細

電源傳導 – SR2

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2022/3/23
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2022/4/28
EMI Test Receiver	R&S	ESR3	MRTTWA00045	1 year	2022/5/25
Temperature/Humidity Meter	TFA	35.1078.10.IT	MRTTWA00033	1 year	2022/8/27

輻射干擾 – AC1

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2022/10/4
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2022/5/6
Broadband Hornantenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2022/4/21
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2022/4/28
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2022/4/21
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2022/4/26
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2022/3/23
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2022/3/24
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/10/13
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2022/6/15
Temperature/Humidity Meter	TFA	35.1078.10.IT	MRTTWA00032	1 year	2022/8/27

傳導量測設備 –SR2

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2022/4/21
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/10/13
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2022/10/13
Attenuator	WTI	218FS-20	MRTTWE00026	1 year	2022/5/30
Attenuator	WTI	218FS-10	MRTTWE00027	1 year	2022/5/30
Attenuator	WTI	218FS-06	MRTTWE00028	1 year	2022/5/30
DIVA PLUS Funk-Wetterstation	TFA	35.1083	MRTTWA00050	1 year	2022/6/3
Temperature/Humidity Meter	TFA	35.1078.10.IT	MRTTWA00033	1 year	2022/8/27

EMI 測試軟體

軟體名稱	廠牌	版本
e3	Audix	9.160520a
EMI	Quietek	V3

5. 測試結果

產品名稱 AX5400 三頻 Wi-Fi 6 路由器
型號 Archer AX75

章節	量測項目	限制值	測試結果	測試數據
3.3	電源傳導	低功率射頻器材技術規範 3.3 節	符合	第 5.1 章節
4.10.1.2	峰值傳導輸出功率	$\leq 30.00\text{dBm}$	符合	第 5.2 章節
4.10.1.3	天線之要求	低功率射頻器材技術規範 4.10.1.3 節	符合	第 5.3 章節
4.10.1.5	帶外發射限制	$\leq 30\text{dBc(Average)}$	符合	第 5.4 章節
3.6	輻射電場強度	低功率射頻器材技術規範 3.6 節	符合	第 5.5 章節
3.5	頻帶邊緣	$\leq 74\text{dBuV/m(Peak)}$ $\leq 54\text{dBuV/m(Average)}$	符合	第 5.6 章節
4.10.1.6(2)(A)	佔用頻寬	$\geq 500\text{kHz}$	符合	第 5.7 章節
4.10.1.6(2)(B)	功率頻譜密度	$\leq 8\text{dBm}$	符合	第 5.8 章節

5.1. 電源端點干擾測試

5.1.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.3 節，以市電為電源之低功率射頻器材，其傳導回電源線上頻率自 150kHz 至 30MHz 之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限值。測量時應經過 50 微亨利(μH)及 50 歐姆(Ω)之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值為準。

Frequency 頻率範圍 MHz	傳導限制值(dBuV)	
	準尖峰值	平均值
0.15 - 0.50	66-56 ^(註)	56-46 ^(註)
0.50 - 5.0	56	46
5.0 - 30	60	50

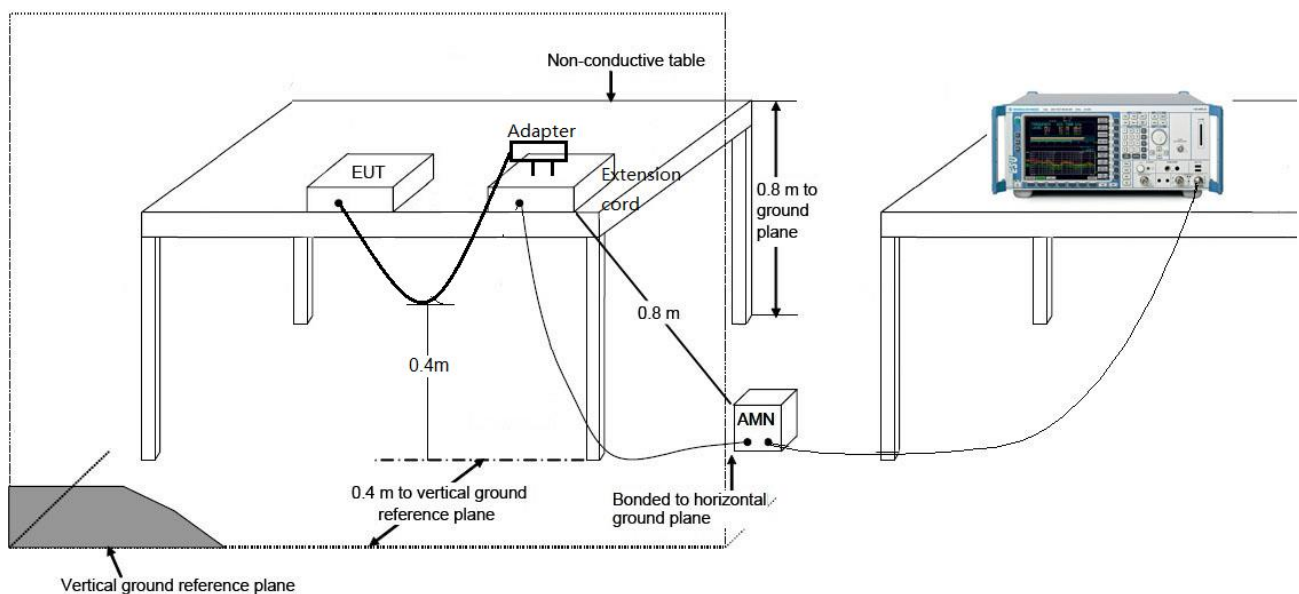
註:隨頻率之對數遞減

5.1.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至 LISN 距 80 公分，並將電源線多餘部份以 30 至 40 公分之八字形捆綁於電源線中央並離地 40cm，於在正常工作狀態下，執行待測物之火線(Line)及地線(neutral)各一次量測。電源端點場強之測量範圍由 0.15MHz -30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為 9kHz。

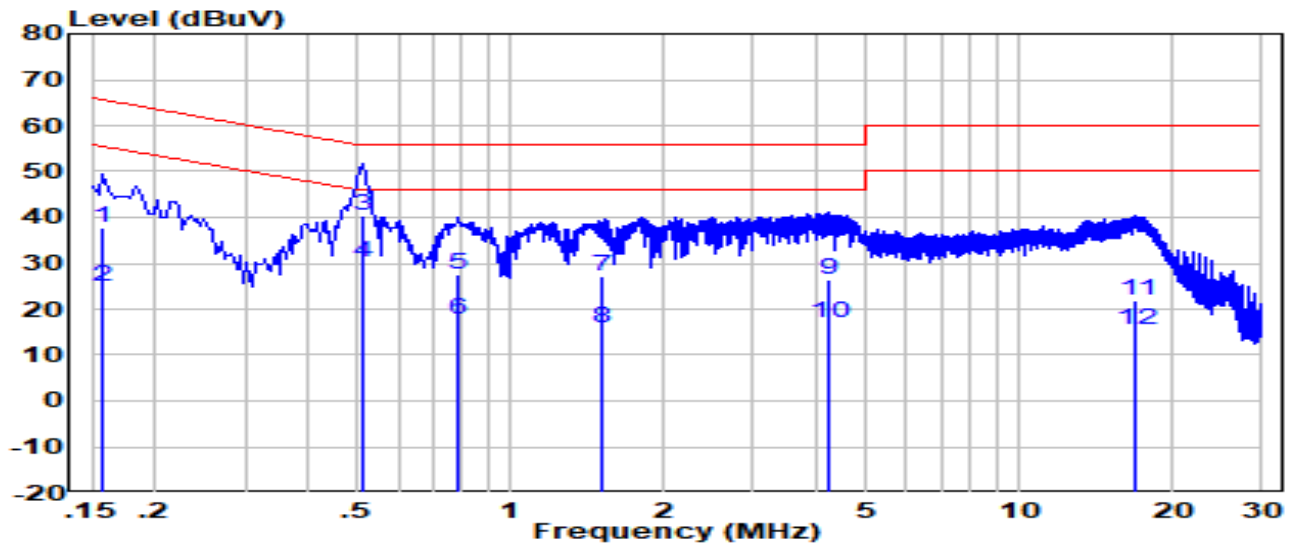
備 註: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

5.1.3. 測試架構圖



5.1.4. 電源端點測試結果

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-09-15
Factor	CE_ENV216-L1 (Filter OFF)_2021	Temp. / Humidity	27°C /46.8%
Polarity	Line1	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11b at channel 2437MHz	Test Voltage	AC 110V/60Hz

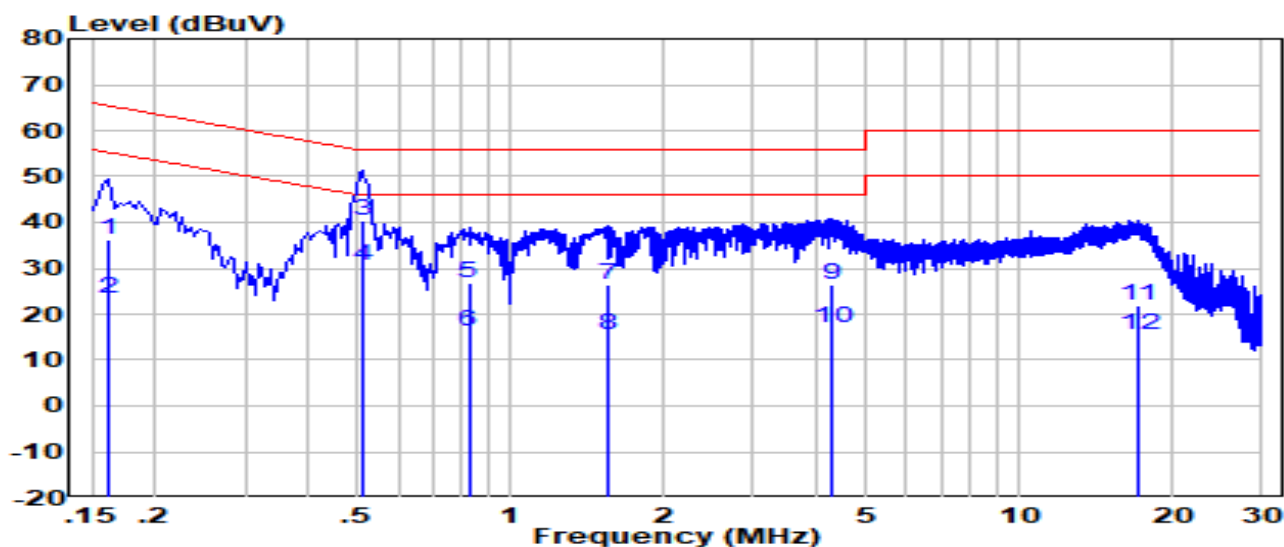


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.158	28.29	9.61	37.90	-27.67	65.57	QP
2	0.158	15.29	9.61	24.90	-30.67	55.57	Average
3	* 0.510	30.77	9.63	40.40	-15.60	56.00	QP
4	0.510	20.57	9.63	30.20	-15.80	46.00	Average
5	0.786	18.05	9.65	27.70	-28.30	56.00	QP
6	0.786	8.05	9.65	17.70	-28.30	46.00	Average
7	1.520	17.52	9.68	27.20	-28.80	56.00	QP
8	1.520	6.12	9.68	15.80	-30.20	46.00	Average
9	4.210	16.88	9.72	26.60	-29.40	56.00	QP
10	4.210	7.38	9.72	17.10	-28.90	46.00	Average
11	16.940	12.06	9.94	22.00	-38.00	60.00	QP
12	16.940	5.56	9.94	15.50	-34.50	50.00	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-09-15
Factor	CE_ENV216-N (Filter OFF)_2021	Temp. / Humidity	27°C /46.8%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11b at channel 2437MHz	Test Voltage	AC 110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.162	26.68	9.62	36.30	-29.06	65.36	QP
2	0.162	13.68	9.62	23.30	-32.06	55.36	Average
3	0.510	30.67	9.63	40.30	-15.70	56.00	QP
4	*	0.510	9.63	30.60	-15.40	46.00	Average
5	0.826	17.14	9.66	26.80	-29.20	56.00	QP
6	0.826	6.44	9.66	16.10	-29.90	46.00	Average
7	1.550	16.82	9.68	26.50	-29.50	56.00	QP
8	1.550	5.62	9.68	15.30	-30.70	46.00	Average
9	4.290	16.86	9.74	26.60	-29.40	56.00	QP
10	4.290	7.36	9.74	17.10	-28.90	46.00	Average
11	17.150	11.70	10.00	21.70	-38.30	60.00	QP
12	17.150	5.30	10.00	15.30	-34.70	50.00	Average

Note:

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

5.2. 峰值傳導輸出功率

5.2.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.2(1)(C)節，操作於 2400-2483.5 MHz 之數位調變的發射器材：1 瓦(W)(含)以下。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.3 節，天線增益限制如下：

(1) 操作於 2400 MHz～2483.5 MHz 頻段：

(A) 進行固定式點對點操作時，其發射天線之方向性增益超過6 dBi，每超過3 dBi，最大傳導輸出功率限制值應降低1 dB。

(B) 除第(A)節外，如其發射天線之方向性增益超過6dBi，應依所超過之dB數等量降低最大傳導輸出功率。

(C) 天線以多向波束發射方式(含同時發射或循序發射)將訊號導向多個接收機或接收機群組時，應符合下列規定：

(a) 非同時發射多向波束者，所有載波或頻道傳輸至所有天線陣列或陣列群之總和傳導輸出功率應符合 4.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過 6 dBi，每超過 3 dBi，總和傳導輸出功率限制值應降低 1 dB。方向性增益值應計算如下：

(i) 方向性增益值= $10\log(\text{天線陣列之單元數目}) + \text{各單元中最高之方向性增益值}$ 。

(ii) 天線陣列間之遮蔽效應或波束干涉損失能充分佐證時，方向性增益得低於(i)計算數值。

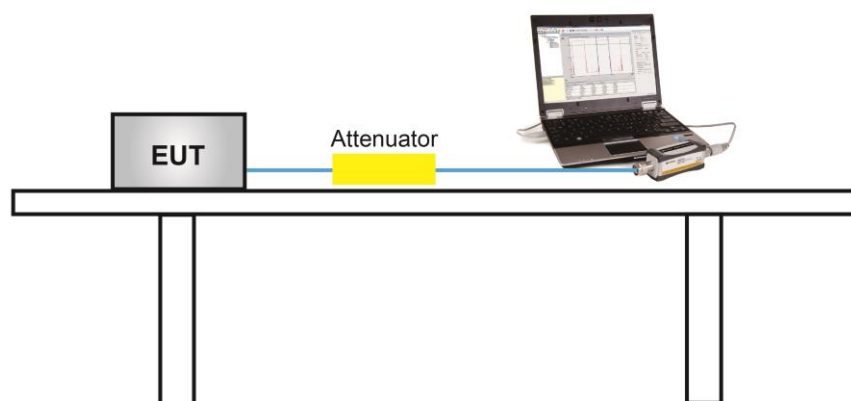
同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加 8 dB。方向性增益值計算同(a)。

(c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

5.2.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬大於 6dB 發射頻寬或使用峰值功率表。

5.2.3. 測試架構圖



5.2.4. 峰值傳導輸出功率測試結果

待測物名稱	AX5400 三頻 Wi-Fi 6 路由器	溫度	23°C
測試工程師	Eric Lin	濕度	54%
測試場地	SR1	測試日期	2021/07/20

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
CDD Mode								
802.11b	1Mbps	01	2412	24.66	24.02	27.36	≤ 30.00	Pass
802.11b	1Mbps	06	2437	24.53	23.95	27.26	≤ 30.00	Pass
802.11b	1Mbps	11	2462	23.31	22.54	25.95	≤ 30.00	Pass
802.11g	6Mbps	01	2412	19.41	19.50	22.47	≤ 30.00	Pass
802.11g	6Mbps	06	2437	22.38	22.34	25.37	≤ 30.00	Pass
802.11g	6Mbps	11	2462	19.18	19.84	22.53	≤ 30.00	Pass
802.11n-HT20	MCS0	01	2412	19.16	20.15	22.69	≤ 30.00	Pass
802.11n-HT20	MCS0	06	2437	23.08	23.00	26.05	≤ 30.00	Pass
802.11n-HT20	MCS0	11	2462	18.92	19.49	22.22	≤ 30.00	Pass
802.11n-HT40	MCS0	03	2422	16.22	16.70	19.48	≤ 30.00	Pass
802.11n-HT40	MCS0	06	2437	19.35	19.25	22.31	≤ 30.00	Pass
802.11n-HT40	MCS0	09	2452	16.32	16.87	19.61	≤ 30.00	Pass
CDD and Beamforming Mode								
802.11ax-HE20	MCS0	01	2412	17.53	17.99	20.78	≤ 30.00	Pass
802.11ax-HE20	MCS0	06	2437	21.92	22.28	25.11	≤ 30.00	Pass
802.11ax-HE20	MCS0	11	2462	17.38	17.75	20.58	≤ 30.00	Pass
802.11ax-HE40	MCS0	03	2422	15.94	16.07	19.02	≤ 30.00	Pass
802.11ax-HE40	MCS0	06	2437	18.96	19.25	22.12	≤ 30.00	Pass
802.11ax-HE40	MCS0	09	2452	16.22	16.66	19.46	≤ 30.00	Pass

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$

5.3. 天線之要求

5.3.1. 適用標準

低功率射頻器材之發射機或收發信機所使用之天線，應為全固定、半固定式或以獨特之耦合(unique coupling)方式連接機體。製造者可設計供使用者因損壞而替換之天線，但不得設計或使用原認證以外之天線或可供引接各類電纜之標準天線插座或電氣連接頭，如：BNC、F type、N type、M type、UG type、RCA、SMA、SMB...等及其他各類工業或通訊標準接頭。

5.3.2. 天線樣式

此AX5400 三頻 Wi-Fi 6 路由器其天線為半固定式Dipole Antenna (Brand: TP-LINK, 2.4GHz M/N: 3101503845 & 3101503846, 5GHz M/N: 3101503847 & 3101503848 & 3101503849 & 3101503850)，使i-PEX特殊接頭，(檢附天線規格書)

Antenna Type	Frequency Band (MHz)	Tx Paths	Max Antenna Gain (dBi)	Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
					For Power	For PSD
Wi-Fi Antenna						
Dipole Antenna	2412 ~ 2462	2	1.0	4.01	1.0	4.01
	5150 ~ 5850	2	2.0	5.01	2.0	5.01

Note:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log (N_{ANT} / N_{SS})$ dB;

- For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for $N_{ANT} \leq 4$;

2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11ac/ax, not include 802.11a/b/g/n. BF Directional gain = $G_{ANT} + 10 \log (N_{ANT})$.

3. All information declared by manufacturer.

5.4. 輻射干擾測試

5.4.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減值限制如下：

(1)輸出功率以低功率射頻器材技術規範附件二之峰值輸出功率方式量測者，至少須衰減 20 dB，可使用射頻傳導或輻射方式測量。

(2)輸出功率以低功率射頻器材技術規範 4.10.1(2)(2.3)之最大傳導輸出功率量測方式者，至少須衰減 30 dB。

此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.6 節，低功率射頻器材，除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

頻率(f) (MHz)	電場強度 (微伏特/公尺, $\mu\text{V/m}$)	測距 (公尺)
$0.009 \leq f \leq 0.490$	$2400/f(\text{kHz})$	300
$0.490 < f \leq 1.705$	$24000/f(\text{kHz})$	30
$1.705 < f < 30$	30	30
$30 \leq f \leq 88$	100	3
$88 < f \leq 216$	150	3
$216 < f \leq 960$	200	3
$960 < f$	500	3

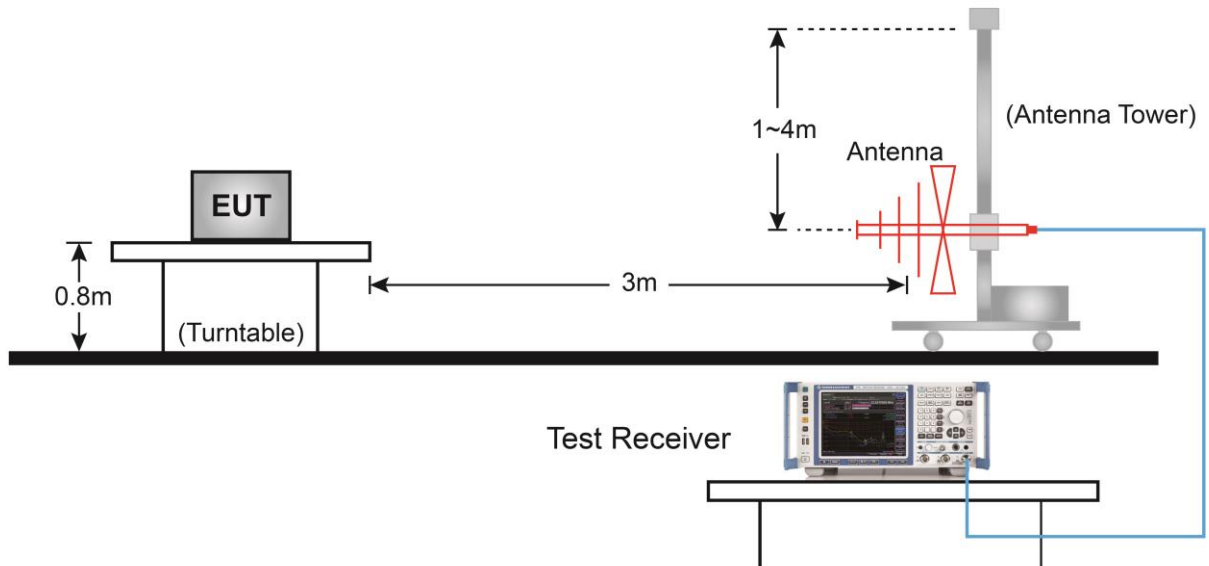
上表規定之電場強度，發射頻率在 9 kHz~90 kHz、110 kHz~490 kHz 及 1000MHz 以上者，其量測應以平均值檢波器為基準，且須符合低功率射頻器材技術規範第 6.14.節之規定；其他發射頻率，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時，應符合第 6.5 節之規定，而輻射發射之量測頻率範圍須符合低功率射頻器材技術規範第 6.12 節之規定。

5.4.2. 量測方法

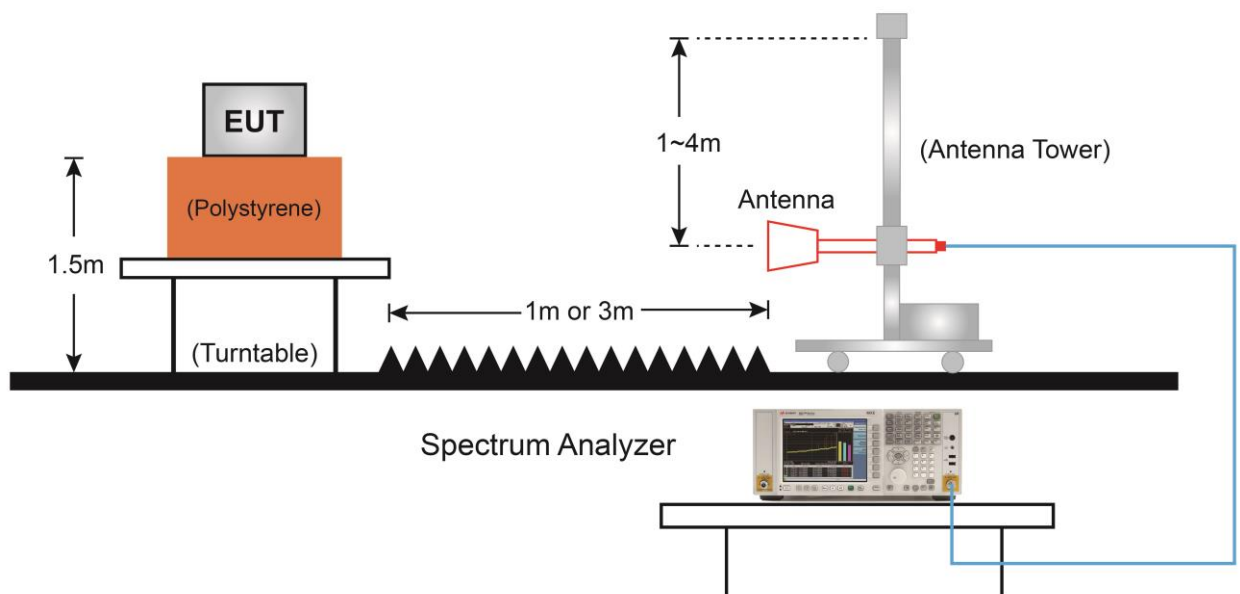
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.4.3. 測試架構圖

Below 1GHz Test Setup:

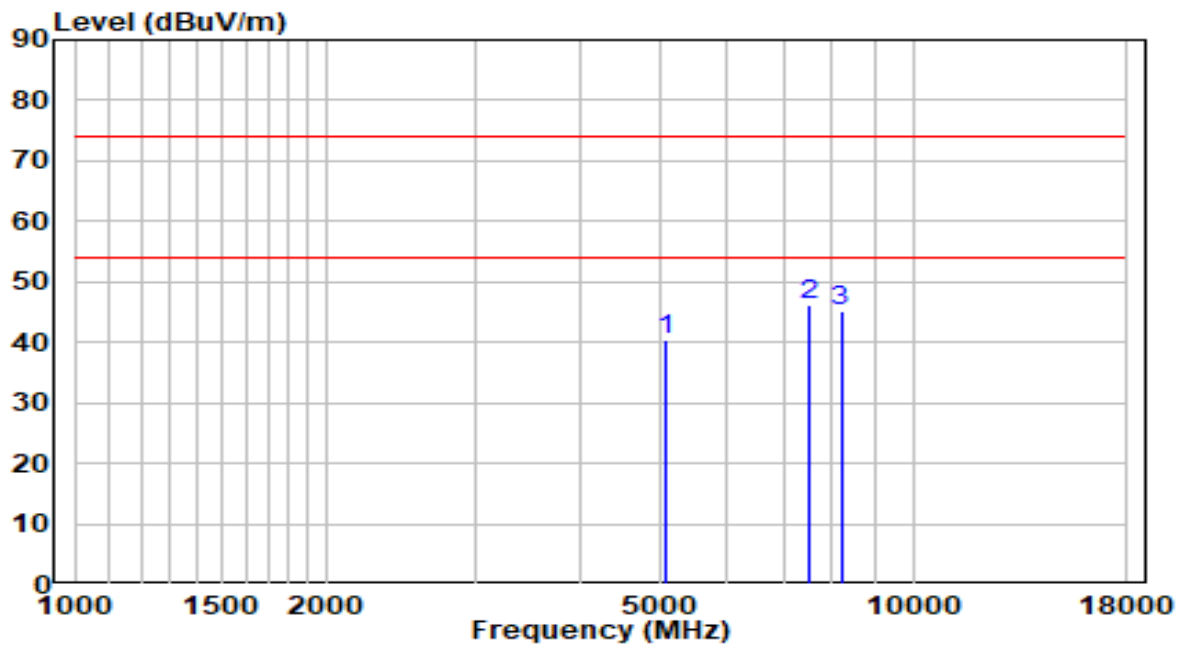


Above 1GHz Test Setup:



5.4.4. 輻射干擾測試結果

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

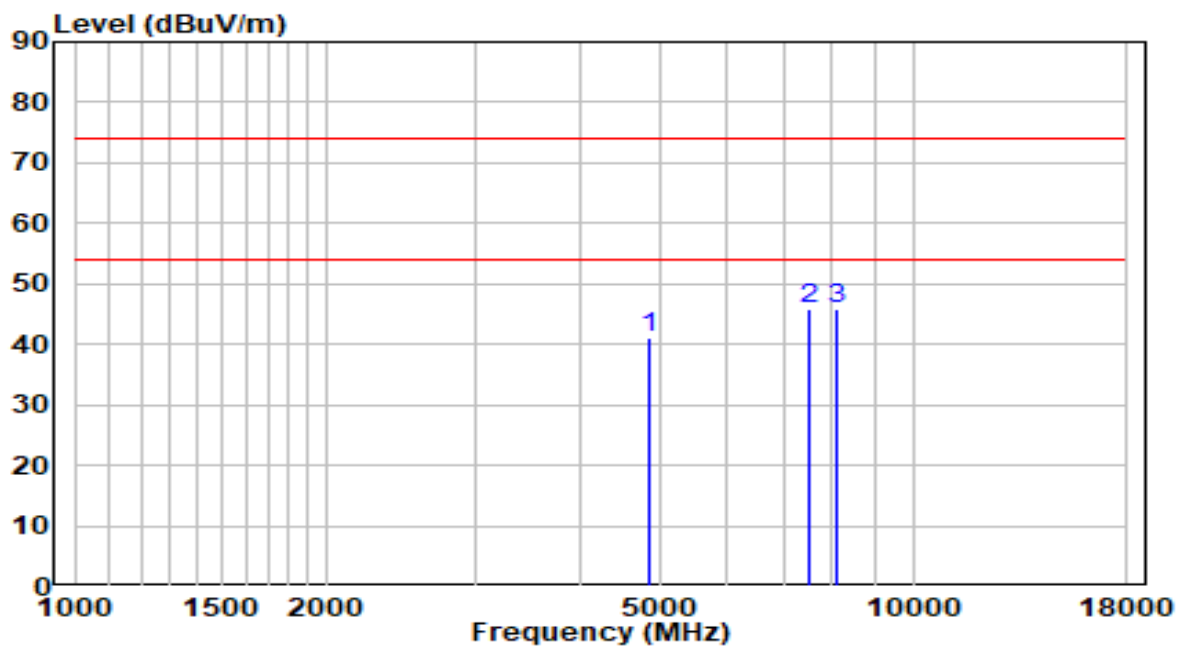


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5063.000	36.23	4.05	40.28	-33.72	74.00	Peak
2	* 7511.000	33.17	13.02	46.19	-27.81	74.00	Peak
3	8199.500	31.66	13.52	45.18	-28.82	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

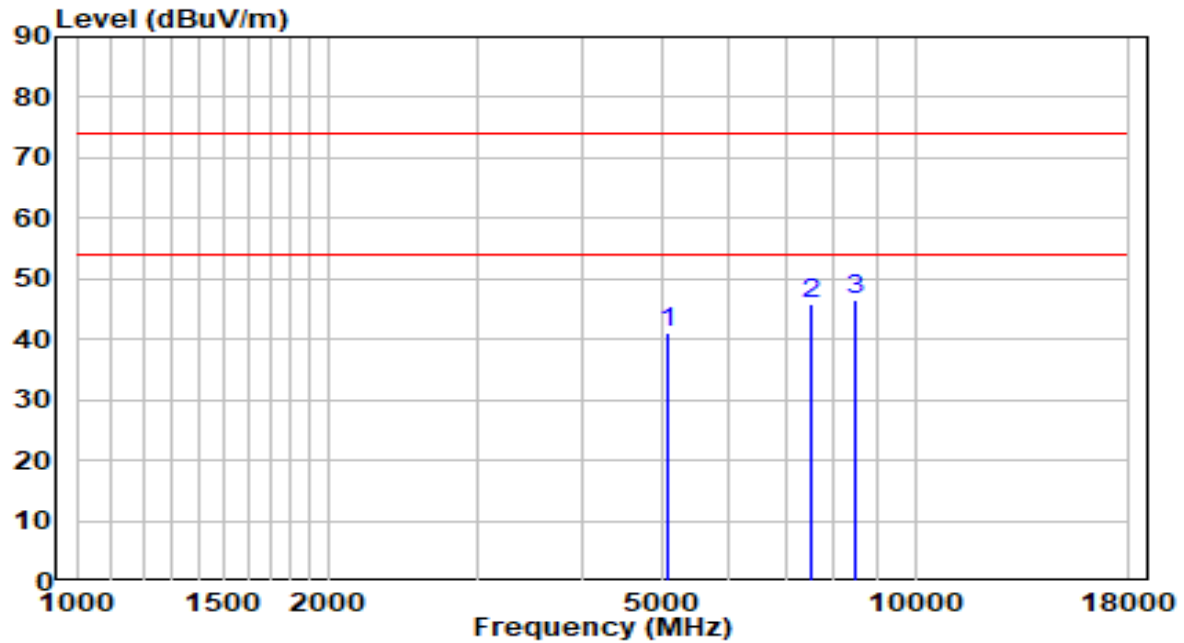


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	37.49	3.67	41.16	-32.84	74.00	Peak
2	* 7511.000	32.80	13.02	45.83	-28.17	74.00	Peak
3	8097.500	32.34	13.47	45.81	-28.19	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

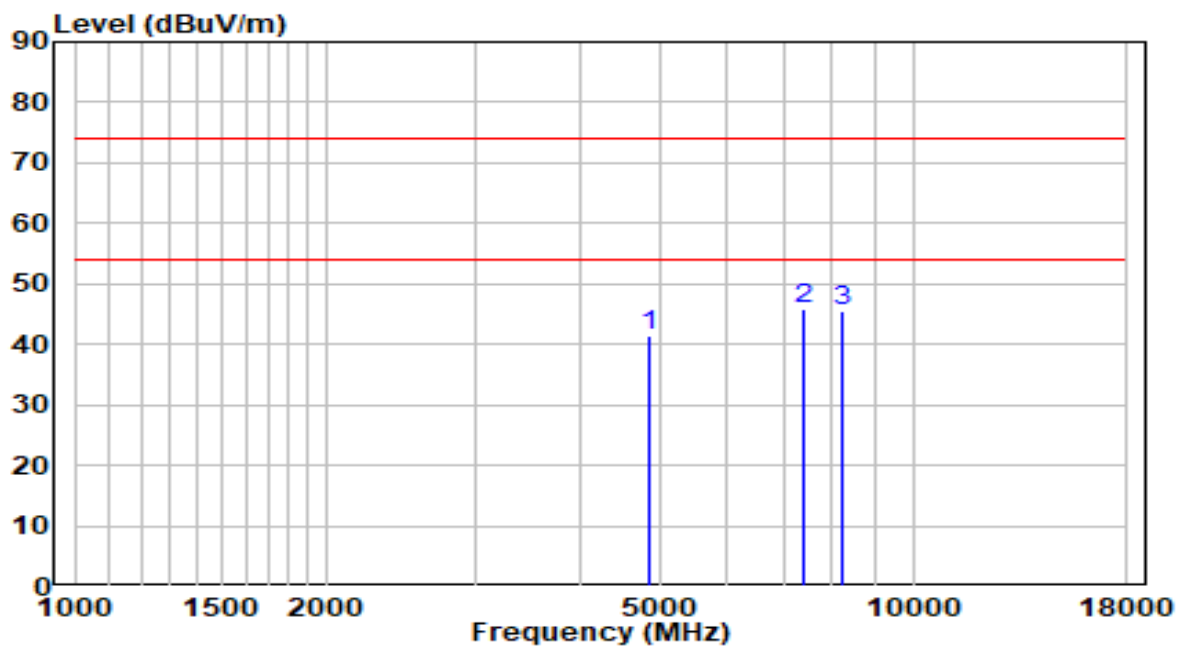


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5080.000	36.99	4.08	41.07	-32.93	74.00	Peak
2	7511.000	32.74	13.02	45.76	-28.24	74.00	Peak
3	* 8471.500	32.73	13.64	46.37	-27.63	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

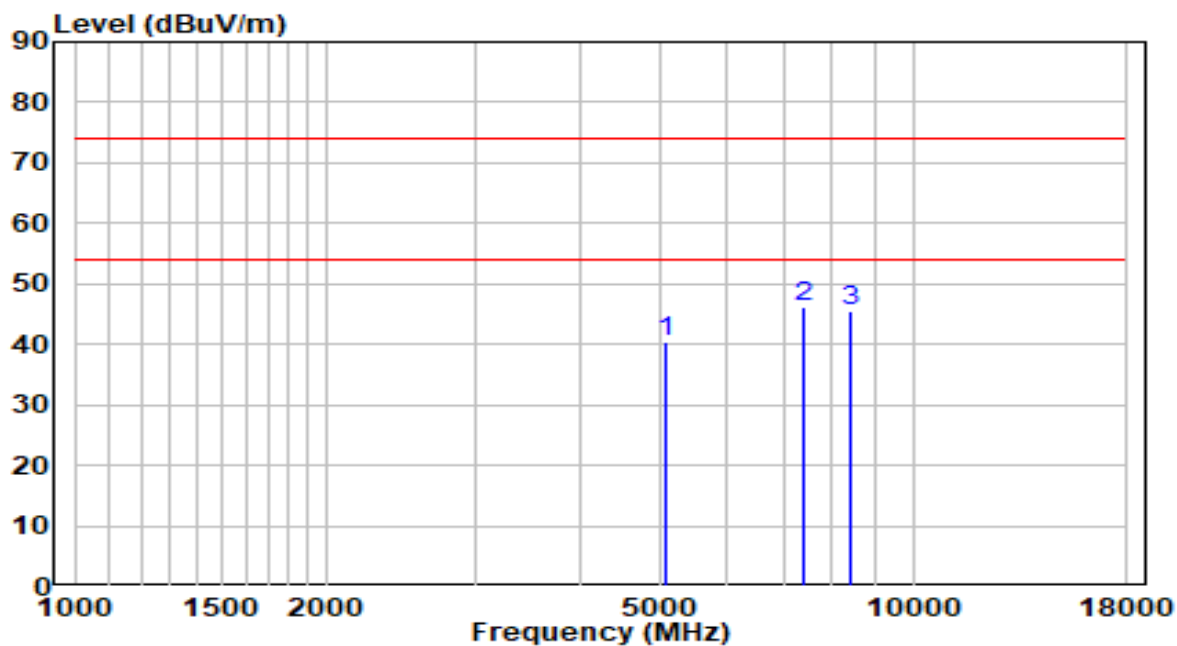


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	37.93	3.67	41.59	-32.41	74.00	Peak
2	* 7426.000	33.02	12.69	45.70	-28.30	74.00	Peak
3	8259.000	32.11	13.55	45.66	-28.34	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

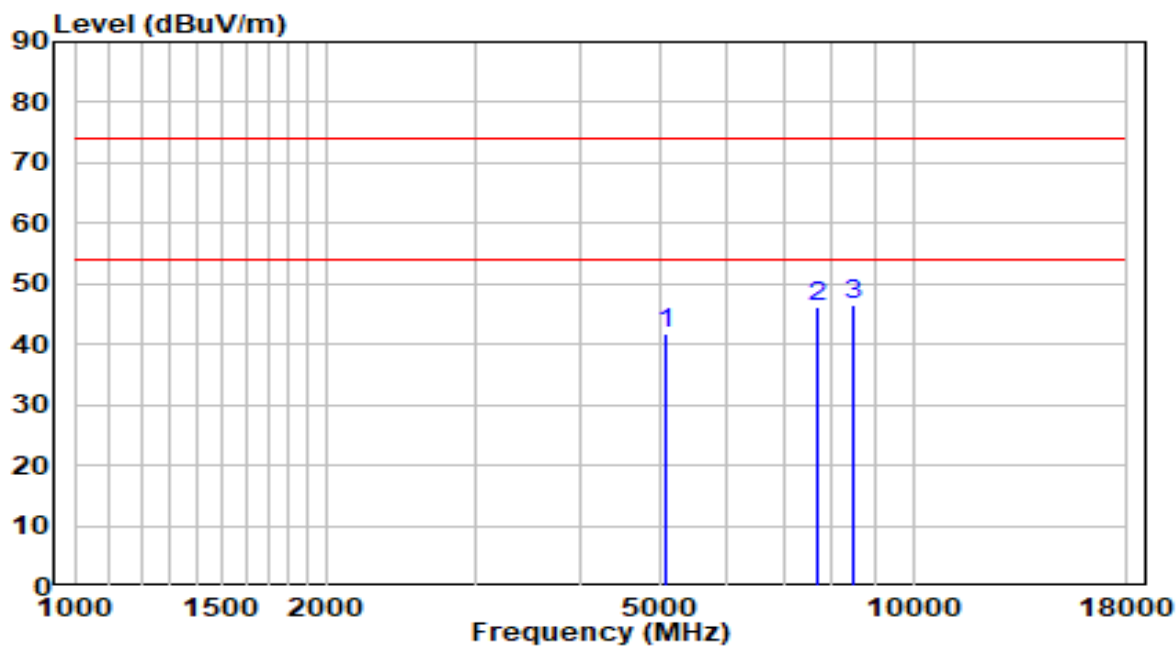


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5071.500	36.47	4.07	40.54	-33.46	74.00	Peak
2	* 7417.500	33.57	12.65	46.22	-27.78	74.00	Peak
3	8429.000	31.88	13.62	45.50	-28.50	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

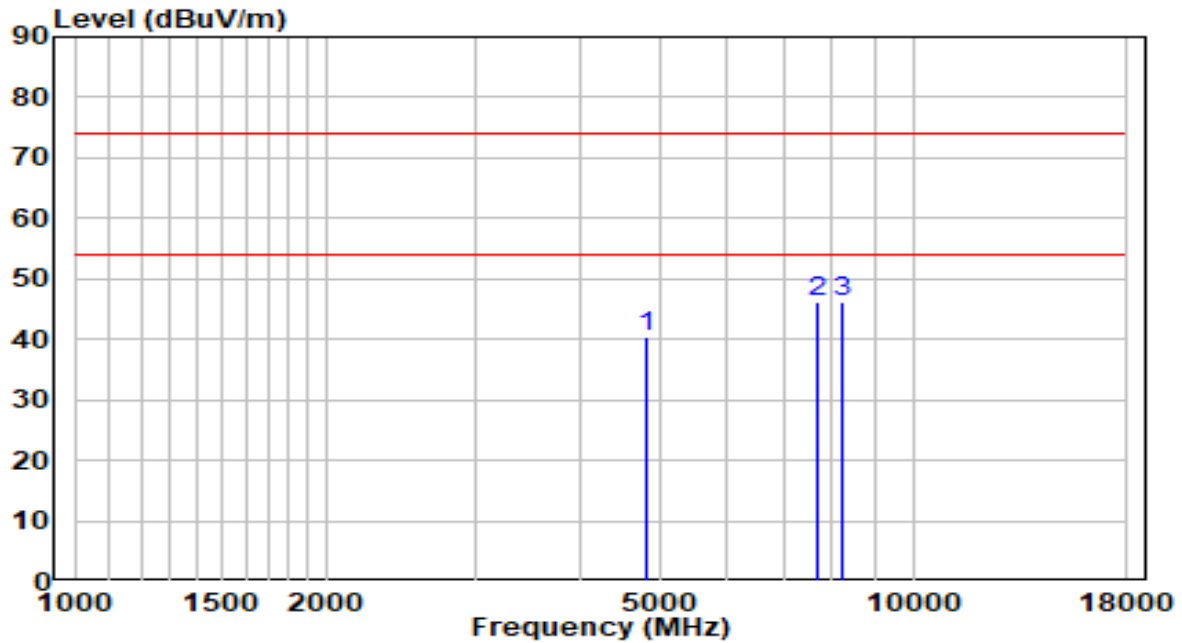


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5080.000	37.64	4.08	41.73	-32.27	74.00	Peak
2	7689.500	32.98	13.17	46.15	-27.85	74.00	Peak
3	* 8454.500	32.78	13.63	46.41	-27.59	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

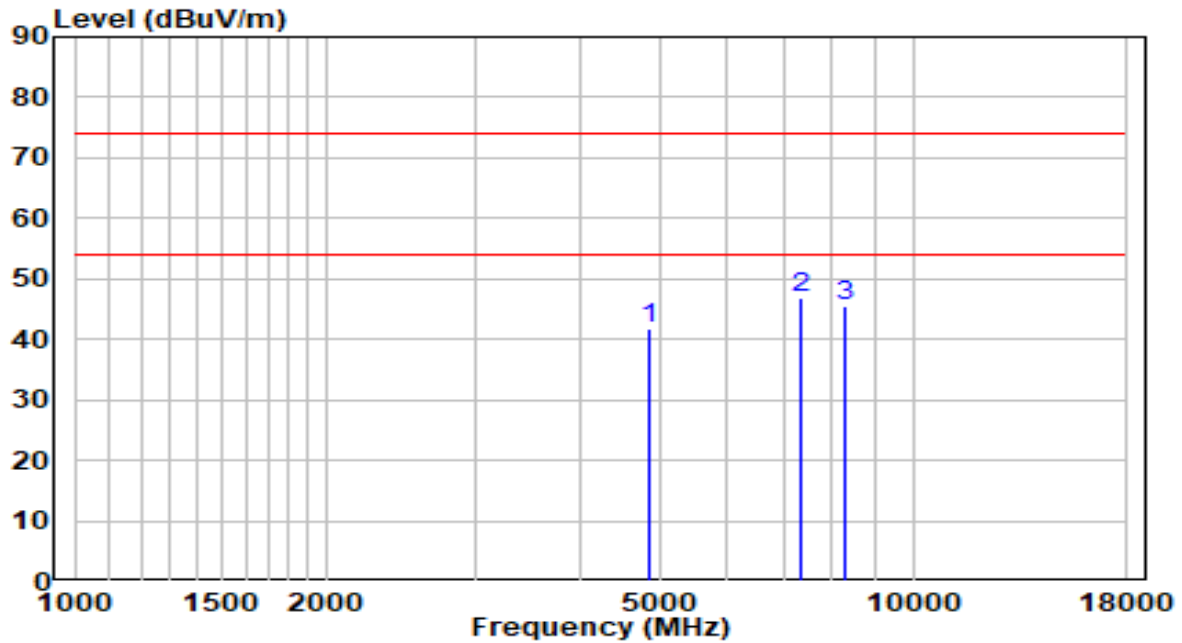


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4799.500	36.91	3.59	40.50	-33.51	74.00	Peak
2	* 7698.000	33.12	13.18	46.30	-27.70	74.00	Peak
3	8259.000	32.57	13.55	46.12	-27.88	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

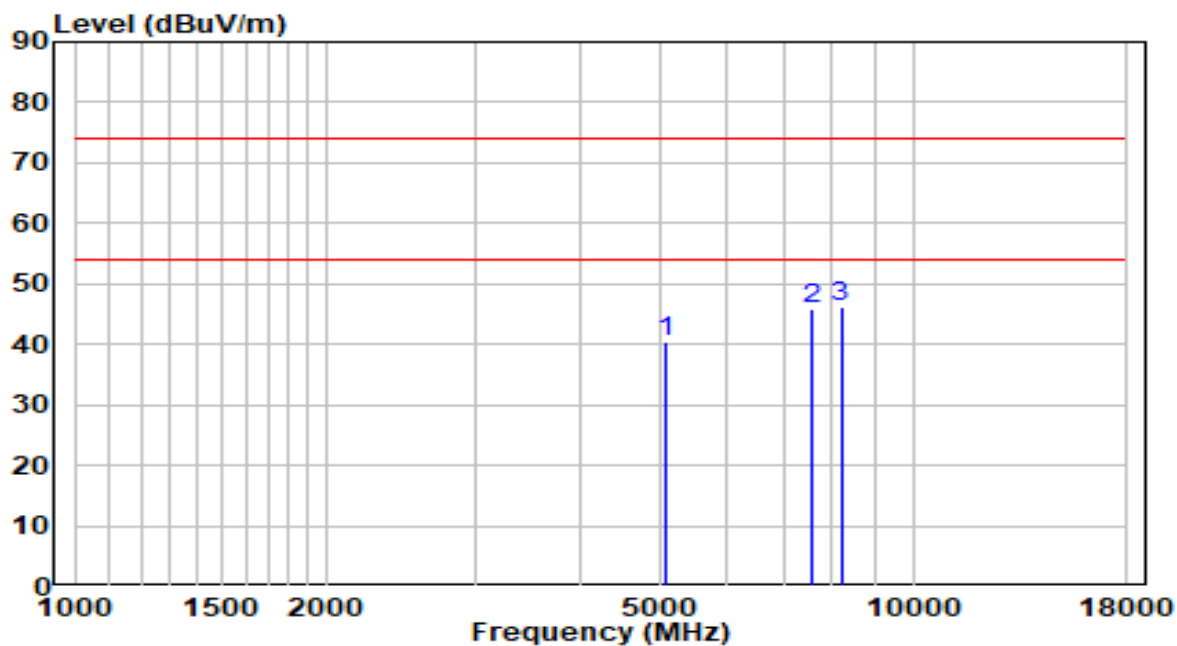


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.03	3.67	41.69	-32.31	74.00	Peak
2	* 7341.000	34.51	12.31	46.82	-27.18	74.00	Peak
3	8318.500	31.98	13.57	45.56	-28.44	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

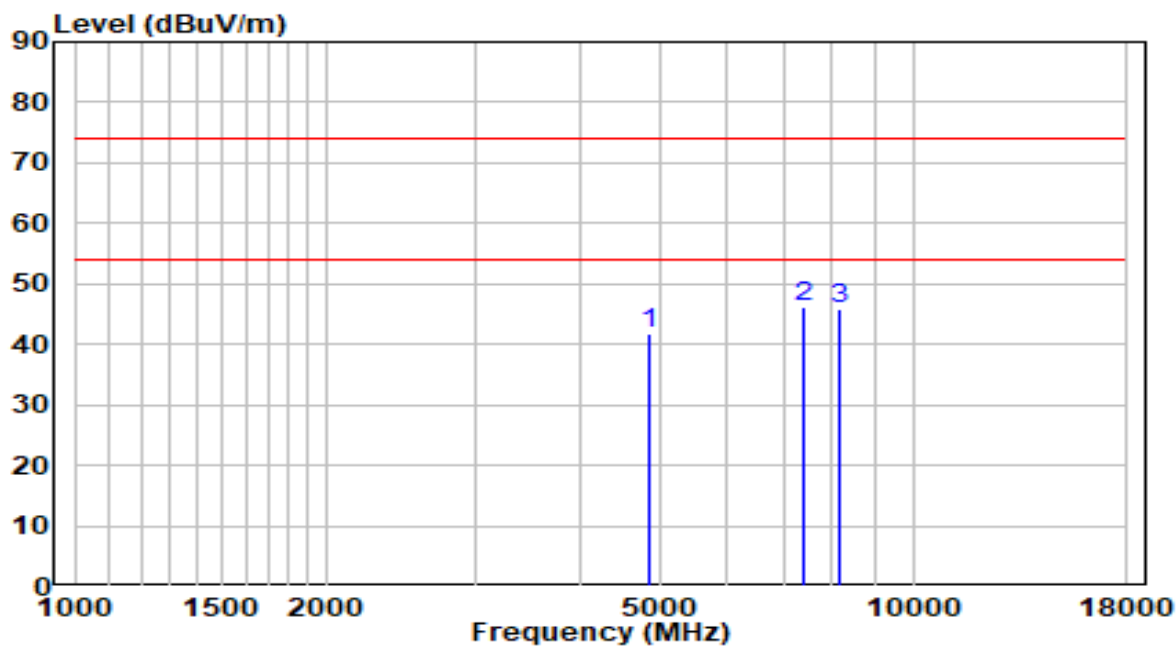


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5054.500	36.48	4.04	40.52	-33.48	74.00	Peak
2	7570.500	32.87	13.07	45.94	-28.06	74.00	Peak
3	* 8199.500	32.81	13.52	46.33	-27.67	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

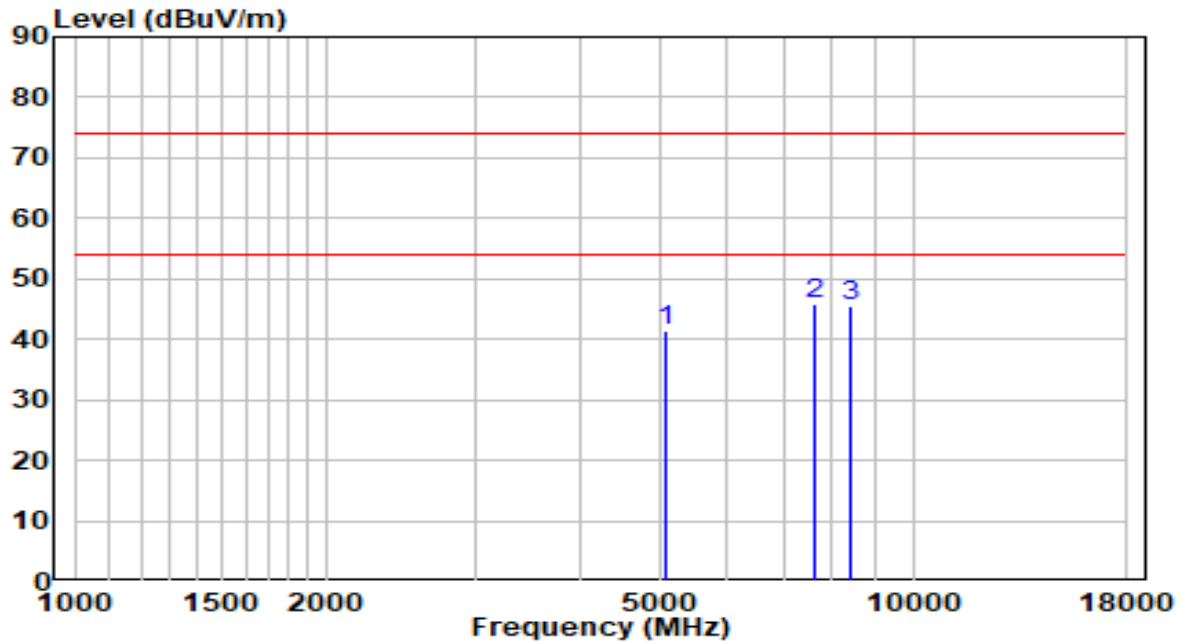


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.10	3.67	41.76	-32.24	74.00	Peak
2	* 7417.500	33.43	12.65	46.08	-27.92	74.00	Peak
3	8182.500	32.31	13.51	45.83	-28.17	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

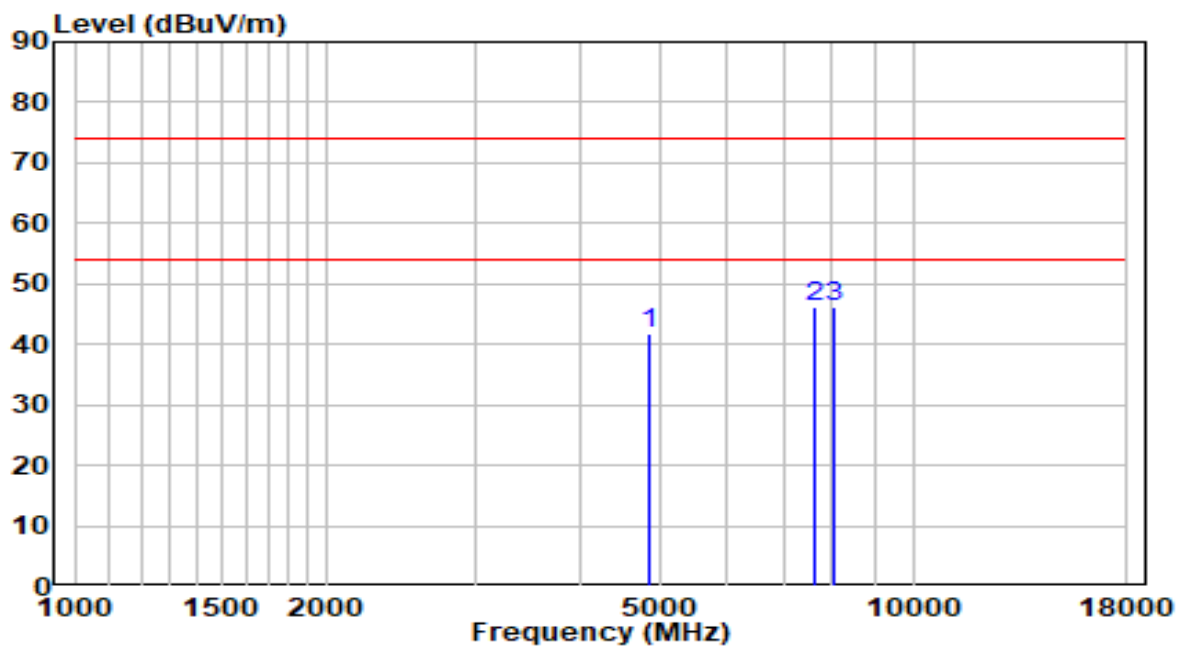


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5063.000	37.23	4.05	41.28	-32.72	74.00	Peak
2	* 7647.000	32.81	13.14	45.95	-28.05	74.00	Peak
3	8412.000	31.94	13.62	45.56	-28.44	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

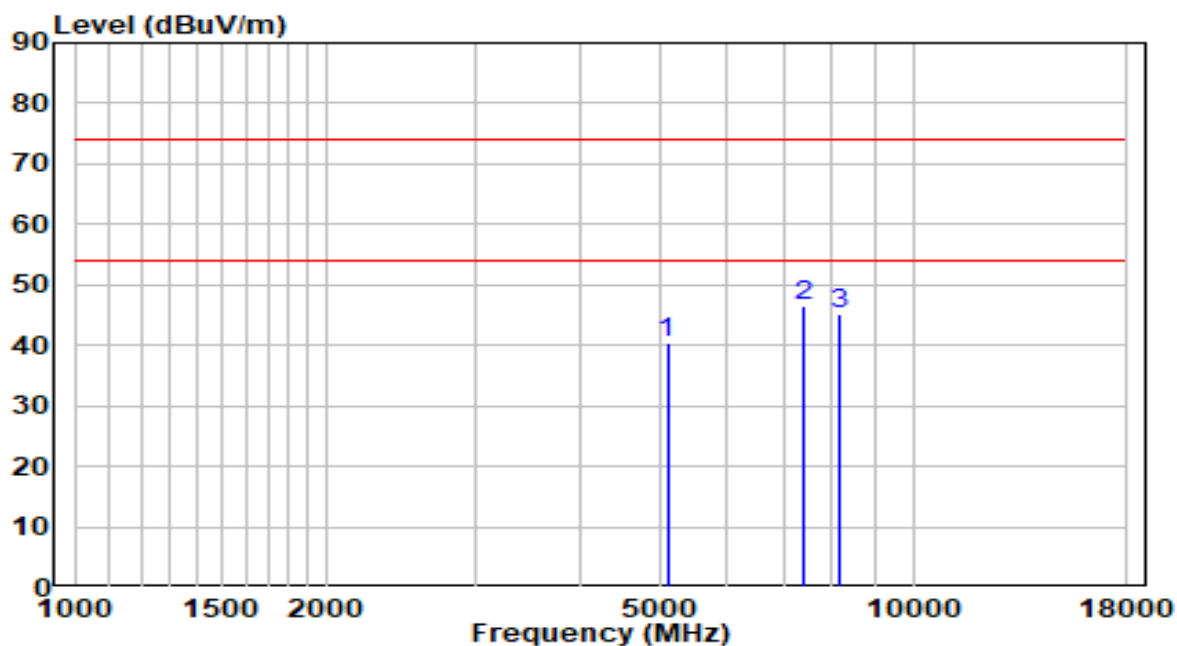


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.17	3.67	41.83	-32.17	74.00	Peak
2	* 7613.000	33.10	13.11	46.21	-27.79	74.00	Peak
3	8072.000	32.63	13.46	46.09	-27.91	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

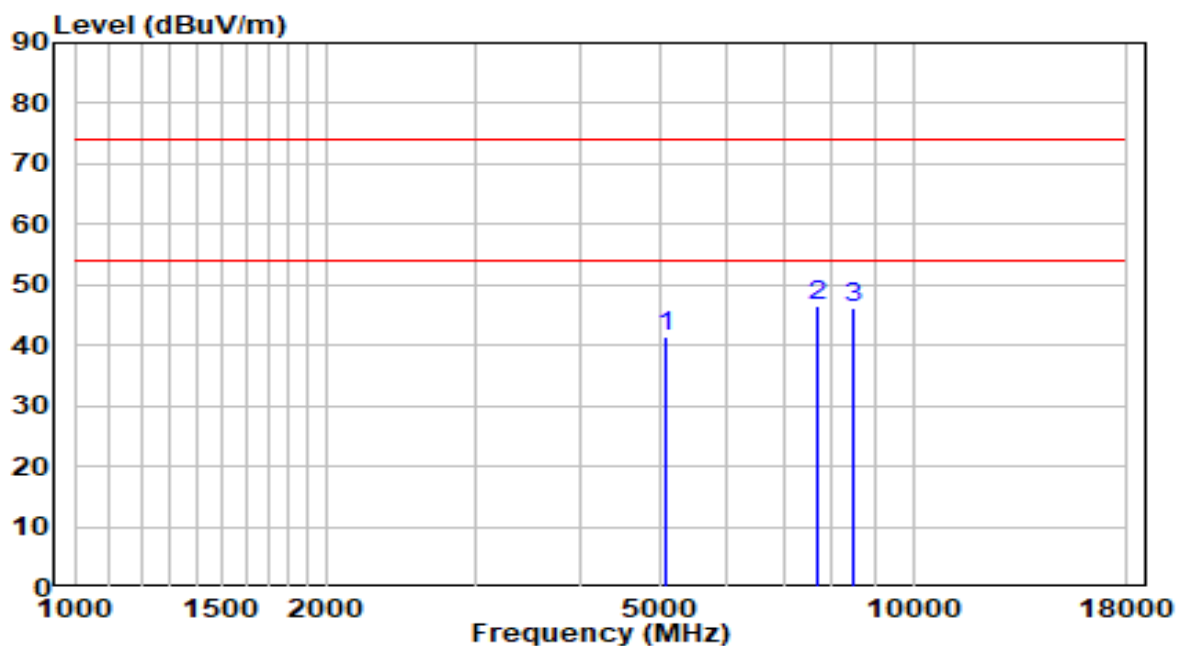


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5088.500	36.48	4.10	40.57	-33.43	74.00	Peak
2	* 7417.500	33.91	12.65	46.56	-27.44	74.00	Peak
3	8165.500	31.54	13.50	45.04	-28.96	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

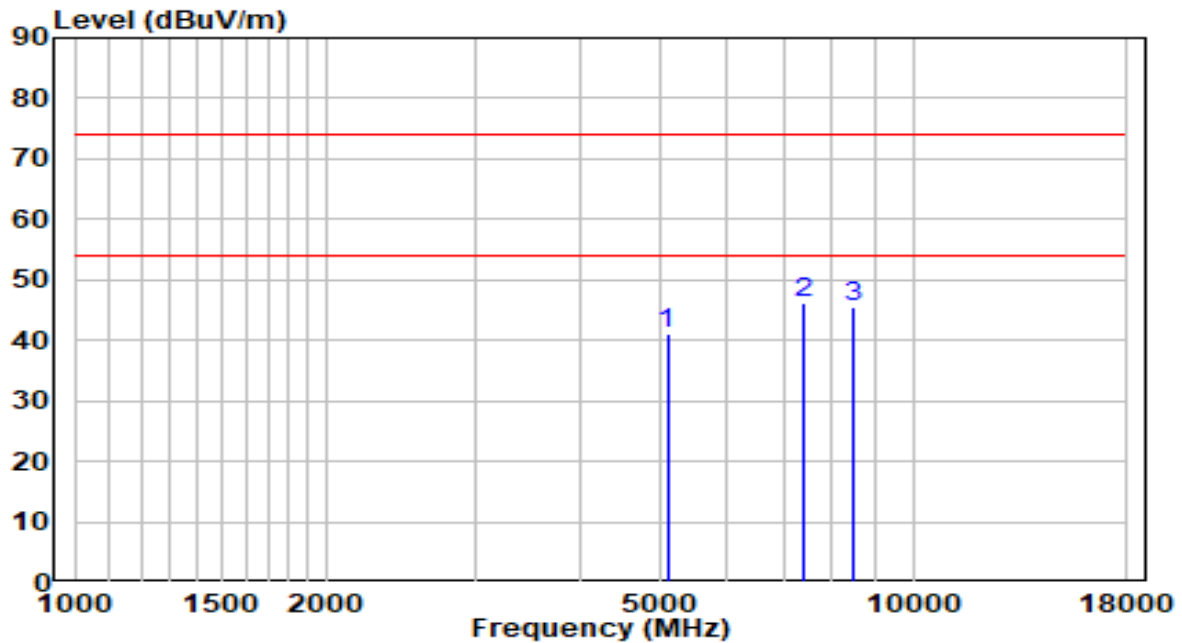


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5080.000	37.48	4.08	41.56	-32.44	74.00	Peak
2	* 7664.000	33.49	13.15	46.64	-27.36	74.00	Peak
3	8471.500	32.63	13.64	46.27	-27.73	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

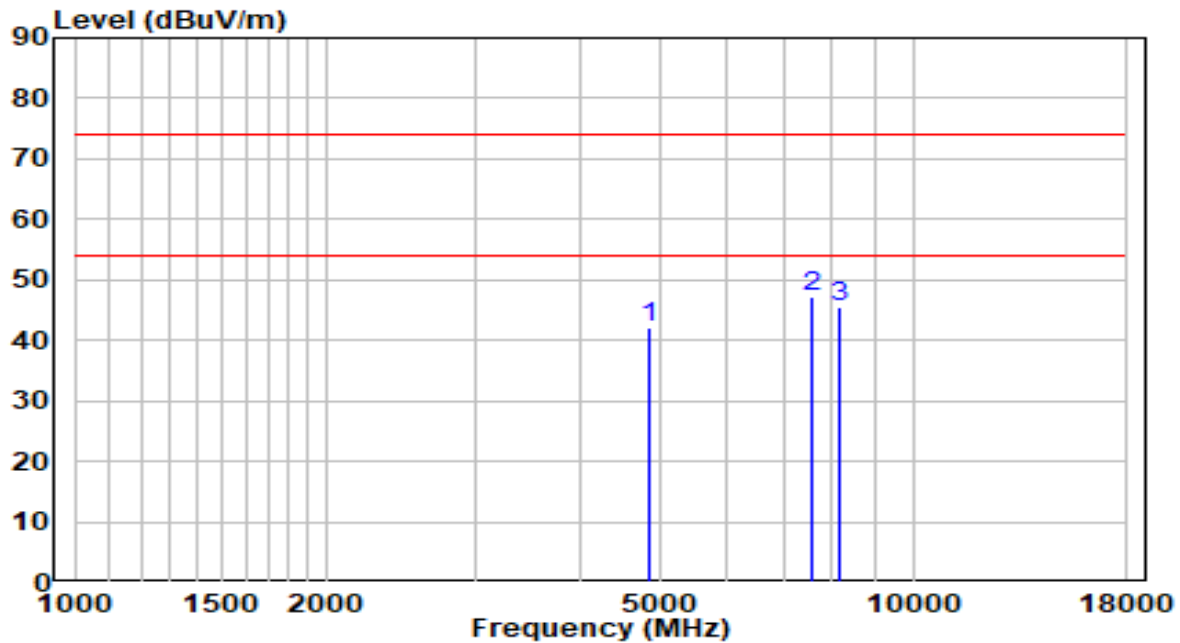


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5088.500	36.91	4.10	41.00	-33.00	74.00	Peak
2	* 7400.500	33.59	12.57	46.17	-27.83	74.00	Peak
3	8463.000	32.04	13.64	45.67	-28.33	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

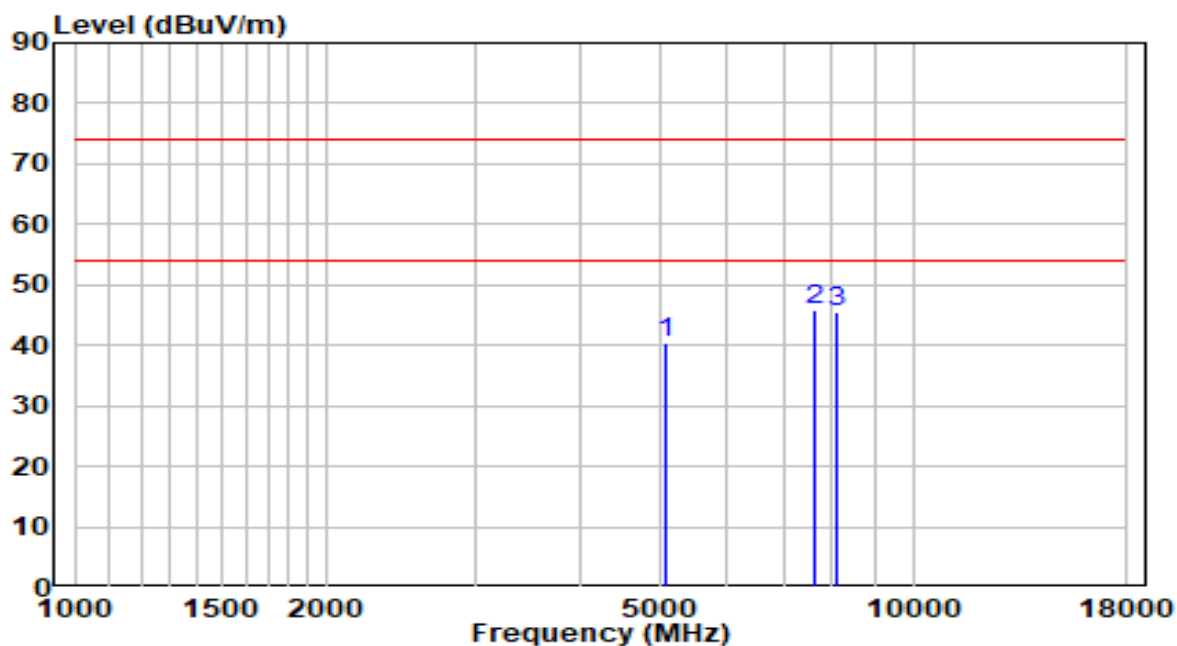


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.42	3.67	42.09	-31.91	74.00	Peak
2	* 7570.500	34.27	13.07	47.34	-26.66	74.00	Peak
3	8174.000	31.85	13.51	45.36	-28.64	74.00	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

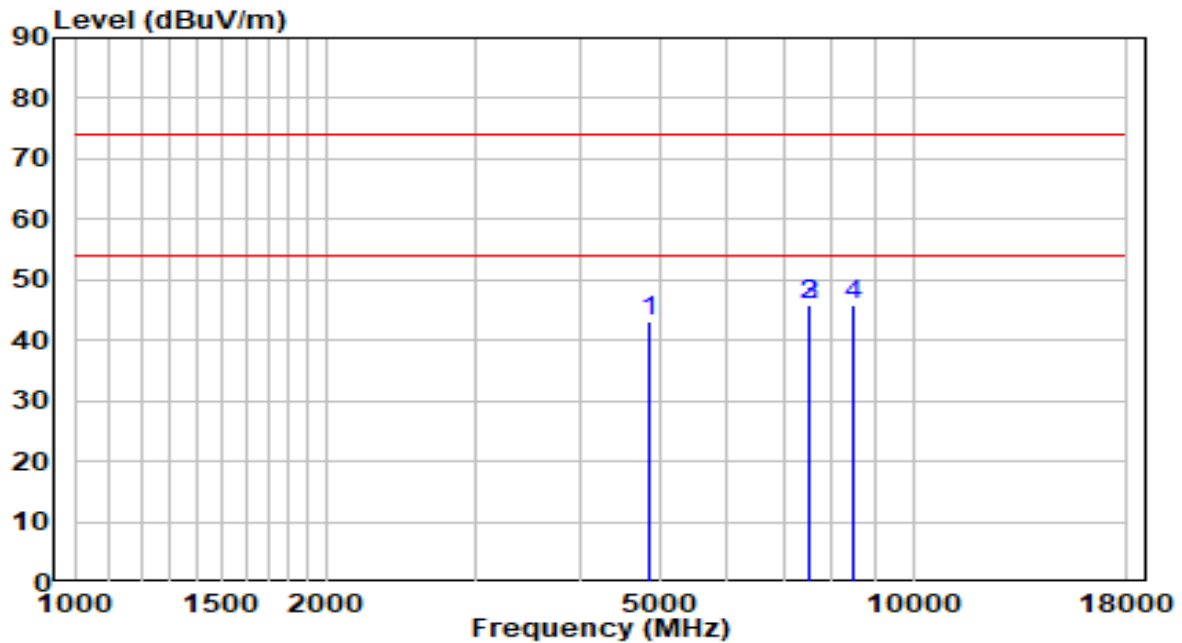


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5063.000	36.33	4.05	40.39	-33.61	74.00	Peak
2	*	7655.500	32.64	13.14	45.78	-28.22	74.00	Peak
3		8131.500	32.11	13.49	45.60	-28.40	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

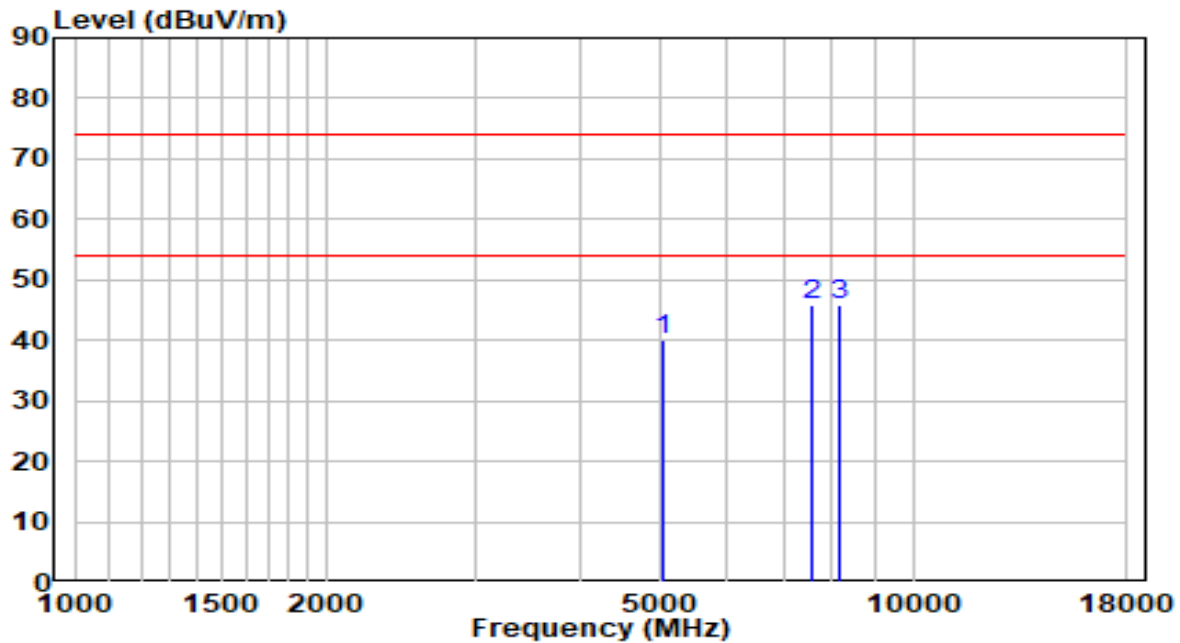


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	39.60	3.67	43.26	-30.74	74.00	Peak
2	7502.500	32.67	13.02	45.69	-28.31	74.00	Peak
3	7502.500	32.67	13.02	45.69	-28.31	74.00	Peak
4	* 8463.000	32.25	13.64	45.89	-28.11	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

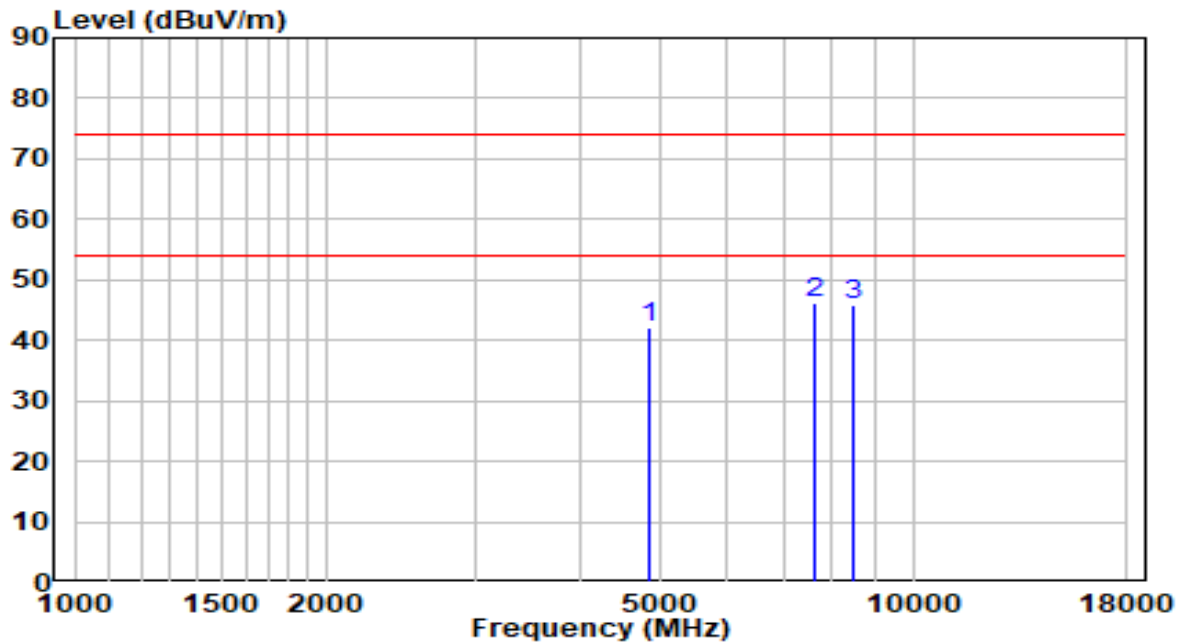


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5037.500	35.96	4.01	39.97	-34.03	74.00	Peak
2	7562.000	32.66	13.07	45.73	-28.27	74.00	Peak
3	* 8182.500	32.28	13.51	45.79	-28.21	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

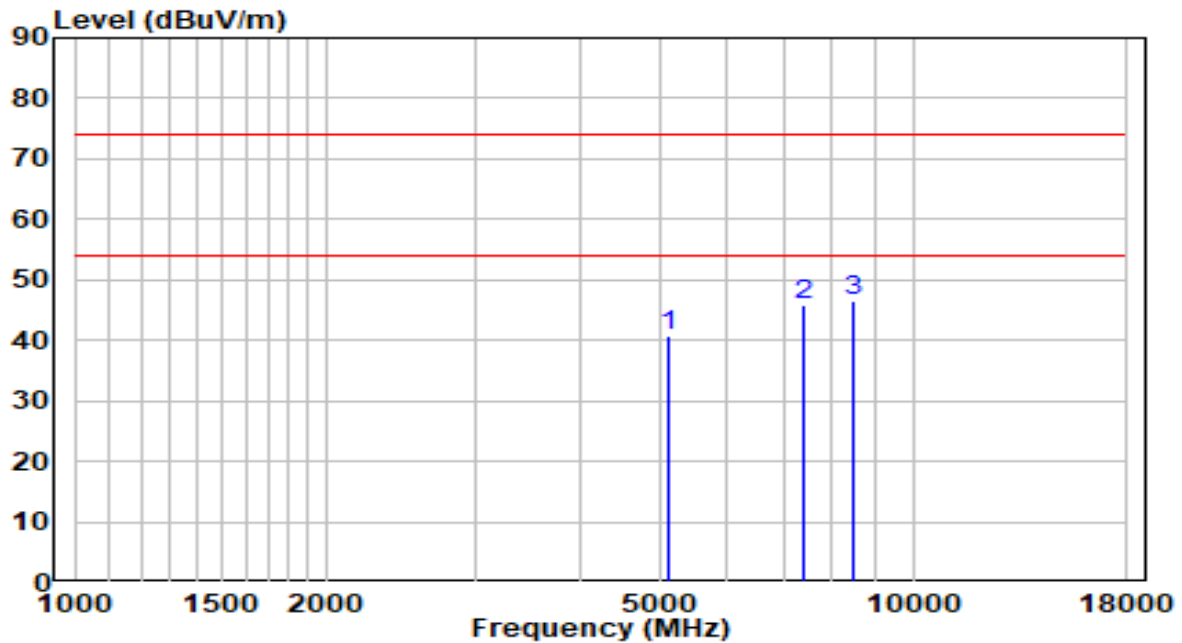


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.52	3.67	42.18	-31.82	74.00	Peak
2	* 7613.000	32.92	13.11	46.03	-27.97	74.00	Peak
3	8471.500	32.16	13.64	45.80	-28.20	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

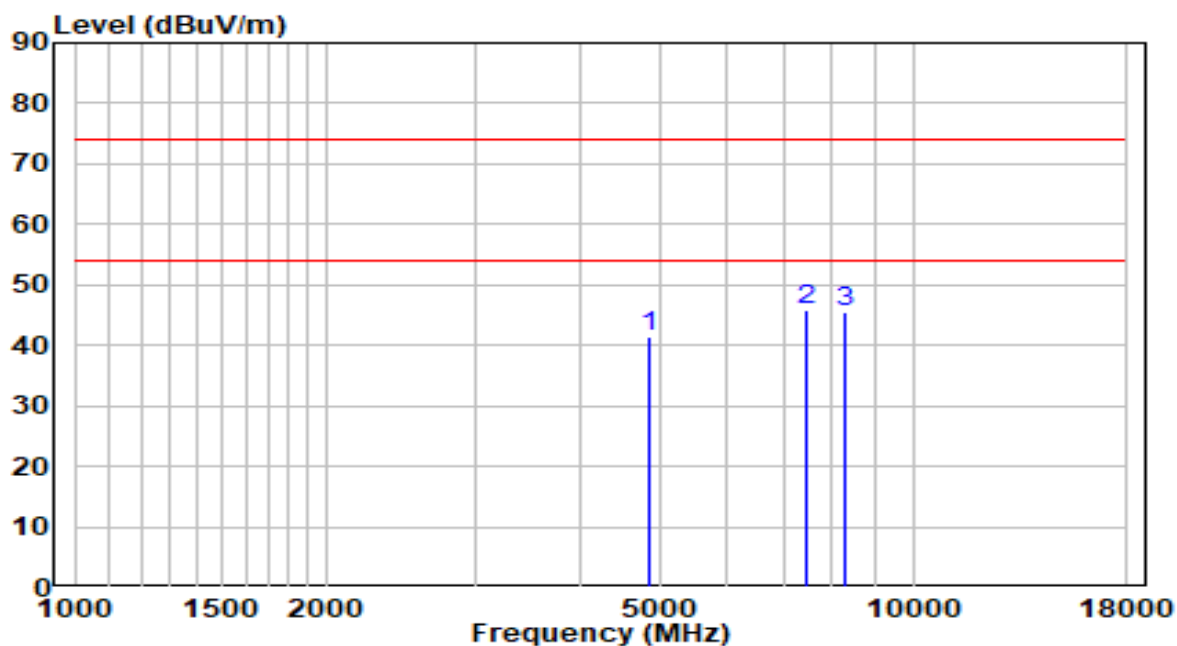


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5105.500	36.50	4.12	40.62	-33.38	74.00	Peak
2	7417.500	33.37	12.65	46.01	-27.99	74.00	Peak
3	* 8488.500	32.73	13.65	46.38	-27.62	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

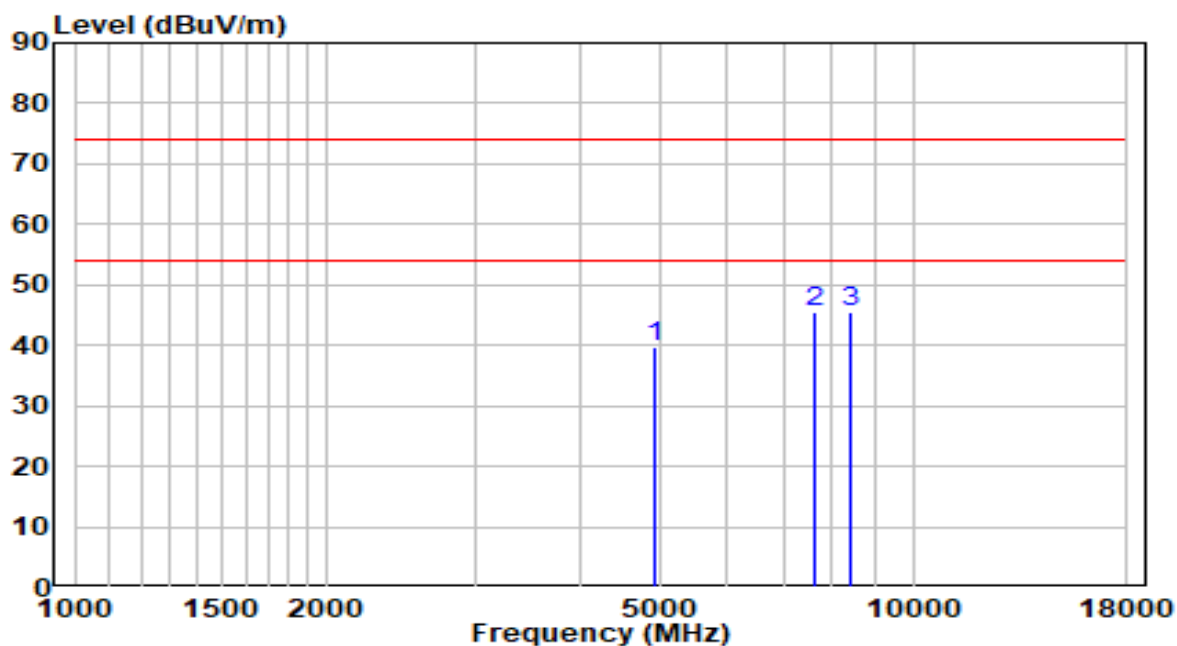


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	37.73	3.67	41.40	-32.60	74.00	Peak
2	* 7434.500	33.24	12.72	45.97	-28.03	74.00	Peak
3	8284.500	31.89	13.56	45.45	-28.55	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

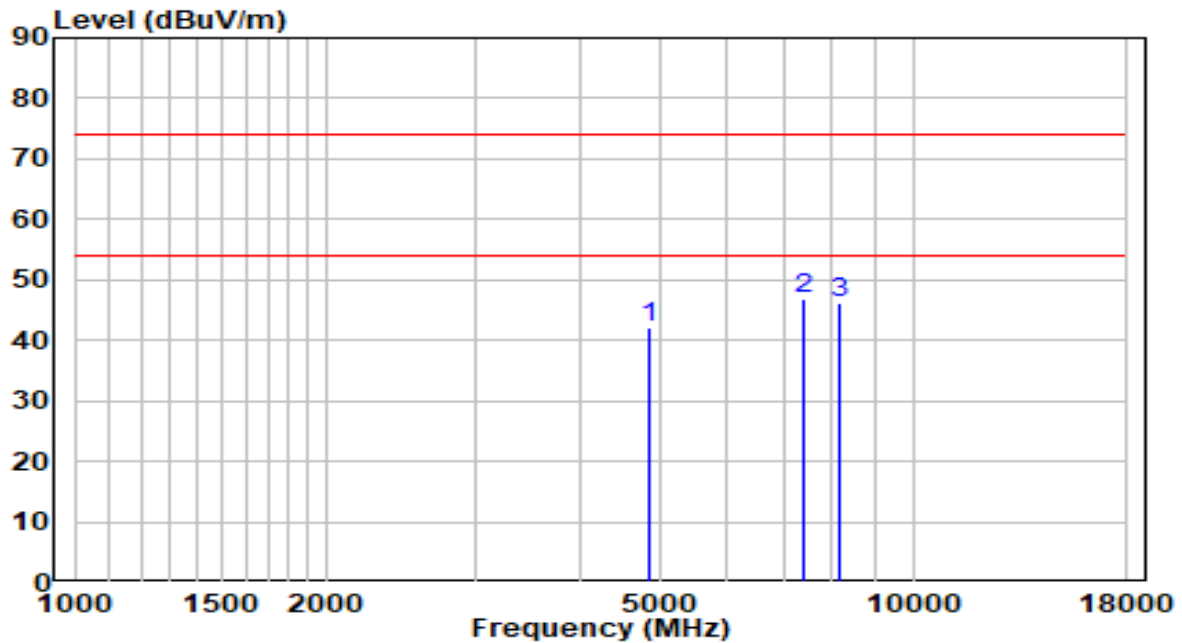


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4935.500	35.85	3.83	39.69	-34.31	74.00	Peak
2	* 7621.500	32.50	13.12	45.62	-28.38	74.00	Peak
3	8437.500	31.74	13.63	45.37	-28.63	74.00	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

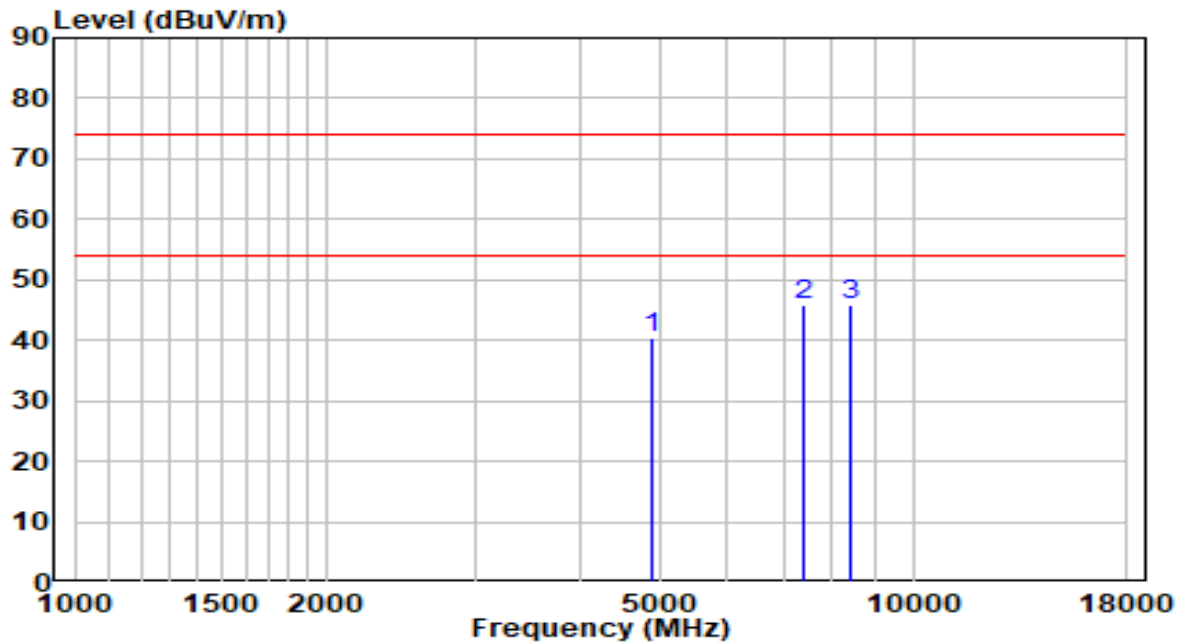


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.46	3.67	42.12	-31.88	74.00	Peak
2	* 7409.000	34.37	12.61	46.98	-27.02	74.00	Peak
3	8148.500	32.53	13.50	46.03	-27.97	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

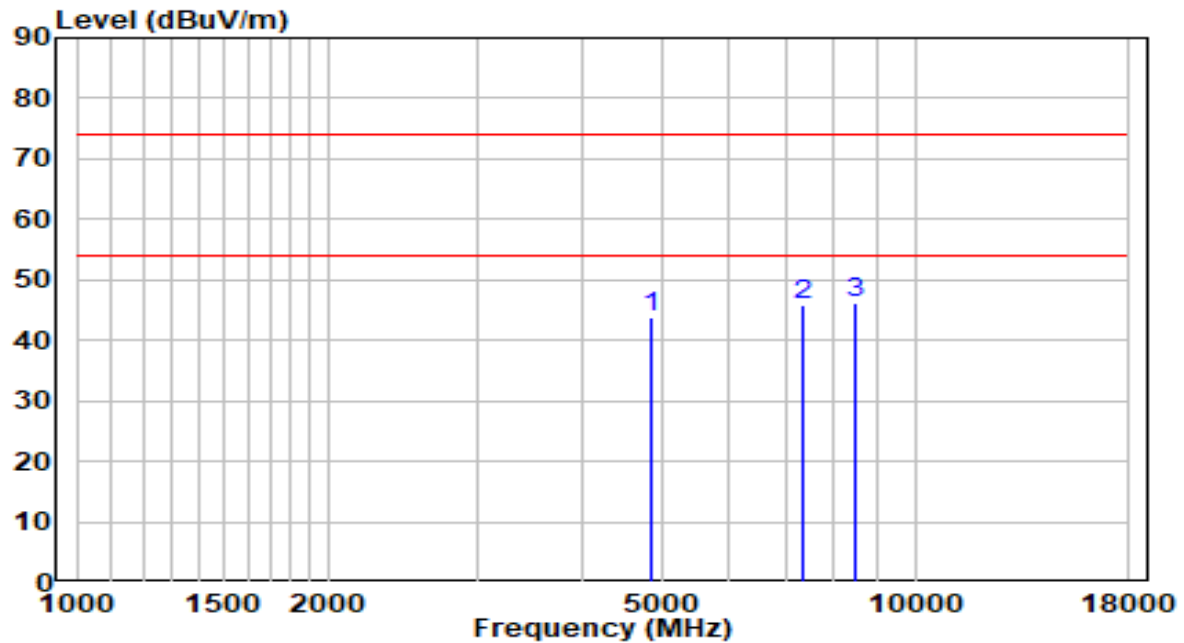


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4876.000	36.61	3.73	40.34	-33.66	74.00	Peak
2	* 7417.500	33.37	12.65	46.02	-27.98	74.00	Peak
3	8429.000	32.07	13.62	45.69	-28.31	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

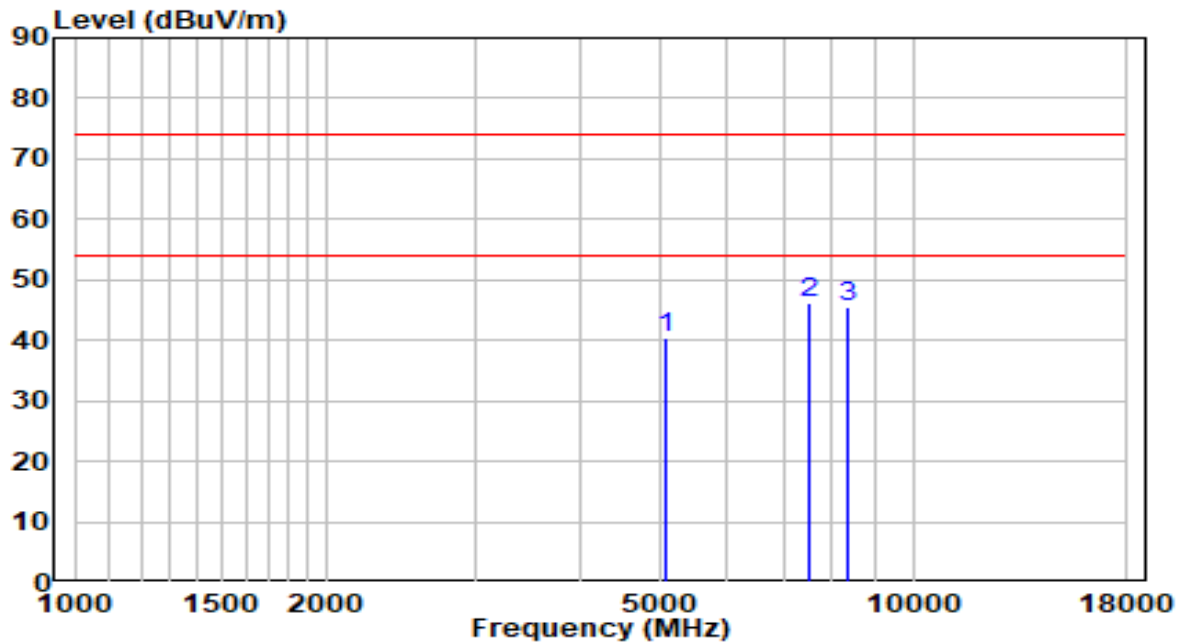


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	40.01	3.67	43.68	-30.32	74.00	Peak
2	7358.000	33.54	12.39	45.93	-28.07	74.00	Peak
3	* 8471.500	32.66	13.64	46.30	-27.70	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

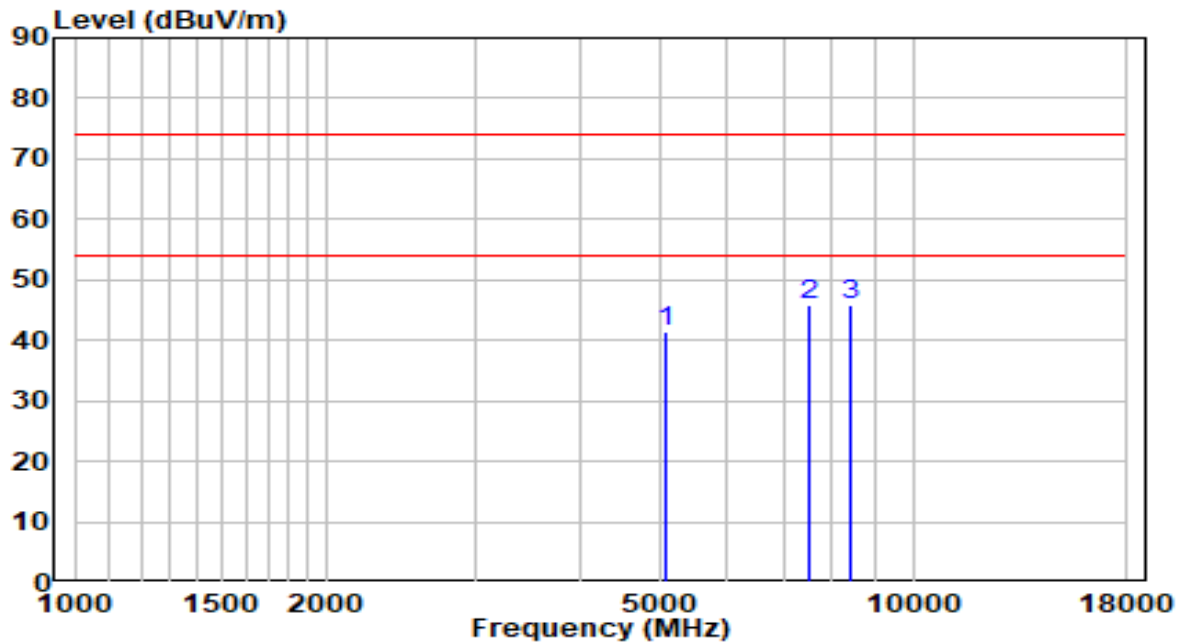


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5071.500	36.25	4.07	40.32	-33.68	74.00	Peak
2	* 7494.000	33.12	12.99	46.11	-27.89	74.00	Peak
3	8369.500	32.00	13.60	45.59	-28.41	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

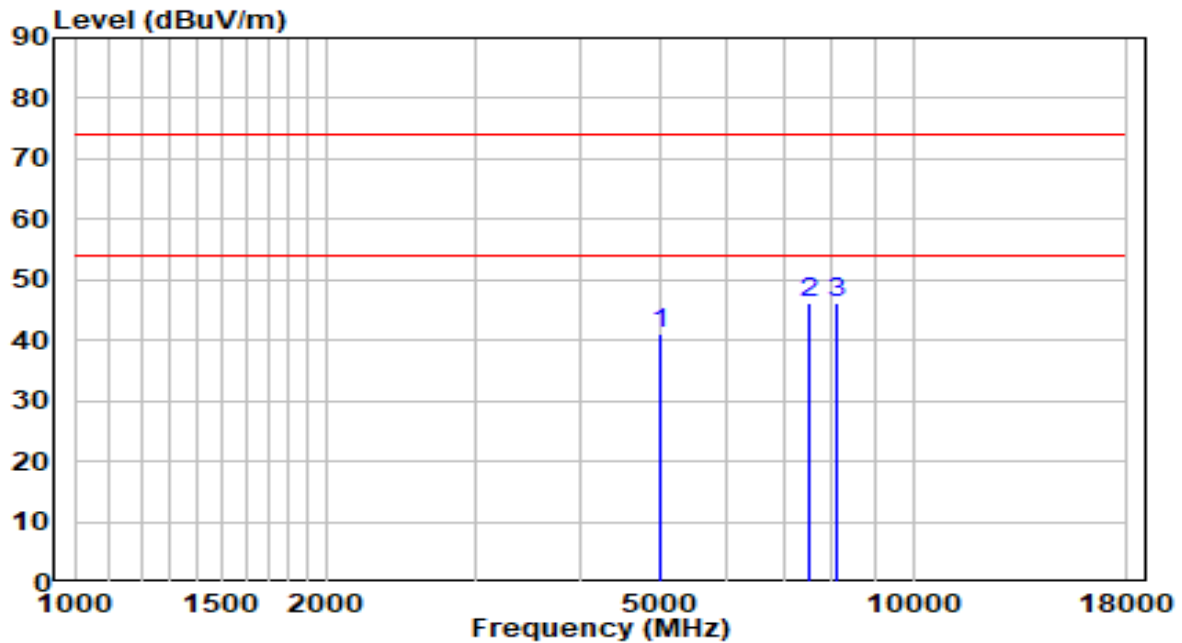


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5071.500	37.36	4.07	41.43	-32.57	74.00	Peak
2	* 7494.000	32.89	12.99	45.88	-28.12	74.00	Peak
3	8437.500	32.16	13.63	45.79	-28.21	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

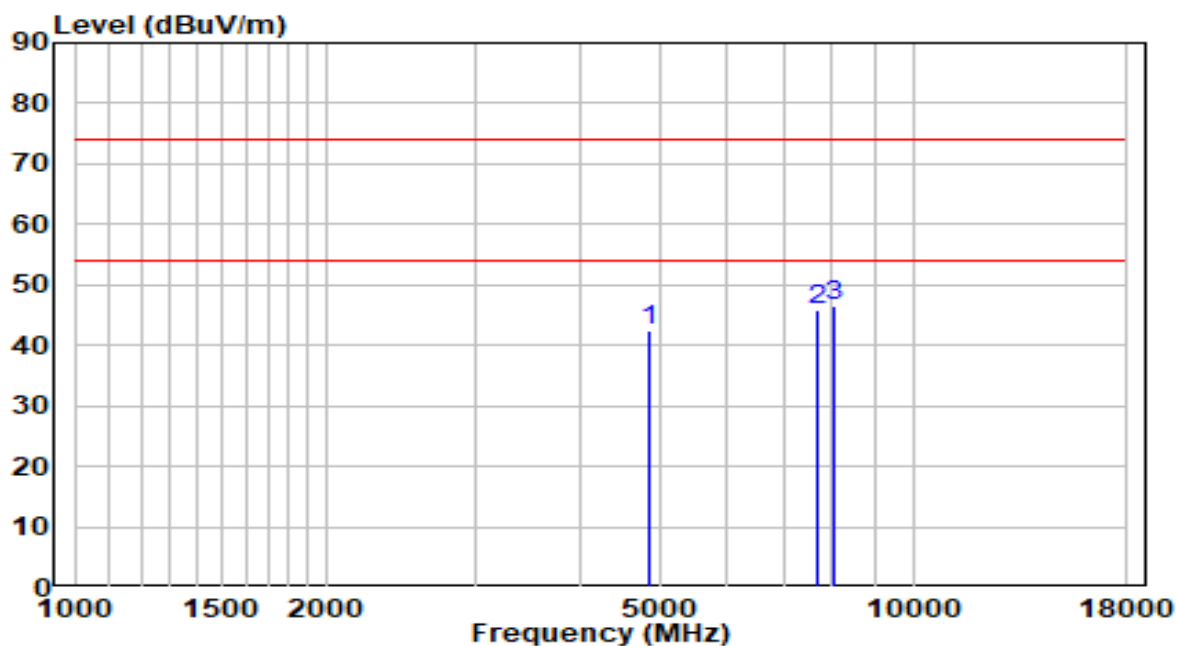


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4978.000	37.27	3.91	41.18	-32.82	74.00	Peak
2	* 7528.000	33.21	13.04	46.25	-27.75	74.00	Peak
3	8080.500	32.73	13.47	46.20	-27.80	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

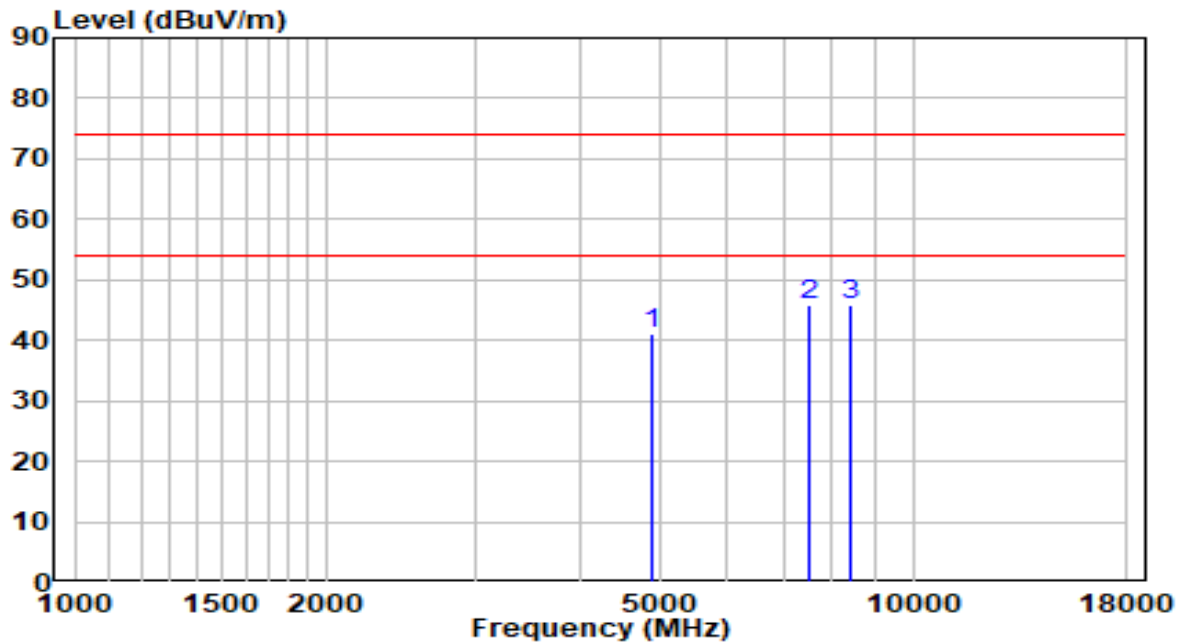


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.79	3.67	42.46	-31.54	74.00	Peak
2	7672.500	32.58	13.16	45.74	-28.26	74.00	Peak
3	* 8072.000	33.18	13.46	46.64	-27.36	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

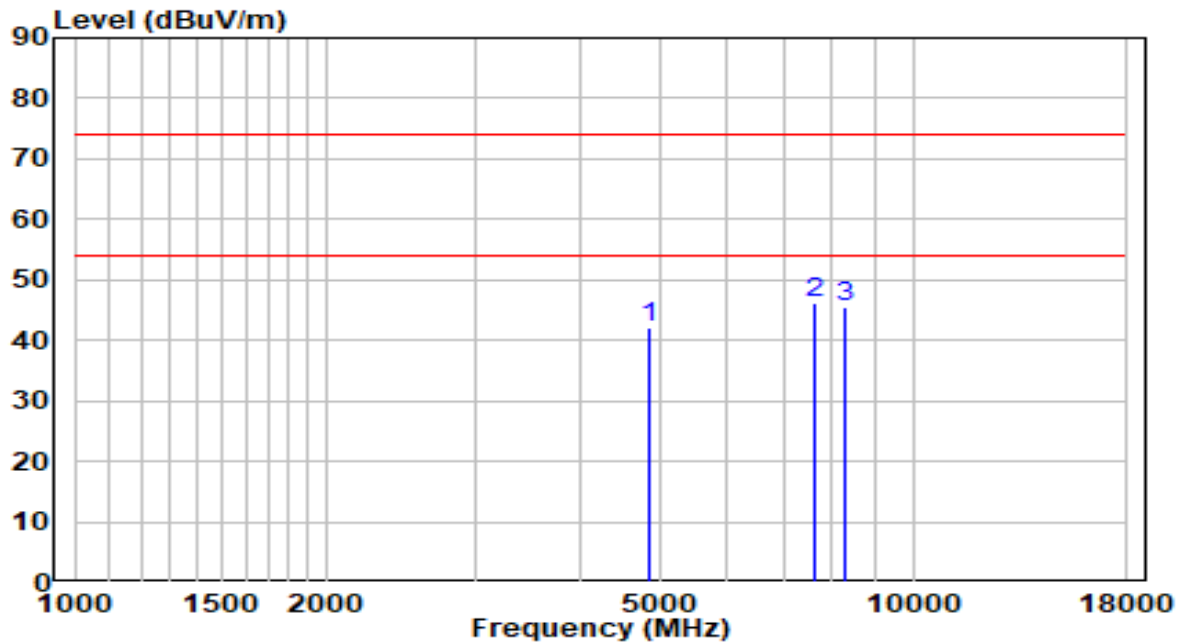


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4884.500	37.46	3.74	41.21	-32.79	74.00	Peak
2	7502.500	32.66	13.02	45.68	-28.32	74.00	Peak
3	* 8429.000	32.25	13.62	45.87	-28.13	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

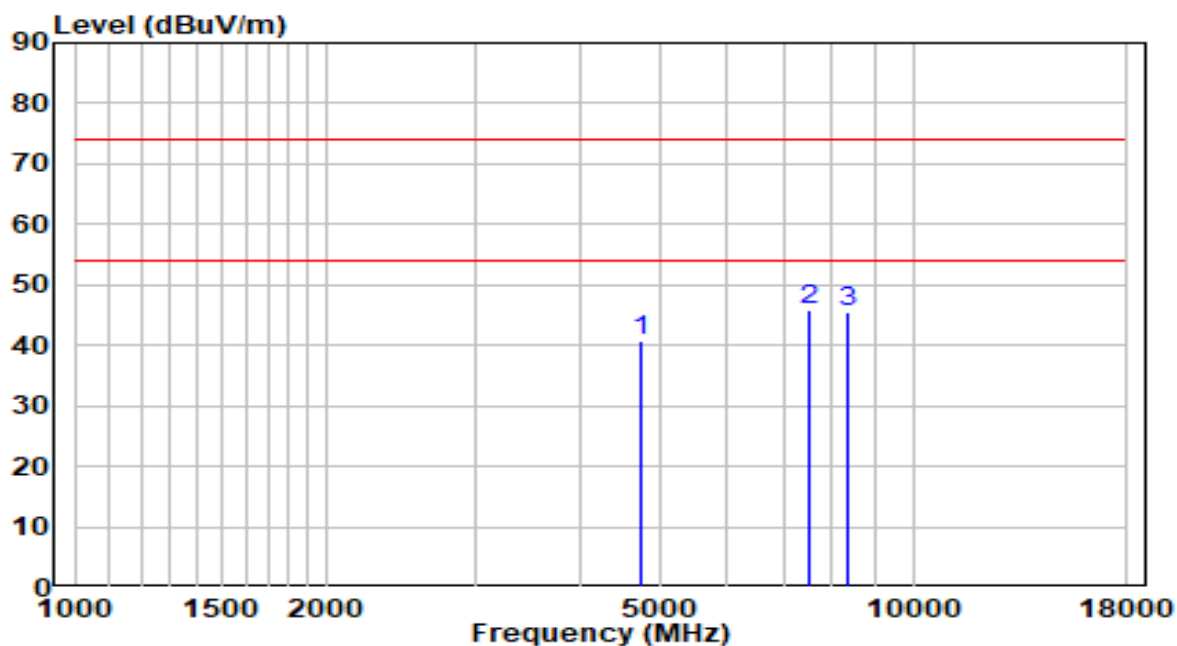


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.55	3.67	42.22	-31.78	74.00	Peak
2	* 7655.500	33.00	13.14	46.15	-27.85	74.00	Peak
3	8284.500	32.07	13.56	45.63	-28.37	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

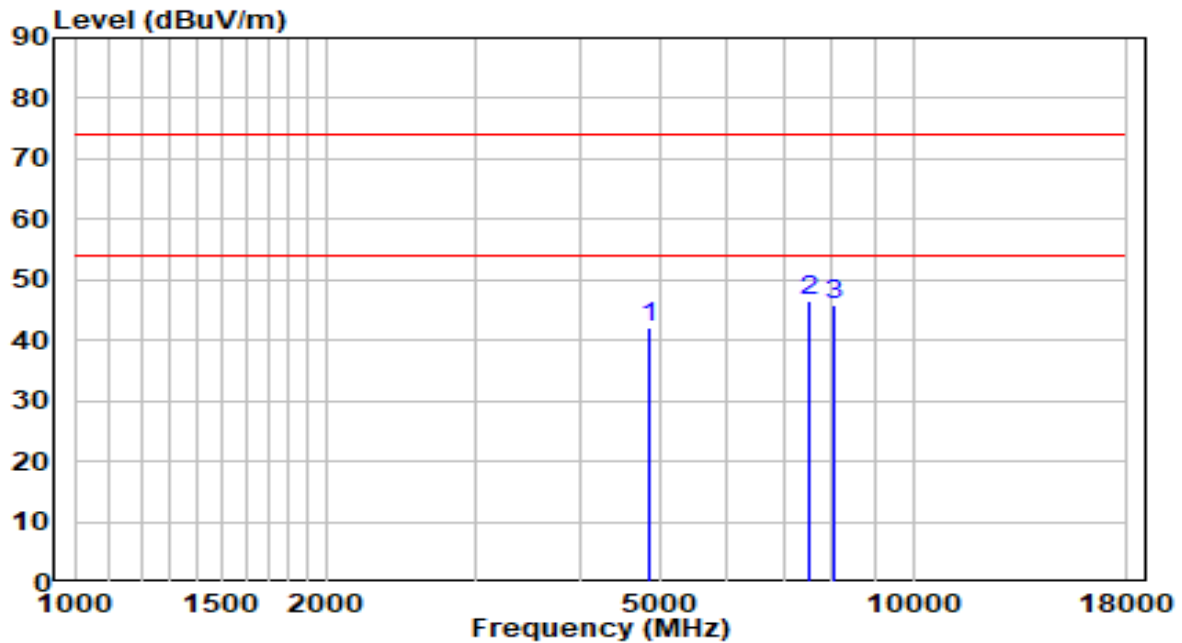


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4731.500	37.38	3.47	40.84	-33.16	74.00	Peak
2	* 7519.500	32.81	13.03	45.84	-28.16	74.00	Peak
3	8369.500	31.87	13.60	45.46	-28.54	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

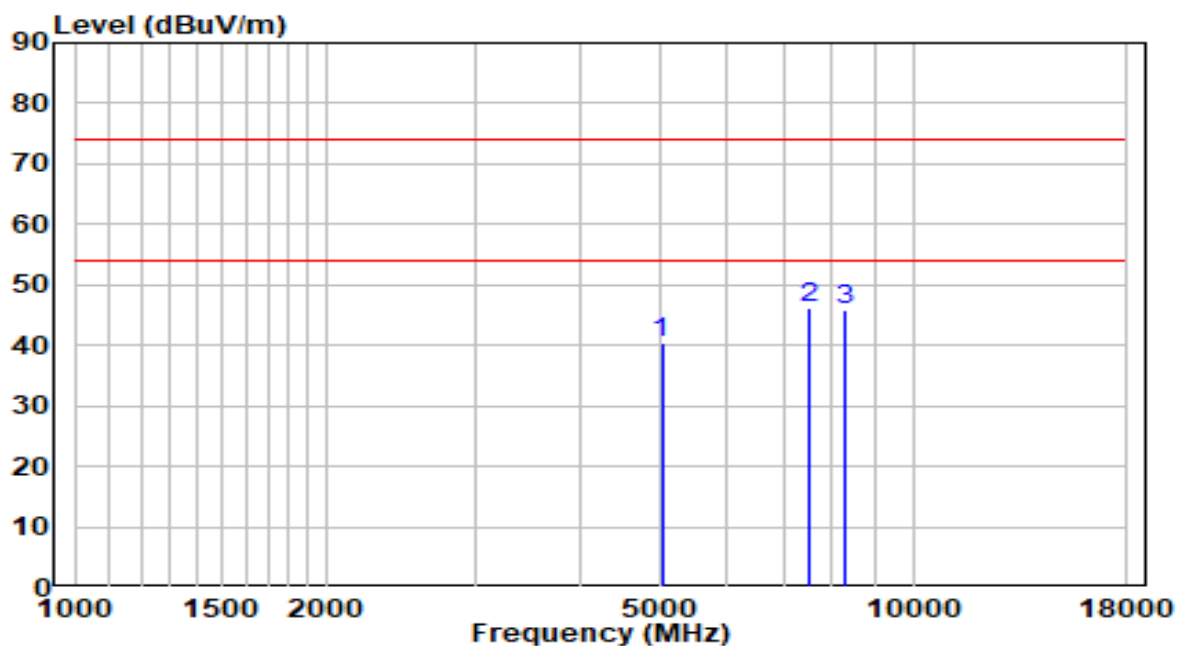


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.44	3.67	42.11	-31.89	74.00	Peak
2	* 7536.500	33.39	13.05	46.43	-27.57	74.00	Peak
3	8063.500	32.31	13.46	45.77	-28.23	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

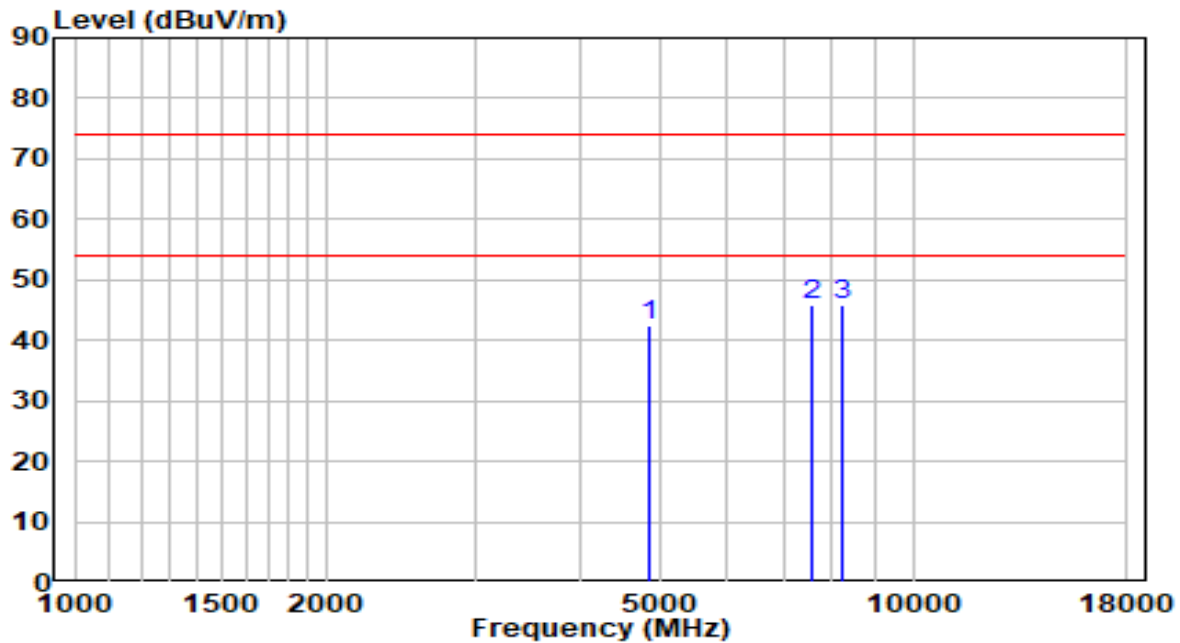


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5012.000	36.59	3.97	40.55	-33.45	74.00	Peak
2	* 7528.000	33.11	13.04	46.15	-27.85	74.00	Peak
3	8267.500	32.41	13.55	45.96	-28.04	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

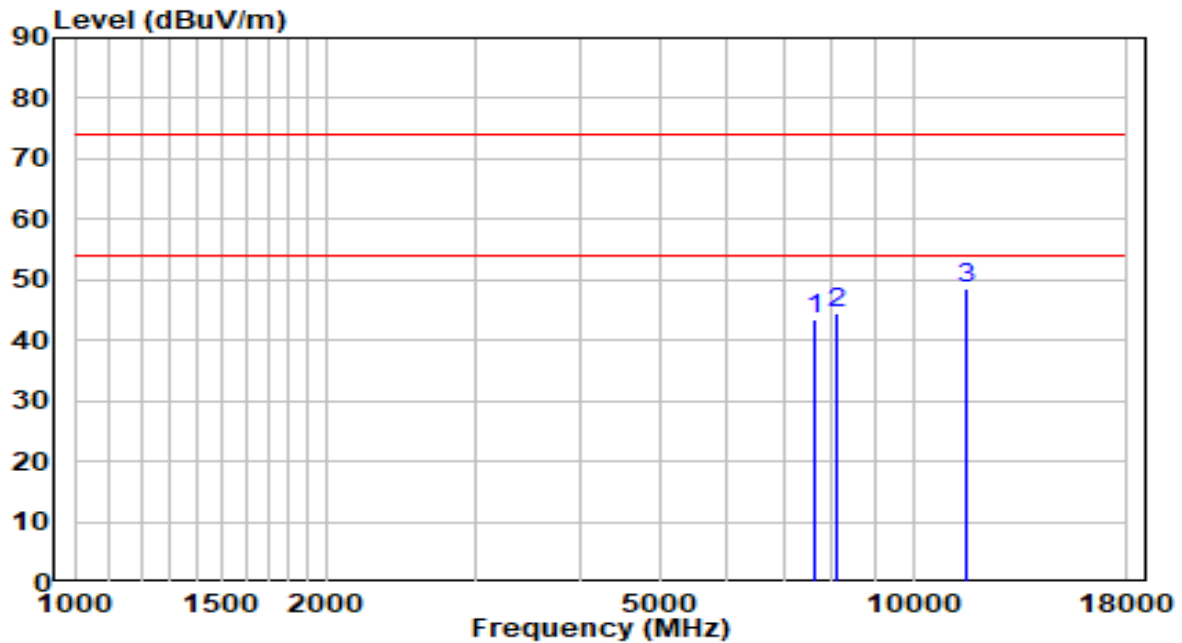


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4842.000	38.63	3.67	42.30	-31.70	74.00	Peak
2	7587.500	32.70	13.09	45.79	-28.21	74.00	Peak
3	* 8259.000	32.32	13.55	45.86	-28.14	74.00	Peak

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.

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-11-22
Factor	BBHA 9120D	Temp. / Humidity	25.2°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

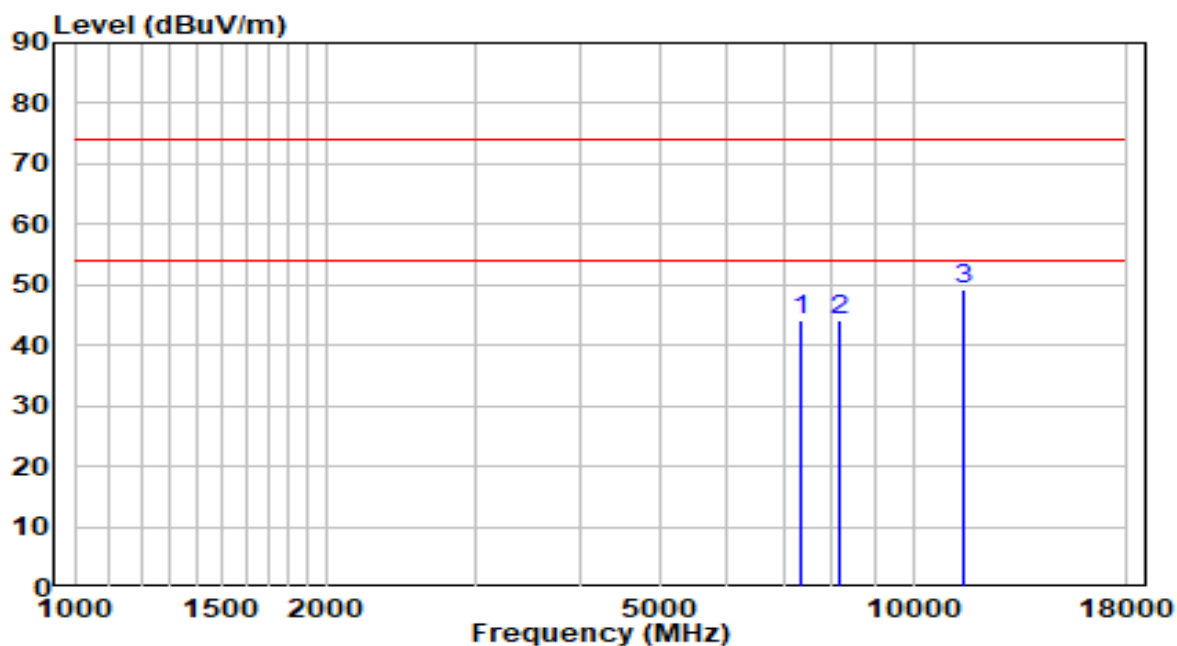


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	7655.500	30.46	13.14	43.60	-30.40	74.00	Peak
2	8089.000	31.00	13.47	44.47	-29.53	74.00	Peak
3	* 11565.500	28.53	19.90	48.43	-25.57	74.00	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-11-22
Factor	BBHA 9120D	Temp. / Humidity	25.2°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz



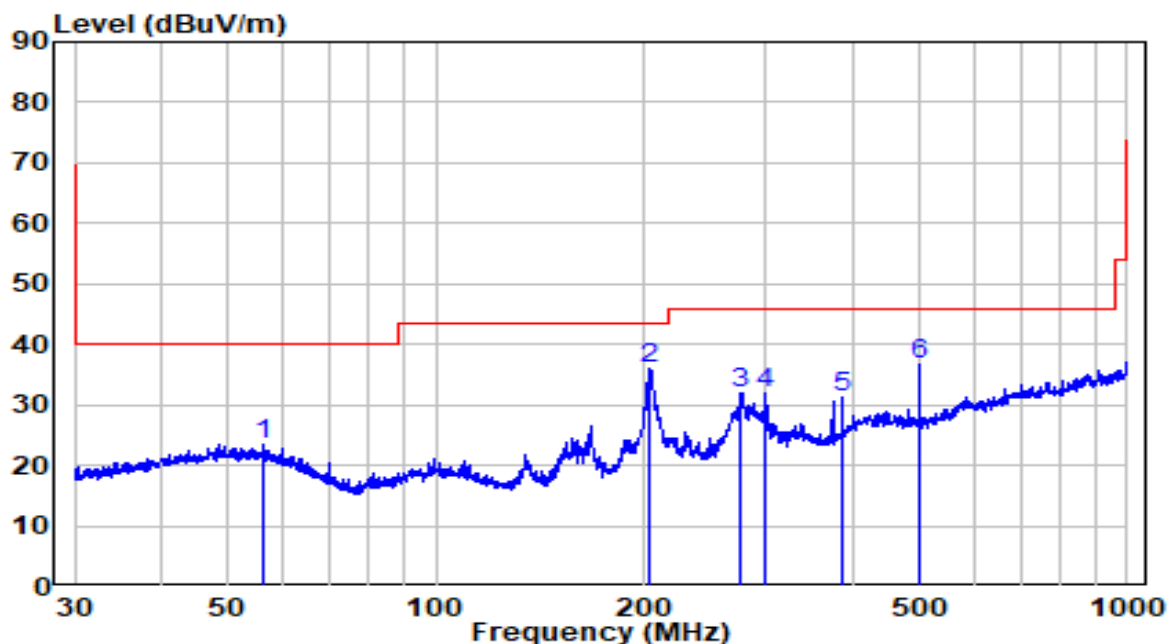
No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	7324.000	31.89	12.24	44.13	-29.87	74.00	Peak
2	8148.500	30.60	13.50	44.10	-29.90	74.00	Peak
3	* 11514.500	29.20	20.02	49.22	-24.78	74.00	Peak

Note:

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

The Result of Radiated Emission below 1GHz:

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

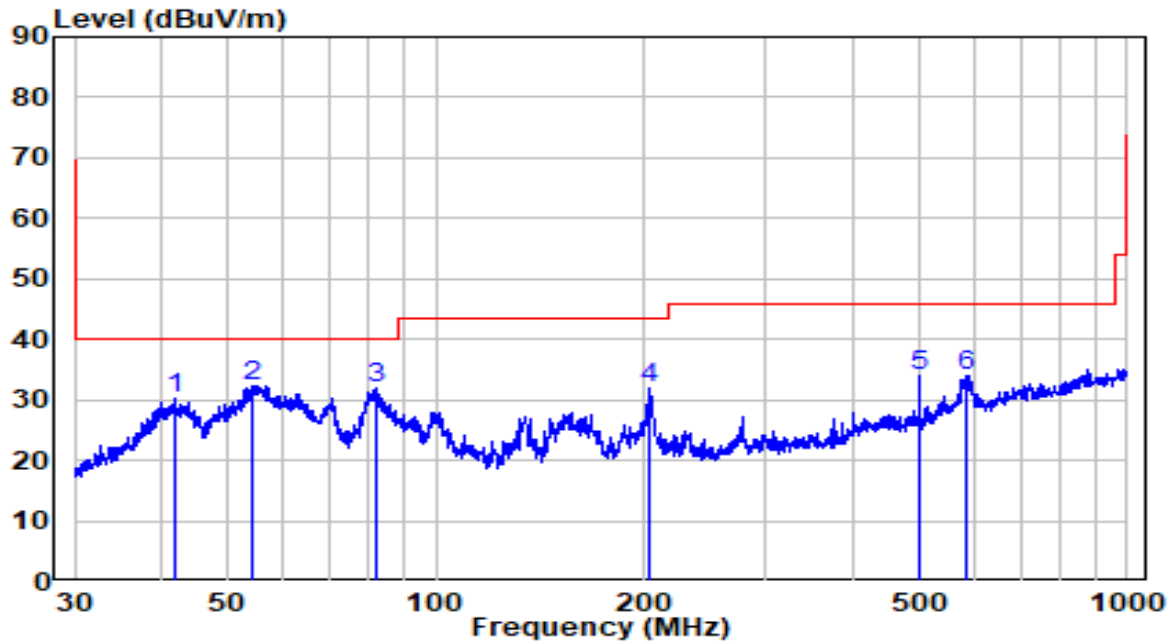


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	56.296	2.70	20.89	23.59	-16.41	40.00	Peak
2	* 203.523	16.85	19.09	35.94	-7.56	43.50	Peak
3	276.608	11.03	20.92	31.95	-14.05	46.00	Peak
4	299.841	10.33	21.50	31.82	-14.18	46.00	Peak
5	387.992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

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

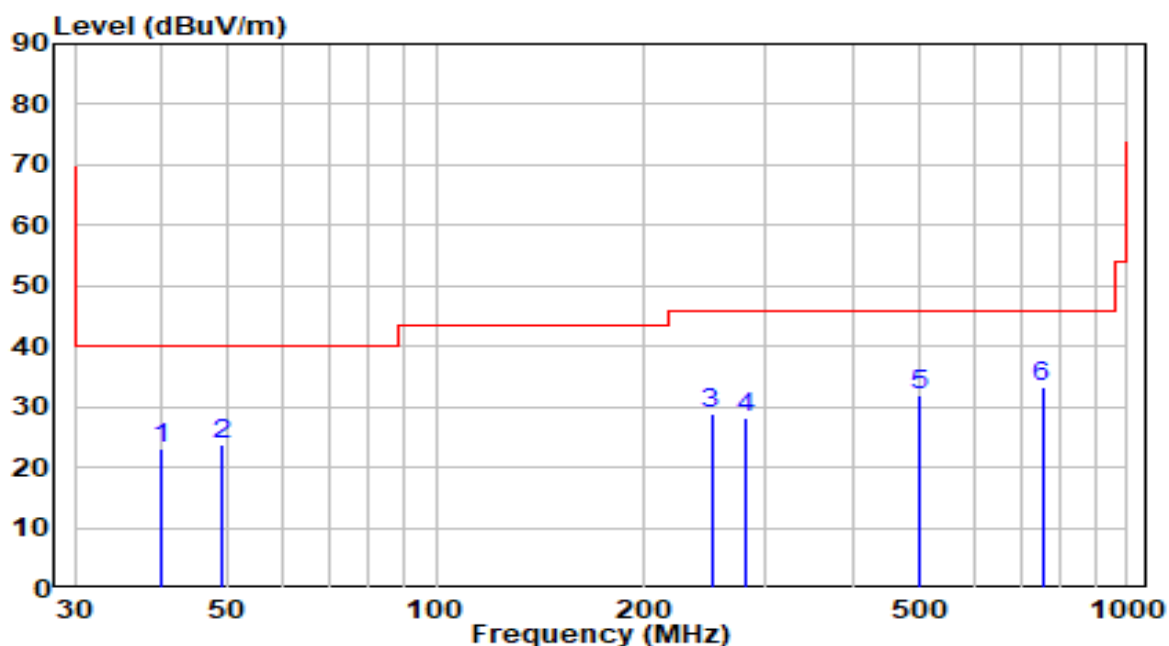


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	41.933	8.89	21.35	30.24	-9.76	40.00	Peak
2	* 54.356	11.10	21.25	32.35	-7.65	40.00	Peak
3	81.783	17.05	14.80	31.86	-8.14	40.00	Peak
4	203.166	12.65	19.10	31.76	-11.74	43.50	Peak
5	500.301	7.71	26.22	33.93	-12.07	46.00	Peak
6	585.816	6.35	27.52	33.87	-12.13	46.00	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	25.2°C /40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

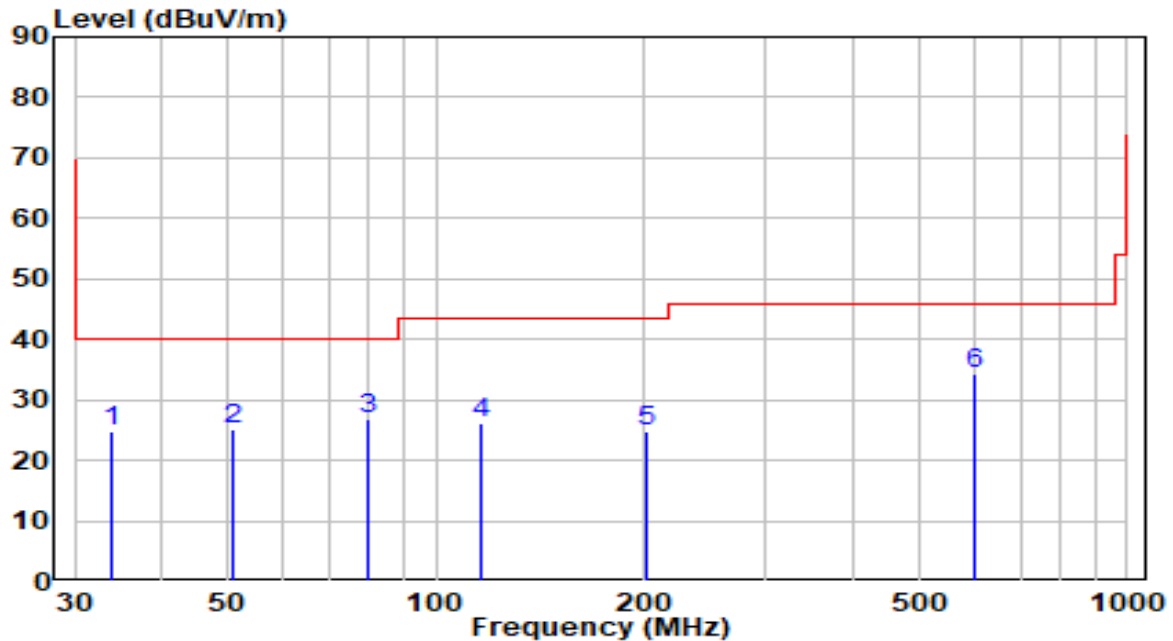


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	40.185	2.08	21.09	23.16	-16.84	40.00	Peak
2	48.915	1.67	22.00	23.67	-16.33	40.00	Peak
3	250.190	8.24	20.54	28.78	-17.22	46.00	Peak
4	281.230	7.17	21.06	28.23	-17.77	46.00	Peak
5	499.965	5.69	26.22	31.91	-14.09	46.00	Peak
6	* 753.135	3.10	30.13	33.24	-12.76	46.00	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	25.2°C /40%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11n-HT20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		33.880	5.70	19.11	24.82	-15.18	40.00	Peak
2		50.855	3.21	21.89	25.10	-14.90	40.00	Peak
3		79.470	12.46	14.49	26.95	-13.05	40.00	Peak
4		116.330	8.39	17.78	26.17	-17.33	43.50	Peak
5		200.720	5.73	19.22	24.94	-18.56	43.50	Peak
6	*	599.875	6.52	27.80	34.32	-11.68	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.
- 5.The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

5.5. 混附發射之 RF 傳導發射

5.5.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz) 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz) 內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以本節 4.10.1(2)(2.3) 之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

備註

解析頻寬設置為 1.3 MHz 是為了提供量測速度。使用限值還是法規定義的基於解析頻寬 100 kHz 情形下主波下降 20dB，如果量測波形接近限值，我們會使用降低解析頻寬方式作驗證。

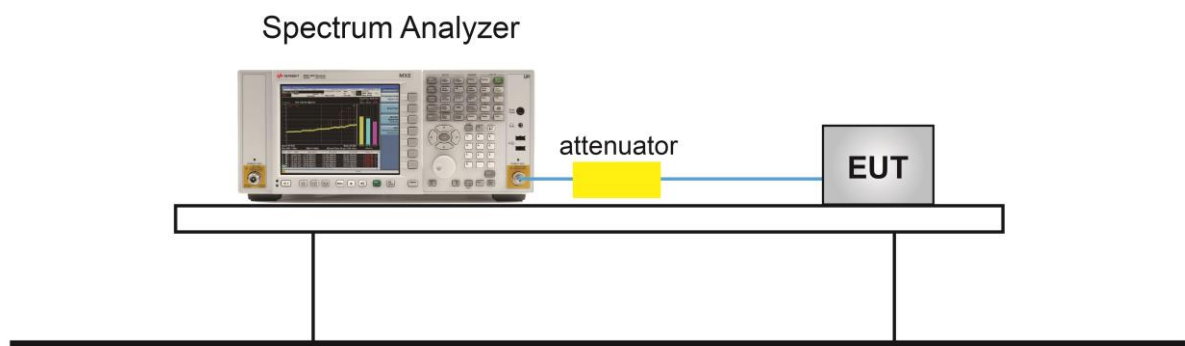
5.5.2. 量測方法

依據國家通訊傳播委員會低功率射頻器材技術規範之附件三，頻率跳頻展頻系統檢測之參考程式七 混附發射之 RF 傳導發射：

(一) 頻譜分析儀設定如下：

1. 頻率掃描範圍足以檢測頻帶內的發射波峰位準以及由受測物產生之最低頻率到第 10 次諧波的所有混附發射，通常需要分幾段以涵蓋全部頻率範圍。
2. 解析頻寬為 100kHz，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 將標記設定於任何欲紀錄之波峰上，所顯示之位準值必須符合指定之限制值。

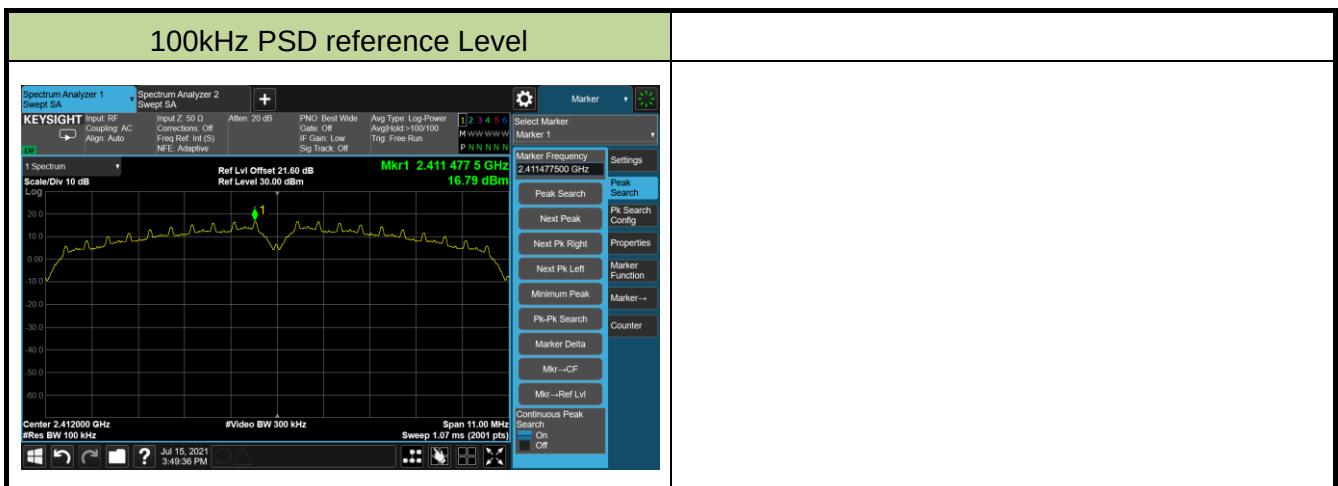
5.5.3. 測試架構圖



5.5.4. 混附發射之 RF 傳導發射測試結果

待測物名稱	AX5400 三頻 Wi-Fi 6 路由器	溫度	23°C
測試工程師	Eric Lin	濕度	54%
測試場地	SR2	測試日期	2021/07/15

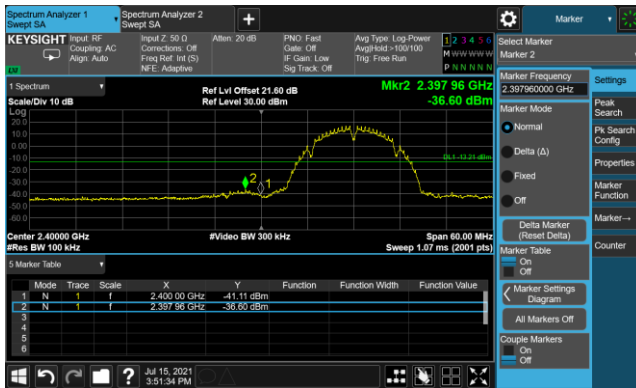
Test Mode	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	01	2412	≤ 30	Pass
802.11b	06	2437	≤ 30	Pass
802.11b	11	2462	≤ 30	Pass
802.11g	01	2412	≤ 30	Pass
802.11g	06	2437	≤ 30	Pass
802.11g	11	2462	≤ 30	Pass
802.11n-HT20	01	2412	≤ 30	Pass
802.11n-HT20	06	2437	≤ 30	Pass
802.11n-HT20	11	2462	≤ 30	Pass
802.11n-HT40	03	2422	≤ 30	Pass
802.11n-HT40	06	2437	≤ 30	Pass
802.11n-HT40	09	2452	≤ 30	Pass
802.11ax-HE20	01	2412	≤ 30	Pass
802.11ax-HE20	06	2437	≤ 30	Pass
802.11ax-HE20	11	2462	≤ 30	Pass
802.11ax-HE40	03	2422	≤ 30	Pass
802.11ax-HE40	06	2437	≤ 30	Pass
802.11ax-HE40	09	2452	≤ 30	Pass



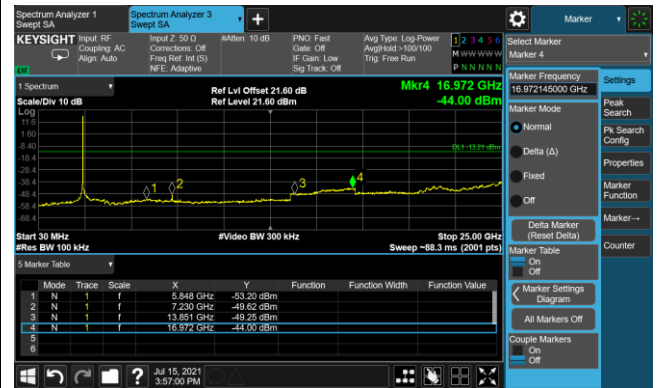
802.11b Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

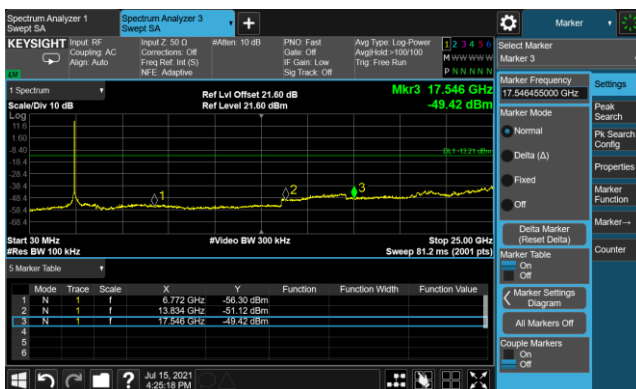


Spurious Emission



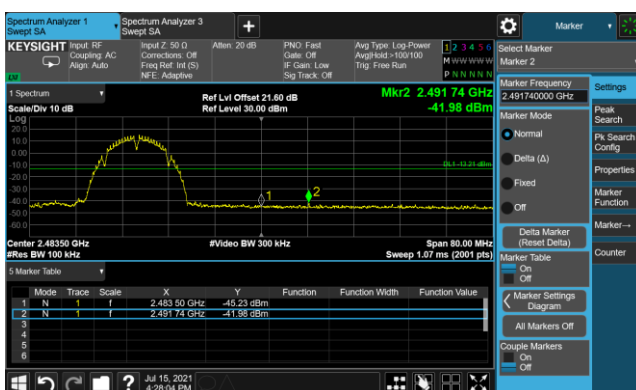
Channel 06 (2437MHz)

Spurious Emission

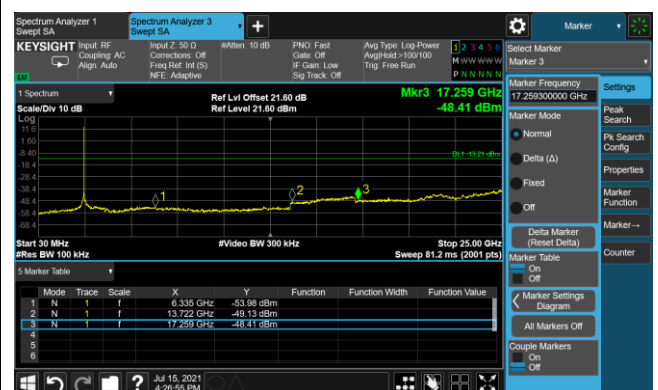


Channel 11 (2462MHz)

High Band Edge



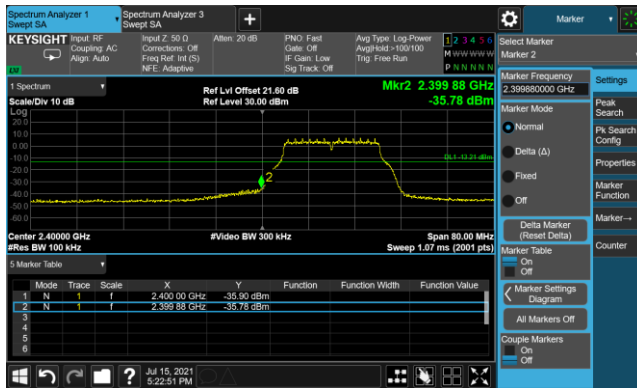
Spurious Emission



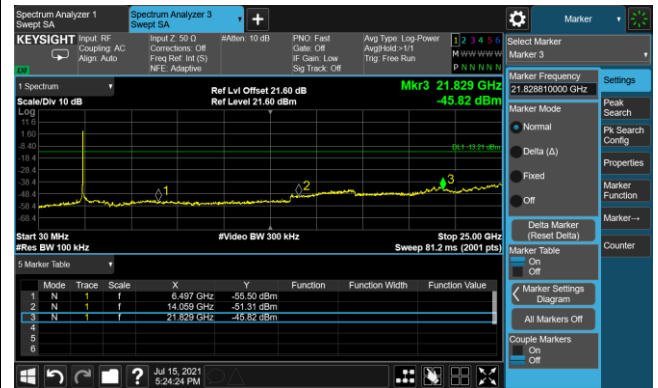
802.11g Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

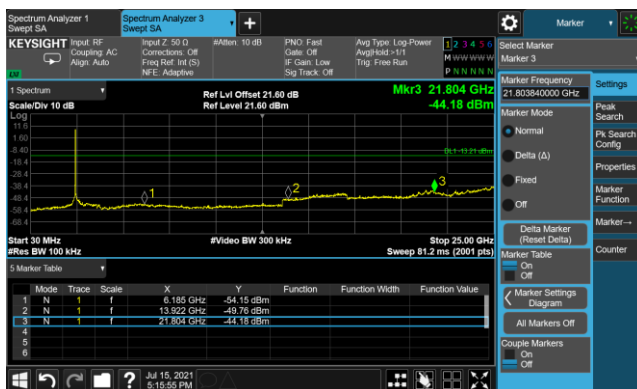


Spurious Emission



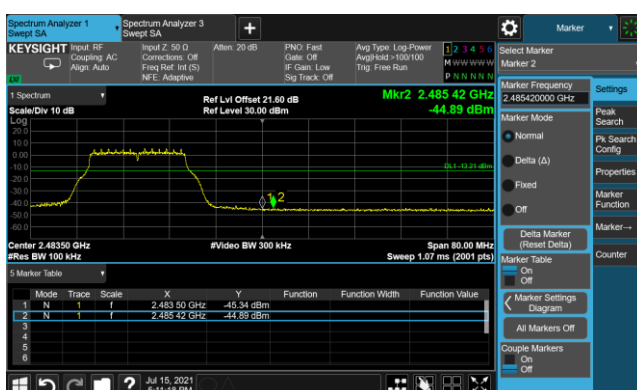
Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



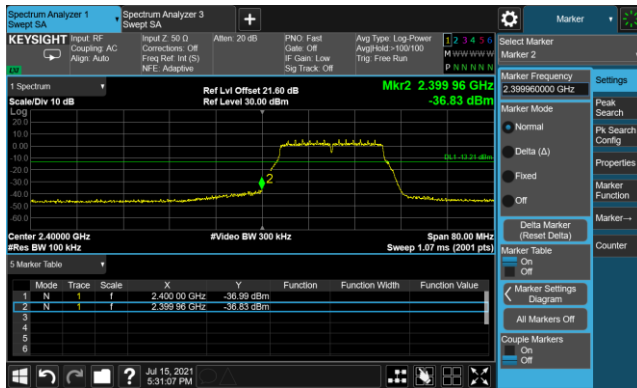
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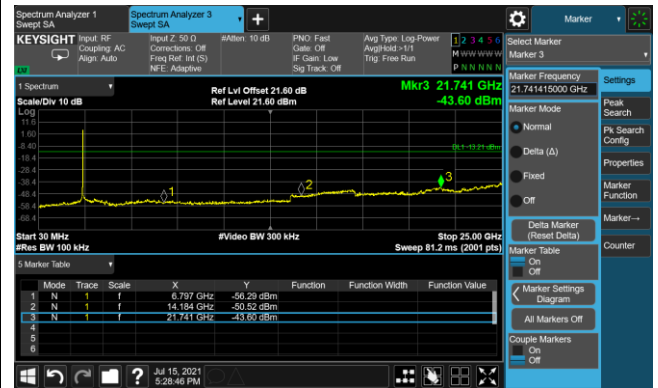
802.11n-HT20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

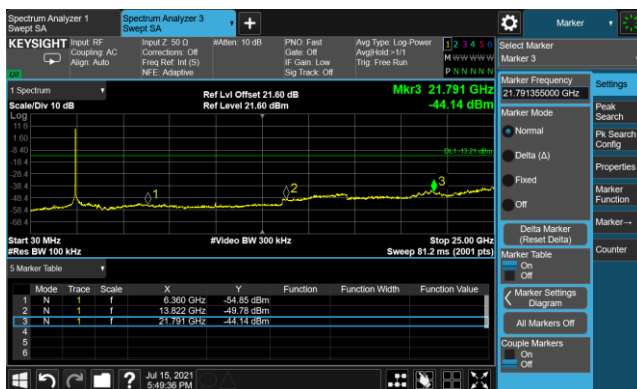


Spurious Emission



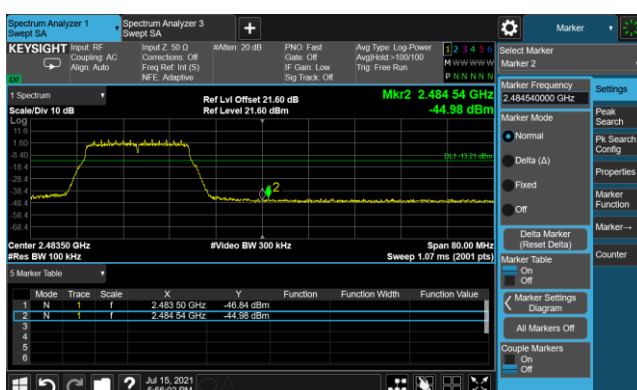
Channel 06 (2437MHz)

Spurious Emission

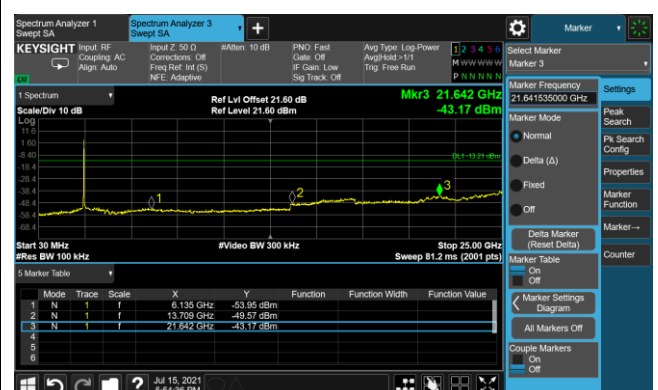


Channel 11 (2462MHz)

High Band Edge



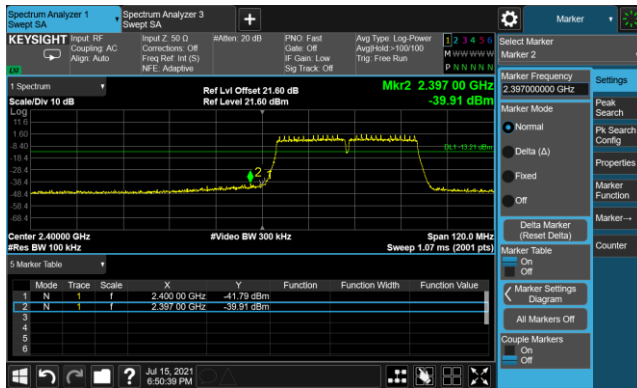
Spurious Emission



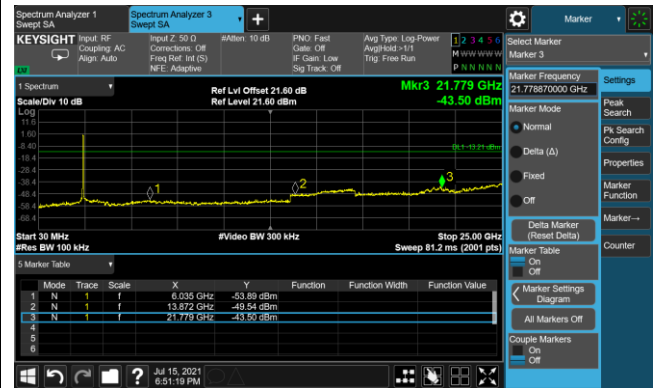
802.11n-HT40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge

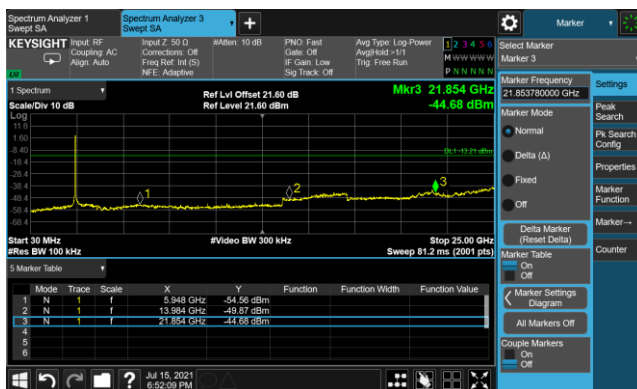


Spurious Emission



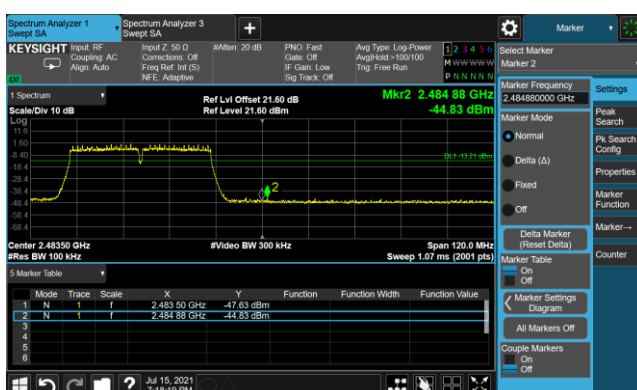
Channel 06 (2437MHz)

Spurious Emission

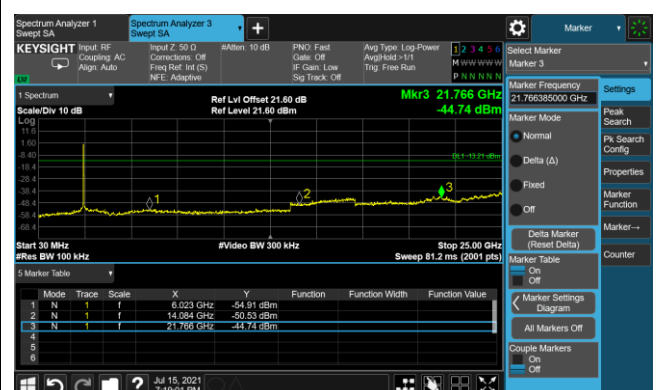


Channel 09 (2452MHz)

High Band Edge



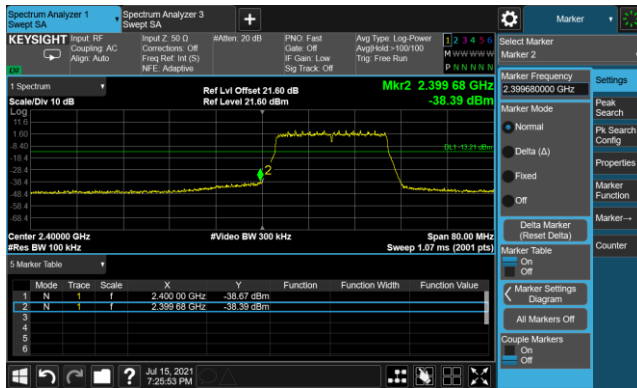
Spurious Emission



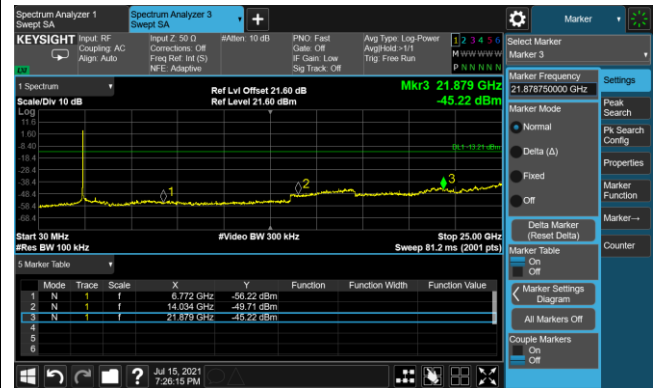
802.11ax-HE20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

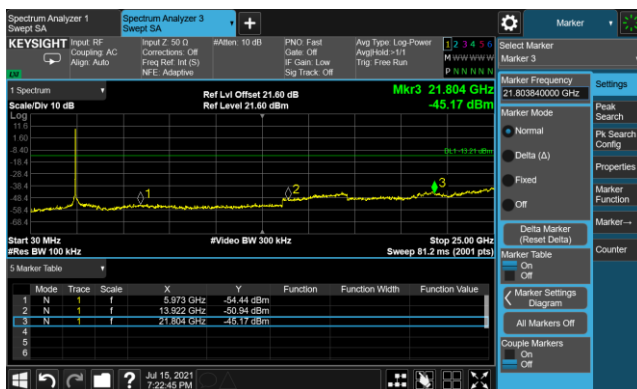


Spurious Emission



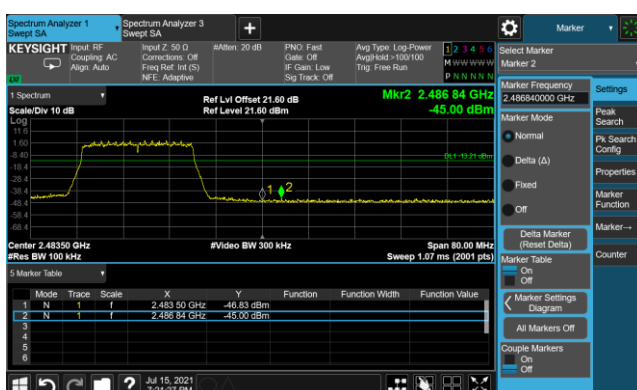
Channel 06 (2437MHz)

Spurious Emission

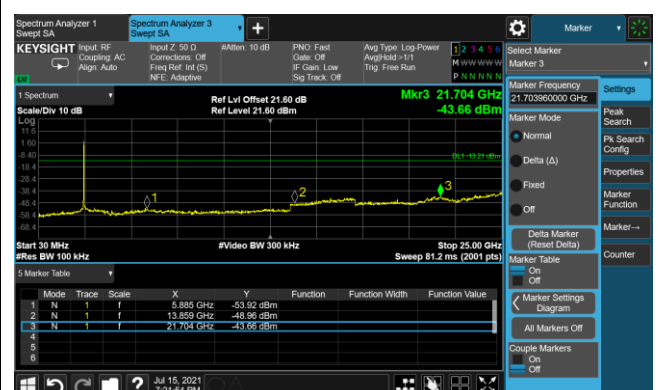


Channel 11 (2462MHz)

High Band Edge



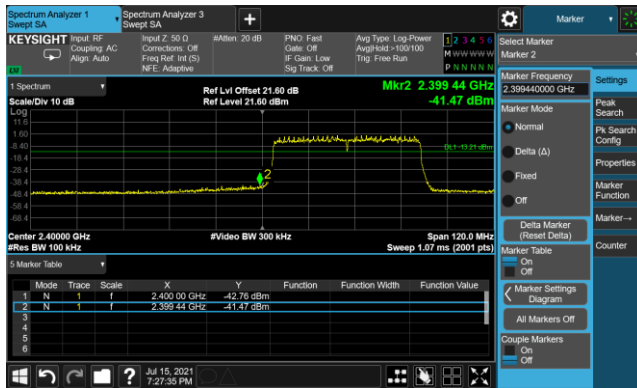
Spurious Emission



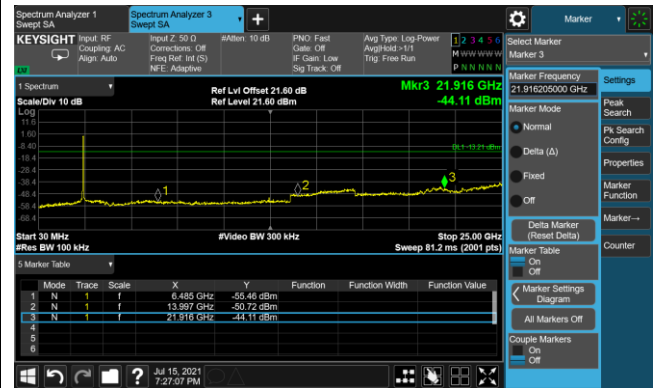
802.11ax-HE40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge

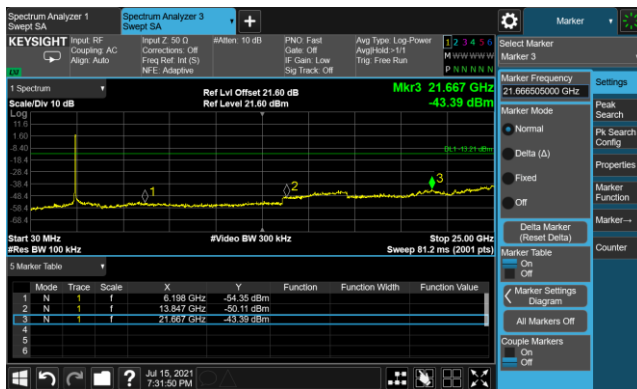


Spurious Emission



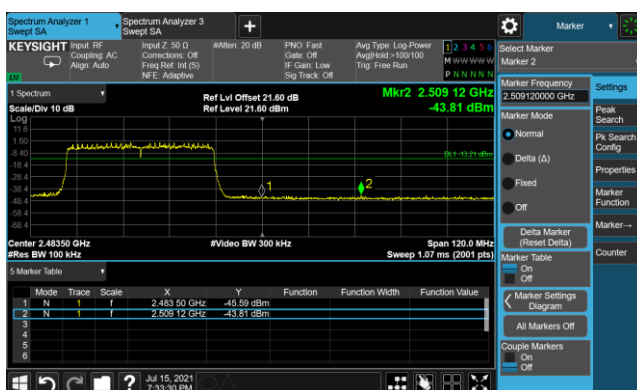
Channel 06 (2437MHz)

Spurious Emission

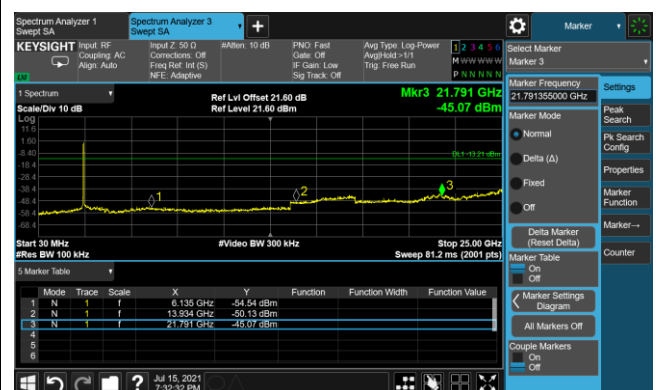


Channel 09 (2452MHz)

High Band Edge



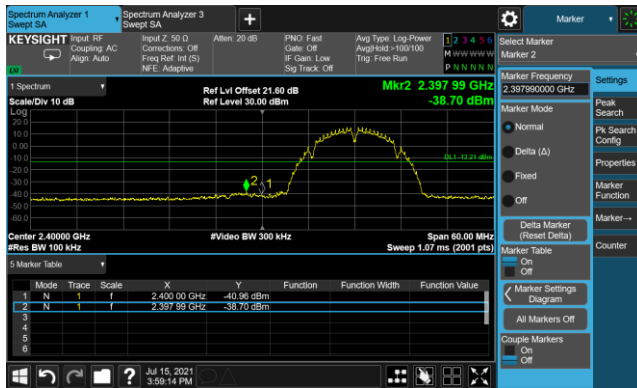
Spurious Emission



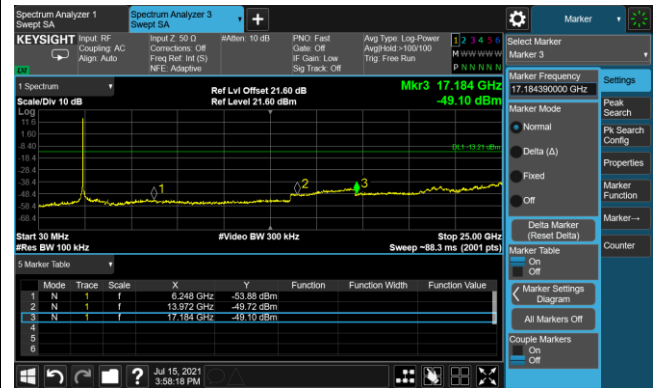
802.11b Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

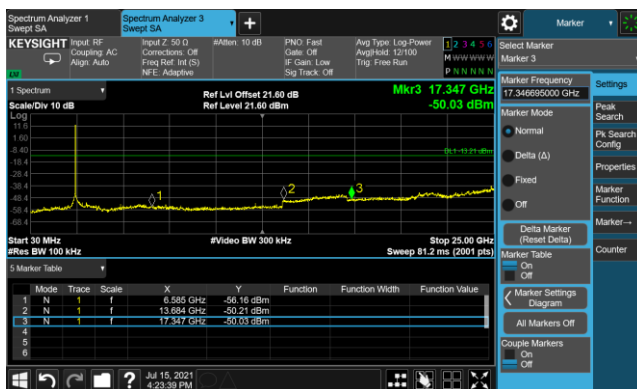


Spurious Emission



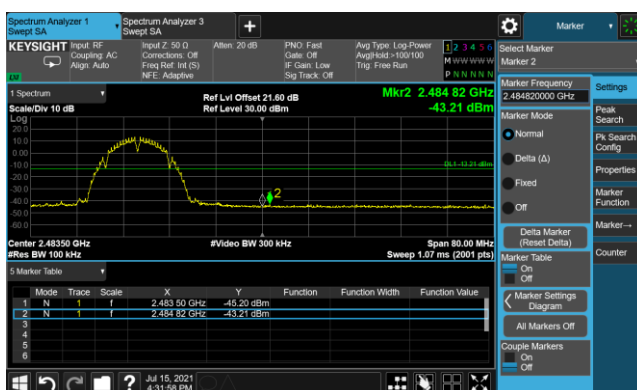
Channel 06 (2437MHz)

Spurious Emission

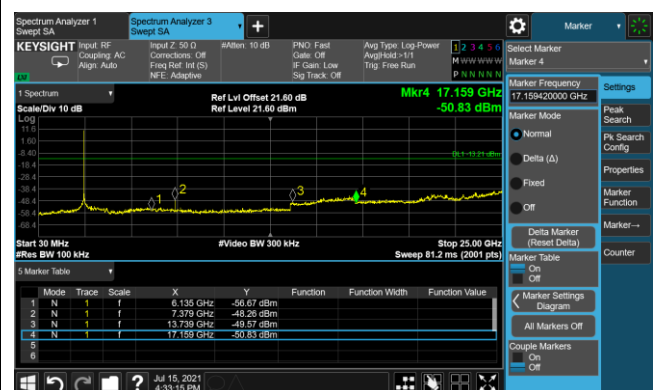


Channel 11 (2462MHz)

High Band Edge



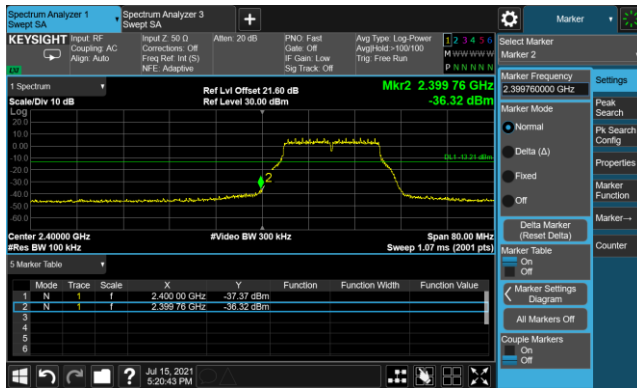
Spurious Emission



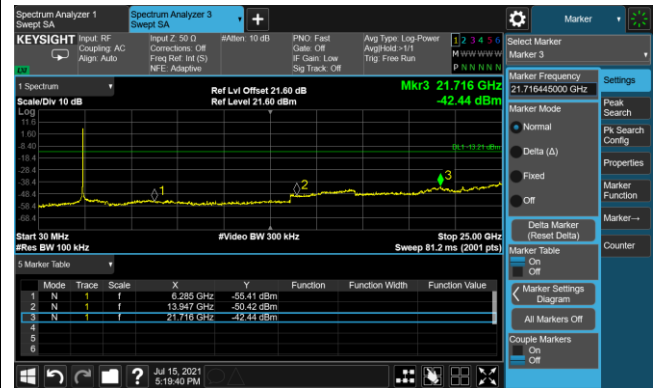
802.11g Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

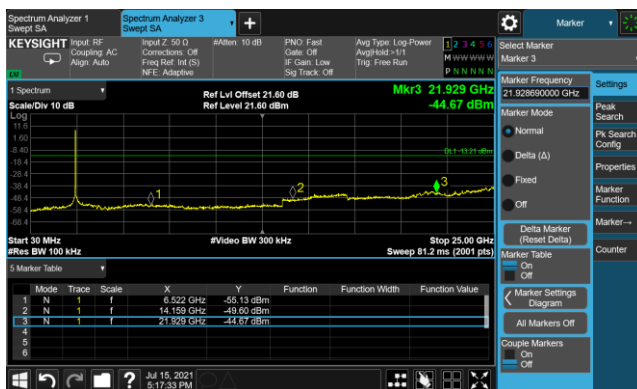


Spurious Emission



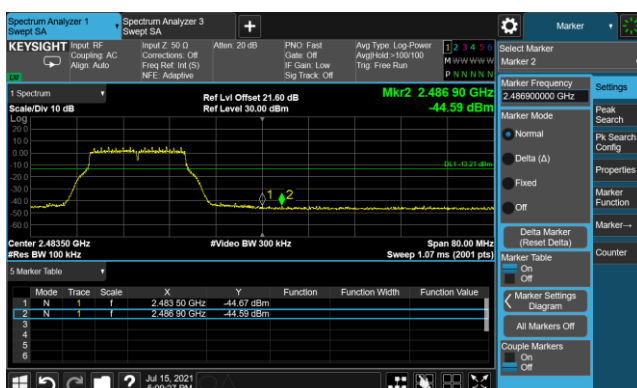
Channel 06 (2437MHz)

Spurious Emission

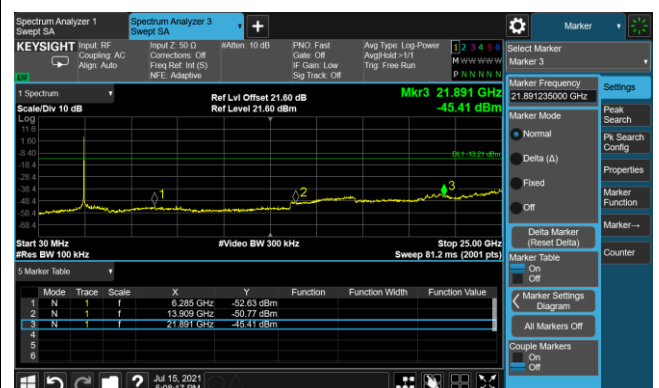


Channel 11 (2462MHz)

High Band Edge



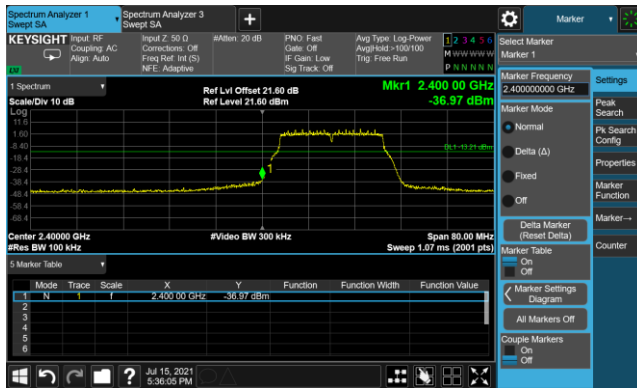
Spurious Emission



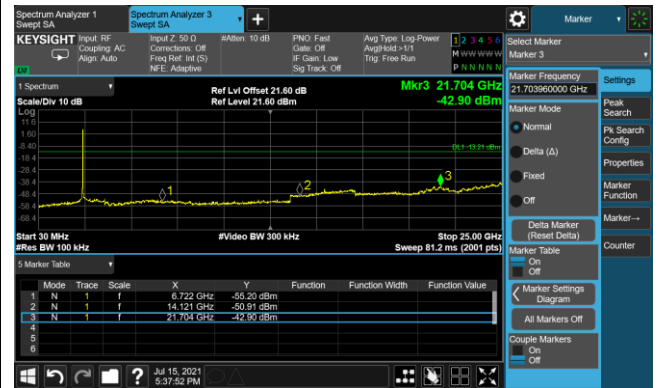
802.11n-HT20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

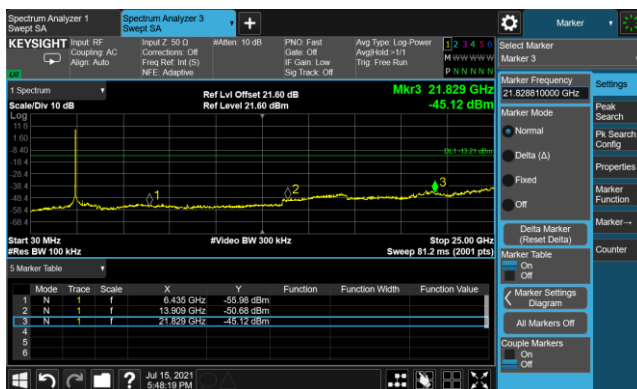


Spurious Emission



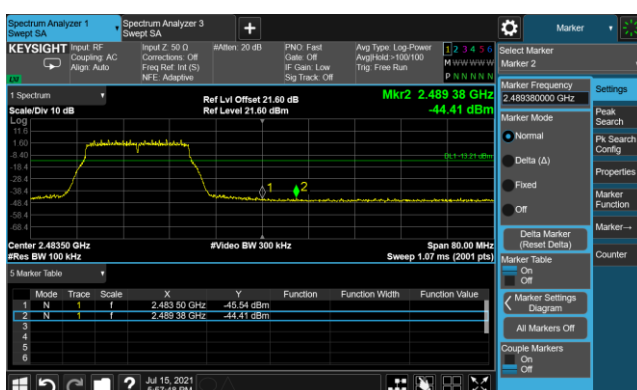
Channel 06 (2437MHz)

Spurious Emission

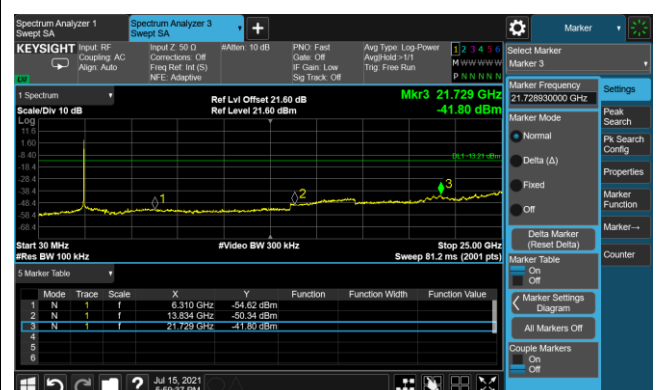


Channel 11 (2462MHz)

High Band Edge



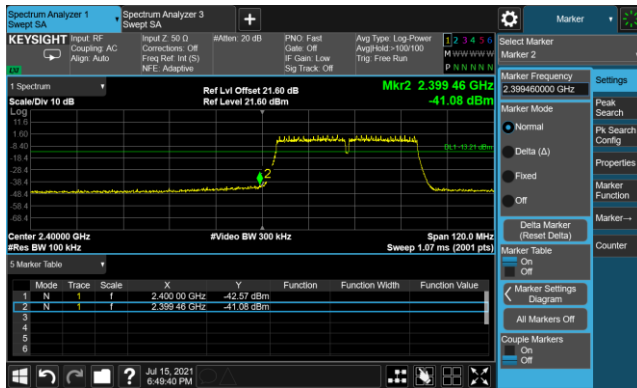
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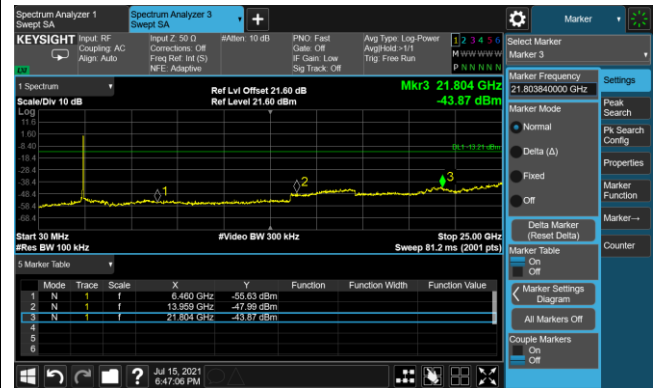
802.11n-HT40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge

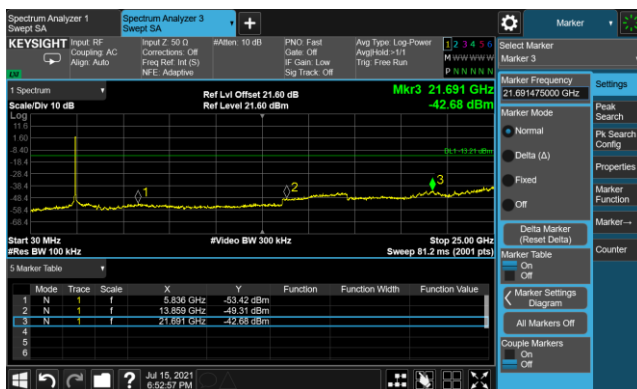


Spurious Emission



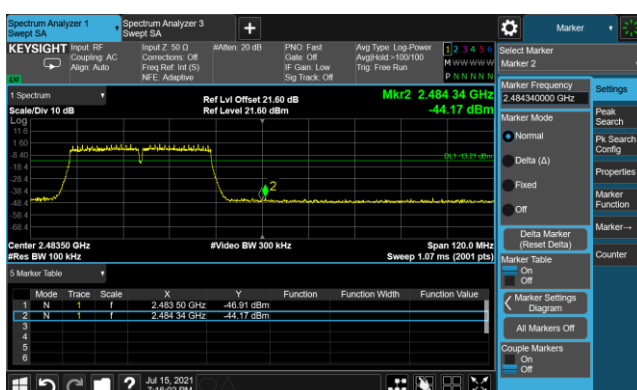
Channel 06 (2437MHz)

Spurious Emission



Channel 09 (2452MHz)

High Band Edge



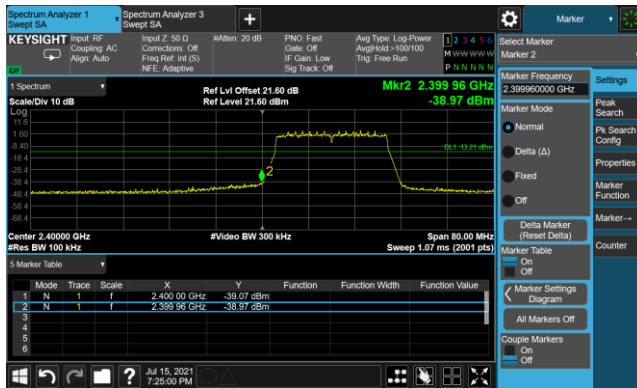
Spurious Emission



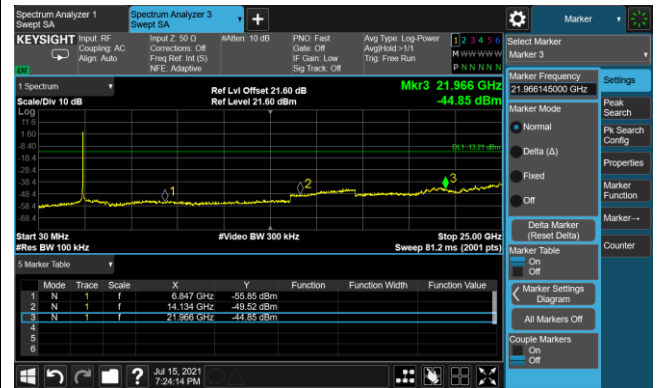
802.11ax-HE20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)

Low Band Edge

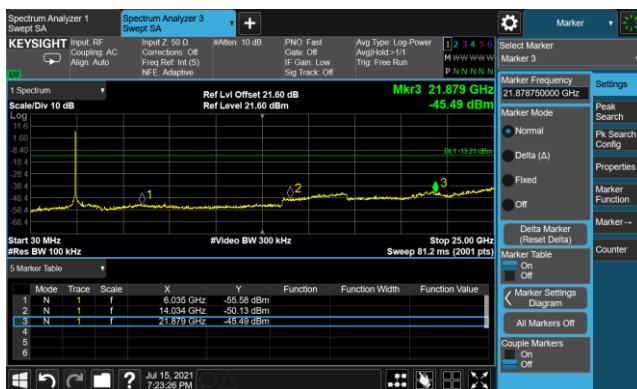


Spurious Emission



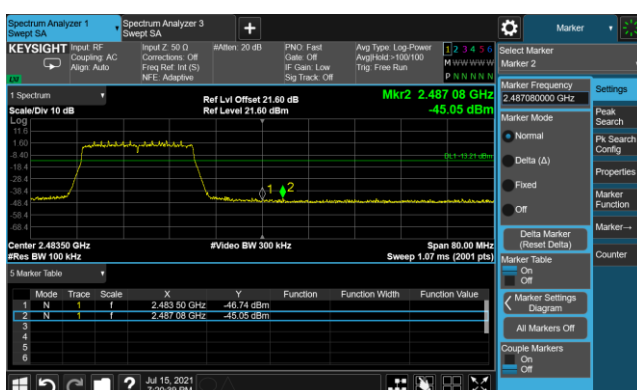
Channel 06 (2437MHz)

Spurious Emission

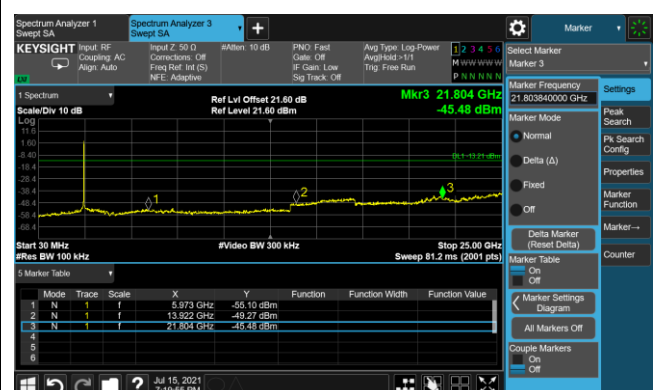


Channel 11 (2462MHz)

High Band Edge



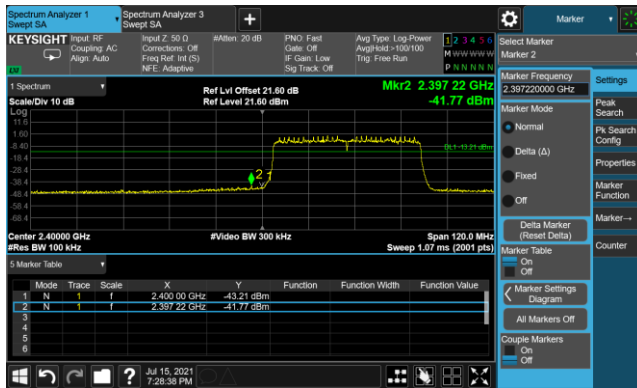
Spurious Emission



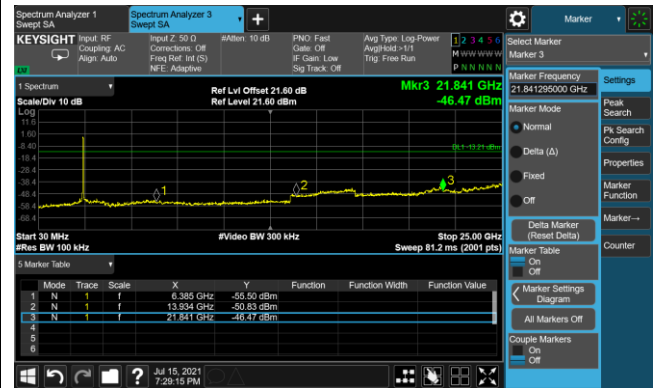
802.11ax-HE40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)

Low Band Edge

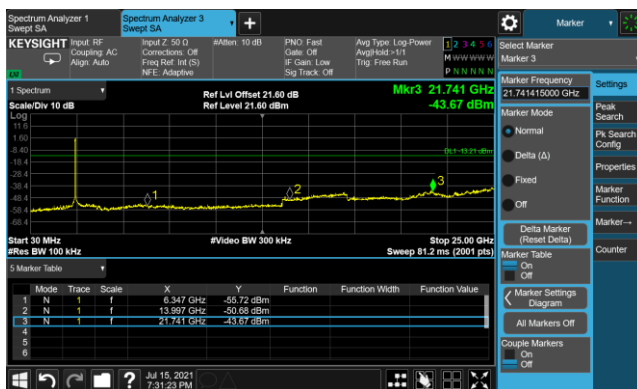


Spurious Emission



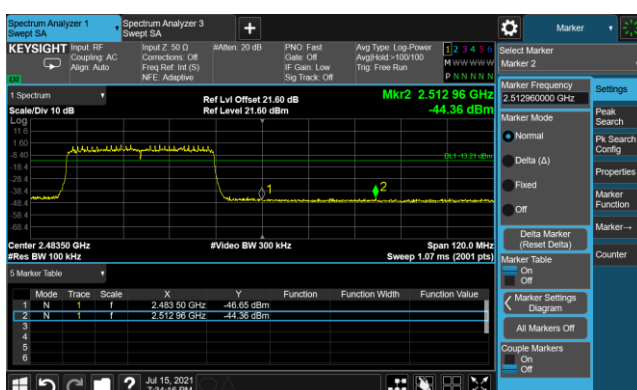
Channel 06 (2437MHz)

Spurious Emission

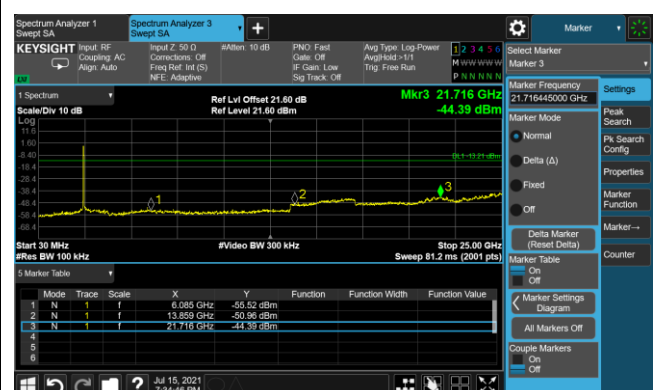


Channel 09 (2452MHz)

High Band Edge



Spurious Emission



5.6. 開放頻帶邊緣之不必要幅射要求

5.6.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz) 內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz) 內的射頻功率，衰減值限制如下：

(1) 輸出功率以低功率射頻器材技術規範附件二之峰值輸出功率方式量測者，至少須衰減 20 dB，可使用射頻傳導或輻射方式測量。

(2) 輸出功率以低功率射頻器材技術規範 4.10.1(2)(2.3) 之最大傳導輸出功率量測方式者，至少須衰減 30 dB。

此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定(限制要求如下)：

發射依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.6 節，低功率射頻器材，除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

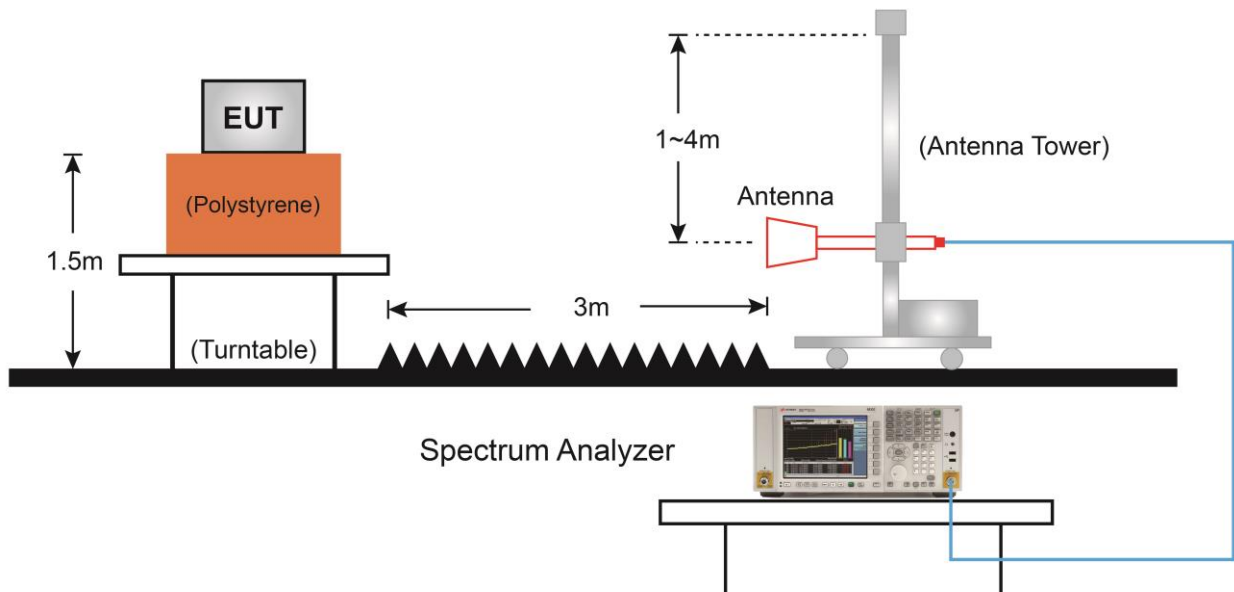
頻率(f) (MHz)	電場強度 (微伏特/公尺, $\mu\text{V/m}$)	測距 (公尺)
$0.009 \leq f \leq 0.490$	$2400/f(\text{kHz})$	300
$0.490 < f \leq 1.705$	$24000/f(\text{kHz})$	30
$1.705 < f < 30$	30	30
$30 \leq f \leq 88$	100	3
$88 < f \leq 216$	150	3
$216 < f \leq 960$	200	3
$960 < f$	500	3

上表規定之電場強度，發射頻率在 9 kHz~90 kHz、110 kHz~490 kHz 及 1000MHz 以上者，其量測應以平均值檢波器為基準，且須符合低功率射頻器材技術規範第 6.14.節之規定；其他發射頻率，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時，應符合第 6.5 節之規定，而輻射發射之量測頻率範圍須符合低功率射頻器材技術規範第 6.12 節之規定。

5.6.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

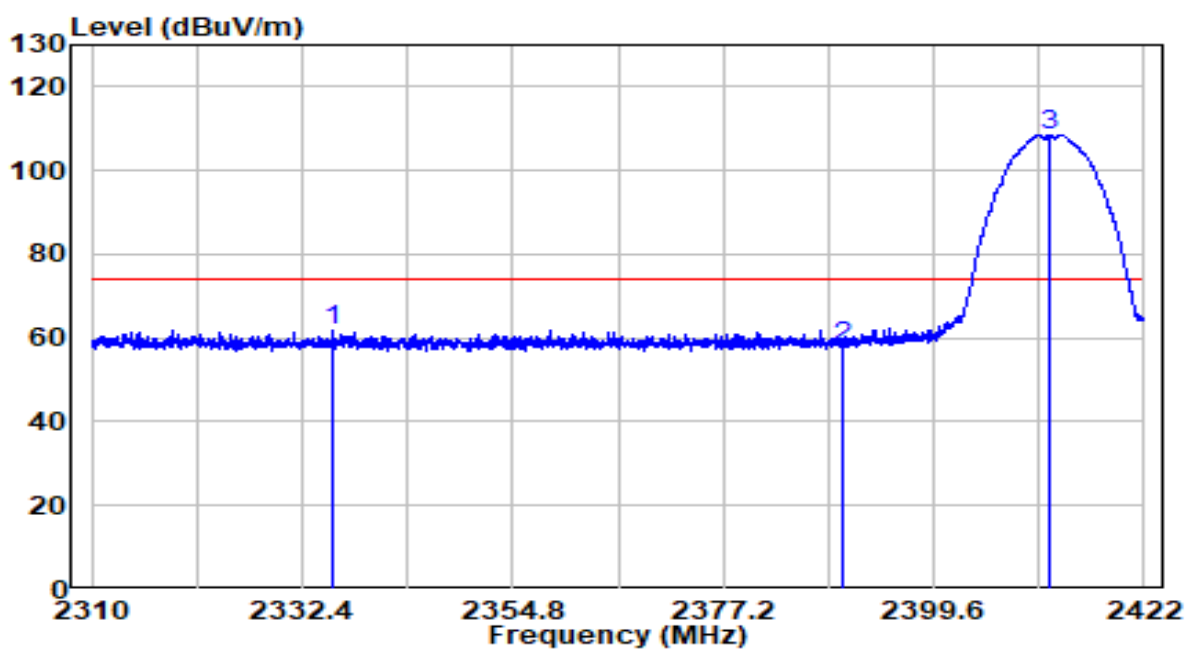
5.6.3. 測試架構圖



備 註: 使用頻率範圍外之任意 100 千赫雜訊, 使用輻射方式測量, 6 dB 頻寬使用 1MHz 遠大於 100kHz 仍可 PASS, 檢附其測試數據。

5.6.4. 測試結果

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

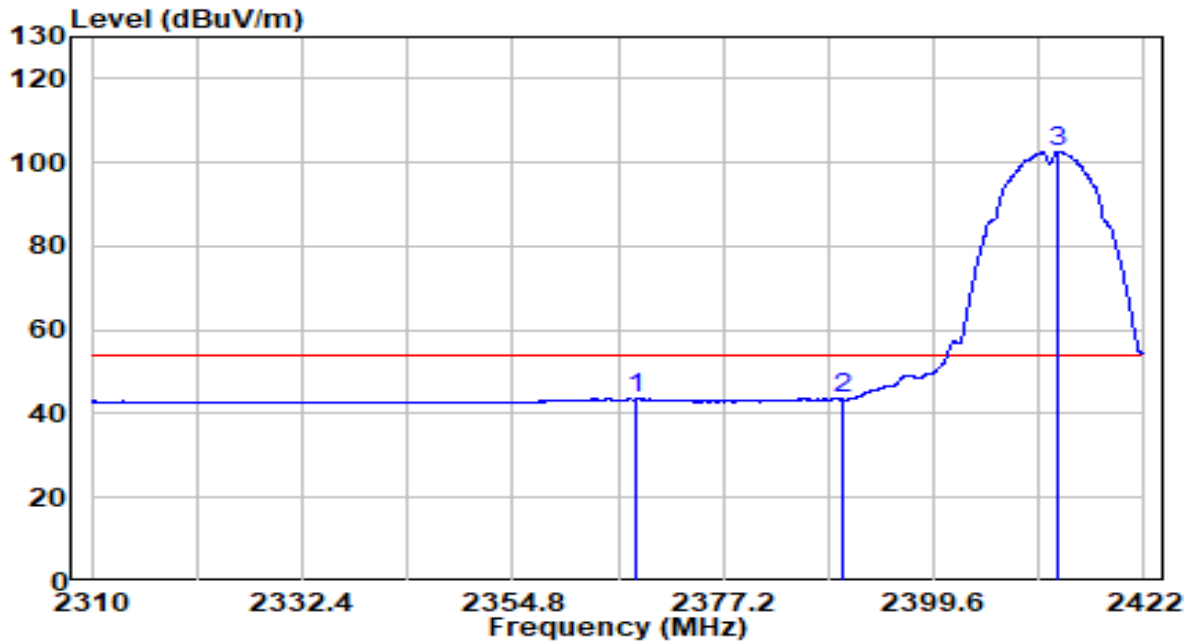


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2335.760	29.99	31.99	61.98	-12.02	74.00	Peak
2	2390.024	25.59	32.22	57.81	-16.19	74.00	Peak
3	* 2411.976	76.21	32.31	108.52	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

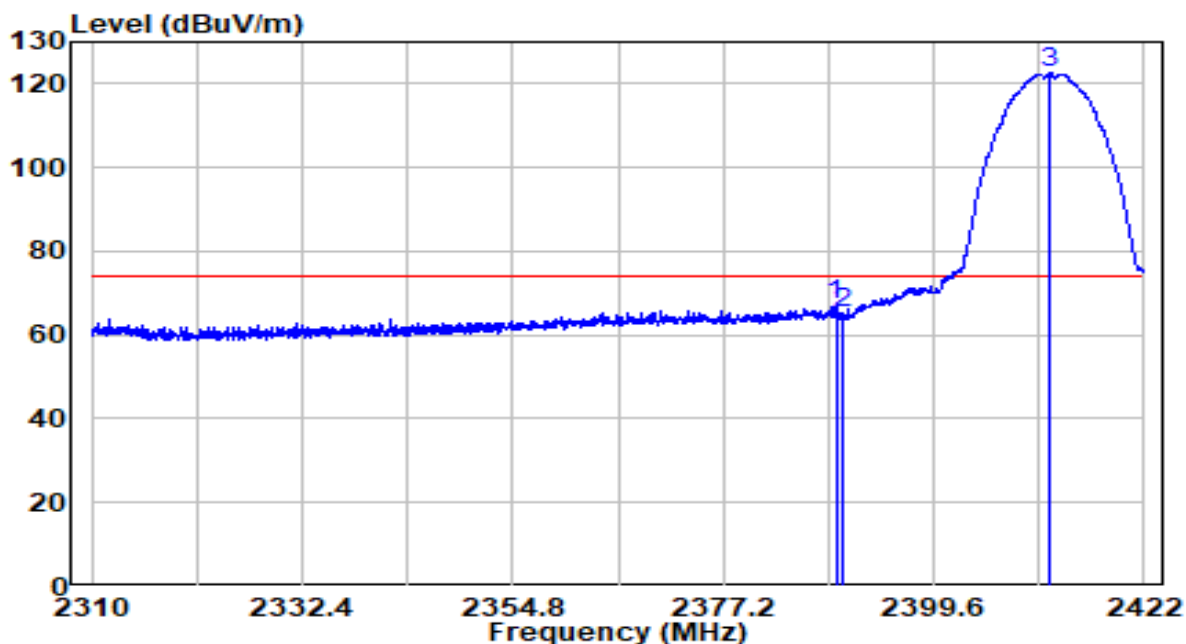


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2368.016	11.46	32.13	43.58	-10.42	54.00	Average
2	2390.024	11.21	32.22	43.43	-10.57	54.00	Average
3	* 2412.760	70.27	32.31	102.58	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

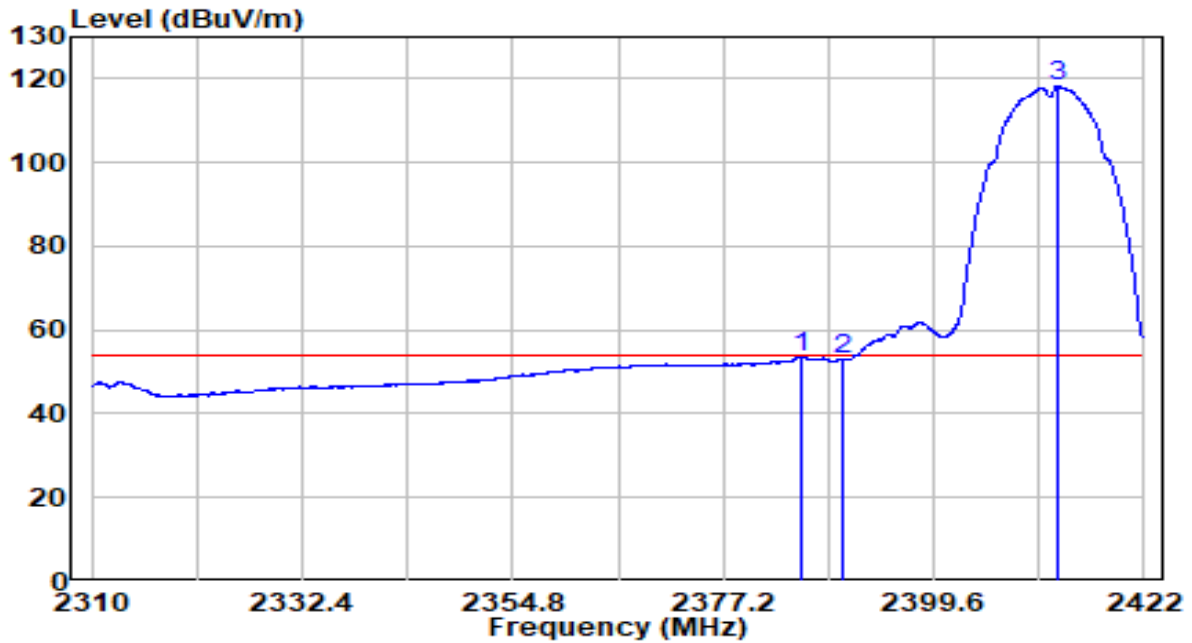


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.184	34.80	32.21	67.02	-6.98	74.00	Peak
2	2390.000	32.86	32.22	65.07	-8.93	74.00	Peak
3	* 2411.920	90.22	32.31	122.53	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

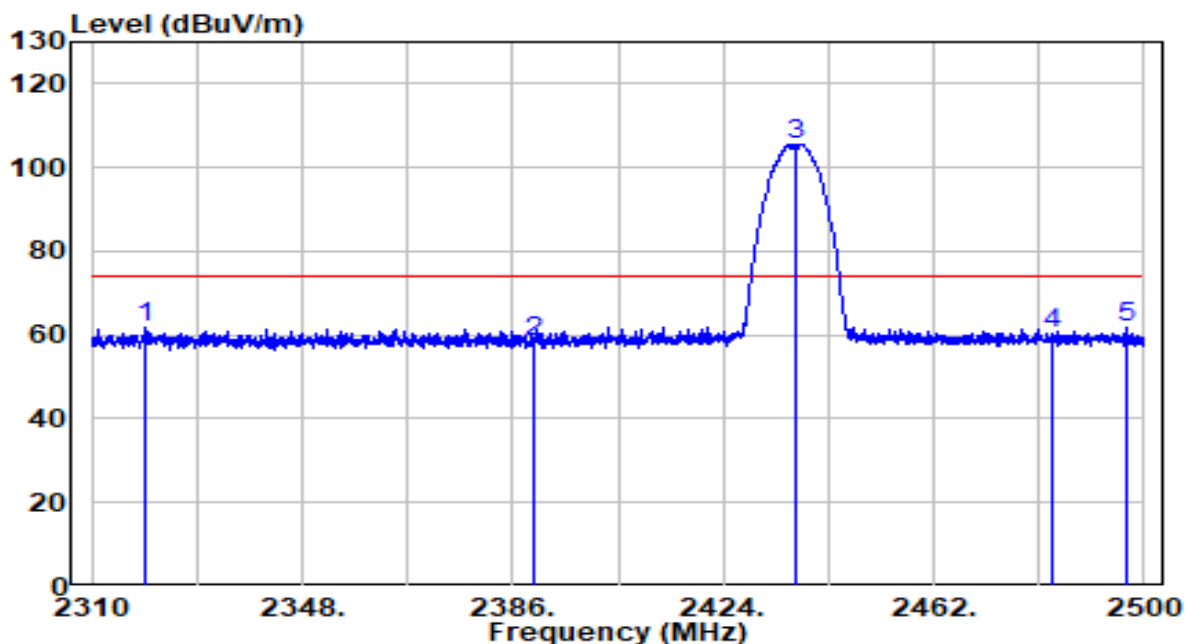


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.544	21.48	32.20	53.68	-0.32	54.00	Average
2	2390.000	20.73	32.22	52.95	-1.05	54.00	Average
3	* 2412.816	85.83	32.31	118.14	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

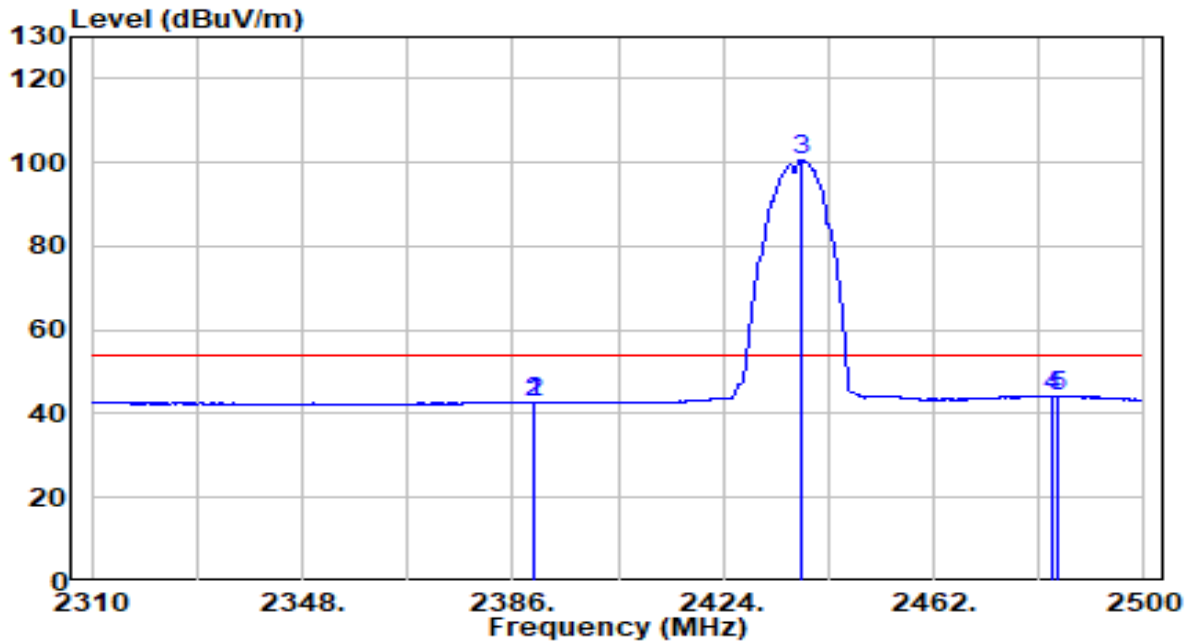


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2319.880	29.77	31.92	61.69	-12.31	74.00	Peak
2	2390.000	26.13	32.22	58.35	-15.65	74.00	Peak
3	* 2437.015	73.25	32.42	105.66	N/A	N/A	Peak
4	2483.470	27.81	32.61	60.42	-13.58	74.00	Peak
5	2496.960	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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

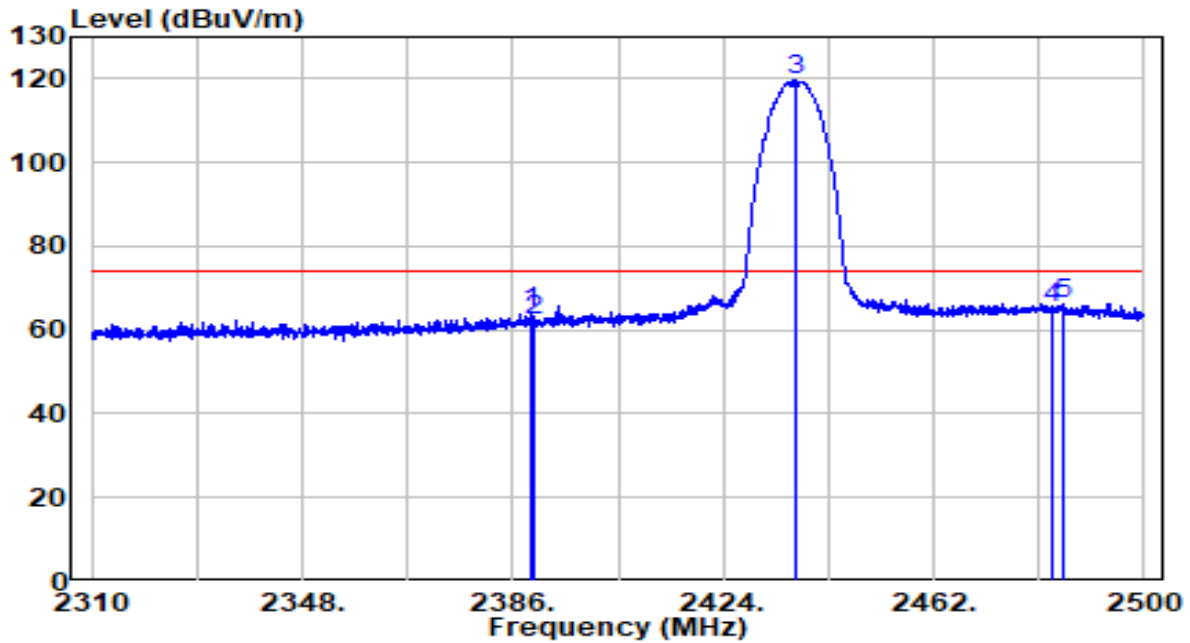


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.990	10.65	32.22	42.87	-11.13	54.00	Average
2	2390.000	10.65	32.22	42.87	-11.13	54.00	Average
3	* 2438.060	68.34	32.42	100.76	N/A	N/A	Average
4	2483.500	11.58	32.61	44.20	-9.80	54.00	Average
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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

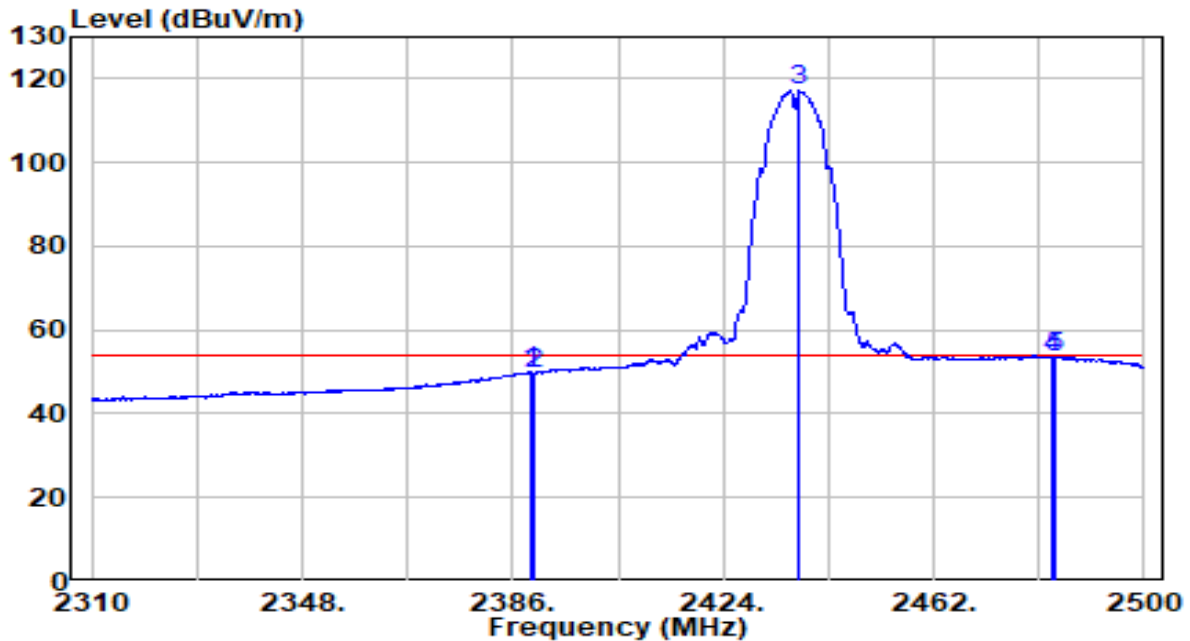


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.515	31.81	32.22	64.02	-9.98	74.00	Peak
2	2390.000	30.13	32.22	62.35	-11.65	74.00	Peak
3	* 2437.015	87.13	32.42	119.55	N/A	N/A	Peak
4	2483.500	32.71	32.61	65.32	-8.68	74.00	Peak
5	2485.180	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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

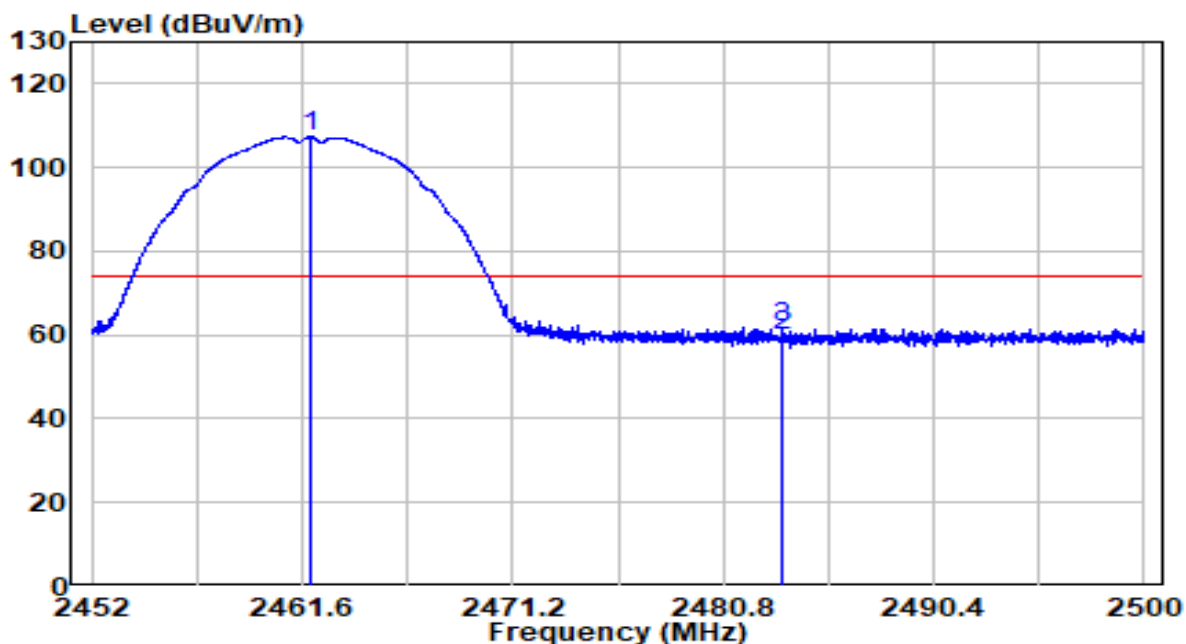


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.230	17.73	32.21	49.95	-4.05	54.00	Average
2	2390.000	17.48	32.22	49.70	-4.30	54.00	Average
3	* 2437.775	84.68	32.42	117.09	N/A	N/A	Average
4	2483.500	20.94	32.61	53.55	-0.45	54.00	Average
5	2483.850	20.98	32.61	53.60	-0.40	54.00	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

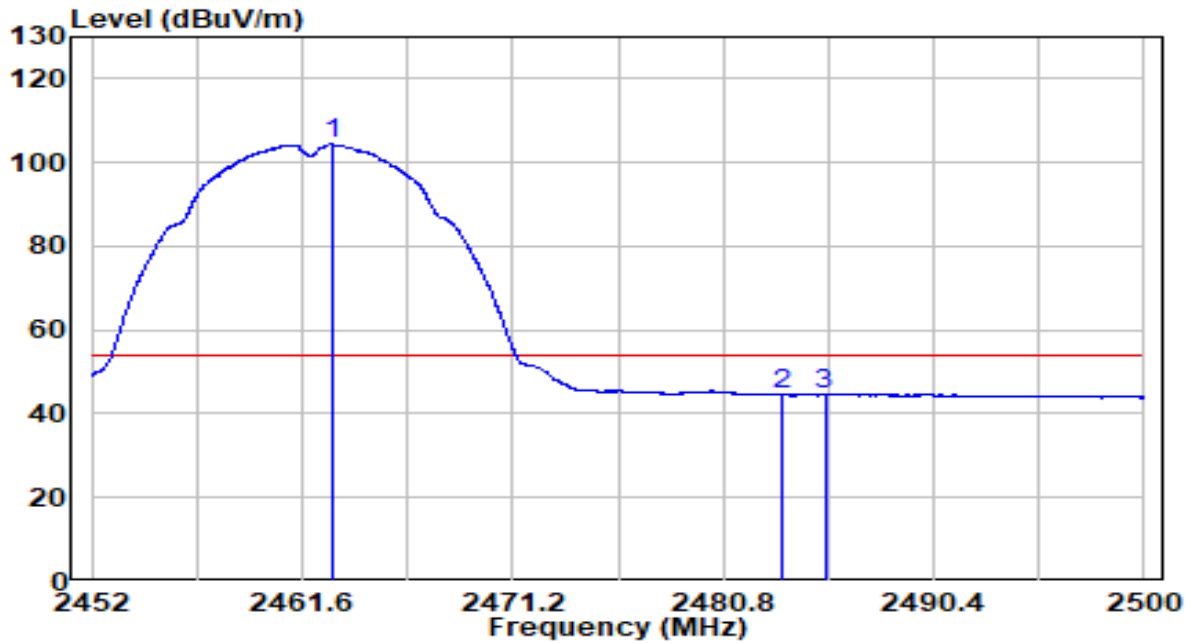


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.936	74.76	32.52	107.28	N/A	N/A	Peak
2		2483.500	27.12	32.61	59.73	-14.27	74.00	Peak
3		2483.512	29.21	32.61	61.82	-12.18	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

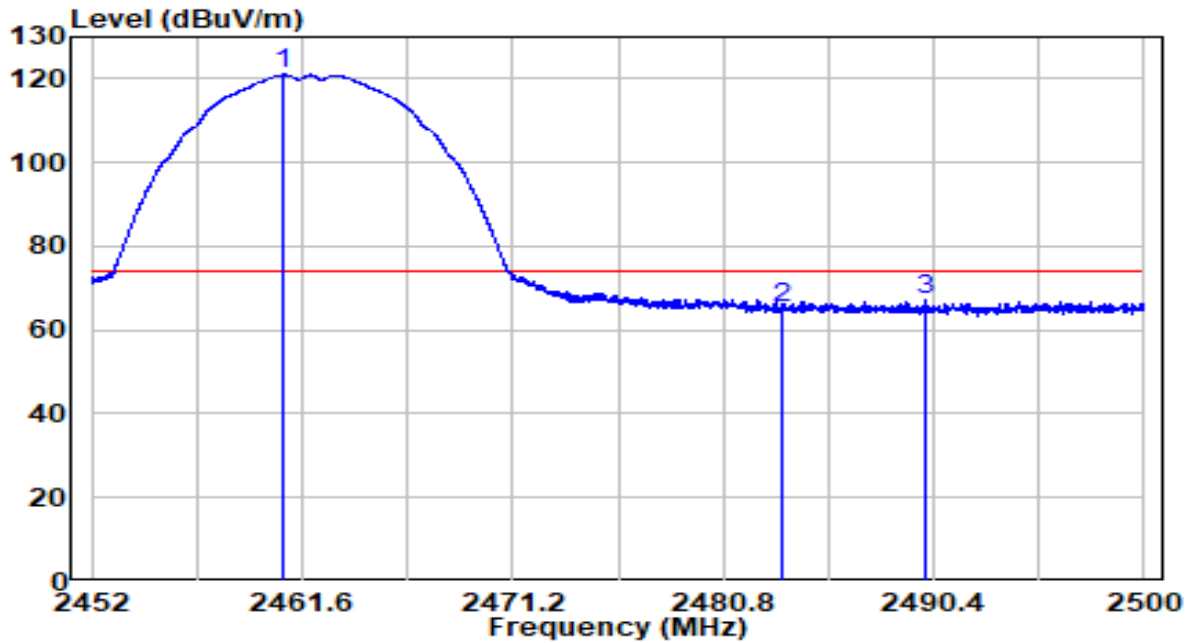


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.944	71.74	32.52	104.27	N/A	N/A	Average
2		2483.500	11.82	32.61	44.43	-9.57	54.00	Average
3		2485.432	12.02	32.62	44.64	-9.36	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

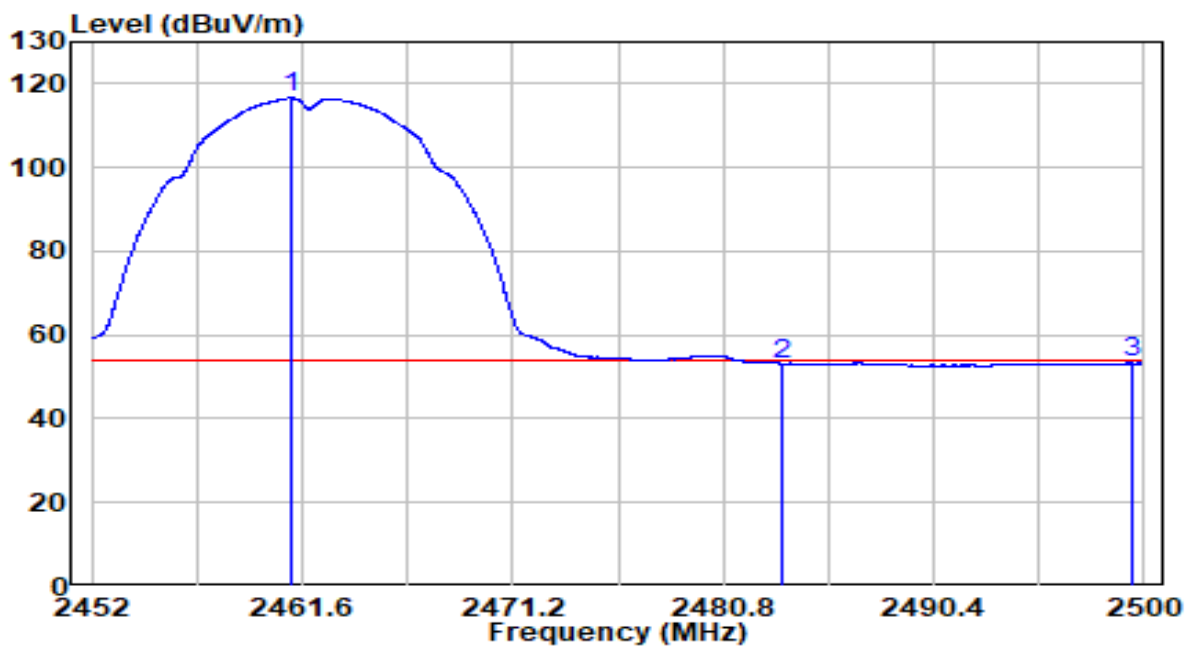


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.784	88.42	32.52	120.94	N/A	N/A	Peak
2		2483.488	32.77	32.61	65.39	-8.61	74.00	Peak
3		2490.064	34.48	32.64	67.12	-6.88	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

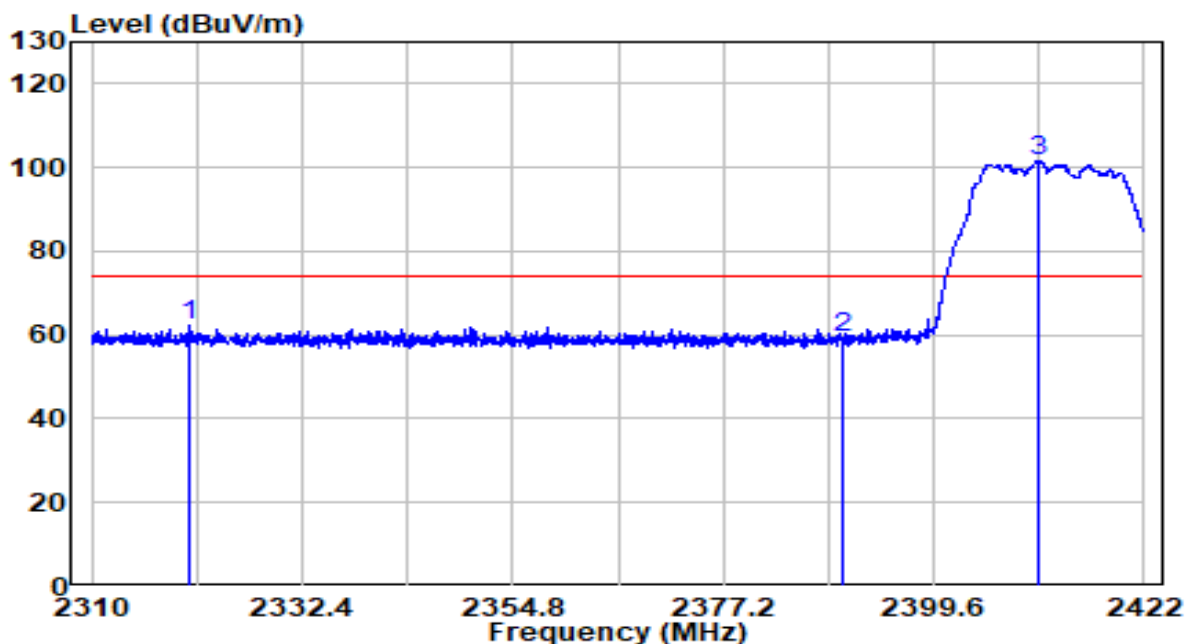


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.120	84.10	32.52	116.62	N/A	N/A	Average
2		2483.500	20.55	32.61	53.16	-0.84	54.00	Average
3		2499.448	20.69	32.68	53.37	-0.63	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

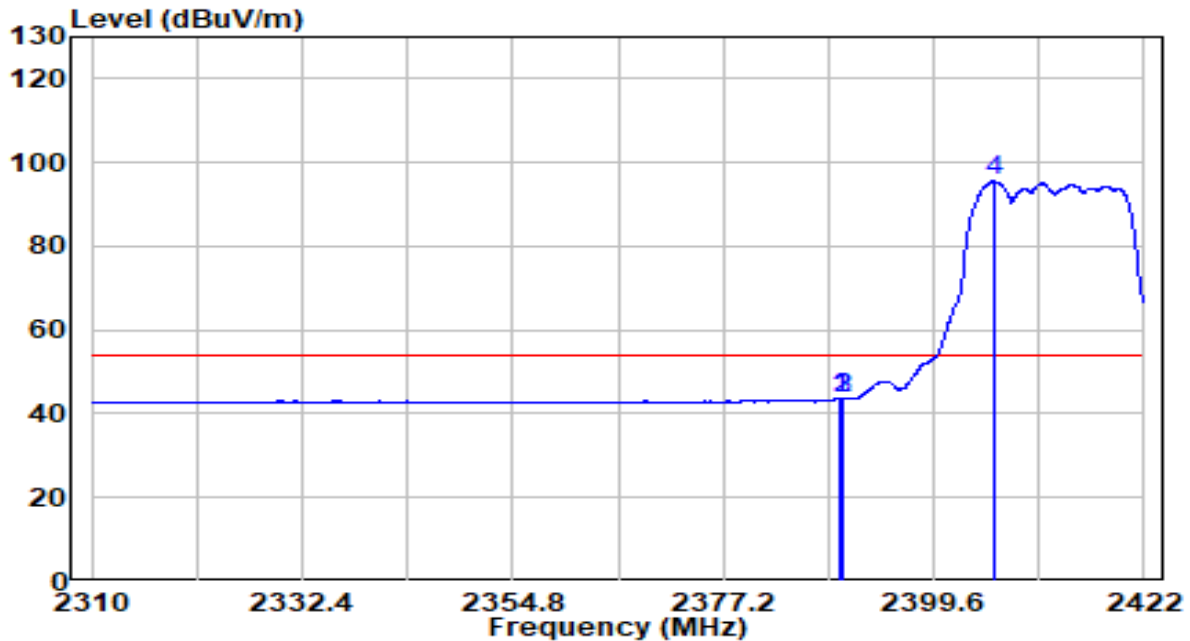


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2320.472	30.45	31.93	62.38	-11.62	74.00	Peak
2	2390.024	26.96	32.22	59.18	-14.82	74.00	Peak
3	* 2410.632	69.19	32.30	101.49	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

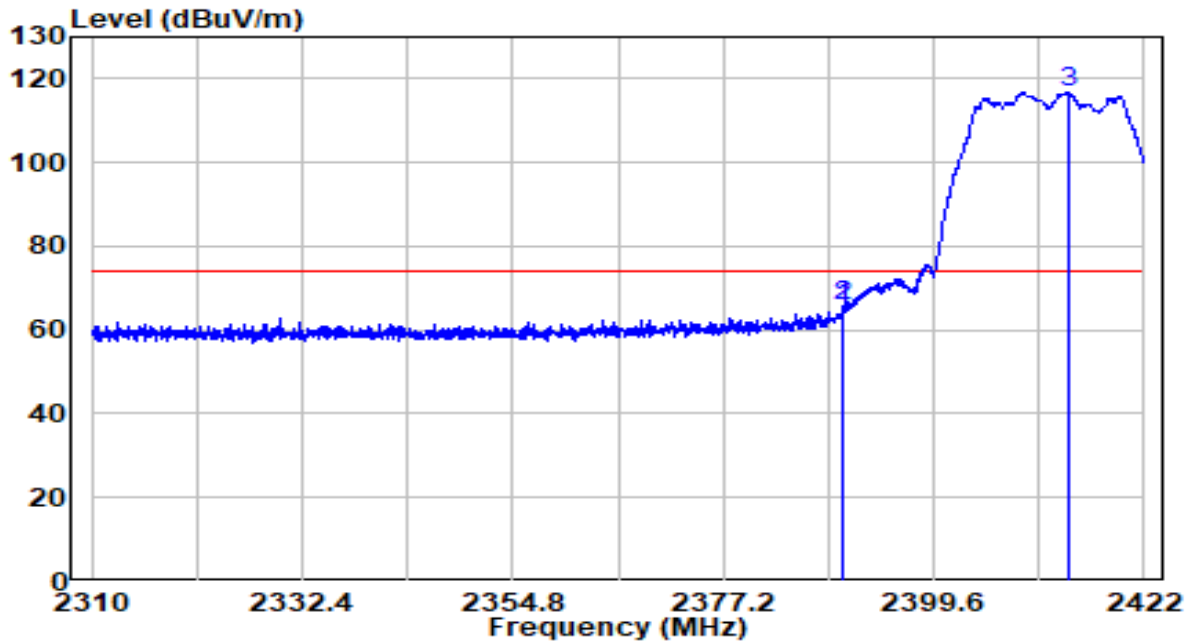


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.520	11.35	32.22	43.57	-10.43	54.00	Peak
2	2389.968	11.37	32.22	43.59	-10.41	54.00	Peak
3	2390.000	11.44	32.22	43.66	-10.34	54.00	Peak
4	* 2405.984	63.18	32.29	95.47	N/A	N/A	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

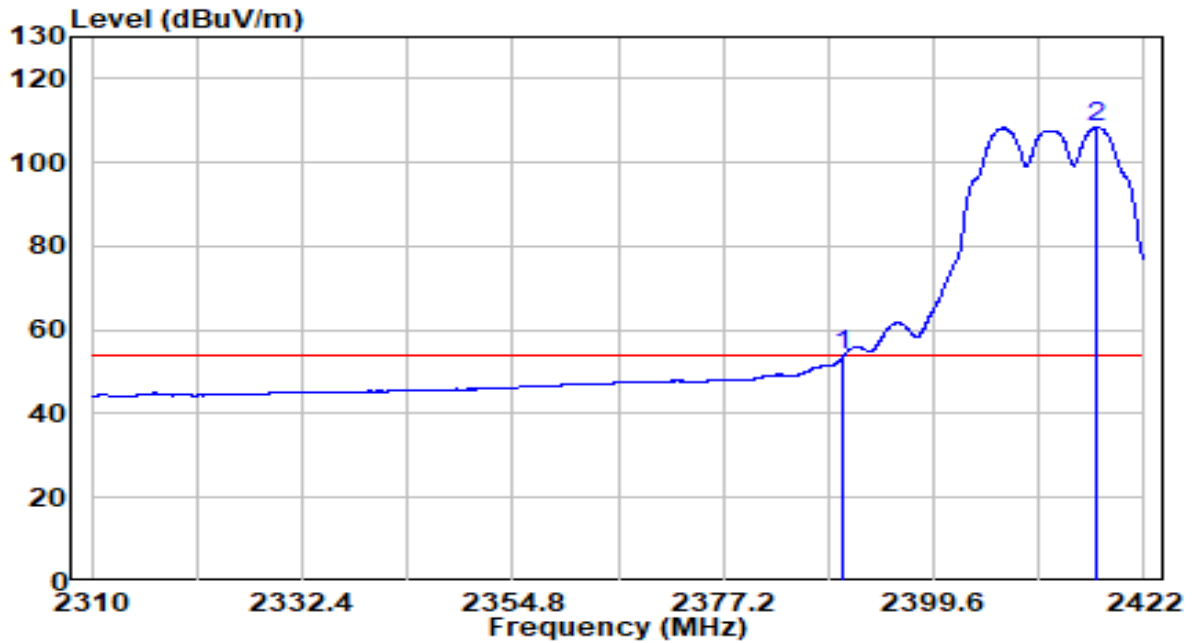


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.968	32.81	32.22	65.03	-8.97	74.00	Peak
2	2390.024	33.36	32.22	65.58	-8.42	74.00	Peak
3	* 2413.936	84.37	32.32	116.69	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

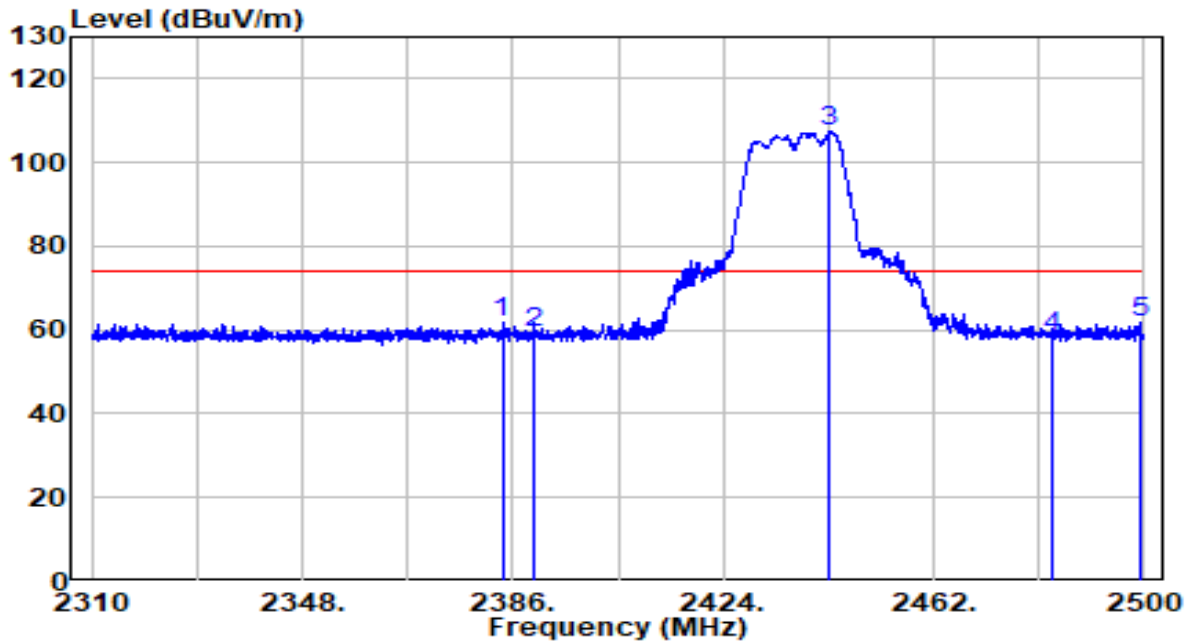


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	21.65	32.22	53.87	-0.13	54.00	Peak
2	* 2416.960	75.99	32.33	108.32	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

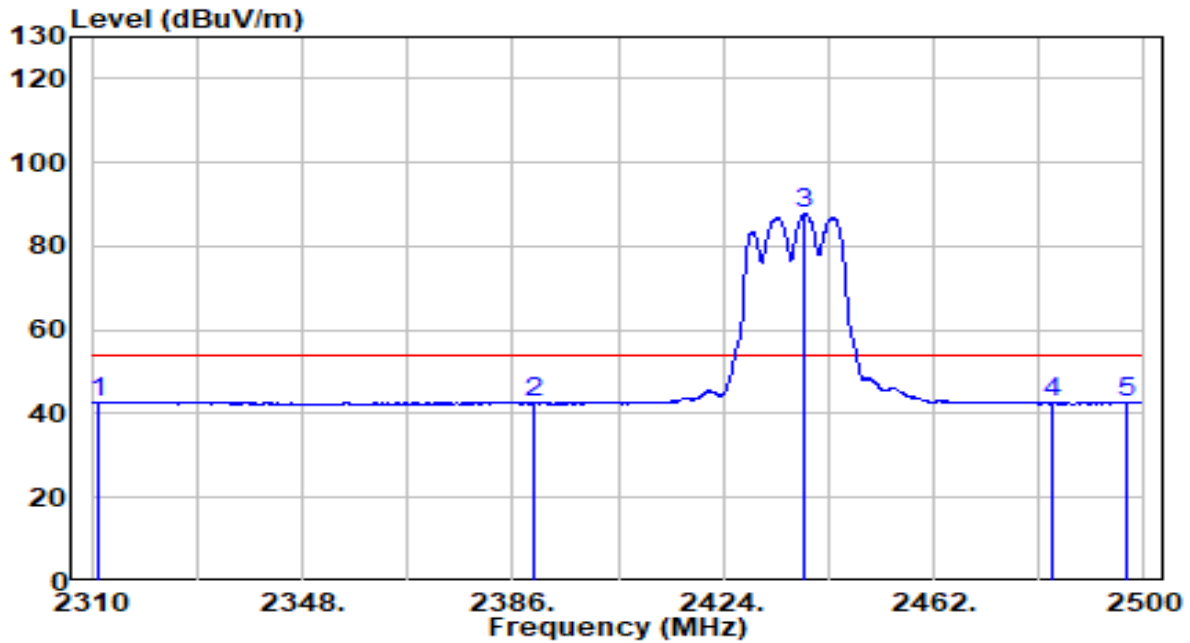


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2384.100	29.51	32.19	61.70	-12.30	74.00	Peak
2	2389.990	27.27	32.22	59.49	-14.51	74.00	Peak
3	* 2443.285	74.81	32.44	107.25	N/A	N/A	Peak
4	2483.500	25.87	32.61	58.48	-15.52	74.00	Peak
5	2499.335	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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

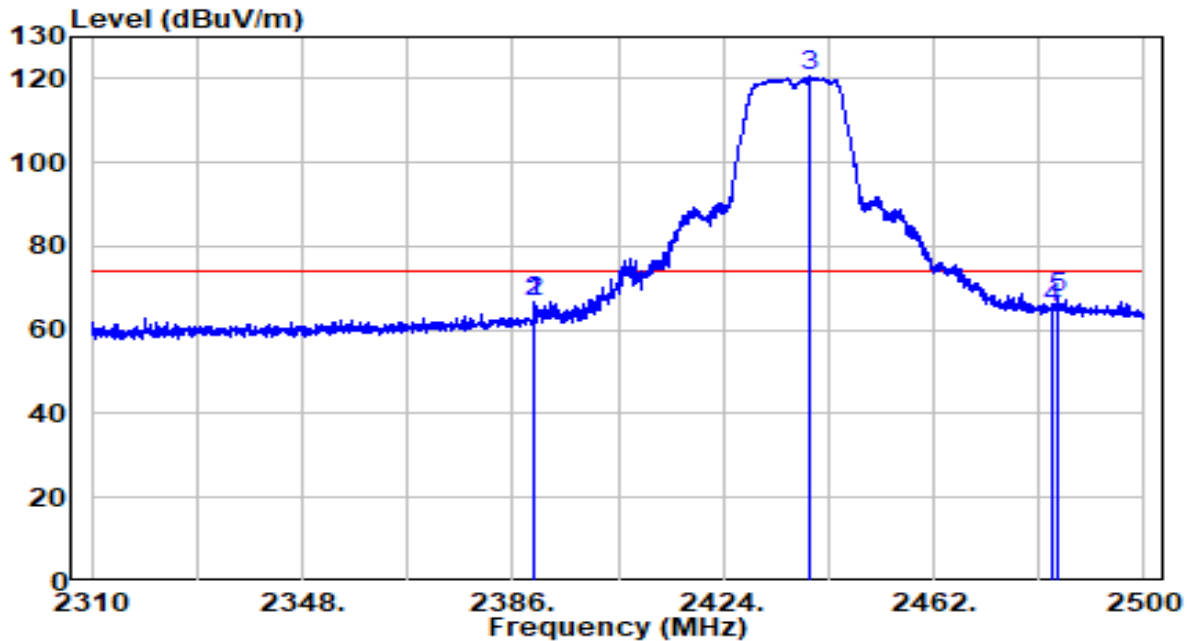


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2311.425	10.88	31.89	42.77	-11.23	54.00	Average
2	2389.990	10.24	32.22	42.46	-11.54	54.00	Average
3	* 2438.725	55.25	32.42	87.68	N/A	N/A	Average
4	2483.500	9.86	32.61	42.47	-11.53	54.00	Average
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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

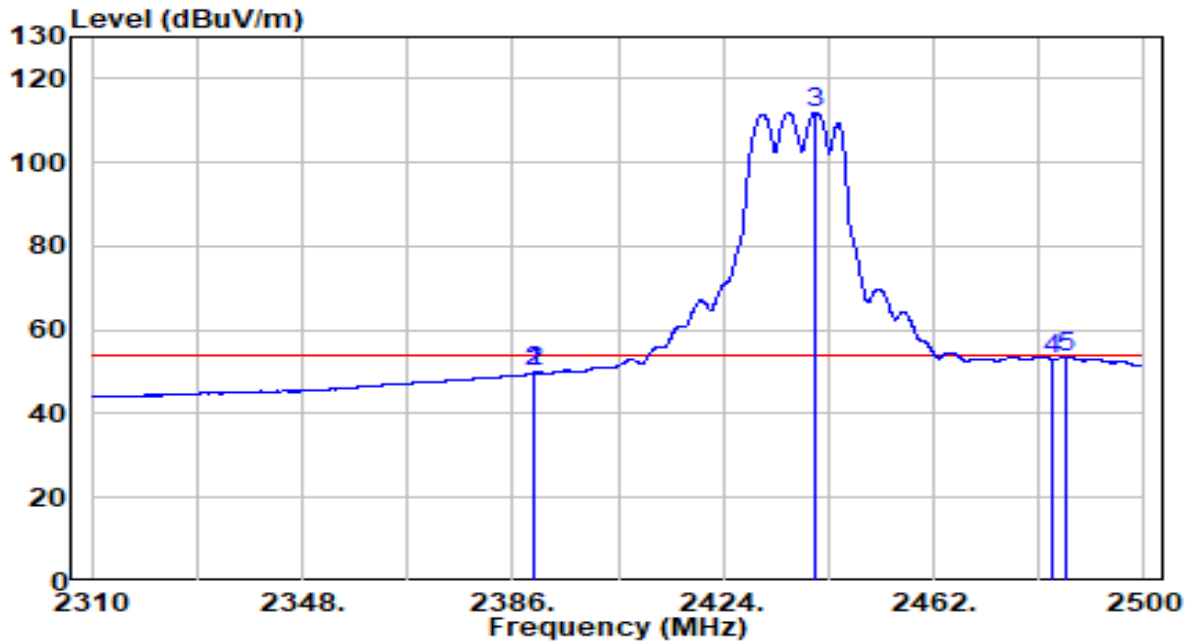


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.990	34.44	32.22	66.66	-7.34	74.00	Peak
2	2390.000	34.44	32.22	66.66	-7.34	74.00	Peak
3	* 2439.390	88.04	32.43	120.46	N/A	N/A	Peak
4	2483.470	32.76	32.61	65.37	-8.63	74.00	Peak
5	2484.515	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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

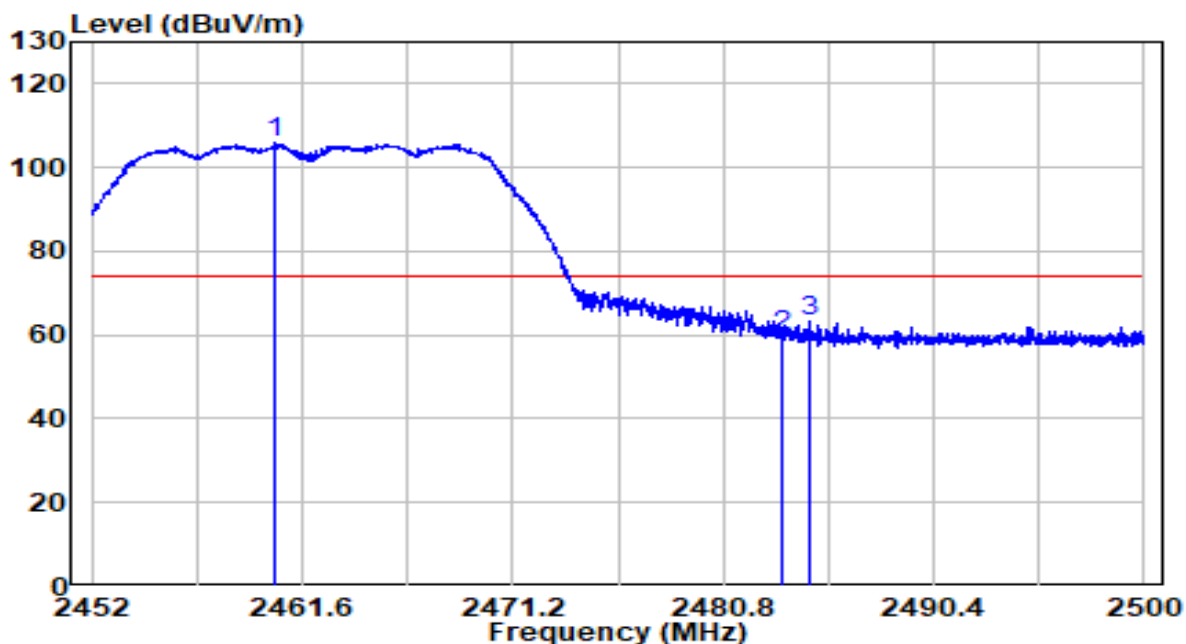


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.990	17.65	32.22	49.87	-4.13	54.00	Average
2	2390.000	17.65	32.22	49.87	-4.13	54.00	Average
3	* 2440.720	79.53	32.43	111.97	N/A	N/A	Average
4	2483.500	20.54	32.61	53.15	-0.85	54.00	Average
5	2485.845	20.99	32.62	53.61	-0.39	54.00	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

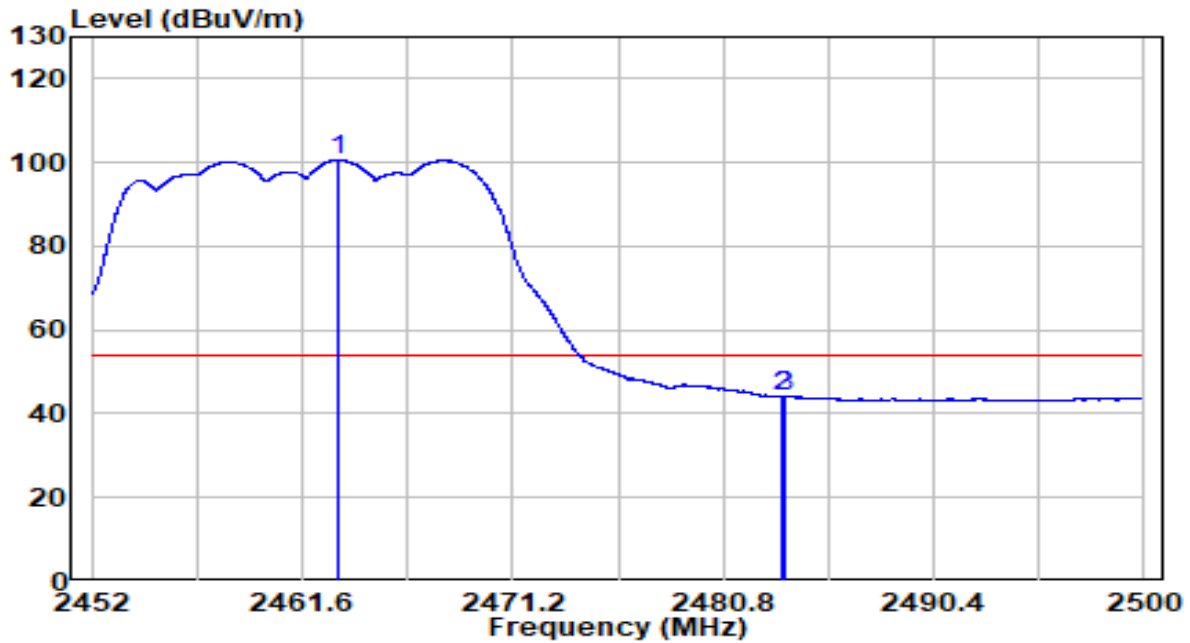


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.352	73.24	32.51	105.76	N/A	N/A	Peak
2		2483.488	27.10	32.61	59.72	-14.28	74.00	Peak
3		2484.736	30.91	32.62	63.53	-10.47	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

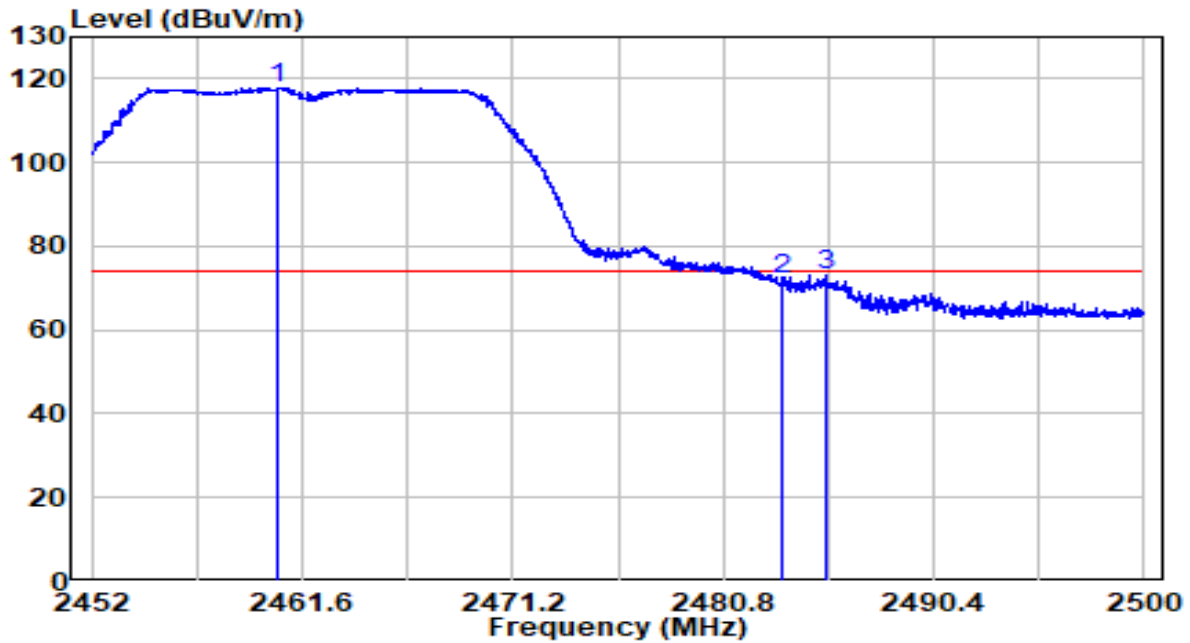


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2463.280	68.08	32.53	100.61	N/A	N/A	Average
2		2483.500	11.46	32.61	44.07	-9.93	54.00	Average
3		2483.632	11.51	32.61	44.13	-9.87	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

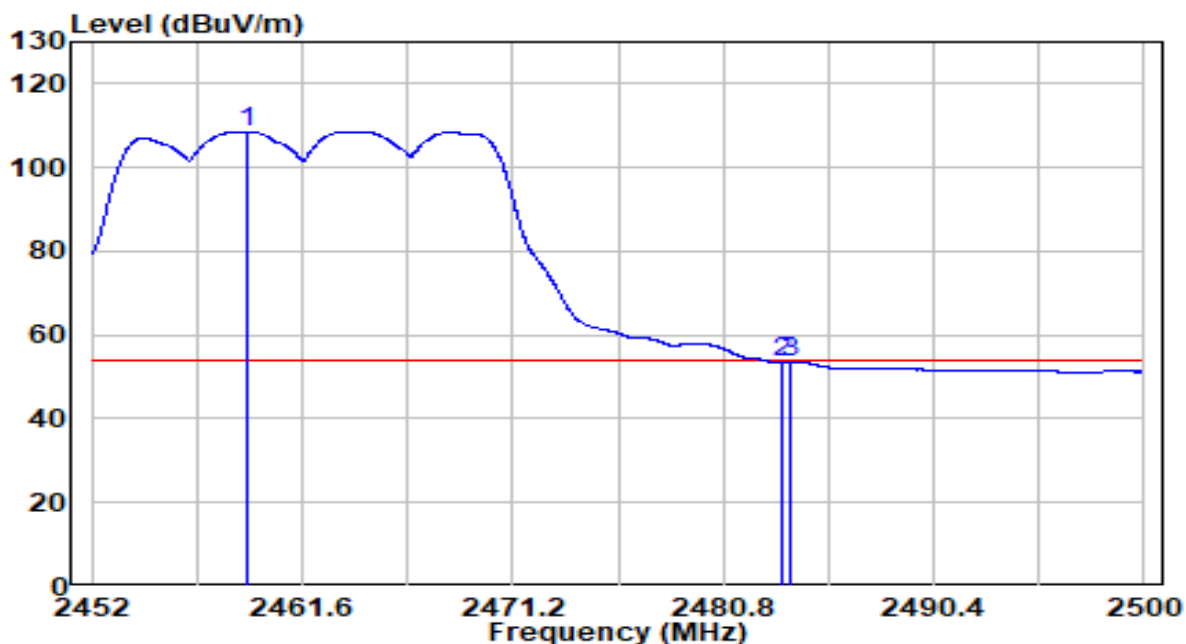


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.496	85.17	32.51	117.68	N/A	N/A	Peak
2		2483.488	39.44	32.61	72.05	-1.95	74.00	Peak
3		2485.528	40.33	32.62	72.95	-1.05	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

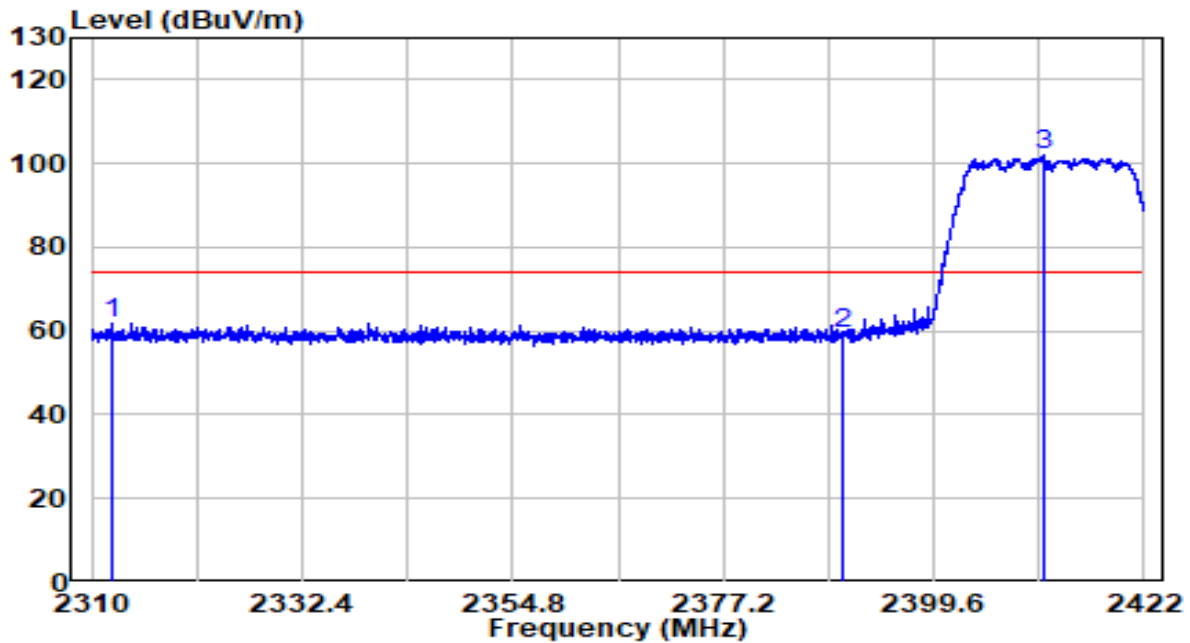


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.056	76.11	32.51	108.61	N/A	N/A	Average
2		2483.500	21.06	32.61	53.67	-0.33	54.00	Average
3		2483.920	21.10	32.61	53.72	-0.28	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

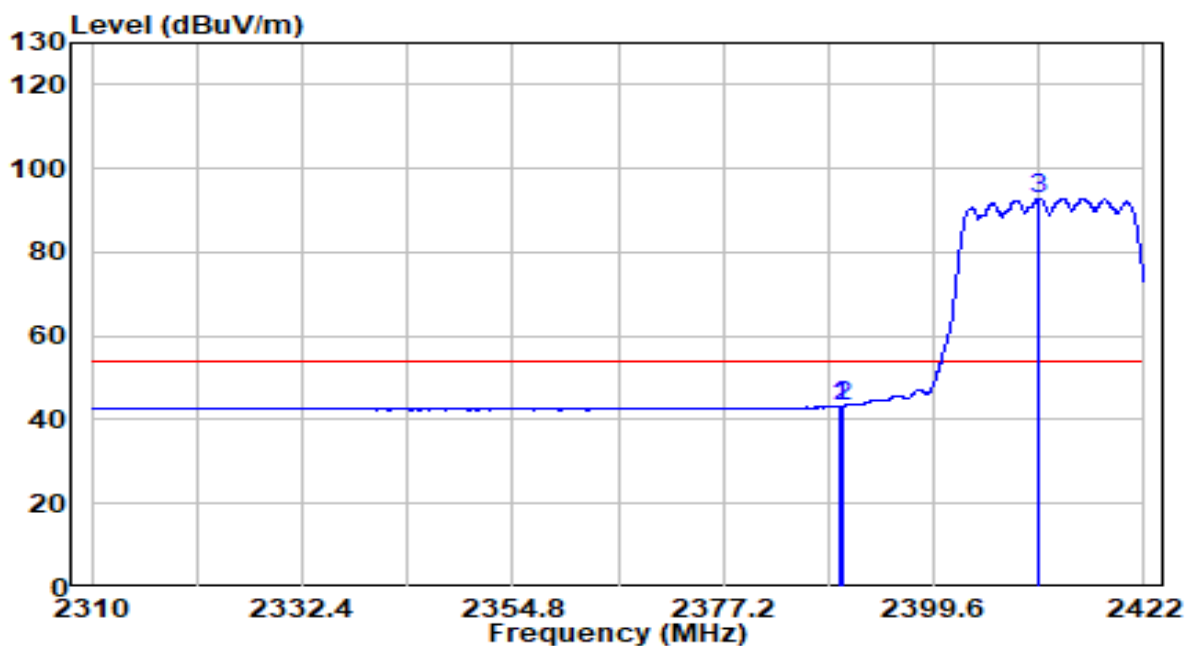


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2312.184	29.80	31.89	61.70	-12.30	74.00	Peak
2	2390.024	26.90	32.22	59.12	-14.88	74.00	Peak
3	* 2411.248	69.58	32.31	101.89	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

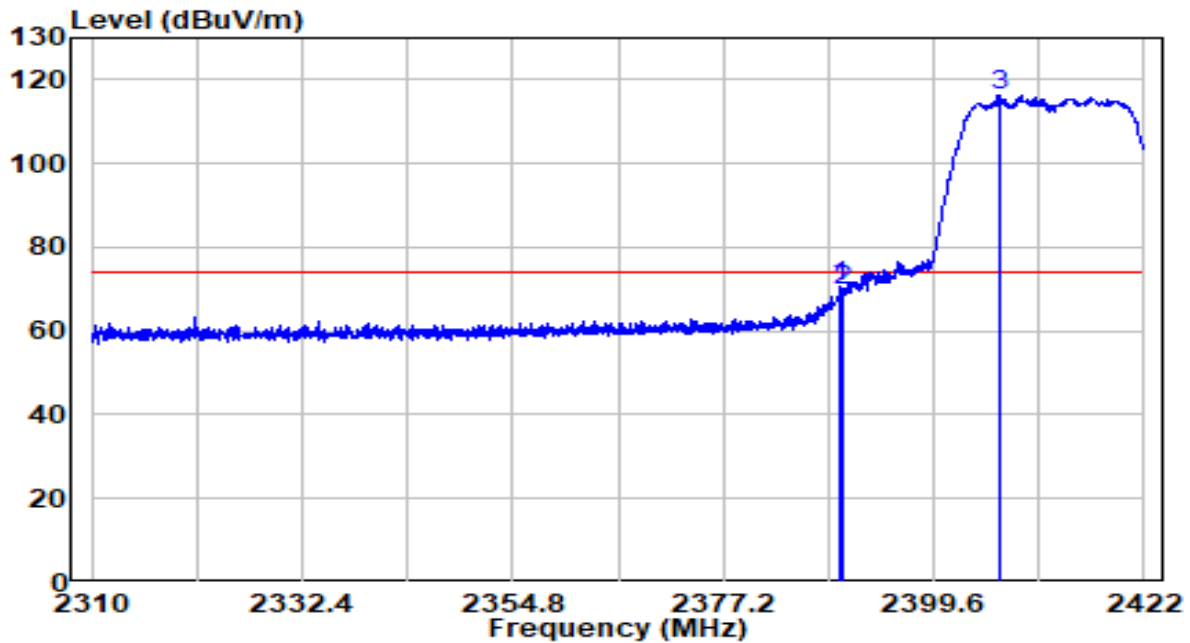


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.632	11.17	32.22	43.38	-10.62	54.00	Average
2	2390.024	11.10	32.22	43.32	-10.68	54.00	Average
3	* 2410.856	60.51	32.31	92.81	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

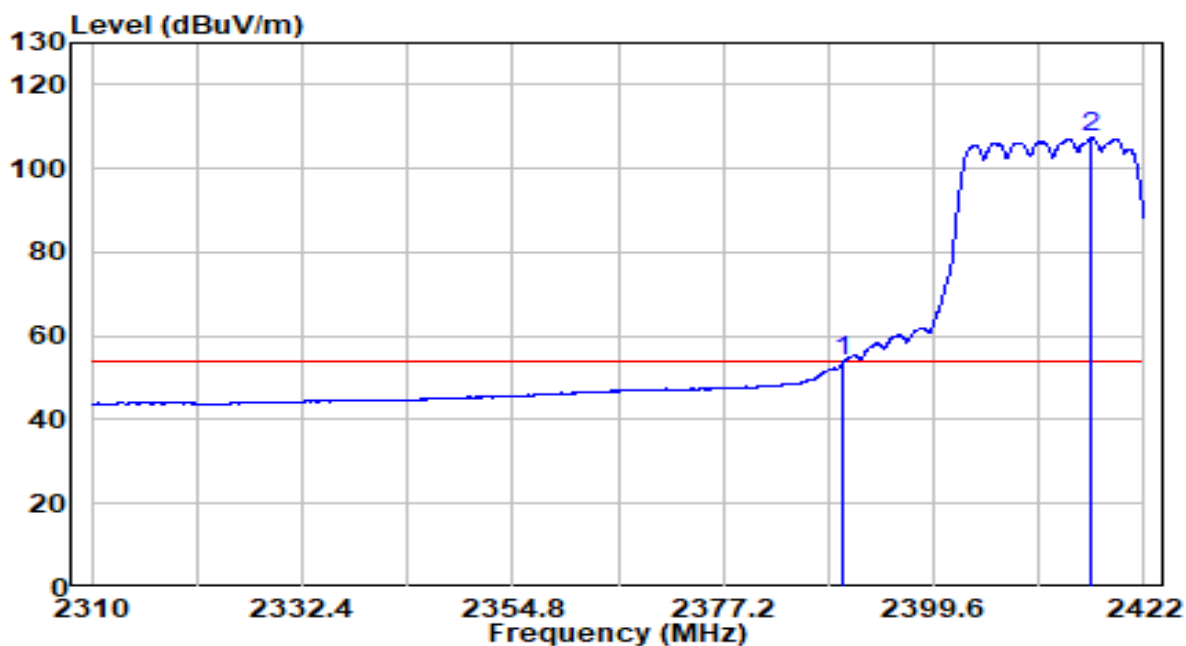


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.576	38.54	32.22	70.76	-3.24	74.00	Peak
2	2390.024	37.44	32.22	69.65	-4.35	74.00	Peak
3	* 2406.656	83.96	32.29	116.25	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

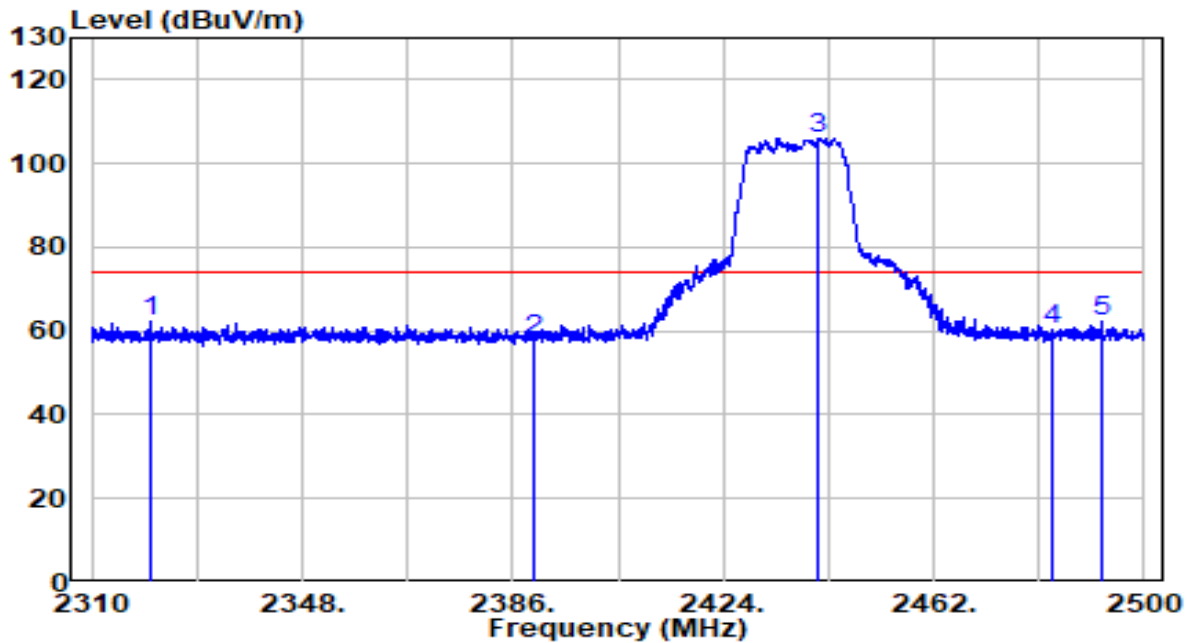


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.56	32.22	53.78	-0.22	54.00	Average
2	*	2416.400	74.89	32.33	107.22	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

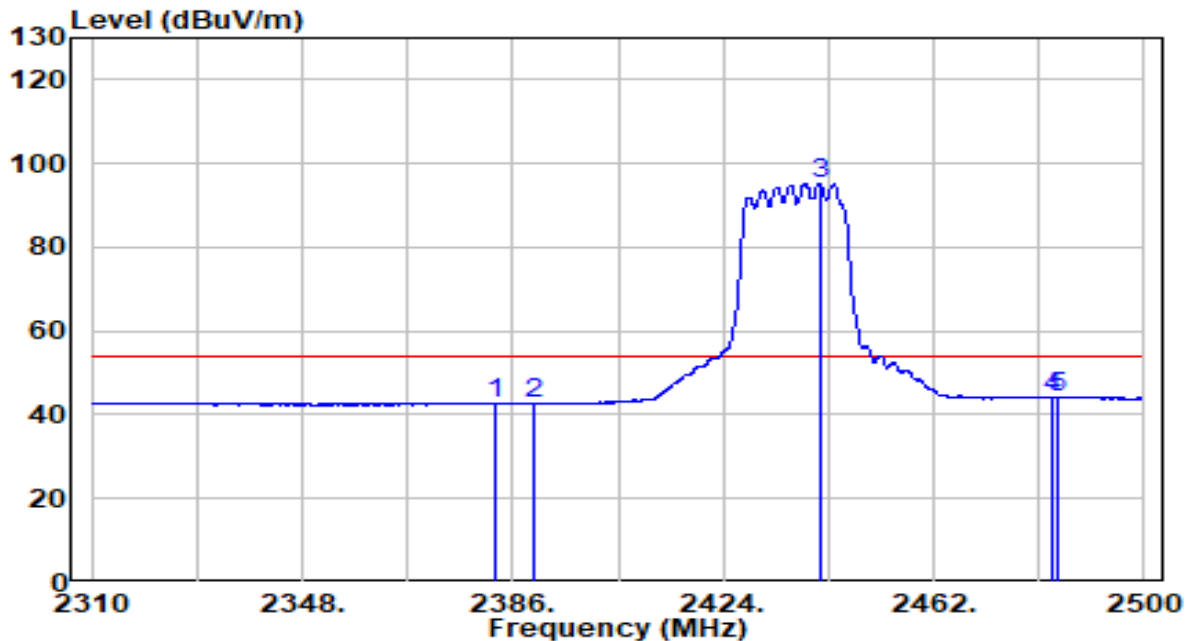


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2320.450	30.18	31.93	62.10	-11.90	74.00	Peak
2		2389.990	25.60	32.22	57.81	-16.19	74.00	Peak
3	*	2441.195	73.58	32.43	106.01	N/A	N/A	Peak
4		2483.500	27.78	32.61	60.39	-13.61	74.00	Peak
5		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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

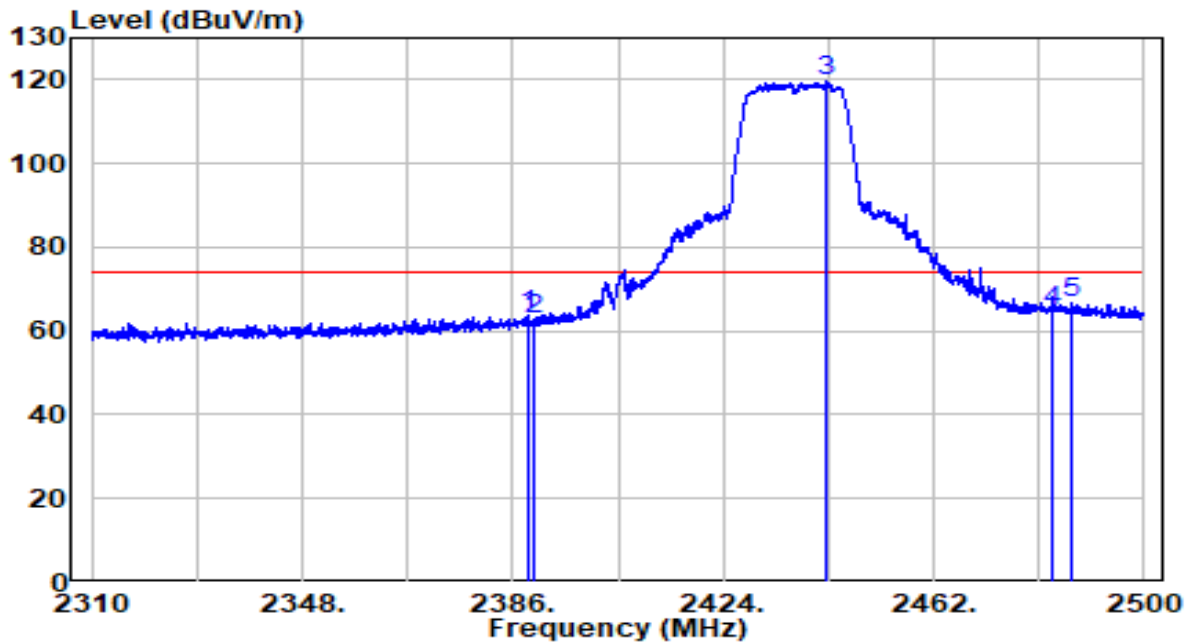


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2382.960	10.63	32.19	42.82	-11.18	54.00	Average
2		2389.990	10.51	32.22	42.73	-11.27	54.00	Average
3	*	2441.385	62.93	32.43	95.36	N/A	N/A	Average
4		2483.500	11.62	32.61	44.23	-9.77	54.00	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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

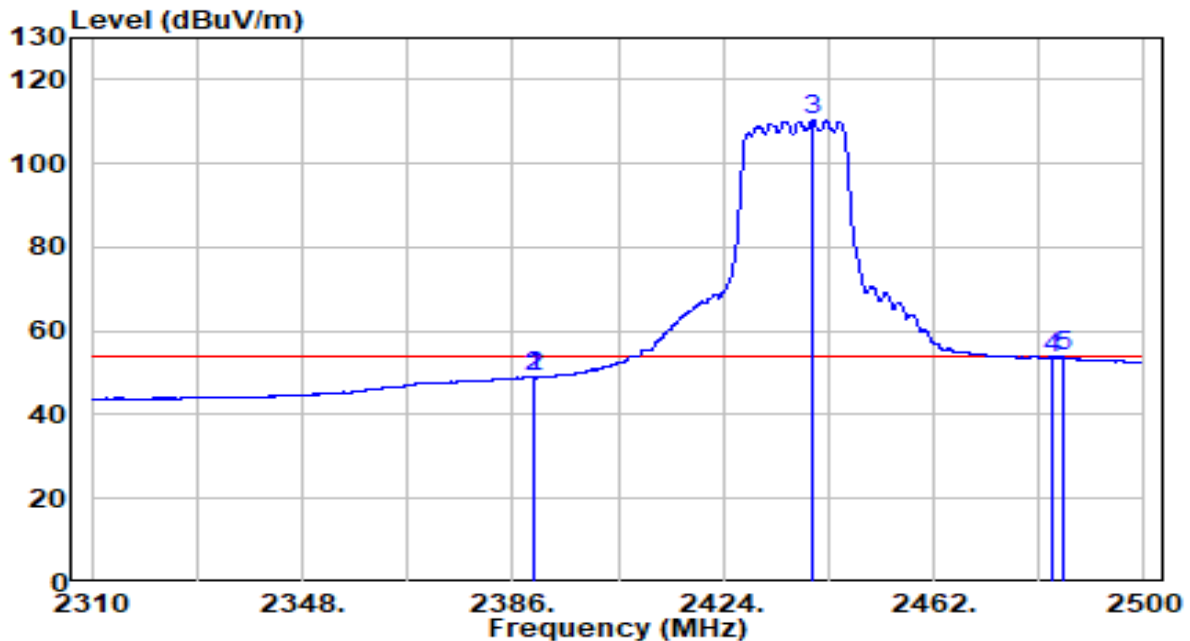


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.755	31.35	32.21	63.56	-10.44	74.00	Peak
2		2389.990	30.51	32.22	62.72	-11.28	74.00	Peak
3	*	2442.810	87.06	32.44	119.50	N/A	N/A	Peak
4		2483.500	32.38	32.61	64.99	-9.01	74.00	Peak
5		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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

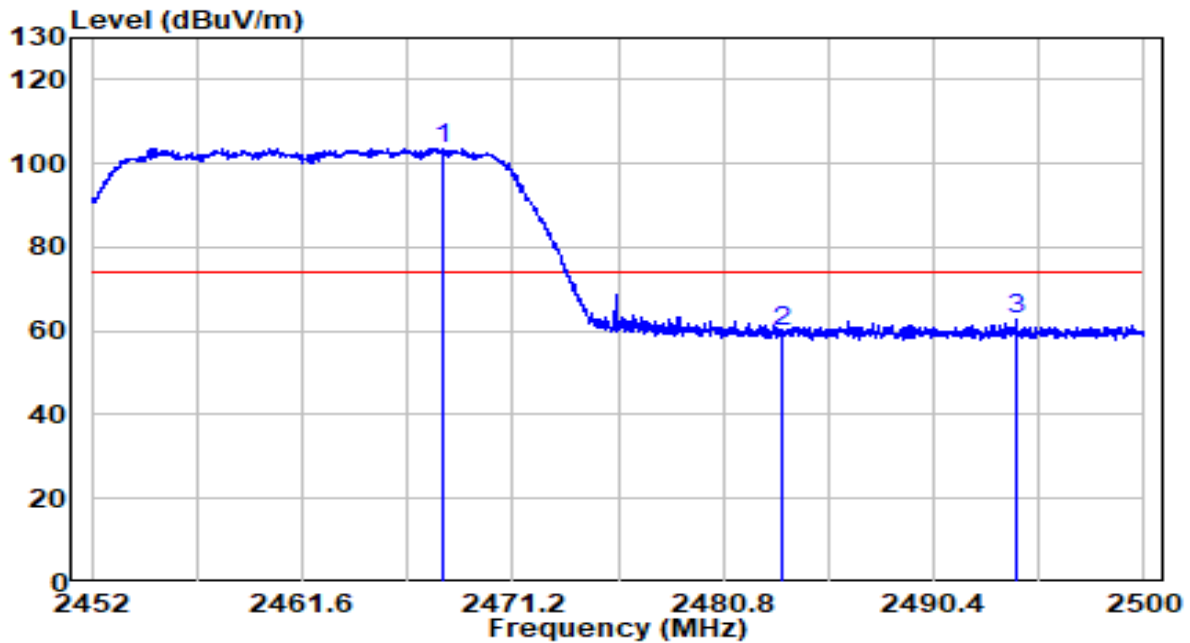


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.705	16.78	32.22	49.00	-5.00	54.00	Average
2		2390.000	16.67	32.22	48.88	-5.12	54.00	Average
3	*	2440.150	77.89	32.43	110.32	N/A	N/A	Average
4		2483.500	21.04	32.61	53.65	-0.35	54.00	Average
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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

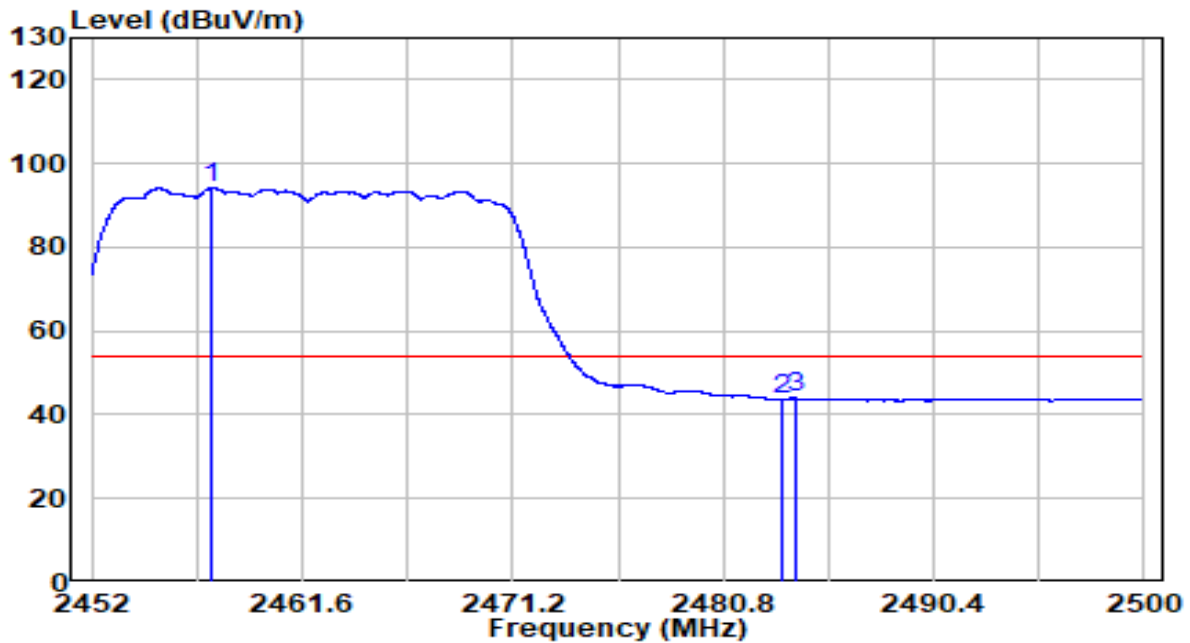


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.984	71.12	32.55	103.67	N/A	N/A	Peak
2		2483.488	27.25	32.61	59.86	-14.14	74.00	Peak
3		2494.120	30.03	32.66	62.68	-11.32	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

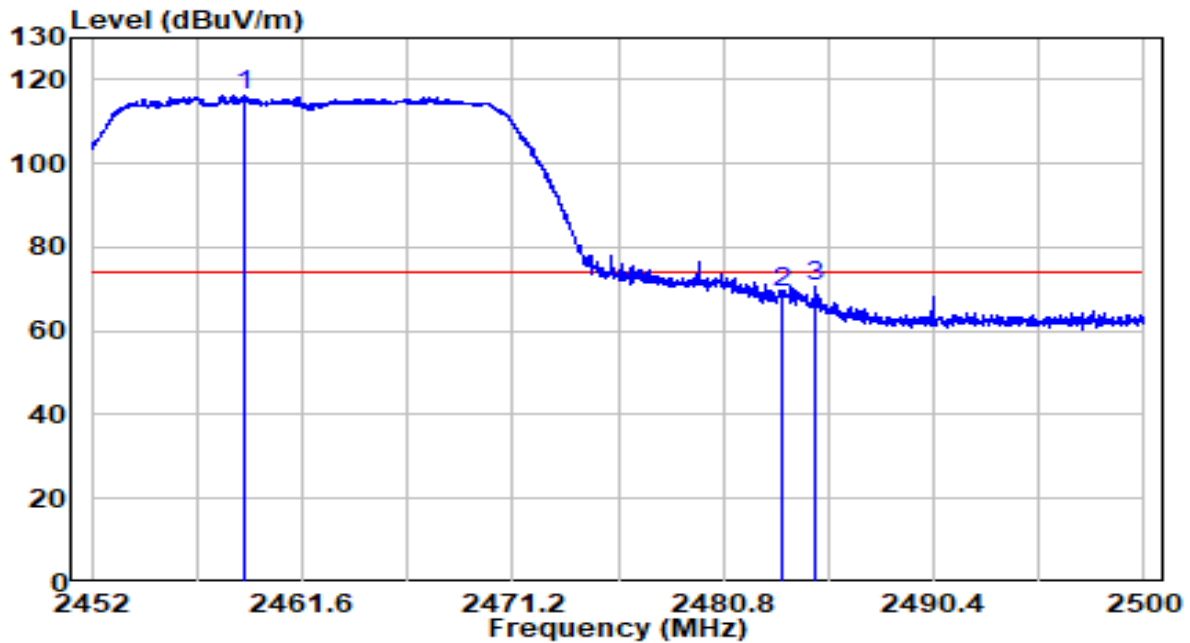


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.496	61.55	32.50	94.05	N/A	N/A	Average
2		2483.488	11.16	32.61	43.77	-10.23	54.00	Average
3		2484.112	11.38	32.61	43.99	-10.01	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

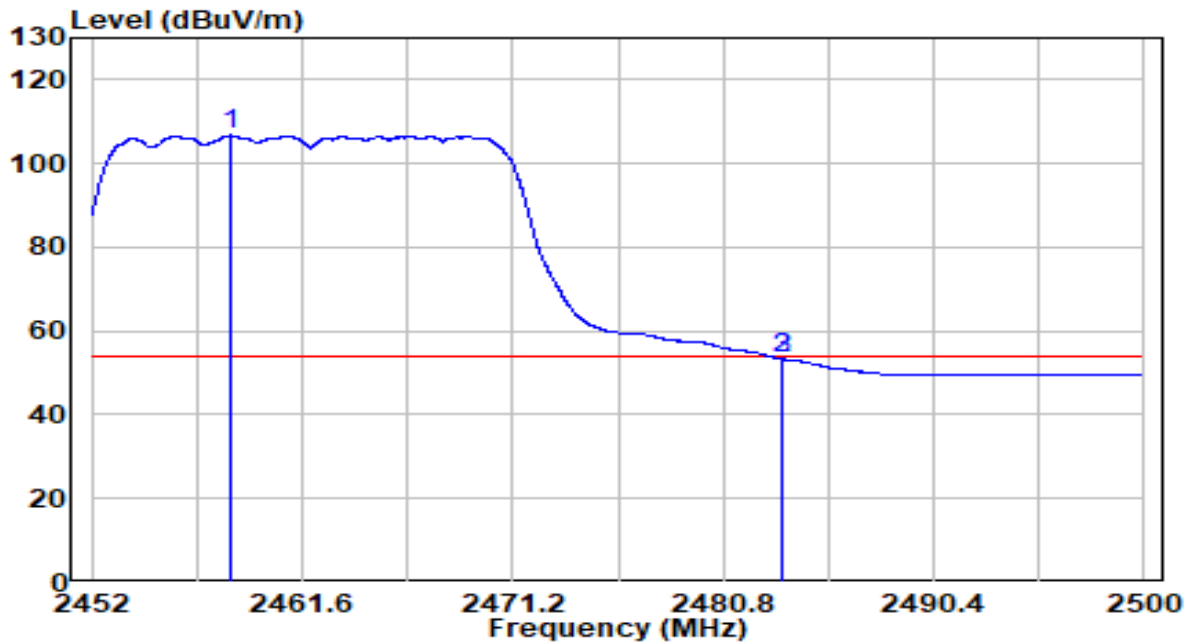


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.008	83.79	32.51	116.29	N/A	N/A	Peak
2		2483.488	36.69	32.61	69.30	-4.70	74.00	Peak
3		2485.048	38.12	32.62	70.73	-3.27	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

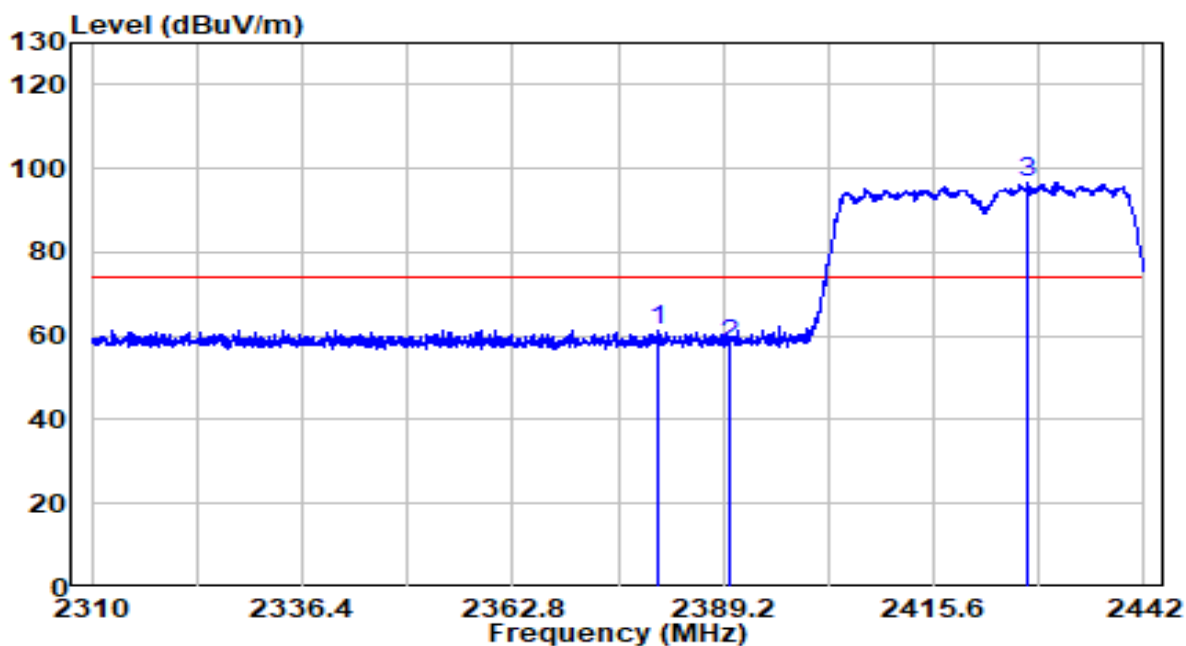


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.336	74.23	32.51	106.74	N/A	N/A	Average
2		2483.500	20.70	32.61	53.31	-0.69	54.00	Average
3		2483.512	20.70	32.61	53.31	-0.69	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

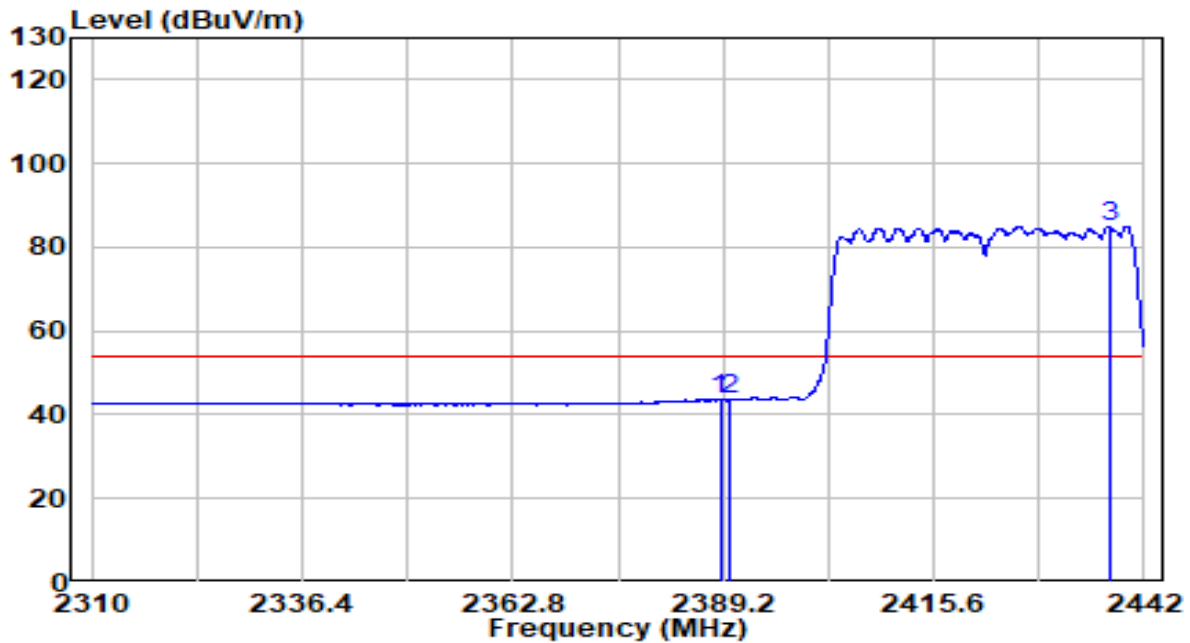


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2380.950	29.34	32.18	61.52	-12.48	74.00	Peak
2	2390.000	25.78	32.22	57.99	-16.01	74.00	Peak
3	* 2427.282	64.26	32.37	96.63	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

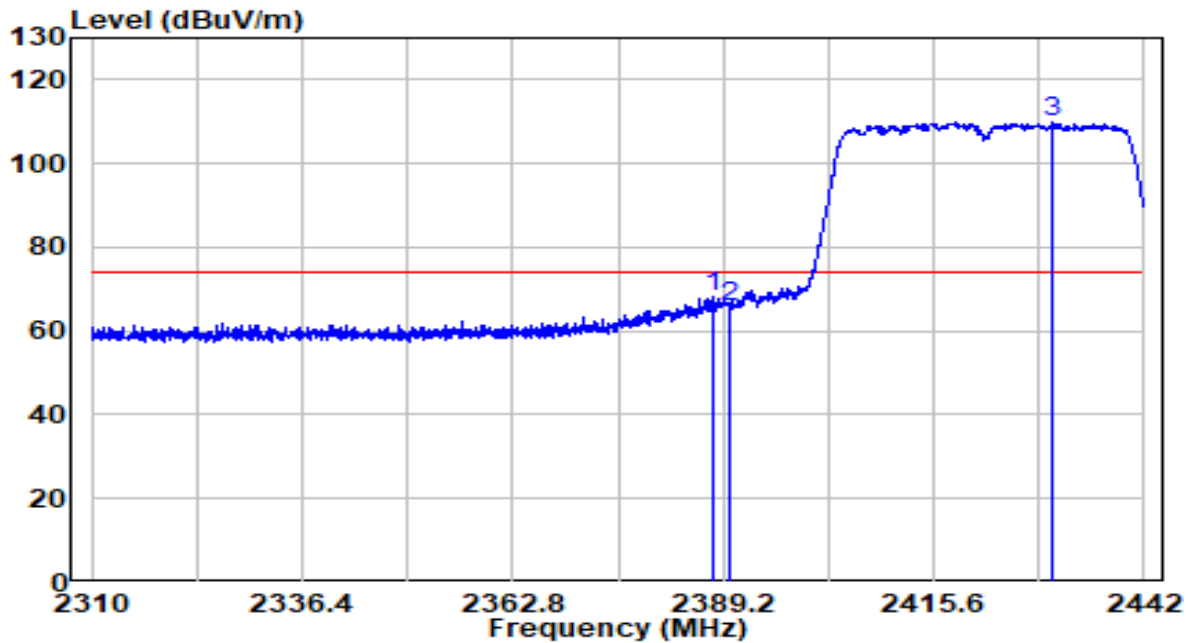


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.804	11.44	32.21	43.66	-10.34	54.00	Average
2	2389.992	11.31	32.22	43.53	-10.47	54.00	Average
3	* 2437.578	52.58	32.42	84.99	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 110V/60Hz

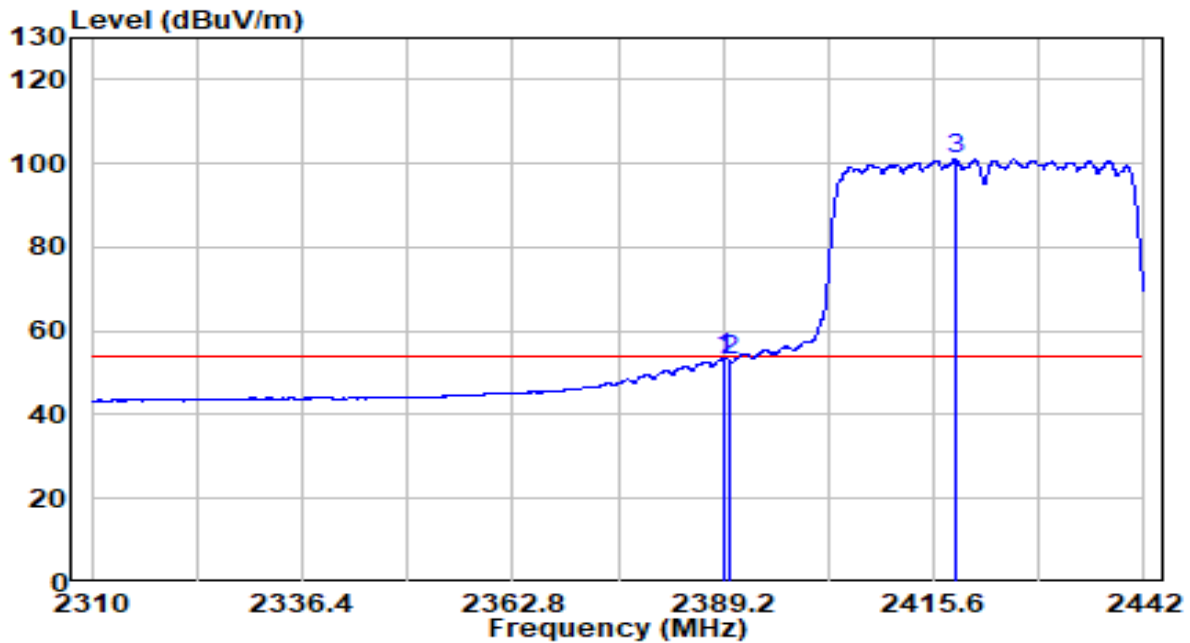


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2387.814	35.93	32.21	68.14	-5.86	74.00	Peak
2	2390.000	33.50	32.22	65.72	-8.28	74.00	Peak
3	* 2430.516	77.43	32.39	109.82	N/A	N/A	Peak

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 110V/60Hz

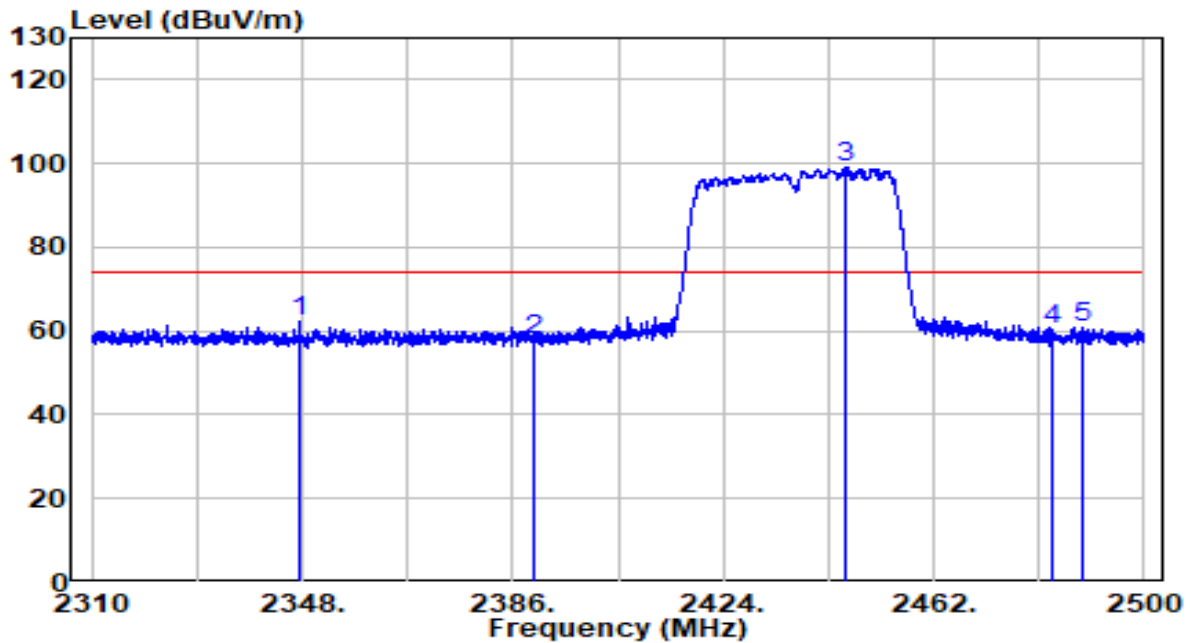


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.398	21.40	32.22	53.62	-0.38	54.00	Average
2	2390.000	20.78	32.22	53.00	-1.00	54.00	Average
3	* 2418.240	68.59	32.34	100.92	N/A	N/A	Average

Note:

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 三頻 Wi-Fi 6 路由器	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 2437MHz	Test Voltage	AC 110V/60Hz

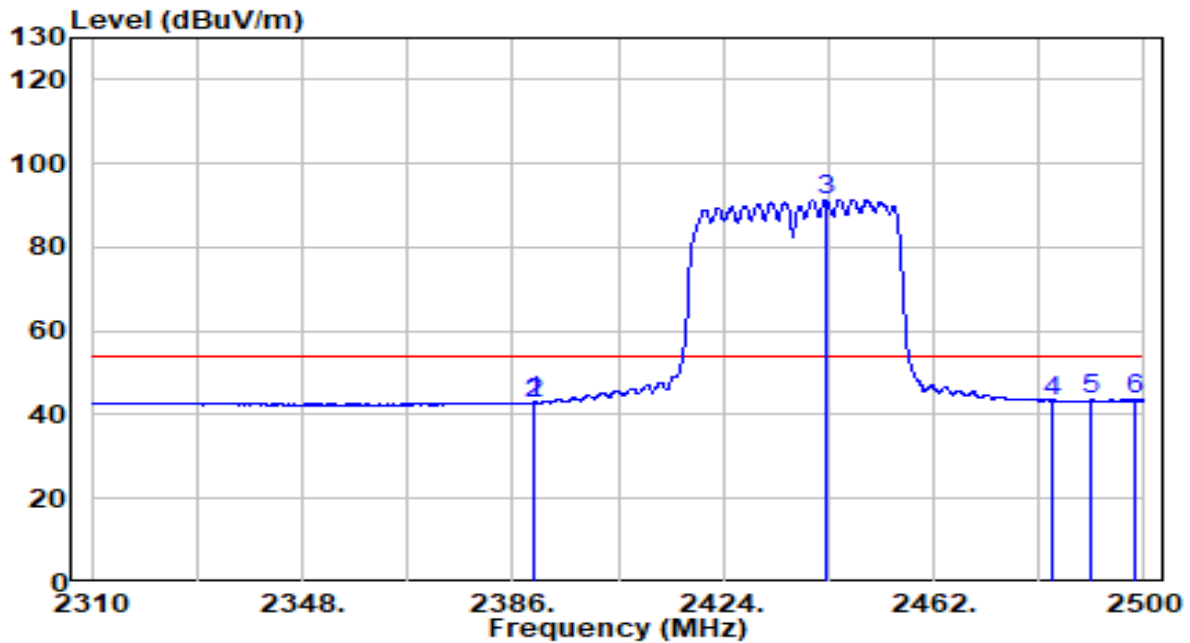


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2347.430	30.34	32.04	62.38	-11.62	74.00	Peak
2		2389.990	25.83	32.22	58.05	-15.95	74.00	Peak
3	*	2445.945	66.54	32.45	98.99	N/A	N/A	Peak
4		2483.500	27.83	32.61	60.44	-13.56	74.00	Peak
5		2488.980	28.26	32.63	60.89	-13.11	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 2437MHz	Test Voltage	AC 110V/60Hz

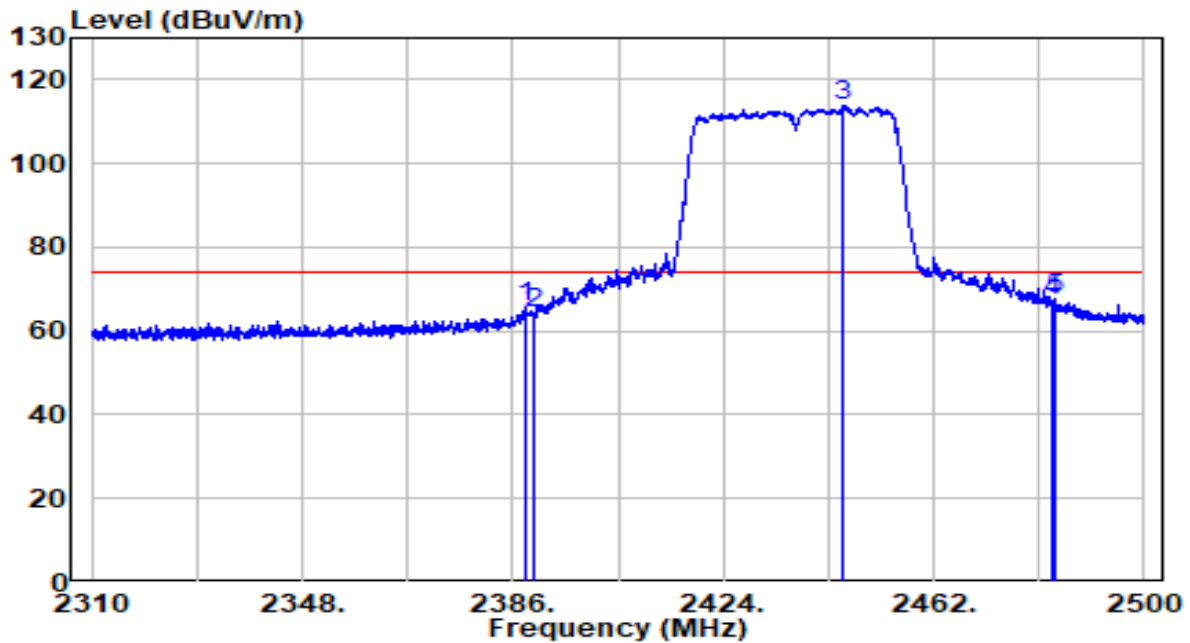


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.610	10.75	32.22	42.97	-11.03	54.00	Average
2	2389.990	10.68	32.22	42.89	-11.11	54.00	Average
3	* 2442.525	58.91	32.44	91.35	N/A	N/A	Average
4	2483.500	10.77	32.61	43.38	-10.62	54.00	Average
5	2490.215	10.81	32.64	43.45	-10.55	54.00	Average
6	2498.290	10.91	32.67	43.58	-10.42	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 三頻 Wi-Fi 6 路由器	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 2437MHz	Test Voltage	AC 110V/60Hz

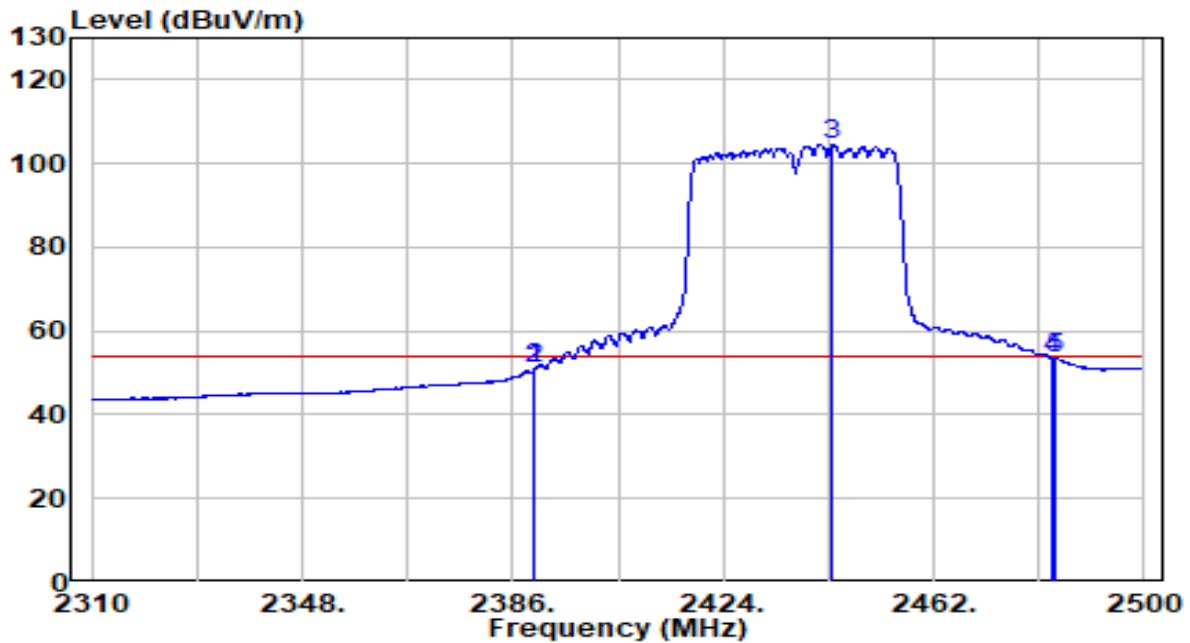


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.375	33.28	32.21	65.49	-8.51	74.00	Peak
2	2389.990	32.03	32.22	64.25	-9.75	74.00	Peak
3	* 2445.660	81.40	32.45	113.86	N/A	N/A	Peak
4	2483.500	34.71	32.61	67.33	-6.67	74.00	Peak
5	2483.850	35.31	32.61	67.92	-6.08	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 2437MHz	Test Voltage	AC 110V/60Hz

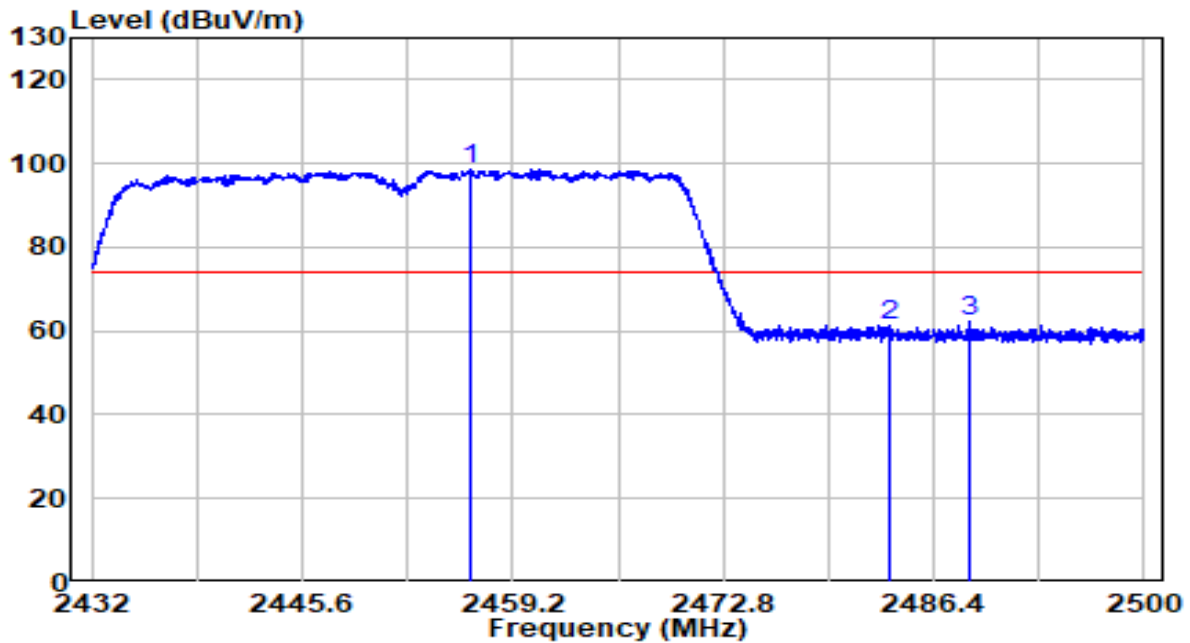


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	18.62	32.22	50.84	-3.16	54.00	Average
2		2390.000	18.62	32.22	50.84	-3.16	54.00	Average
3	*	2443.760	72.03	32.44	104.47	N/A	N/A	Average
4		2483.500	20.84	32.61	53.45	-0.55	54.00	Average
5		2483.945	20.93	32.61	53.54	-0.46	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 三頻 Wi-Fi 6 路由器	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 2452MHz	Test Voltage	AC 110V/60Hz

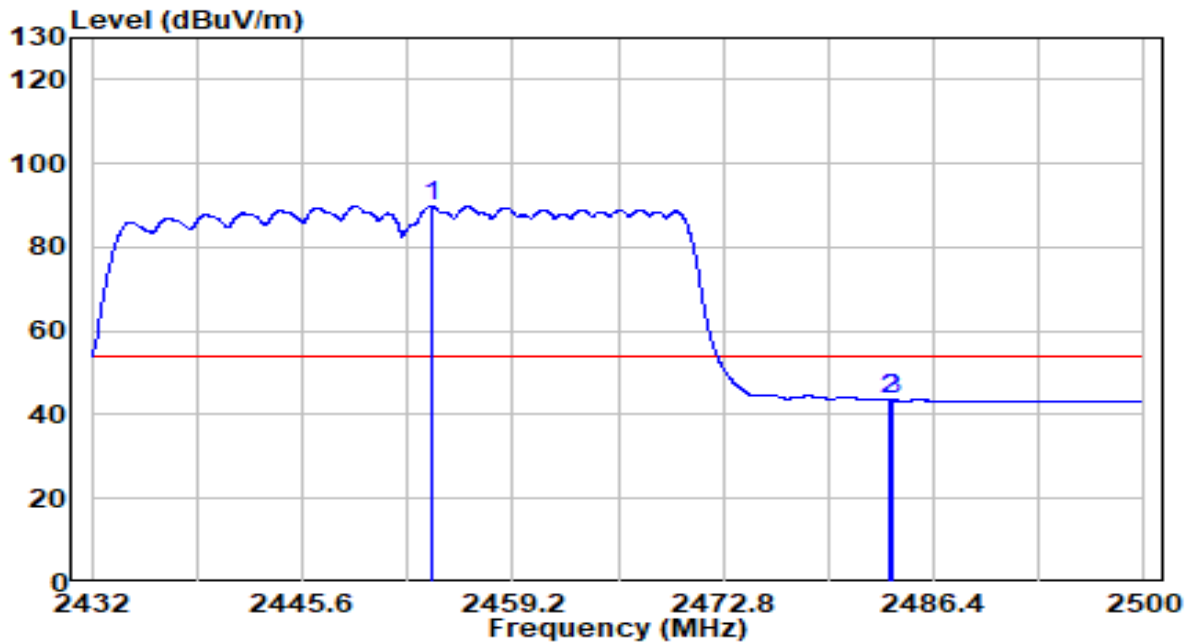


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2456.548	66.05	32.50	98.55	N/A	N/A	Peak
2		2483.510	28.71	32.61	61.32	-12.68	74.00	Peak
3		2488.678	29.63	32.63	62.26	-11.74	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 2452MHz	Test Voltage	AC 110V/60Hz

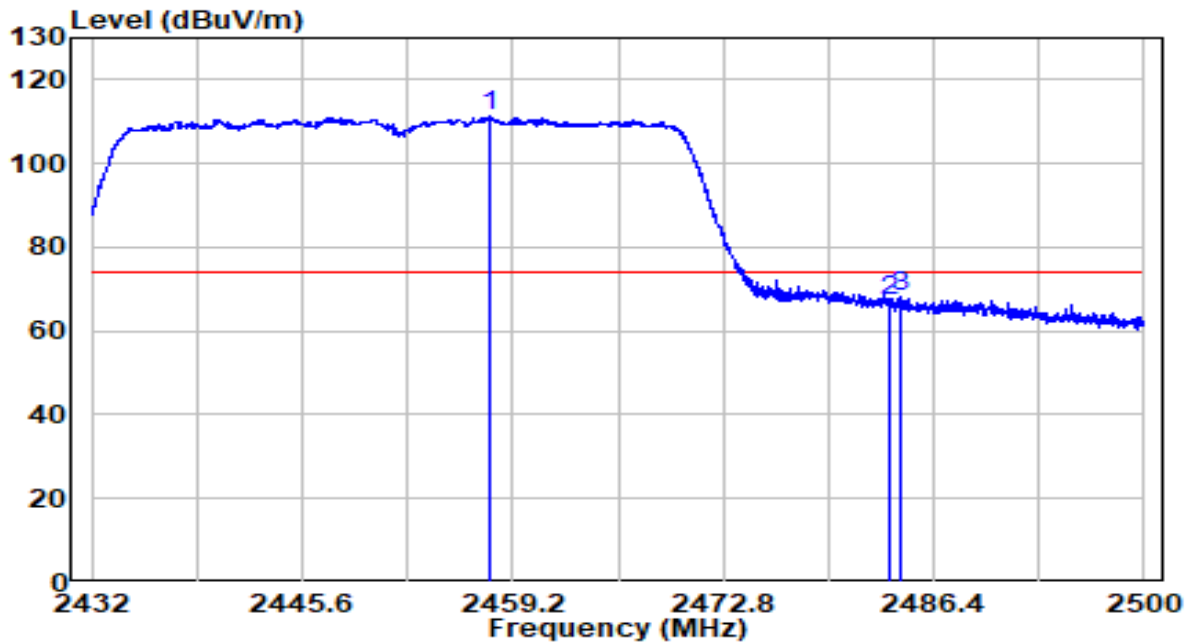


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2453.896	57.21	32.49	89.70	N/A	N/A	Average
2		2483.510	10.99	32.61	43.60	-10.40	54.00	Average
3		2483.646	11.02	32.61	43.63	-10.37	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 2452MHz	Test Voltage	AC 110V/60Hz

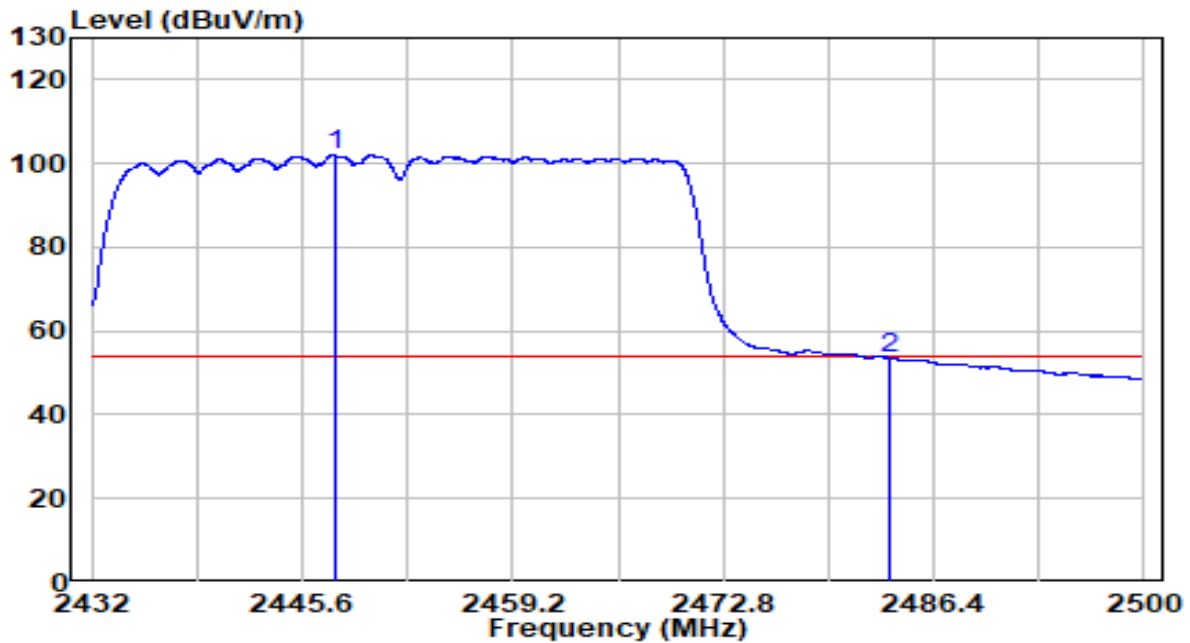


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.636	78.86	32.50	111.36	N/A	N/A	Peak
2		2483.510	34.53	32.61	67.14	-6.86	74.00	Peak
3		2484.190	35.42	32.61	68.04	-5.96	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 2452MHz	Test Voltage	AC 110V/60Hz

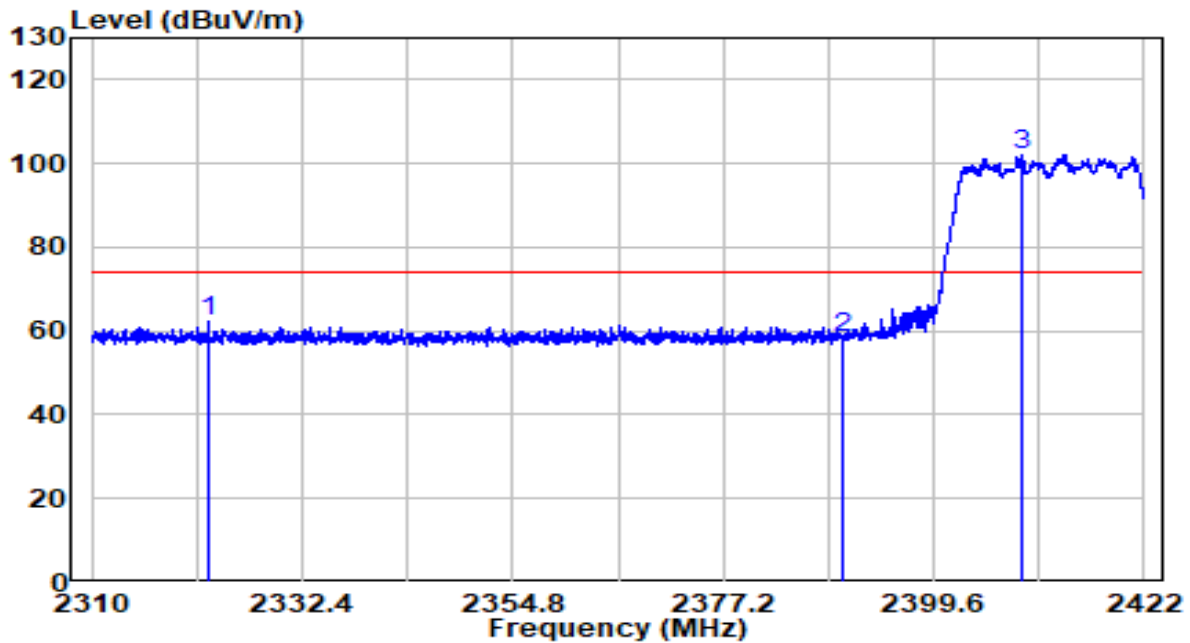


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2447.674	69.46	32.46	101.92	N/A	N/A	Average
2		2483.500	21.01	32.61	53.62	-0.38	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 110V/60Hz

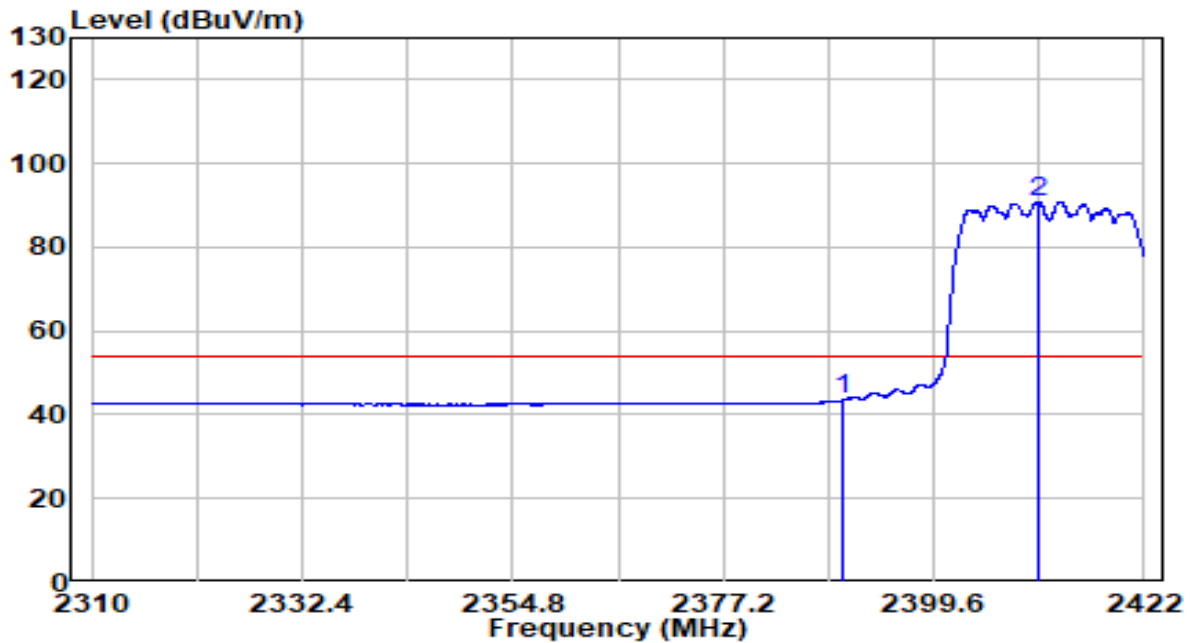


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2322.488	30.33	31.93	62.26	-11.74	74.00	Peak
2	2390.024	25.99	32.22	58.21	-15.79	74.00	Peak
3	* 2408.952	69.71	32.30	102.00	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 110V/60Hz

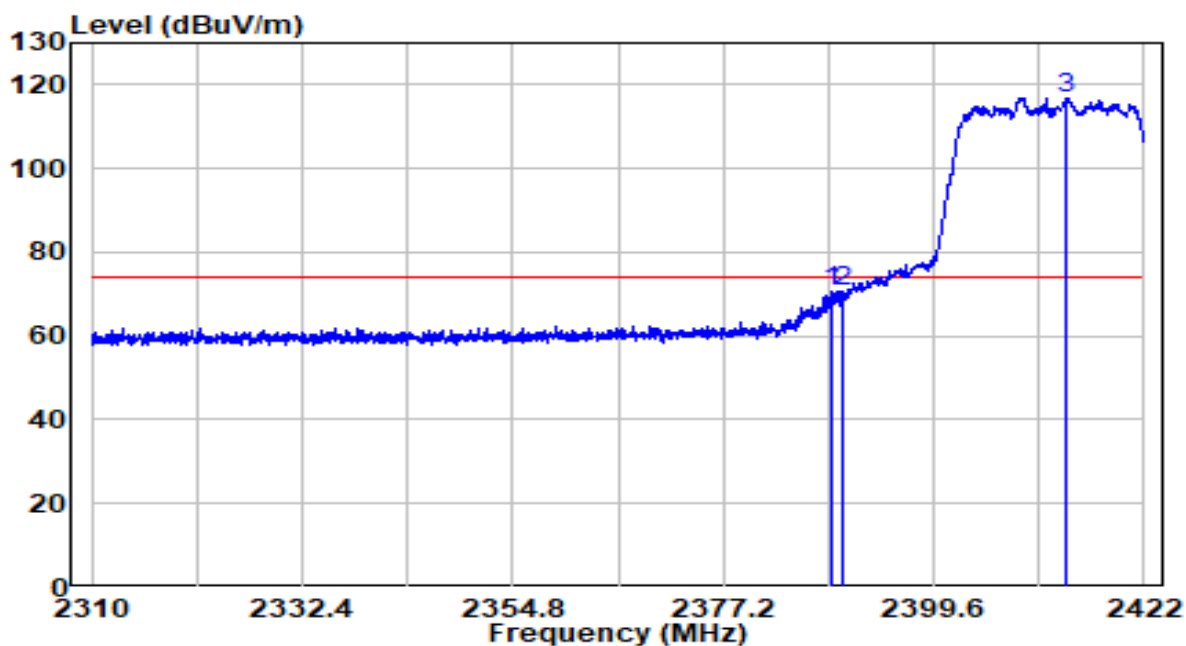


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	11.35	32.22	43.57	-10.43	54.00	Average
2	*	2410.632	58.56	32.30	90.86	N/A	N/A	Average

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 110V/60Hz

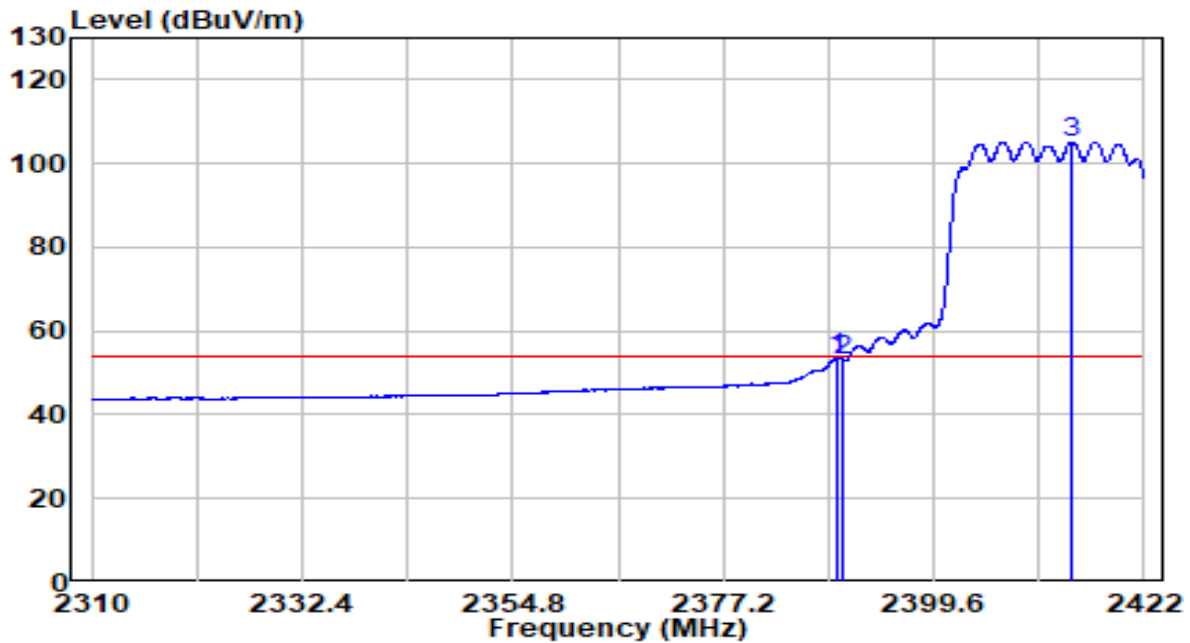


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	2388.680	38.46	32.21	70.67	-3.33	74.00	Peak
2	2390.024	38.63	32.22	70.85	-3.15	74.00	Peak
3	* 2413.768	84.66	32.32	116.98	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2412MHz	Test Voltage	AC 110V/60Hz

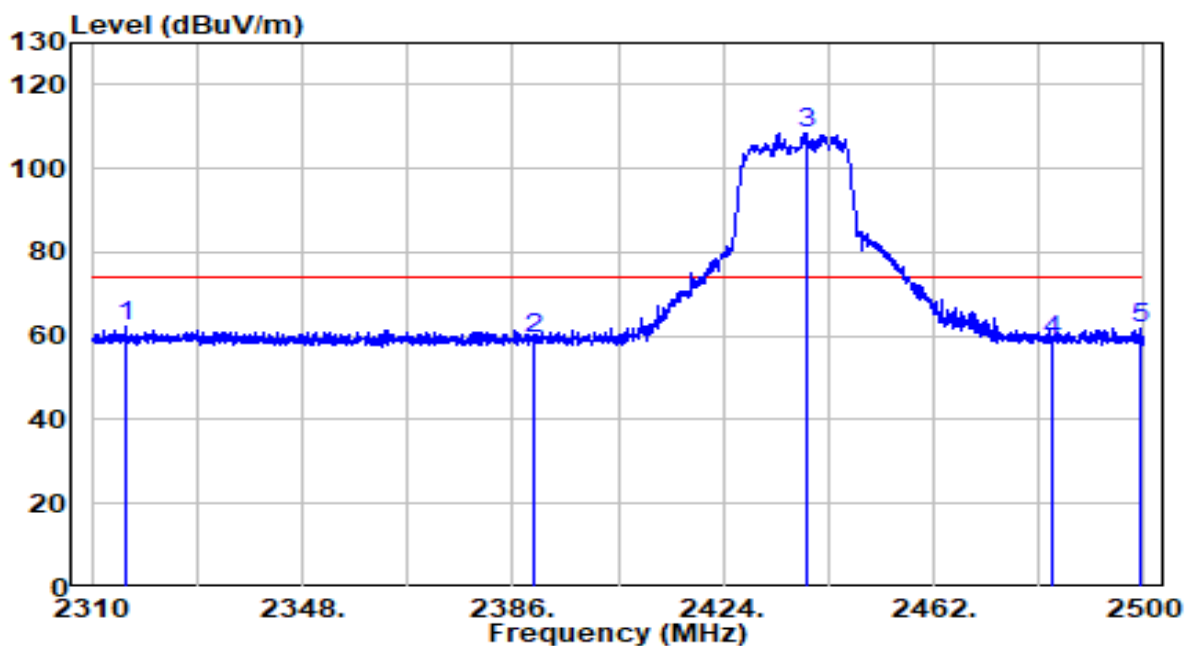


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.408	21.44	32.22	53.65	-0.35	54.00	Average
2	2390.000	20.69	32.22	52.90	-1.10	54.00	Average
3	* 2414.328	72.80	32.32	105.12	N/A	N/A	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

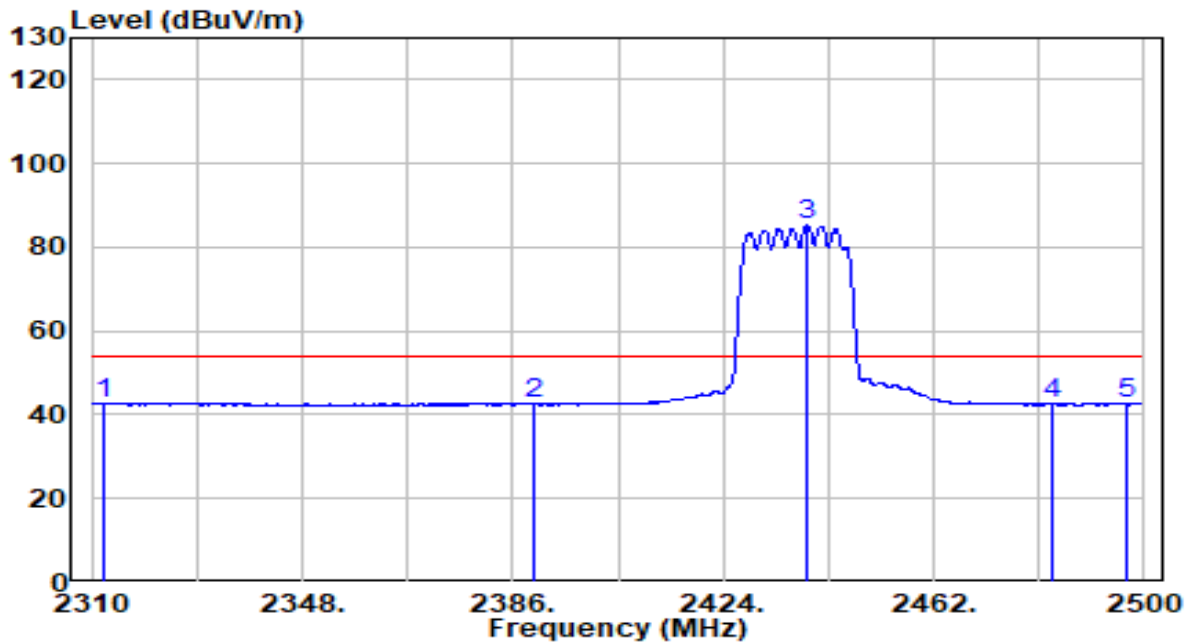


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2316.365	30.26	31.91	62.17	-11.83	74.00	Peak
2		2389.990	26.92	32.22	59.14	-14.86	74.00	Peak
3	*	2439.105	76.07	32.42	108.49	N/A	N/A	Peak
4		2483.500	26.34	32.61	58.95	-15.05	74.00	Peak
5		2499.145	29.04	32.68	61.72	-12.28	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

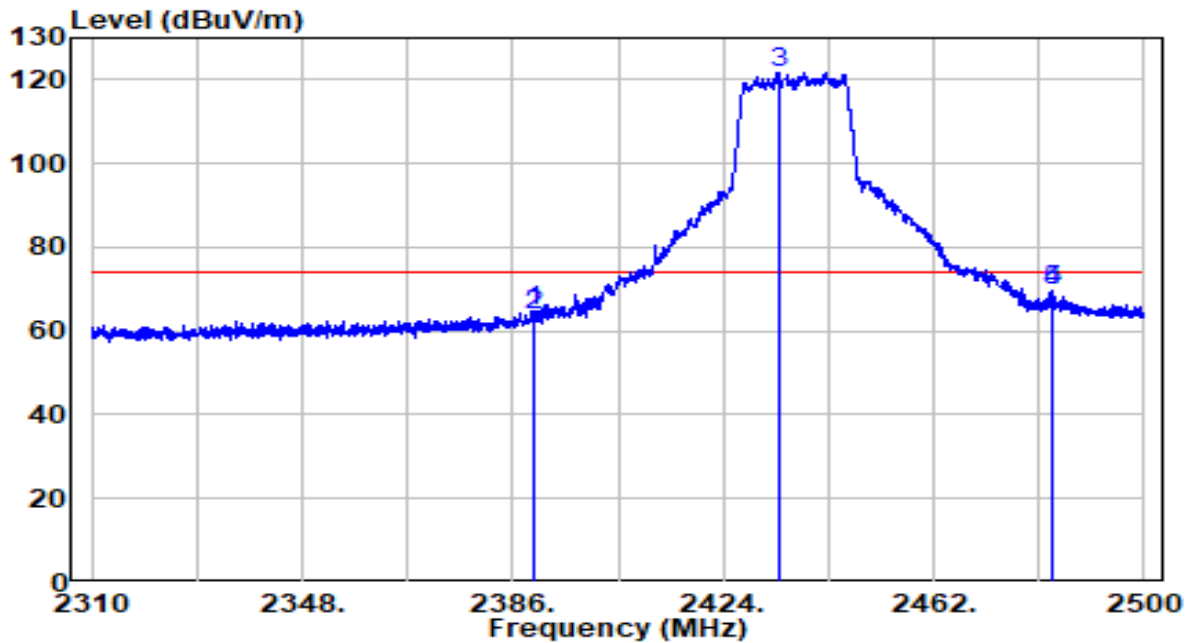


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2312.090	10.82	31.89	42.71	-11.29	54.00	Average
2	2390.000	10.25	32.22	42.47	-11.53	54.00	Average
3	* 2439.200	52.73	32.42	85.15	N/A	N/A	Average
4	2483.500	9.89	32.61	42.50	-11.50	54.00	Average
5	2496.675	10.10	32.67	42.76	-11.24	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

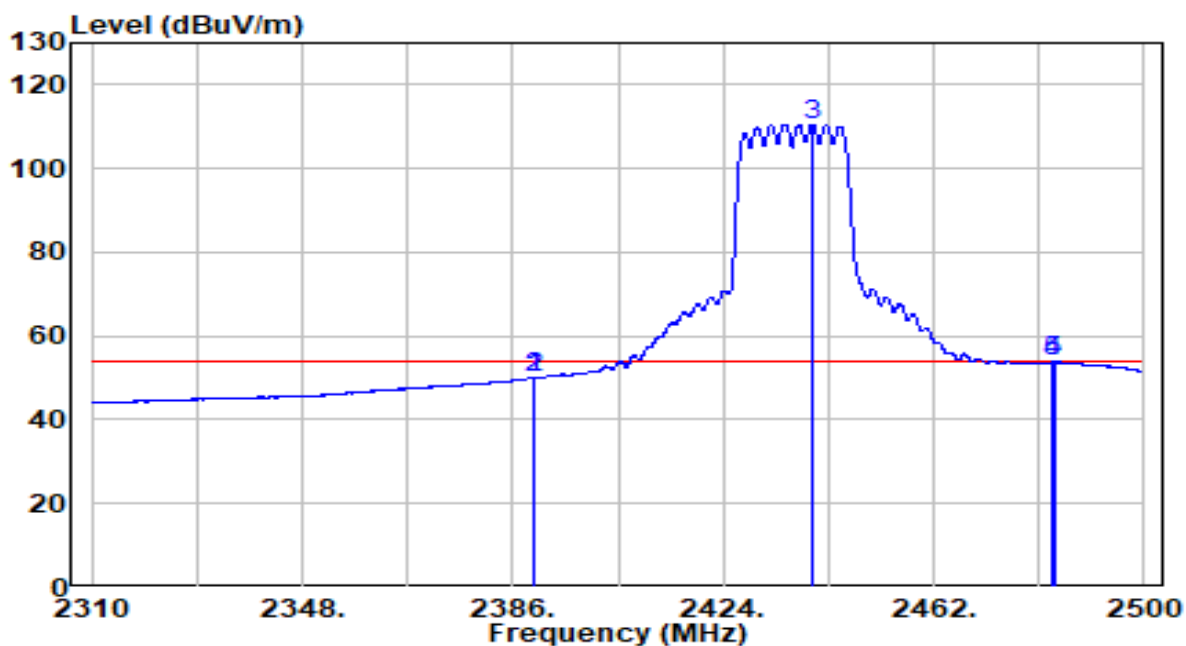


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.800	32.44	32.22	64.66	-9.34	74.00	Peak
2	2389.990	31.35	32.22	63.57	-10.43	74.00	Peak
3	* 2433.975	89.47	32.40	121.87	N/A	N/A	Peak
4	2483.470	36.82	32.61	69.43	-4.57	74.00	Peak
5	2483.500	36.82	32.61	69.43	-4.57	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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

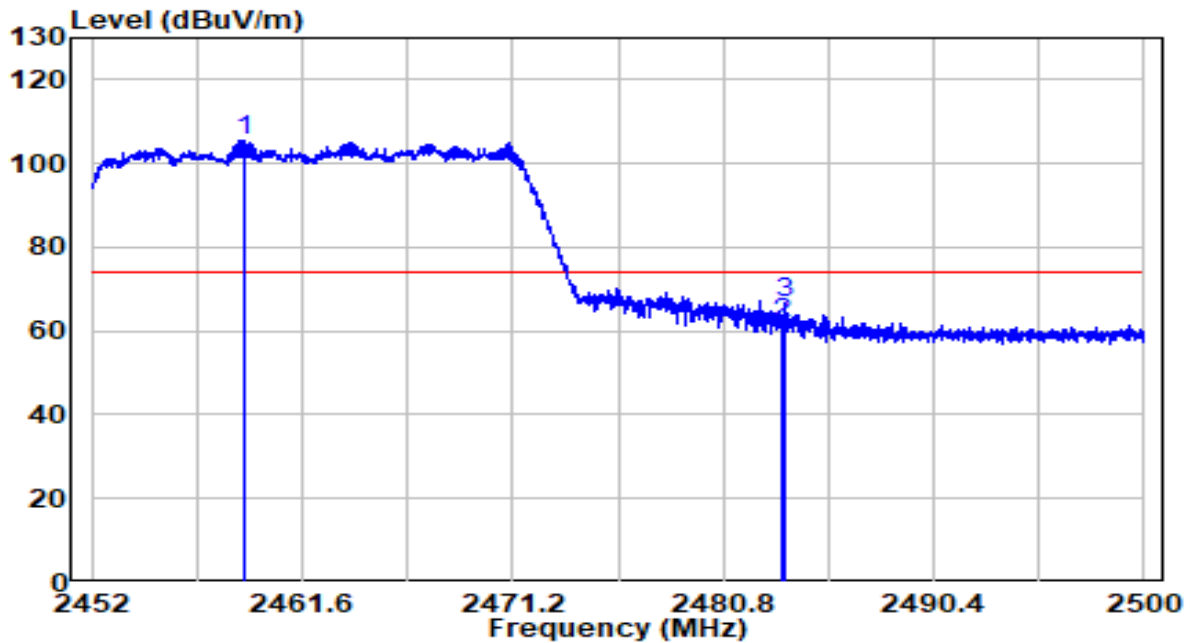


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.895	17.84	32.22	50.06	-3.94	54.00	Average
2		2390.000	17.83	32.22	50.05	-3.95	54.00	Average
3	*	2440.150	78.19	32.43	110.62	N/A	N/A	Average
4		2483.500	21.15	32.61	53.76	-0.24	54.00	Average
5		2483.660	21.17	32.61	53.78	-0.22	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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 110V/60Hz

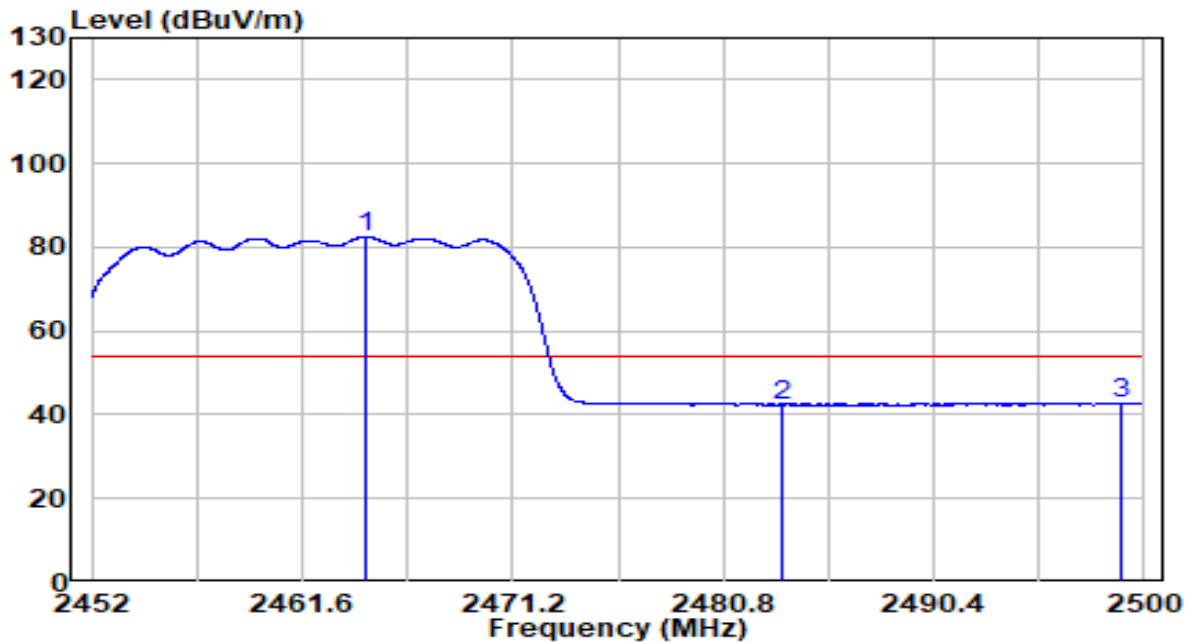


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.984	72.92	32.51	105.43	N/A	N/A	Peak
2		2483.500	29.23	32.61	61.84	-12.16	74.00	Peak
3		2483.608	34.26	32.61	66.88	-7.12	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 110V/60Hz

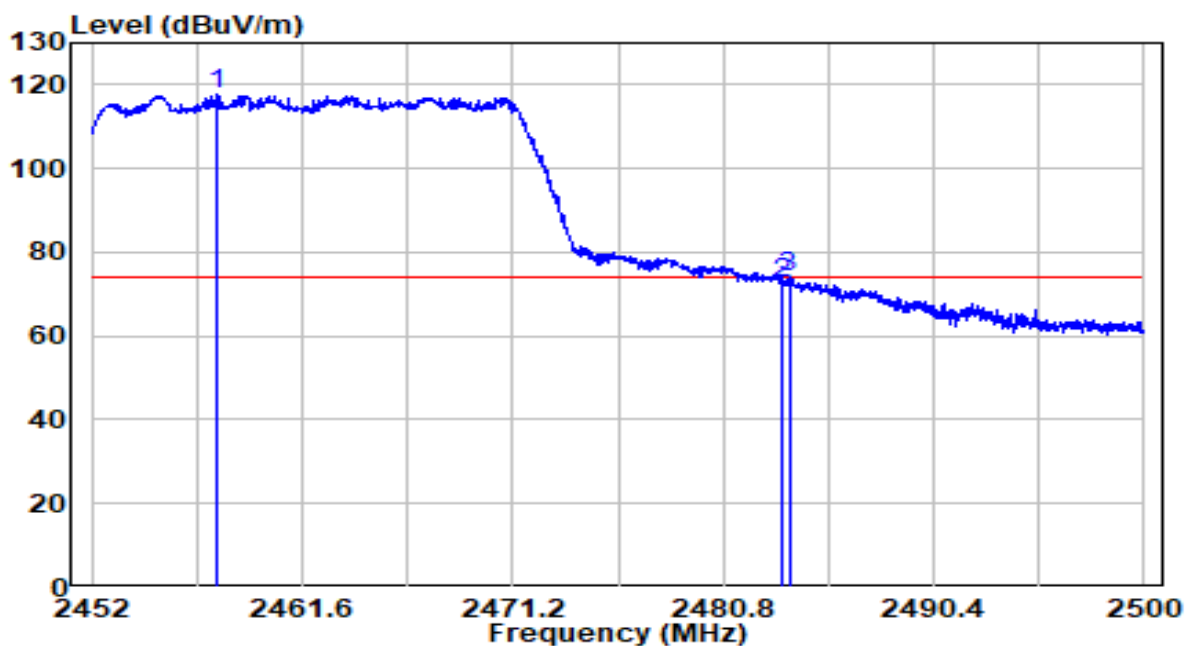


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2464.480	49.85	32.53	82.38	N/A	N/A	Average
2		2483.488	9.80	32.61	42.41	-11.59	54.00	Average
3		2498.992	10.01	32.68	42.69	-11.31	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 110V/60Hz

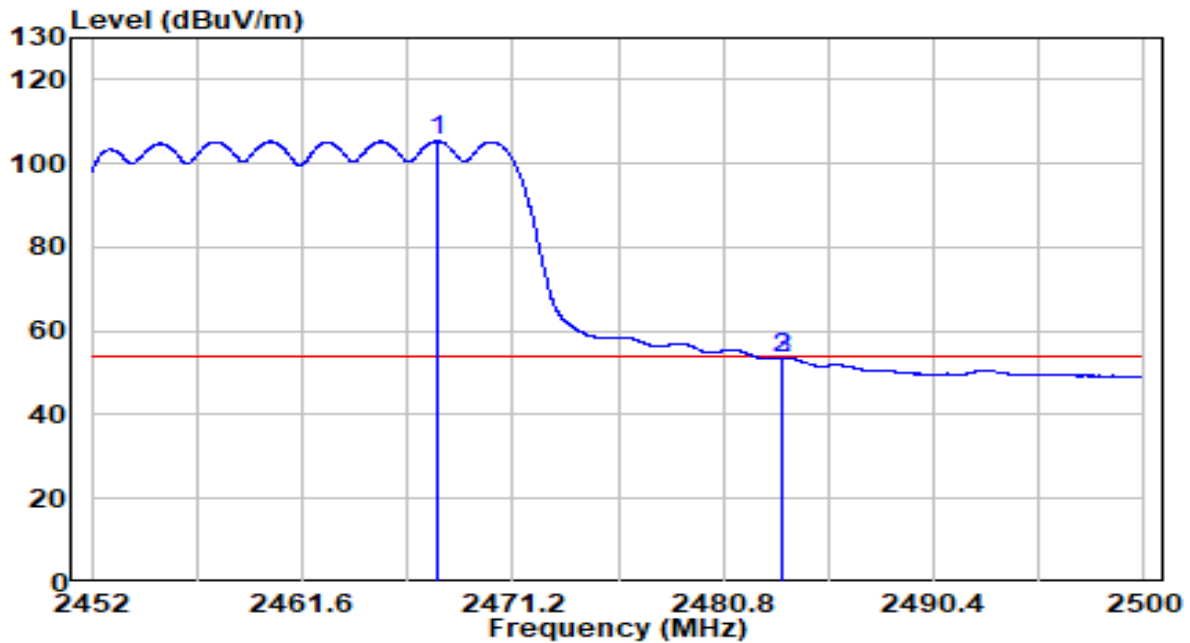


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.664	85.33	32.50	117.83	N/A	N/A	Peak
2		2483.500	40.06	32.61	72.67	-1.33	74.00	Peak
3		2483.800	41.27	32.61	73.88	-0.12	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE20 at Channel 2462MHz	Test Voltage	AC 110V/60Hz

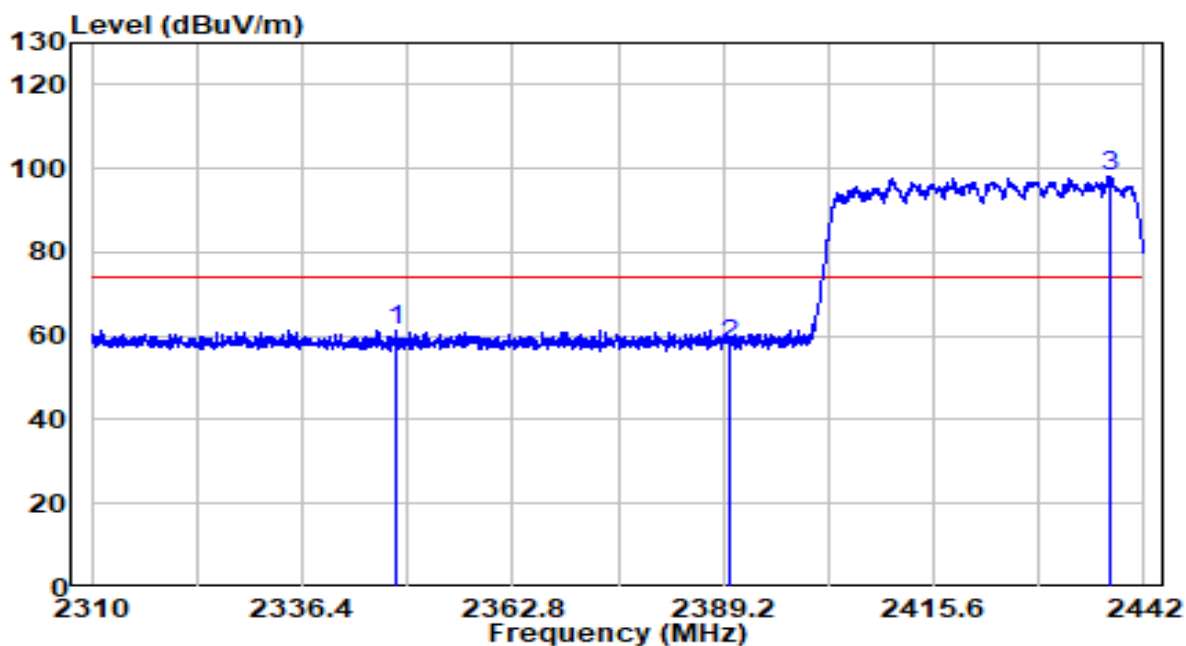


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.744	72.77	32.54	105.31	N/A	N/A	Average
2		2483.500	21.06	32.61	53.67	-0.33	54.00	Average
3		2483.512	21.08	32.61	53.69	-0.31	54.00	Average

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 110V/60Hz

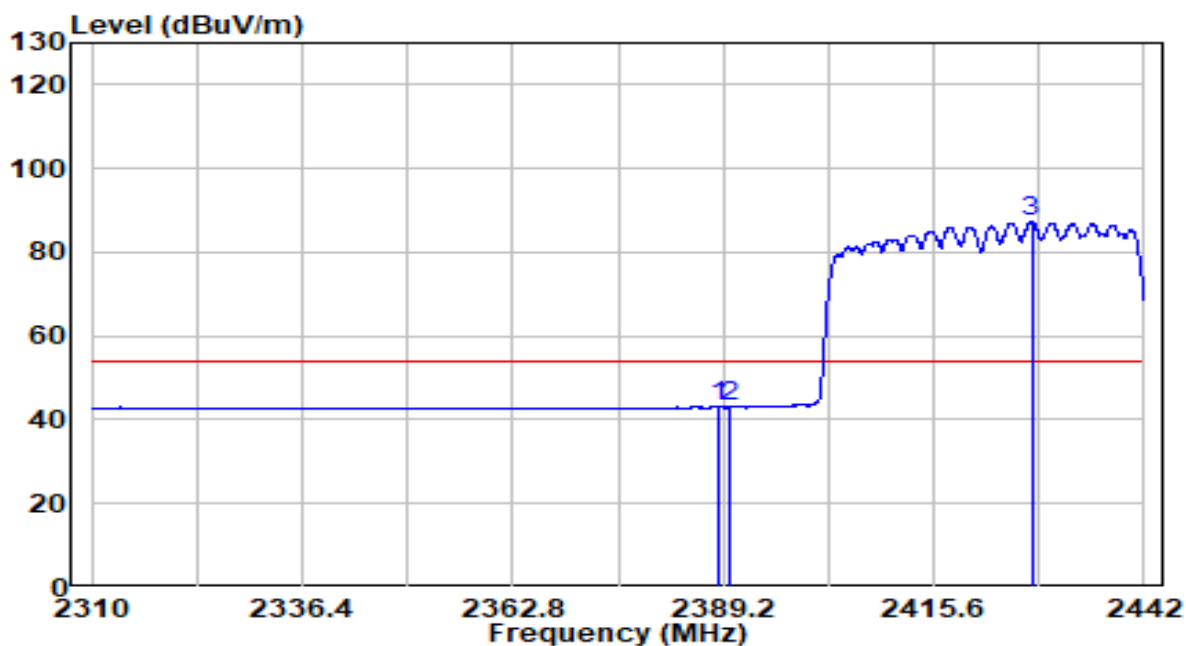


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2348.280	29.48	32.04	61.52	-12.48	74.00	Peak
2	2389.992	25.52	32.22	57.74	-16.26	74.00	Peak
3	* 2437.842	65.77	32.42	98.19	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 110V/60Hz

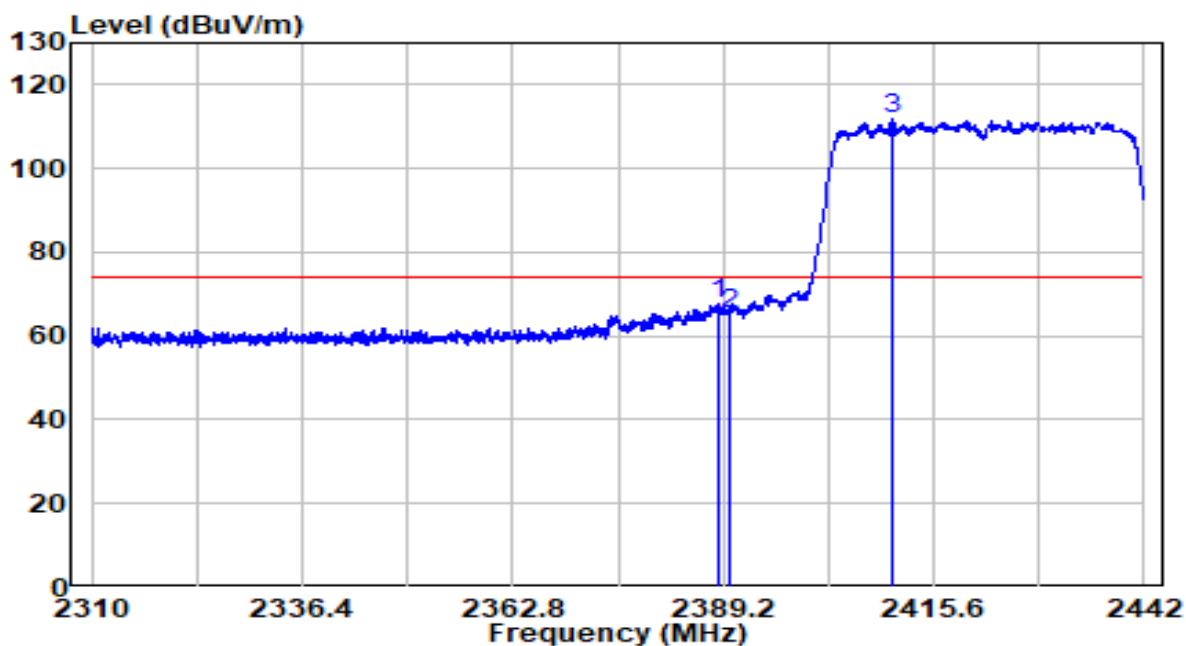


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.540	10.94	32.21	43.15	-10.85	54.00	Average
2	2389.992	10.73	32.22	42.95	-11.05	54.00	Average
3	* 2427.876	54.96	32.38	87.34	N/A	N/A	Average

Note:

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

EUT	AX5400 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 110V/60Hz

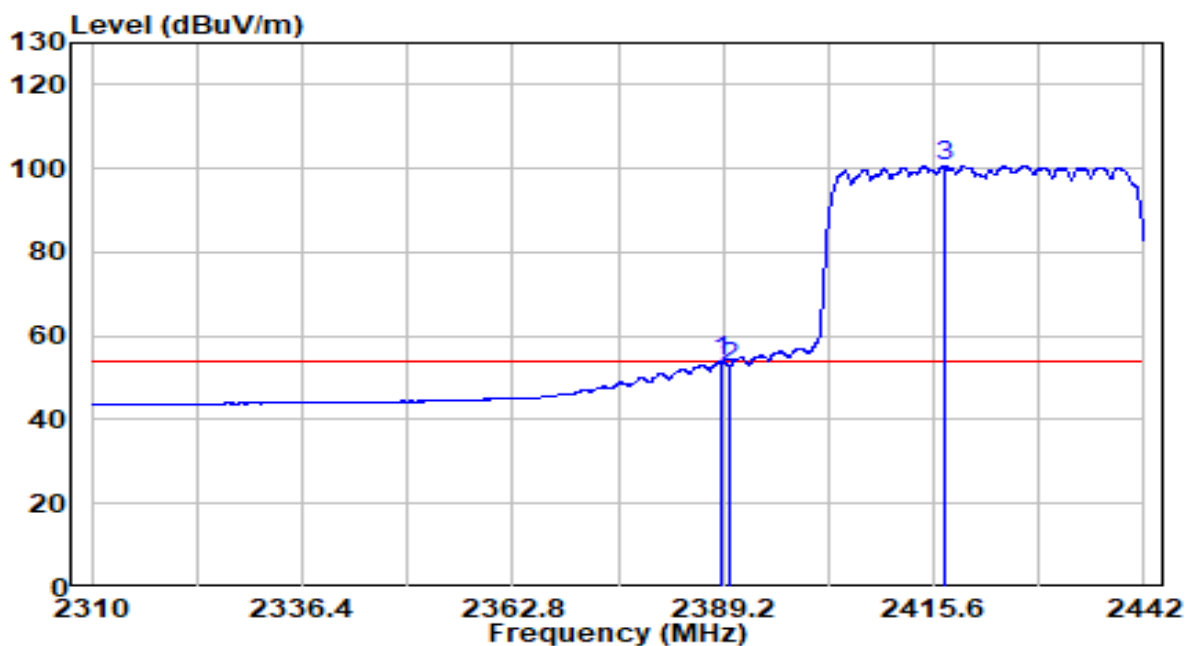


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.540	35.32	32.21	67.53	-6.47	74.00	Peak
2	2389.992	32.85	32.22	65.07	-8.93	74.00	Peak
3	* 2410.518	79.47	32.30	111.78	N/A	N/A	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2422MHz	Test Voltage	AC 110V/60Hz

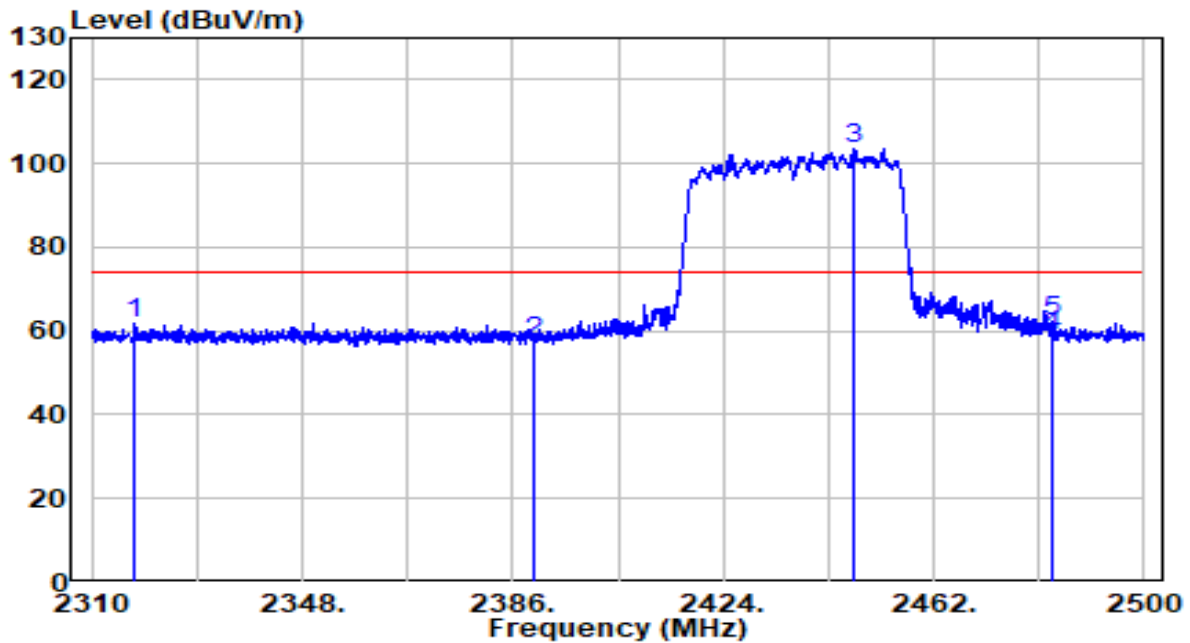


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.002	21.72	32.21	53.93	-0.07	54.00	Average
2	2390.000	20.20	32.22	52.42	-1.58	54.00	Average
3	* 2416.854	68.47	32.33	100.80	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

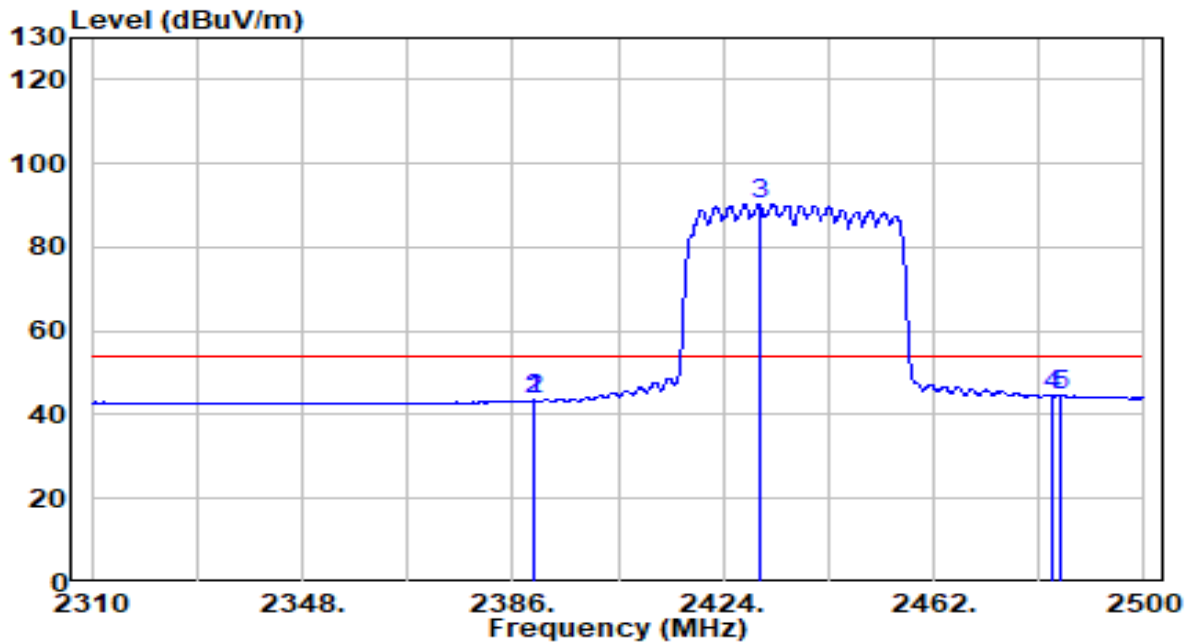


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2317.600	29.81	31.91	61.73	-12.27	74.00	Peak
2	2389.990	25.39	32.22	57.60	-16.40	74.00	Peak
3	* 2447.370	71.23	32.46	103.69	N/A	N/A	Peak
4	2483.500	26.20	32.61	58.81	-15.19	74.00	Peak
5	2483.565	29.82	32.61	62.43	-11.57	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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

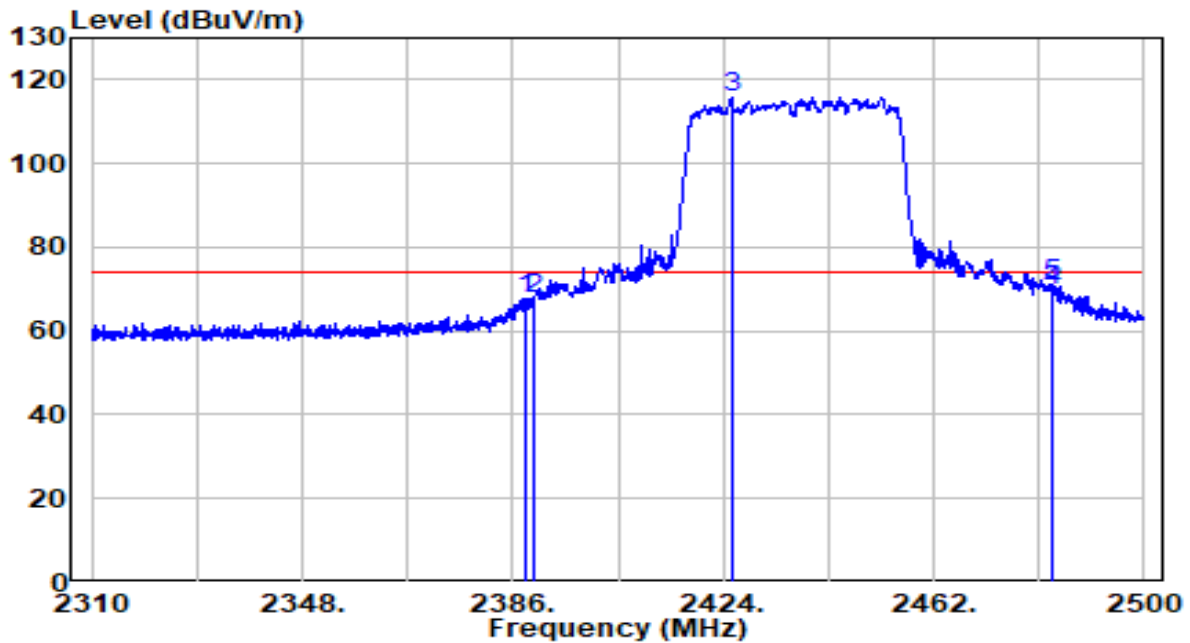


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	11.27	32.22	43.49	-10.51	54.00	Average
2		2390.000	11.27	32.22	43.49	-10.51	54.00	Average
3	*	2430.460	57.86	32.39	90.25	N/A	N/A	Average
4		2483.470	11.82	32.61	44.44	-9.56	54.00	Average
5		2485.085	12.08	32.62	44.70	-9.30	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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

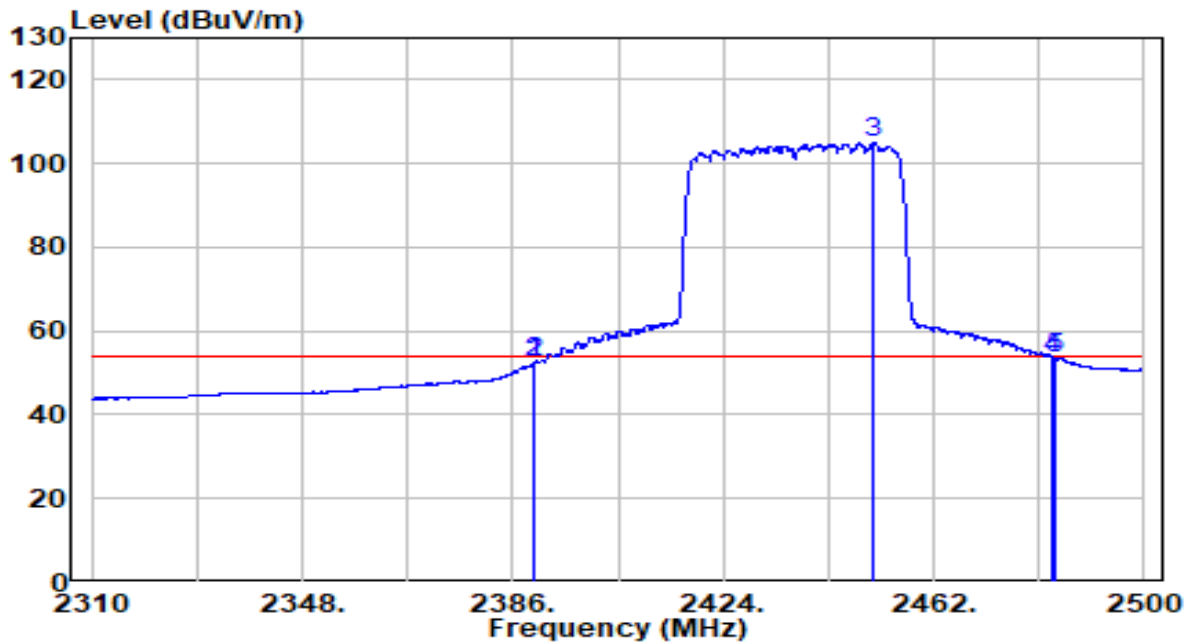


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.565	35.70	32.21	67.91	-6.09	74.00	Peak
2		2390.000	35.69	32.22	67.90	-6.10	74.00	Peak
3	*	2425.710	83.42	32.37	115.79	N/A	N/A	Peak
4		2483.500	36.98	32.61	69.60	-4.40	74.00	Peak
5		2483.565	38.33	32.61	70.94	-3.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2437MHz	Test Voltage	AC 110V/60Hz

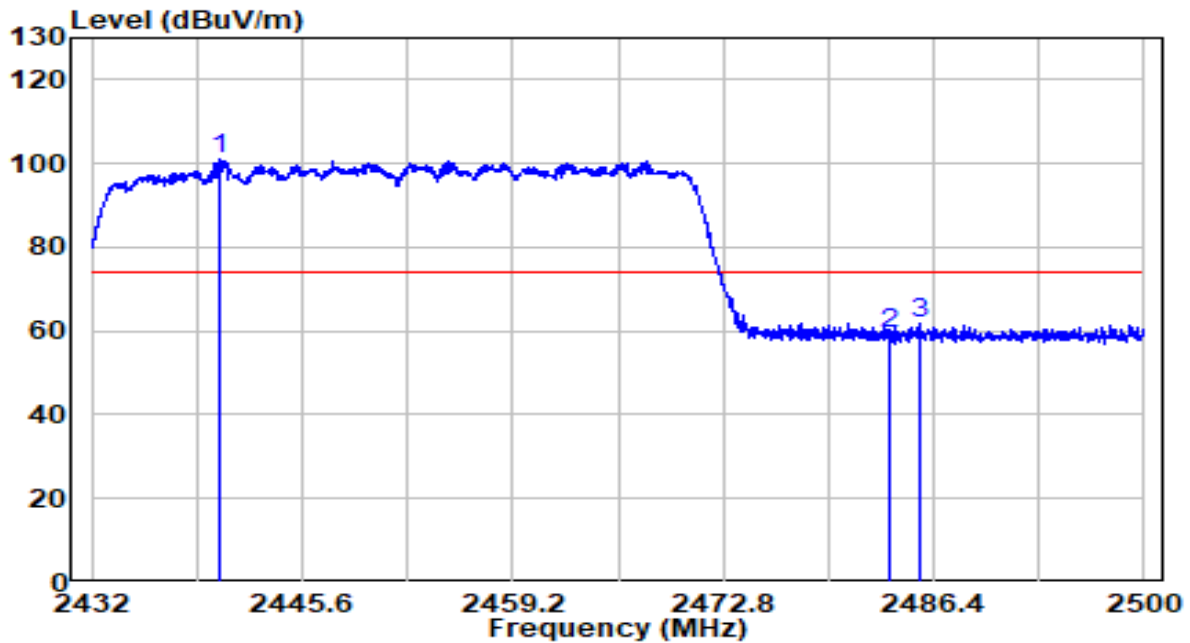


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	20.46	32.22	52.68	-1.32	54.00	Average
2		2390.000	20.46	32.22	52.68	-1.32	54.00	Average
3	*	2451.170	72.41	32.47	104.88	N/A	N/A	Average
4		2483.500	20.79	32.61	53.40	-0.60	54.00	Average
5		2483.850	20.97	32.61	53.58	-0.42	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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 110V/60Hz

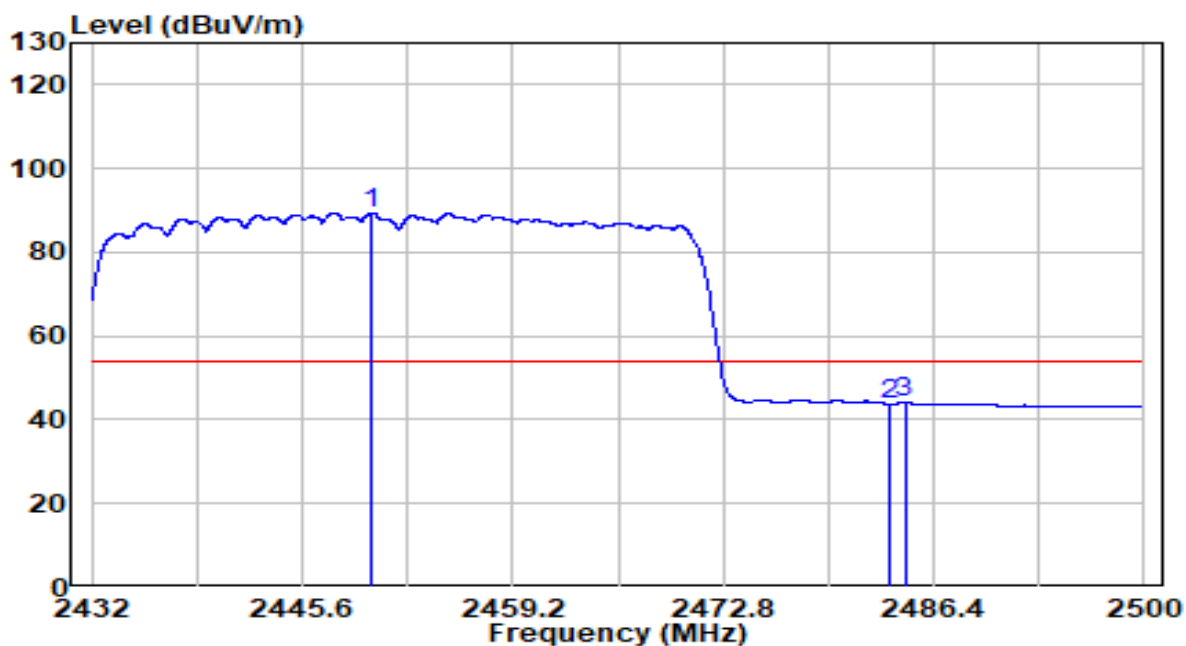


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2440.262	68.40	32.43	100.83	N/A	N/A	Peak
2		2483.510	26.55	32.61	59.16	-14.84	74.00	Peak
3		2485.448	29.32	32.62	61.94	-12.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 110V/60Hz

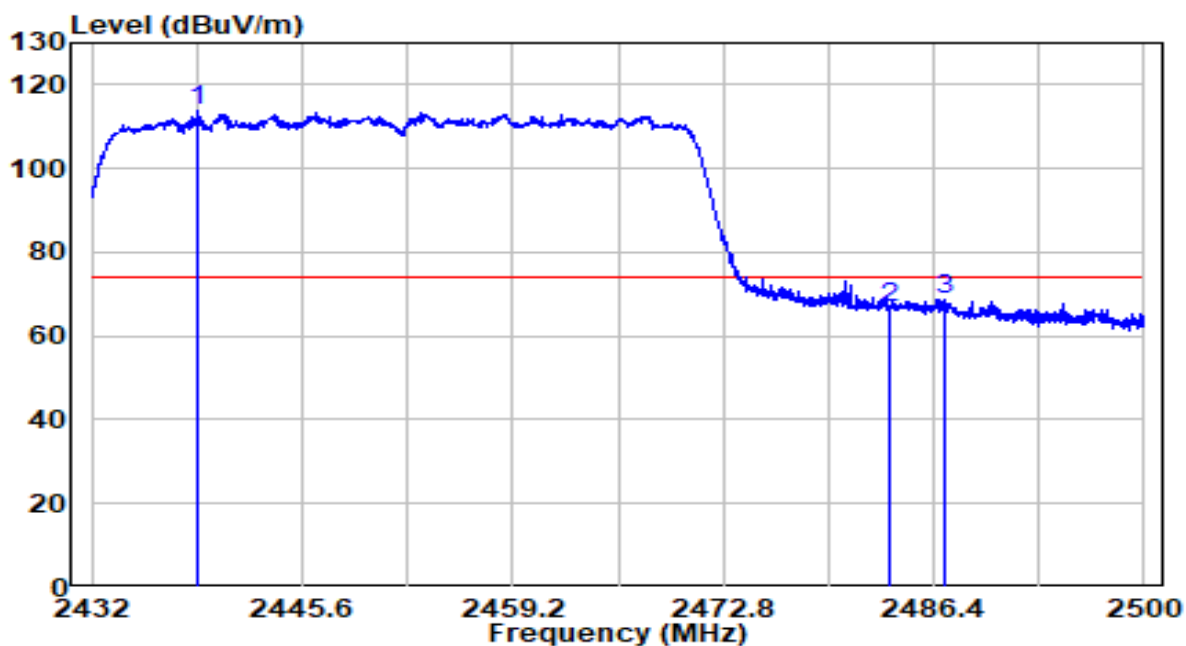


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2450.088	56.84	32.47	89.31	N/A	N/A	Average
2		2483.510	11.27	32.61	43.88	-10.12	54.00	Average
3		2484.530	11.54	32.62	44.15	-9.85	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 110V/60Hz

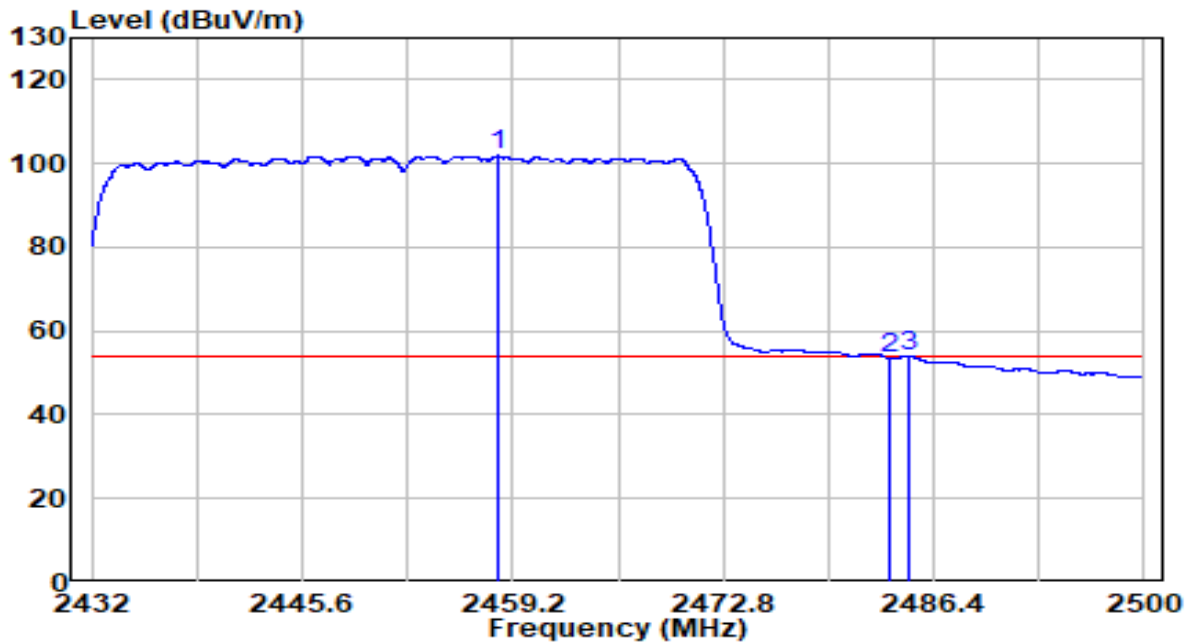


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2438.766	81.45	32.42	113.87	N/A	N/A	Peak
2		2483.510	34.24	32.61	66.85	-7.15	74.00	Peak
3		2487.080	36.20	32.63	68.82	-5.18	74.00	Peak

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 三頻 Wi-Fi 6 路由器	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 802.11ax-HE40 at Channel 2452MHz	Test Voltage	AC 110V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.180	69.30	32.50	101.81	N/A	N/A	Average
2		2483.500	20.86	32.61	53.47	-0.53	54.00	Average
3		2484.802	21.28	32.62	53.90	-0.10	54.00	Average

Note:

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

5.7. 佔用頻道寬度

5.7.1. 適用標準

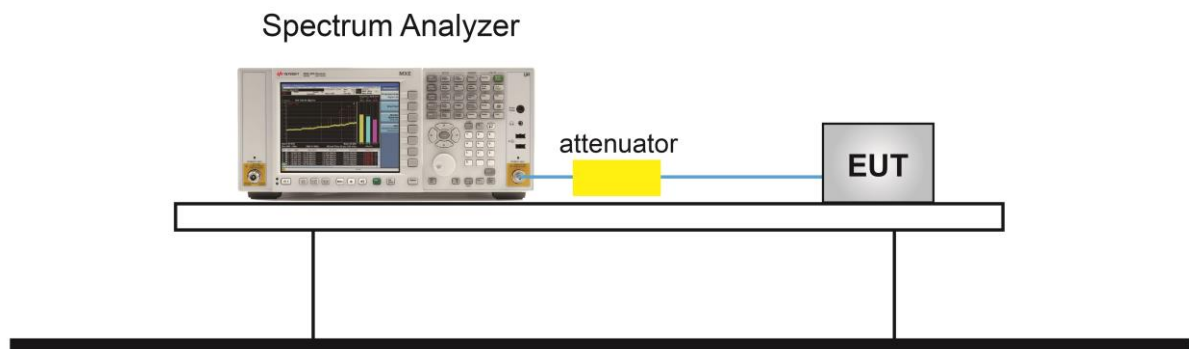
依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.6(2)(A)節之要求，6dB 頻寬至少應有 500kHz。

5.7.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬為 100kHz，視訊頻寬不小於解析度頻寬，頻率掃瞄範圍(SPAN)遠大於解析度頻寬。

待測物應在正常發射狀態下量測。

5.7.3. 測試架構圖



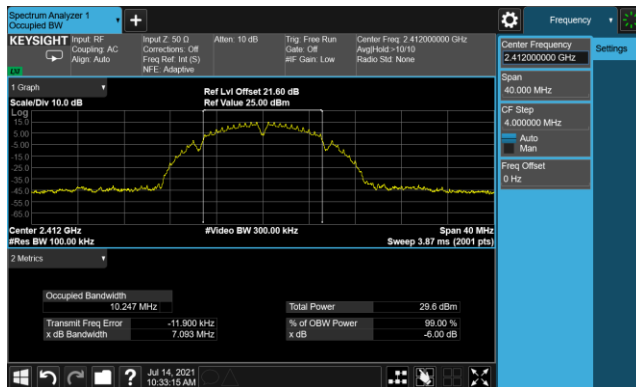
5.7.4. 佔用頻帶寬度測試結果

待測物名稱	AX5400 三頻 Wi-Fi 6 路由器	溫度	23°C
測試工程師	Eric Lin	濕度	54%
測試場地	SR2	測試日期	2021/07/14

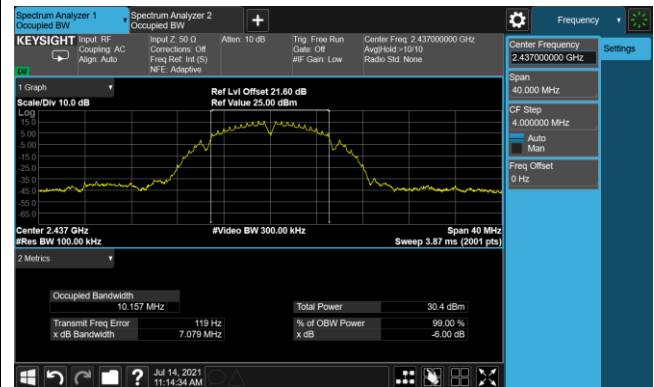
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1						
802.11b	1Mbps	01	2412	7.09	≥ 0.5	Pass
802.11b	1Mbps	06	2437	7.08	≥ 0.5	Pass
802.11b	1Mbps	11	2462	7.07	≥ 0.5	Pass
802.11g	6Mbps	01	2412	16.41	≥ 0.5	Pass
802.11g	6Mbps	06	2437	16.39	≥ 0.5	Pass
802.11g	6Mbps	11	2462	16.40	≥ 0.5	Pass
802.11n-HT20	MCS0	01	2412	17.63	≥ 0.5	Pass
802.11n-HT20	MCS0	06	2437	17.64	≥ 0.5	Pass
802.11n-HT20	MCS0	11	2462	17.62	≥ 0.5	Pass
802.11n-HT40	MCS0	03	2422	36.38	≥ 0.5	Pass
802.11n-HT40	MCS0	06	2437	36.39	≥ 0.5	Pass
802.11n-HT40	MCS0	09	2452	36.39	≥ 0.5	Pass
802.11ax-HE20	MCS0	01	2412	19.00	≥ 0.5	Pass
802.11ax-HE20	MCS0	06	2437	19.01	≥ 0.5	Pass
802.11ax-HE20	MCS0	11	2462	18.98	≥ 0.5	Pass
802.11ax-HE40	MCS0	03	2422	37.35	≥ 0.5	Pass
802.11ax-HE40	MCS0	06	2437	37.58	≥ 0.5	Pass
802.11ax-HE40	MCS0	09	2452	37.29	≥ 0.5	Pass

802.11b 6dB Bandwidth - Ant 1

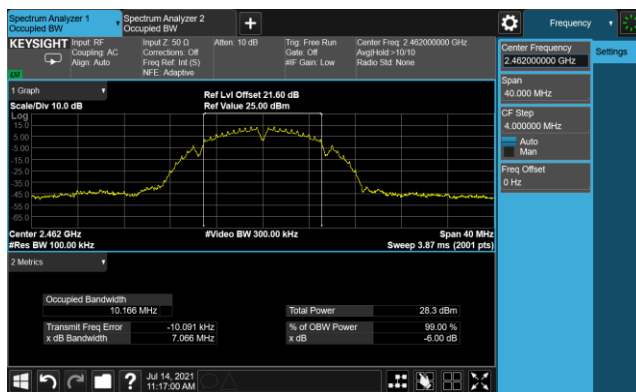
Channel 01 (2412MHz)



Channel 06 (2437MHz)

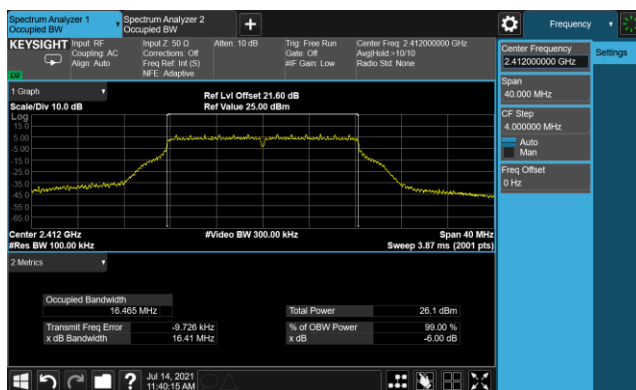


Channel 11 (2462MHz)

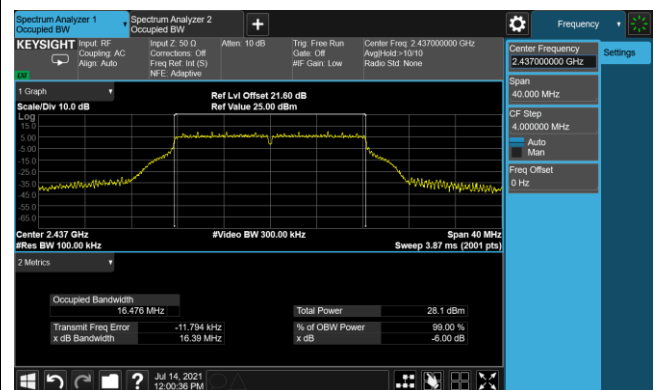


802.11g 6dB Bandwidth - Ant 1

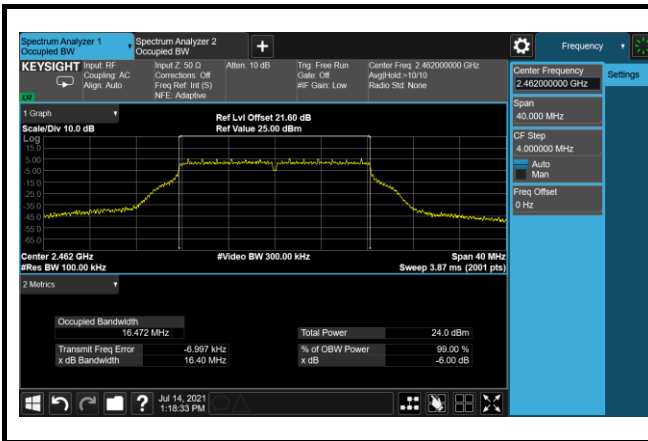
Channel 01 (2412MHz)



Channel 06 (2437MHz)

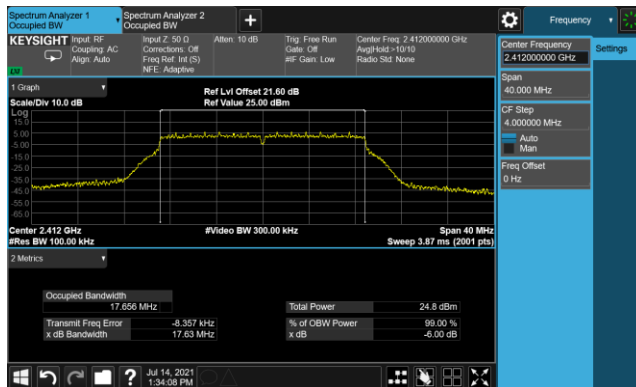


Channel 11 (2462MHz)

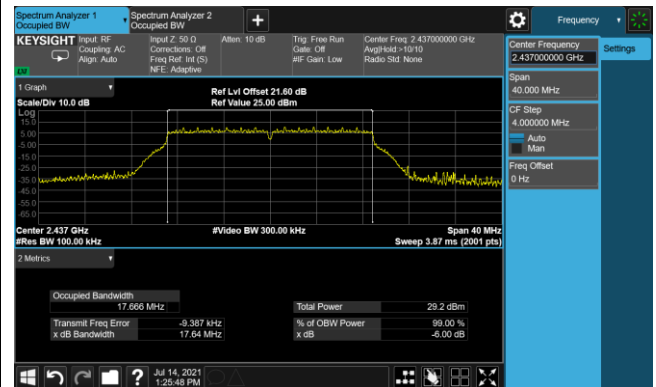


802.11n-HT20 6dB Bandwidth - Ant 1

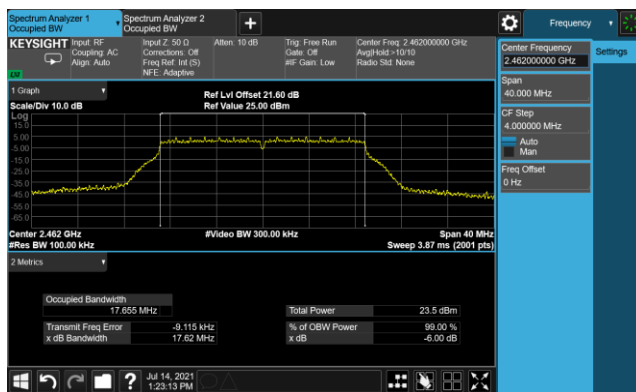
Channel 01 (2412MHz)



Channel 06 (2437MHz)

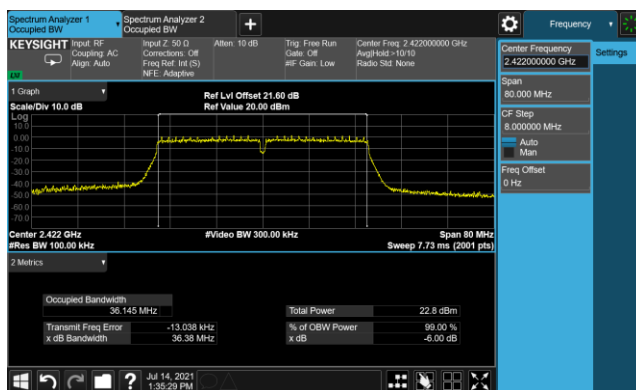


Channel 11 (2462MHz)

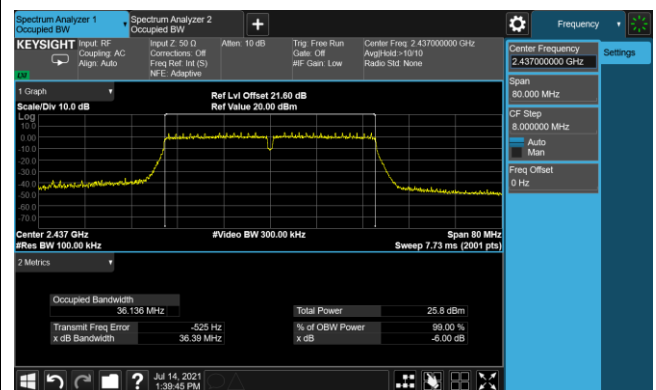


802.11n-HT40 6dB Bandwidth - Ant 1

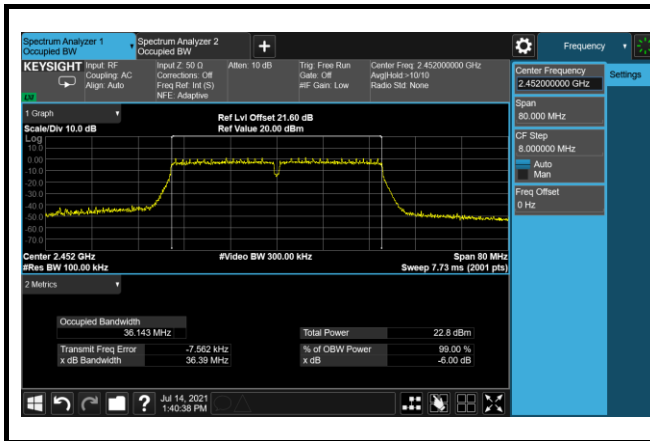
Channel 03 (2422MHz)



Channel 06 (2437MHz)

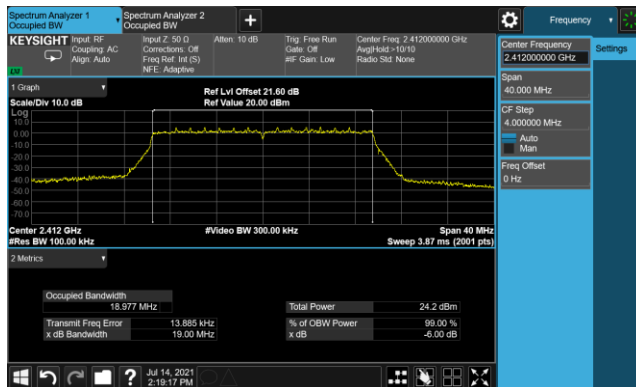


Channel 09 (2452MHz)

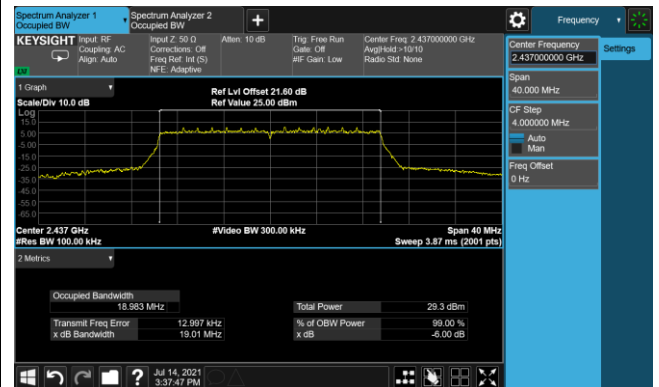


802.11ax-HE20 6dB Bandwidth - Ant 1

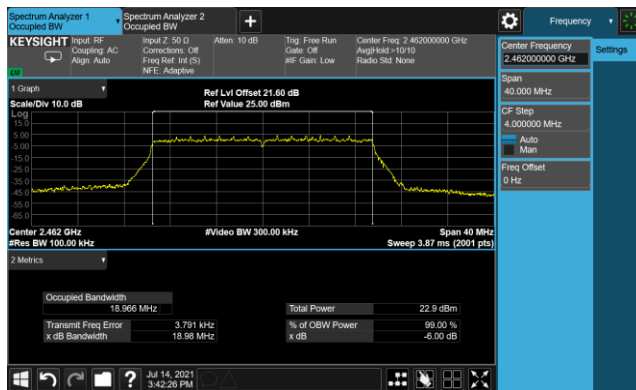
Channel 01 (2412MHz)



Channel 06 (2437MHz)

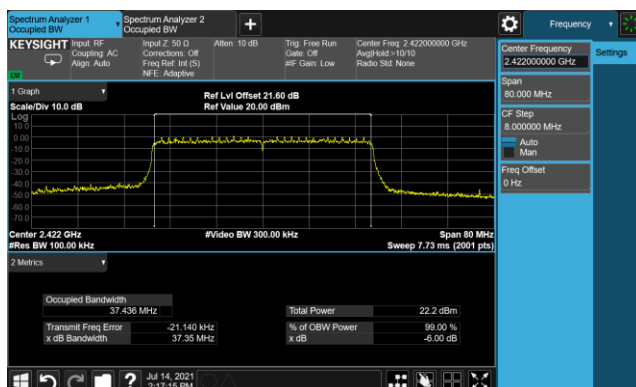


Channel 11 (2462MHz)

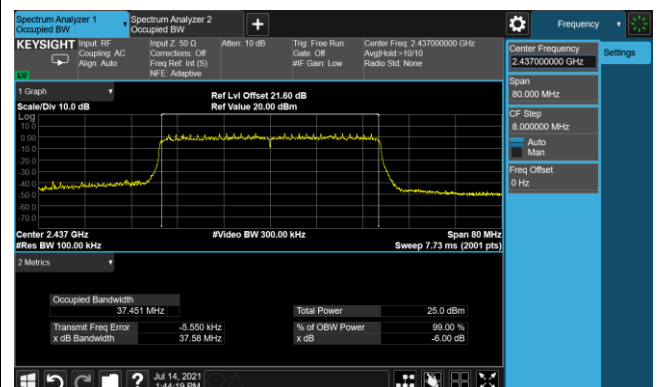


802.11ax-HE40 6dB Bandwidth - Ant 1

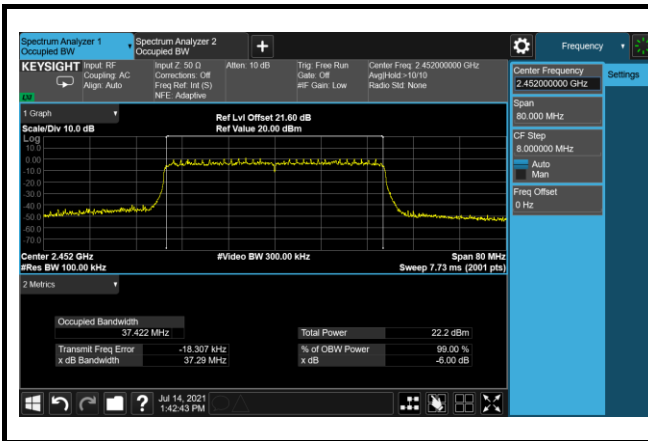
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



5.8. 發射電功率密度

5.8.1. 適用標準

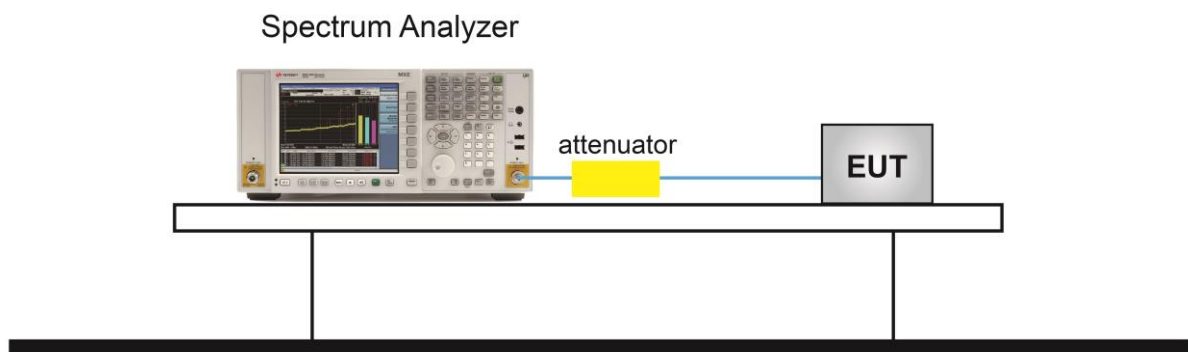
依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.6(2)(B)節，在使用頻率範圍之任意 3 千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm。

5.8.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端。找出發射峰值並擴展於通帶內，設定頻譜分析儀之解析度頻寬為 3kHz，視訊頻寬大於解析度頻寬，掃瞄時間為頻率掃瞄範圍除以 3kHz。
(SWEEP TIME = SPAN/3kHz)。

待測物應在正常發射狀態下量測。

5.8.3. 測試架構圖



5.8.4. 功率密度量測結果

待測物名稱	AX5400 三頻 Wi-Fi 6 路由器	溫度	23°C
測試工程師	Eric Lin	濕度	54%
測試場地	SR2	測試日期	2021/08/30~2021/12/15

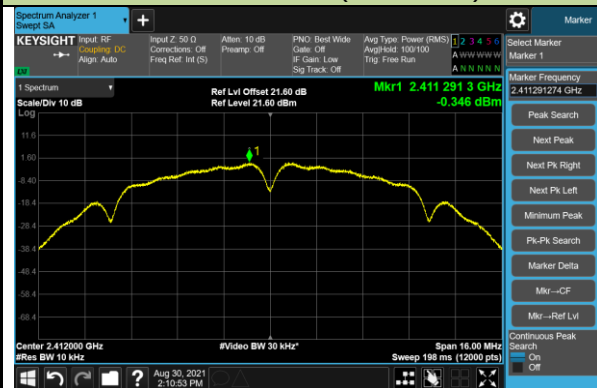
Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/10kHz)	Ant 1 PSD (dBm/10kHz)	Duty Cycle (%)	10*log (1/x)	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)	Result
CDD Mode										
802.11b	1Mbps	01	2412	-0.35	-0.42	95.02	0.22	2.85	≤ 8.00	Pass
802.11b	1Mbps	06	2437	-0.86	-1.39	95.02	0.22	2.12	≤ 8.00	Pass
802.11b	1Mbps	11	2462	-2.15	-3.94	95.02	0.22	0.28	≤ 8.00	Pass
802.11g	6Mbps	01	2412	-8.74	-8.89	94.93	0.23	-5.58	≤ 8.00	Pass
802.11g	6Mbps	06	2437	-5.60	-5.76	94.93	0.23	-2.44	≤ 8.00	Pass
802.11g	6Mbps	11	2462	-8.48	-8.40	94.93	0.23	-5.21	≤ 8.00	Pass
802.11n-HT20	MCS0	01	2412	-9.13	-9.36	94.71	0.24	-6.00	≤ 8.00	Pass
802.11n-HT20	MCS0	06	2437	-5.03	-5.18	94.71	0.24	-1.86	≤ 8.00	Pass
802.11n-HT20	MCS0	11	2462	-10.01	-9.42	94.71	0.24	-6.46	≤ 8.00	Pass
802.11n-HT40	MCS0	03	2422	-13.80	-14.63	90.27	0.44	-10.74	≤ 8.00	Pass
802.11n-HT40	MCS0	06	2437	-11.26	-11.04	90.27	0.44	-7.69	≤ 8.00	Pass
802.11n-HT40	MCS0	09	2452	-13.92	-14.02	90.27	0.44	-10.51	≤ 8.00	Pass
CDD and Beamforming Mode										
802.11ax-HE20	MCS0	01	2412	-10.49	-10.71	97.50	0.11	-7.48	≤ 8.00	Pass
802.11ax-HE20	MCS0	06	2437	-6.82	-6.28	97.50	0.11	-3.42	≤ 8.00	Pass
802.11ax-HE20	MCS0	11	2462	-11.55	-10.31	97.50	0.11	-7.77	≤ 8.00	Pass
802.11ax-HE40	MCS0	03	2422	-15.91	-14.86	95.98	0.18	-12.16	≤ 8.00	Pass
802.11ax-HE40	MCS0	06	2437	-12.86	-11.89	95.98	0.18	-9.16	≤ 8.00	Pass
802.11ax-HE40	MCS0	09	2452	-15.34	-14.63	95.98	0.18	-11.78	≤ 8.00	Pass

Note 1: For 802.11b/g/n/ax, When EUT duty cycle ≤ 98%, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant 0 AVGPDS}/10)} + 10^{(\text{Ant 1 AVGPDS}/10)}\} + 10 \cdot \log (1/\text{Duty Cycle})$.

Note 2: The power setting of Beamforming mode is not greater than CDD mode, so only CDD mode result was shown in this section.

802.11b AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

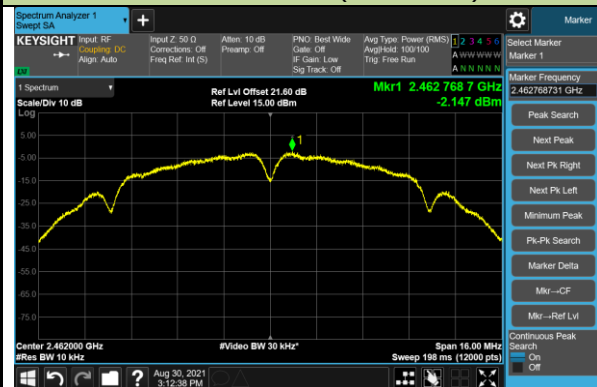
Channel 01 (2412MHz)



Channel 06 (2437MHz)

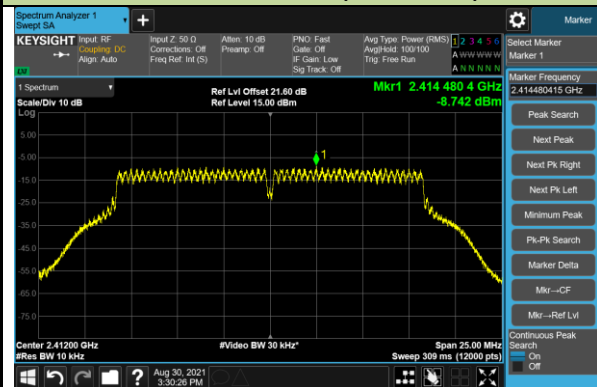


Channel 11 (2462MHz)

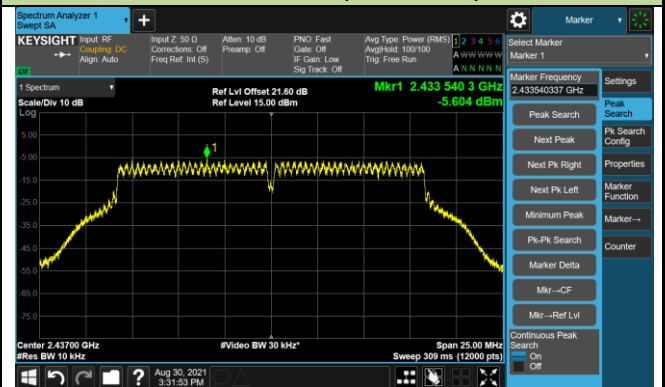


802.11g AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

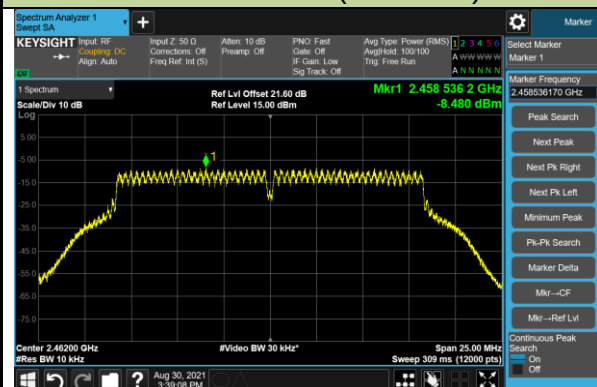
Channel 01 (2412MHz)



Channel 06 (2437MHz)

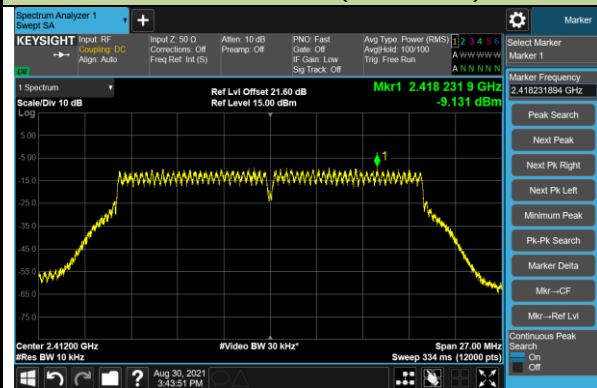


Channel 11 (2462MHz)

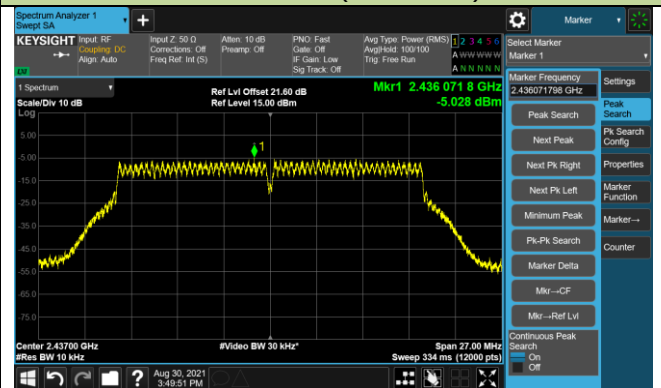


802.11n-HT20 AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

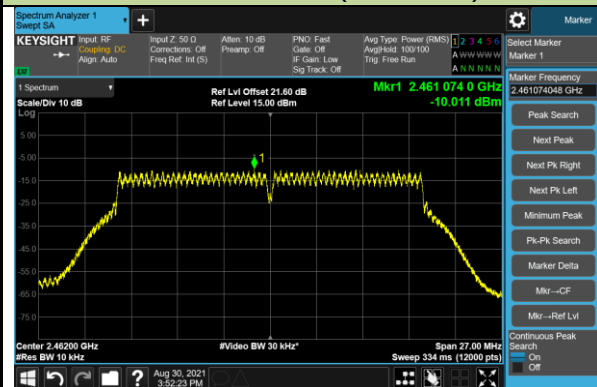
Channel 01 (2412MHz)



Channel 06 (2437MHz)

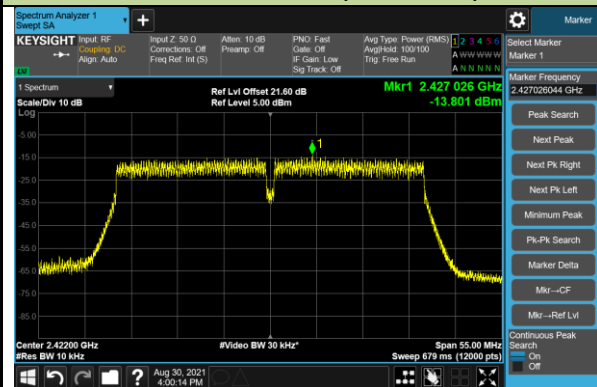


Channel 11 (2462MHz)

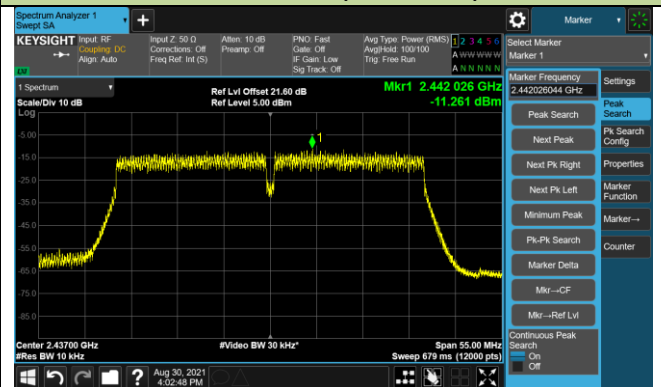


802.11n-HT40 AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

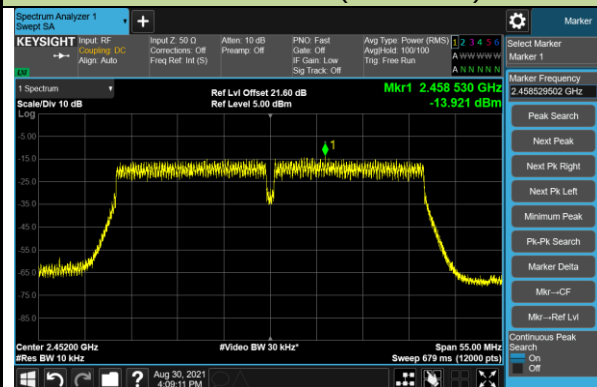
Channel 03 (2422MHz)



Channel 06 (2437MHz)

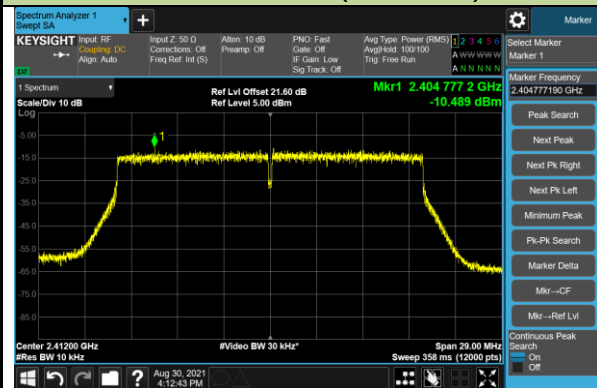


Channel 09 (2452MHz)

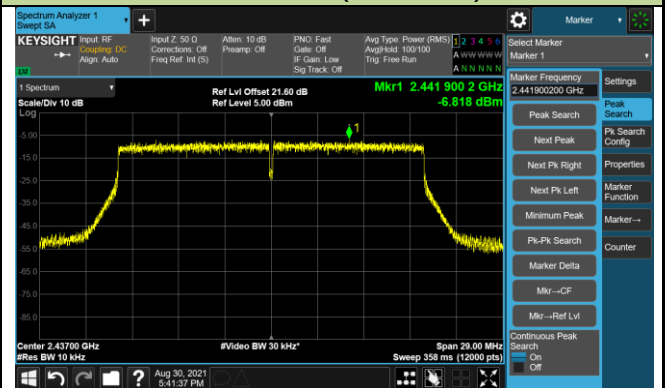


802.11ax-HE20 AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

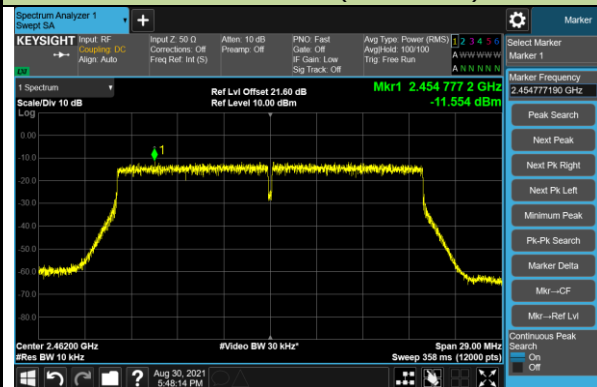
Channel 01 (2412MHz)



Channel 06 (2437MHz)

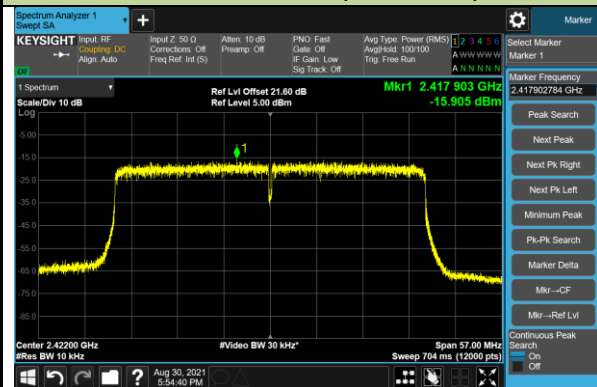


Channel 11 (2462MHz)

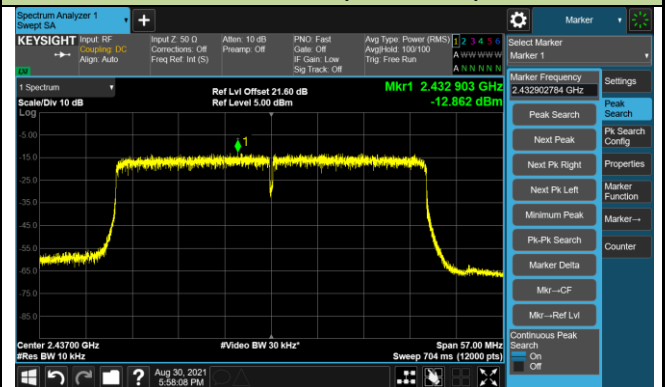


802.11ax-HE40 AVGPSPD - Ant 0 / Ant 0 + 1 - CDD Mode

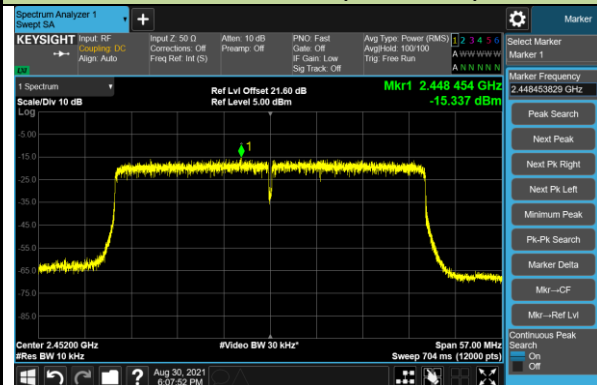
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPSPD - Ant 1 / Ant 0 + 1 - CDD Mode

Channel 01 (2412MHz)



Channel 06 (2437MHz)

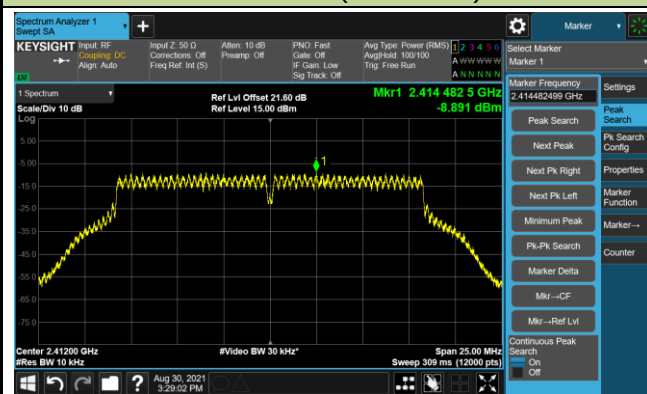


Channel 11 (2462MHz)

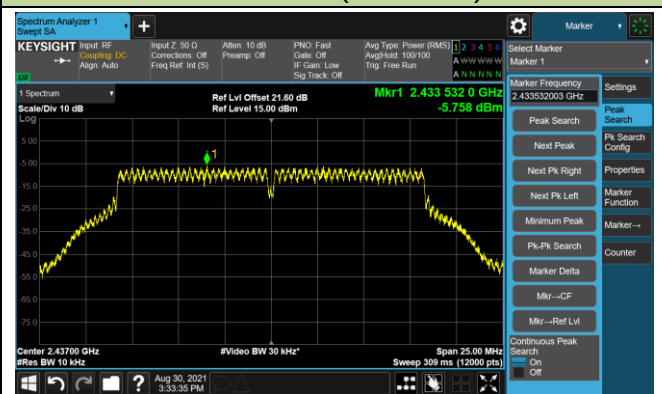


802.11g AVGPSPD - Ant 1 / Ant 0 + 1 - CDD Mode

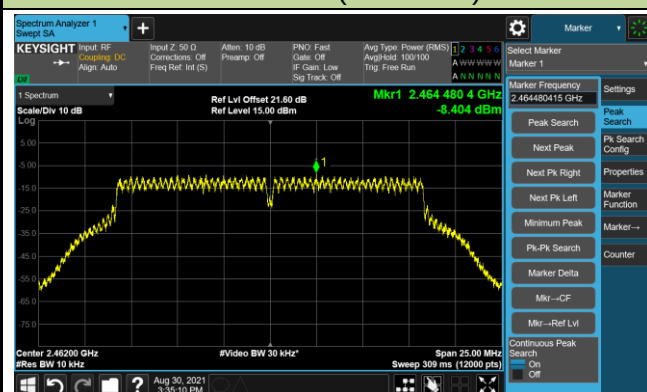
Channel 01 (2412MHz)



Channel 06 (2437MHz)

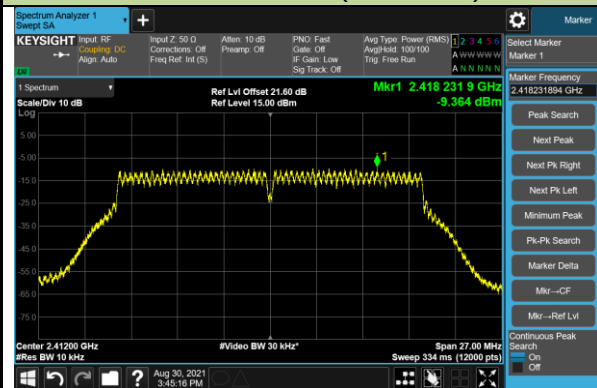


Channel 11 (2462MHz)

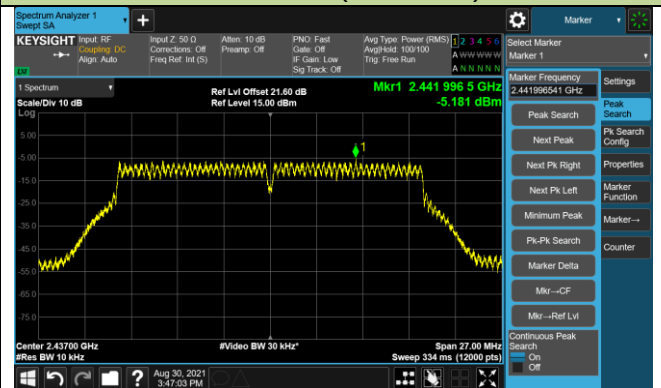


802.11n-HT20 AVGPSPD - Ant 1 / Ant 0 + 1 - CDD Mode

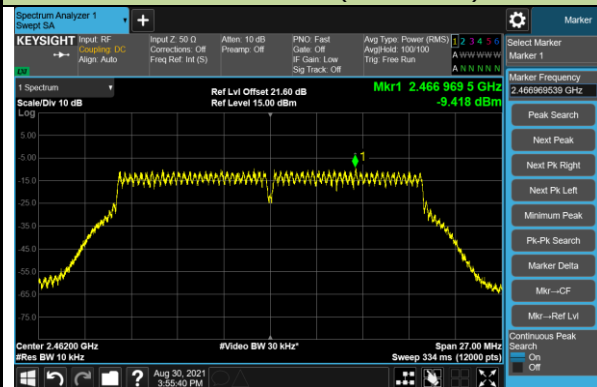
Channel 01 (2412MHz)



Channel 06 (2437MHz)

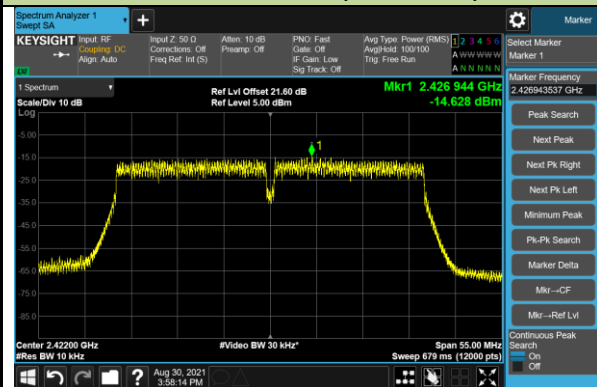


Channel 11 (2462MHz)

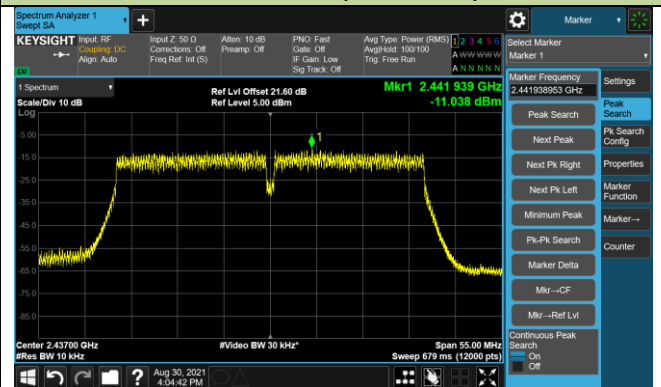


802.11n-HT40 AVGPSPD - Ant 1 / Ant 0 + 1 - CDD Mode

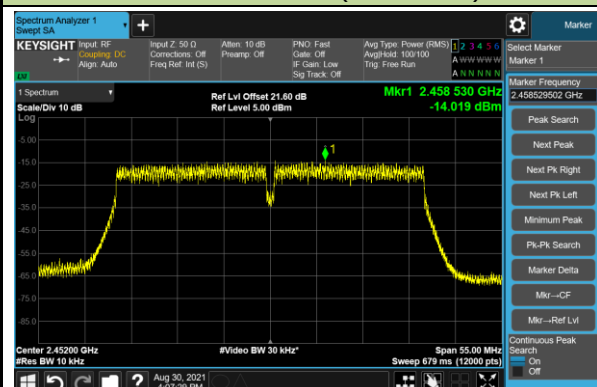
Channel 03 (2422MHz)



Channel 06 (2437MHz)

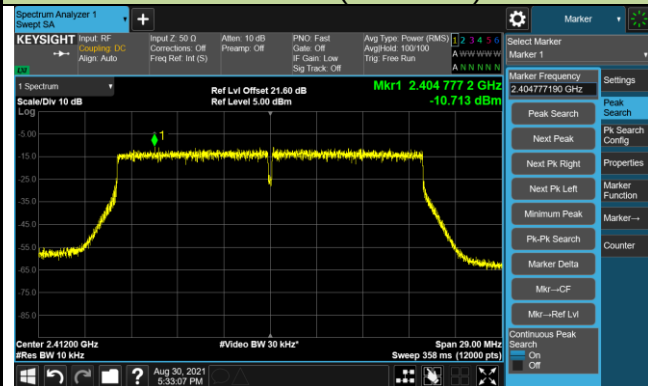


Channel 09 (2452MHz)

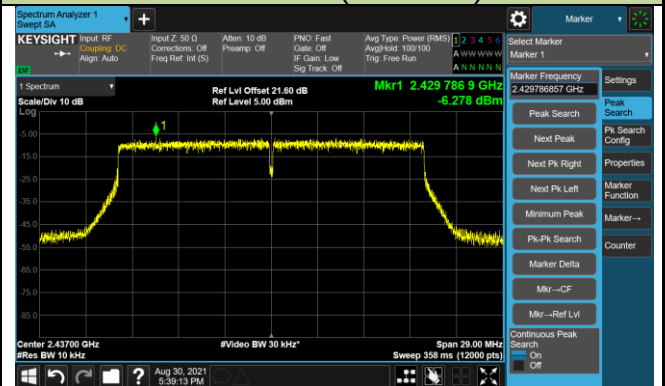


802.11ax-HE20 AVGPDS - Ant 1 / Ant 0 + 1 - CDD Mode

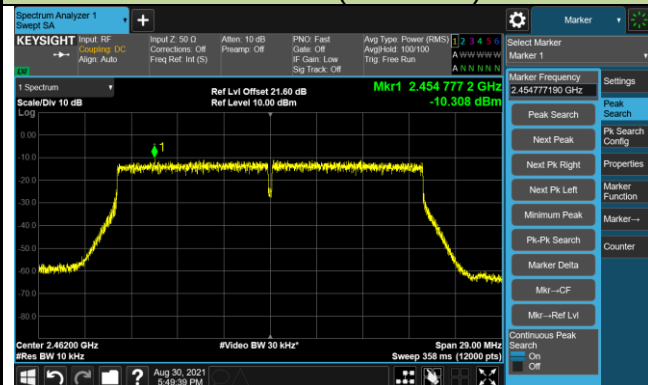
Channel 01 (2412MHz)



Channel 06 (2437MHz)

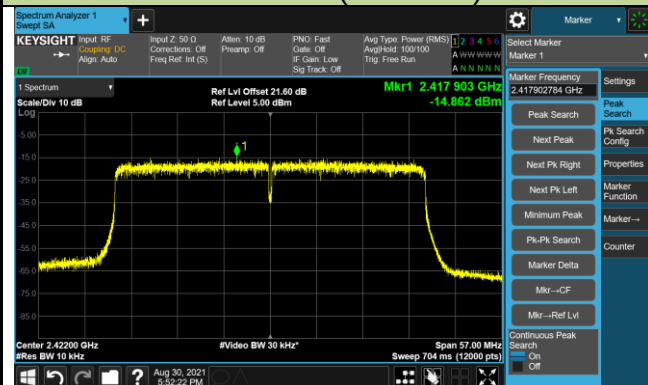


Channel 11 (2462MHz)

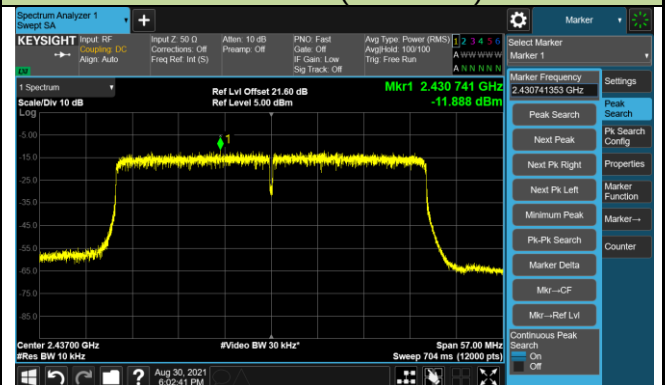


802.11ax-HE40 AVGPDS - Ant 1 / Ant 0 + 1 - CDD Mode

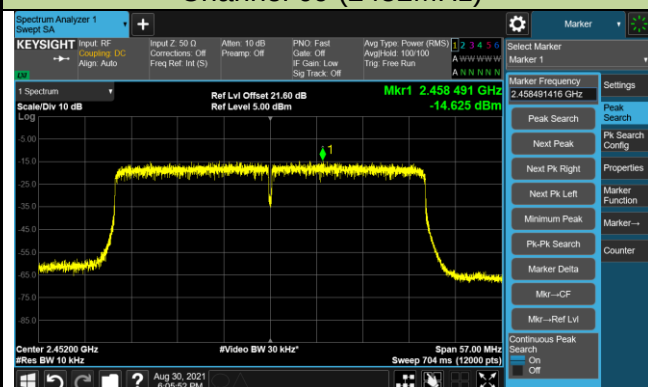
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



The End