

NCC

低功率射頻電機型式試驗報告

產品名稱: AX6600 三頻 Wi-Fi 6 路由器
型號: Archer AX90
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 13 樓
測試標準: LP0002 (107 年版)
參考法規: ANSI C63.10-2013
測試結果: 符合
接收日期: 2020.03.30
測試日期: 2020.03.30 ~ 2020.05.19
發行日期: 2020.06.04

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本測試報告僅對實驗室所受測之樣品負責

本測試報告非經本公司同意不可局部複製使用

修訂紀錄

報告編號	版本	描述	發行日期
2004TW0003-T1	1.0	Original Report	2020-06-04

CONTENTS

Description	Page
1. 一般資訊	5
2. 產品資訊	6
2.1. 待測物裝置資料	6
2.2. 通道清單	7
2.3. 測試模式	7
2.4. 測試系統組合圖	8
2.5. 測試周邊	9
2.6. 待測裝置測試時之典型操作程式	9
3. 量測不確定度	10
4. 測試設備明細	11
5. 測試結果	12
5.1. 電源端點干擾測試	13
5.1.1. 適用標準	13
5.1.2. 量測方法	13
5.1.3. 測試架構圖	13
5.1.4. 電源端點測試結果	14
5.2. 峰值傳導輸出功率	18
5.2.1. 適用標準	18
5.2.2. 量測方法	18
5.2.3. 測試架構圖	18
5.2.4. 峰值傳導輸出功率測試結果	19
5.3. 天線之要求	22
5.3.1. 適用標準	22
5.3.2. 天線樣式	22
5.4. 輻射干擾測試	24
5.4.1. 適用標準	24
5.4.2. 量測方法	24
5.4.3. 測試架構圖	25
5.4.4. 輻射干擾測試結果	26
5.5. 混附發射之 RF 傳導發射	78
5.5.1. 適用標準	78
5.5.2. 量測方法	78
5.5.3. 測試架構圖	78
5.5.4. 混附發射之 RF 傳導發射測試結果	79

5.6.	開放頻帶邊緣之不必要幅射要求.....	92
5.6.1.	適用標準	92
5.6.2.	量測方法	92
5.6.3.	測試架構圖.....	93
5.6.4.	測試結果	94
5.7.	佔用頻道寬度.....	208
5.7.1.	適用標準	208
5.7.2.	量測方法	208
5.7.3.	測試架構圖.....	208
5.7.4.	佔用頻帶寬度測試結果.....	209
5.8.	發射電功率密度	216
5.8.1.	適用標準	216
5.8.2.	量測方法	216
5.8.3.	測試架構圖.....	216
5.8.4.	功率密度量測結果	217

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 13 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	AX6600 三頻 Wi-Fi 6 路由器
產品型號	Archer AX90
待測物額定電壓	AC adapter input
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
傳輸速率	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
配件	
電源供應器	MANUFACTURER: 天寶電子(惠州)有限公司 MODEL: S048CU12000330 INPUT: 100 - 240V ~ 50/60Hz 1.5A Max. OUTPUT: DC 12.0V 3300mA

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

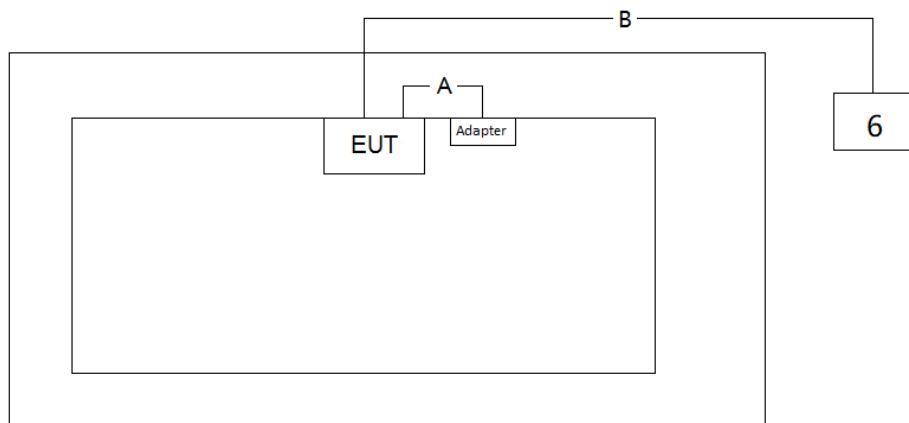
Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

2.3. 測試模式

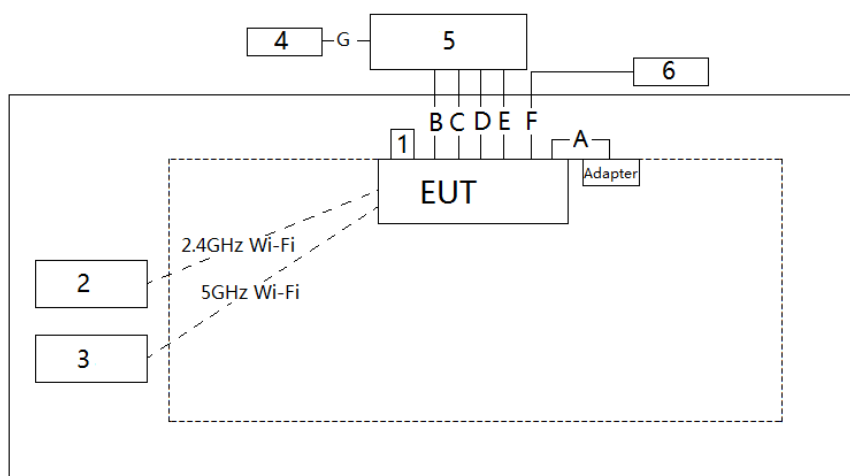
Mode 1: 發射器 802.11b (1Mbps) (CDD mode)
Mode 2: 發射器 802.11g (6Mbps) (CDD mode)
Mode 3: 發射器 802.11n-HT20 (MCS0) (CDD mode)
Mode 4: 發射器 802.11n-HT40 (MCS0) (CDD mode)
Mode 5: 發射器 802.11ax-HE20 (MCS0) (CDD mode)
Mode 6: 發射器 802.11ax-HE40 (MCS0) (CDD mode)
Mode 7: 發射器 802.11ax-HE20 (MCS0) (Beamforming mode)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

2. 4. 測試系統組合圖

Connection Diagram (Mode 1~8)



Connection Diagram (Mode 9)



Signal Cable Type		Signal Cable Description
A	Power Cable	Non-Shielding, 1.5m
B	LAN Cable	Non-Shielding, > 10m
C	LAN Cable	Non-Shielding, > 10m
D	LAN Cable	Non-Shielding, > 10m
E	LAN Cable	Non-Shielding, > 10m
F	LAN Cable	Non-Shielding, > 10m
G	LAN Cable	Non-Shielding, 1.5m

2.5. 測試周邊

Item	周邊	Manufacturer	Model No.	Serial No.	Power Cord
1	USB flash disk	SanDisk	CZ48	N/A	N/A
2	Mobile Phone	OPPO	X9009	N/A	N/A
3	Mobile Phone	Apple	A1660	N/A	N/A
4	Notebook	Lenovo	E430C	N/A	Non-Shielded, 1.8m
5	Switch	tp-link	TL-SG5428	N/A	N/A
6	Notebook	Lenovo	X230i	N/A	Non-Shielded, 1.8m

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

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

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2021/03/26
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2021/04/24
EMI Test Receiver	R&S	ESR3	MRTTWA00045	1 year	2020/05/29

Radiated Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2020/06/04
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2020/04/27
Broadband Hornantenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2020/04/24
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2020/04/24
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2020/04/24
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2020/04/24
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2021/03/24
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2021/03/25
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2020/10/02
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2020/07/11
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2021/06/16

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2021/04/24
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2020/10/02
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2020/07/11
Temperature & Humidity Chamber	TEN BILLION	TTH-B3UP	MRTTWA00036	1 year	2020/06/10

Software	Version	Function
e3	V9	EMI Test Software
EMI	V3	EMI Test Software

5. 測試結果

產品名稱 AX6600 三頻 Wi-Fi 6 路由器
型號 Archer AX90

章節	量測項目	限制值	測試結果	測試數據
2.3	電源傳導	低功率射頻電機技術規範 2.3 節	符合	第 5.1 章節
3.10.1.2	峰值傳導輸出功率	$\leq 30.00\text{dBm}$	符合	第 5.2 章節
3.10.1.3	天線之要求	低功率射頻電機技術規範 3.10.1.3 節	符合	第 5.3 章節
3.10.1.5	帶外發射限制	$\leq 30\text{dBc(Average)}$	符合	第 5.4 章節
2.7	輻射電場強度	低功率射頻電機技術規範 2.8 節	符合	第 5.5 章節
2.7	頻帶邊緣	$\leq 74\text{dBuV/m(Peak)}$ $\leq 54\text{dBuV/m(Average)}$	符合	第 5.6 章節
3.10.1.6(2)(A)	佔用頻寬	$\geq 500\text{kHz}$	符合	第 5.7 章節
3.10.1.6(2)(B)	功率頻譜密度	$\leq 8\text{dBm}$	符合	第 5.8 章節

備註：符合性的判定是基於測試結果符合規範的限制值或客戶的宣告要求，測試結果的判定是不考慮測量不確定度的值。

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電機技術規範之第 2.3 節，以市電為電源之低功率射頻電機，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

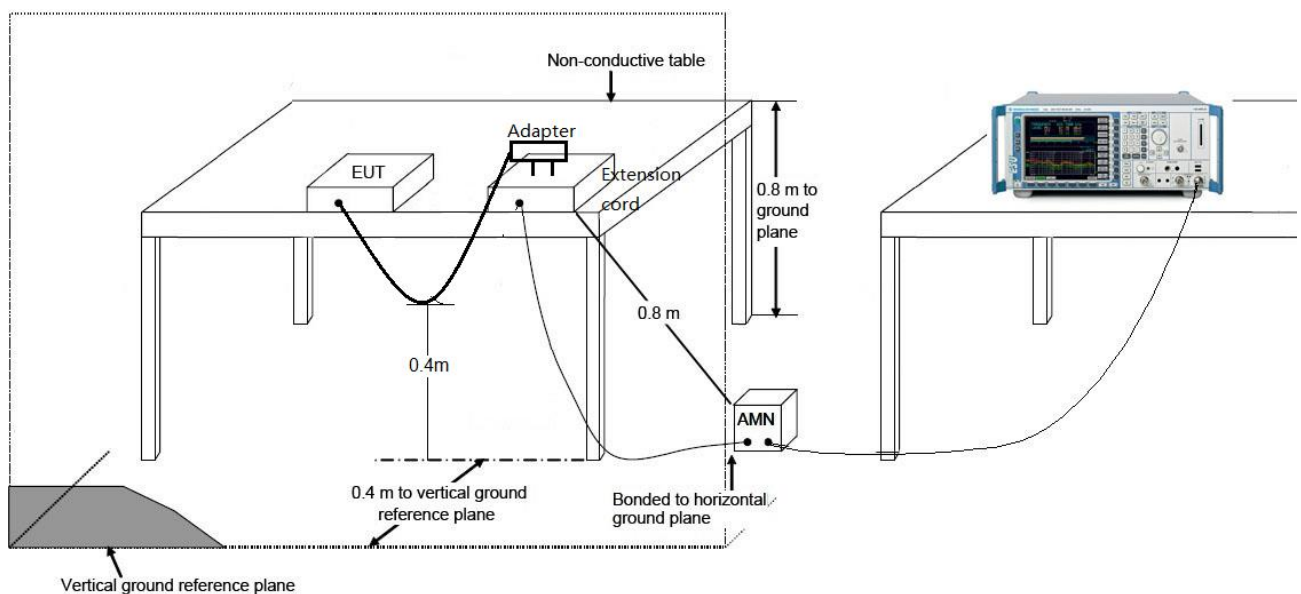
註:隨頻率之對數遞減

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。

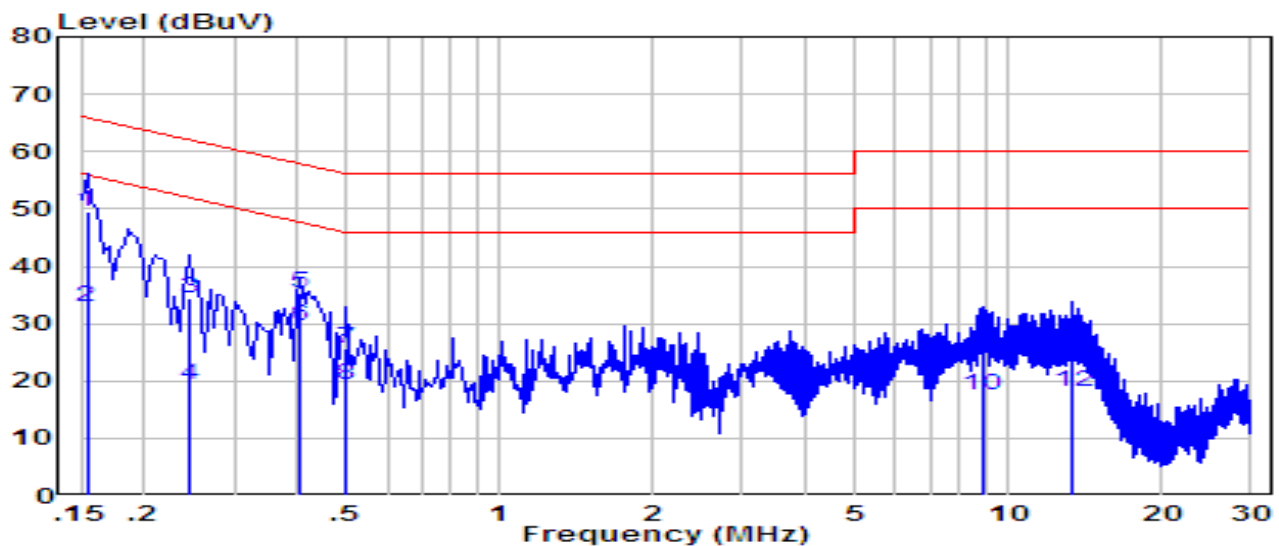
備 註: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

5.1.3. 測試架構圖



5.1.4. 電源端點測試結果

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-13
Factor	CE_ENV216-L1 (Filter ON)_2020	Temp. / Humidity	22.4°C /45.6%
Polarity	Line1	Site / Test Engineer	SR2 / Peter Xu
Test Mode	1	Test Voltage	110V/60Hz

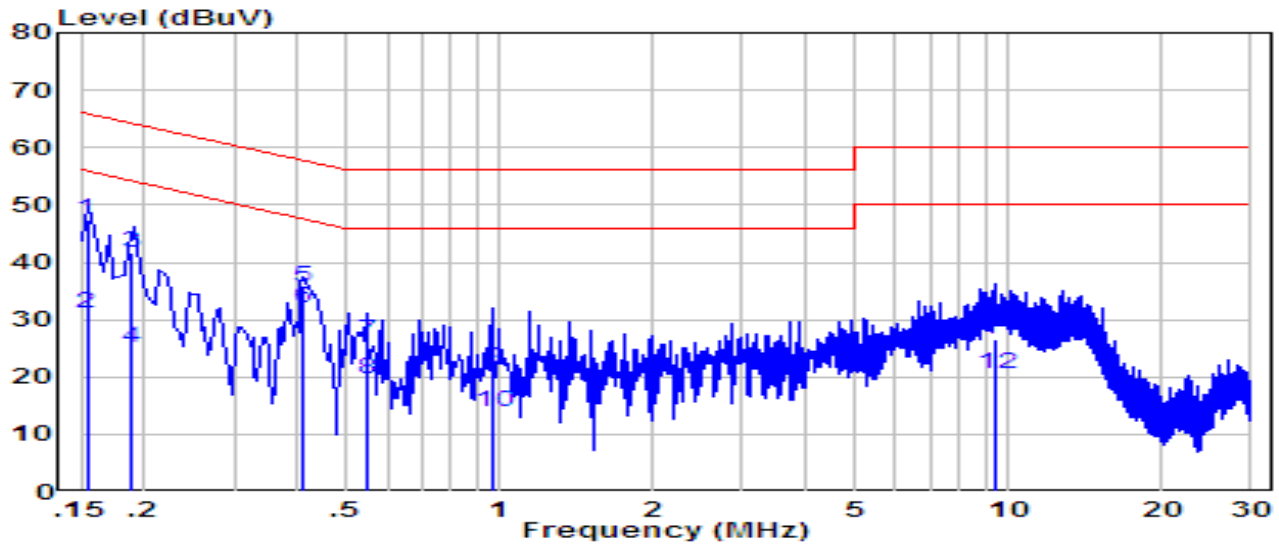


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.154	39.86	9.60	49.46	-16.32	65.78	QP
2		0.154	23.16	9.60	32.76	-23.02	55.78	Average
3		0.245	24.80	9.61	34.41	-27.51	61.92	QP
4		0.245	9.80	9.61	19.41	-32.51	51.92	Average
5		0.405	25.84	9.60	35.44	-22.31	57.75	QP
6		0.405	20.04	9.60	29.64	-18.11	47.75	Average
7		0.498	16.06	9.60	25.66	-30.37	56.03	QP
8		0.498	9.86	9.60	19.46	-26.57	46.03	Average
9		8.870	14.84	9.84	24.68	-35.32	60.00	QP
10		8.870	7.64	9.84	17.48	-32.52	50.00	Average
11		13.380	13.41	9.92	23.32	-36.68	60.00	QP
12		13.380	8.31	9.92	18.22	-31.78	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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-13
Factor	CE_ENV216-N (Filter ON)_2020	Temp. / Humidity	22.4°C /45.6%
Polarity	Neutral	Site / Test Engineer	SR2 / Peter Xu
Test Mode	1	Test Voltage	110V/60Hz

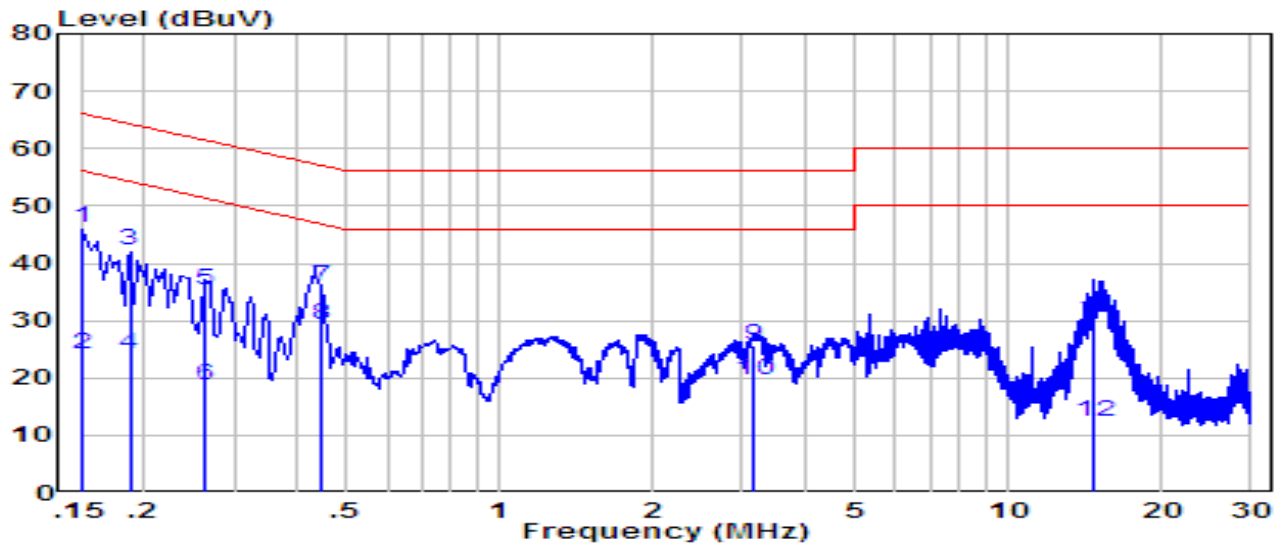


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.154	37.92	9.62	47.53	-18.25	65.78	QP
2	0.154	21.42	9.62	31.03	-24.75	55.78	Average
3	0.189	31.93	9.61	41.53	-22.55	64.08	QP
4	0.189	15.43	9.61	25.03	-29.05	54.08	Average
5	0.410	25.95	9.61	35.57	-22.08	57.65	QP
6	* 0.410	22.35	9.61	31.97	-15.68	47.65	Average
7	0.546	16.75	9.61	26.37	-29.63	56.00	QP
8	0.546	10.15	9.61	19.77	-26.23	46.00	Average
9	0.970	11.66	9.66	21.31	-34.69	56.00	QP
10	0.970	4.26	9.66	13.91	-32.09	46.00	Average
11	9.490	16.79	9.87	26.66	-33.34	60.00	QP
12	9.490	10.69	9.87	20.56	-29.44	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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-07
Factor	CE_ENV216-L1 (Filter ON)_2020	Temp. / Humidity	22.4°C / 45.6%%
Polarity	Line1	Site / Test Engineer	SR2 / Fran
Test Mode	Normal operation	Test Voltage	110V/60Hz

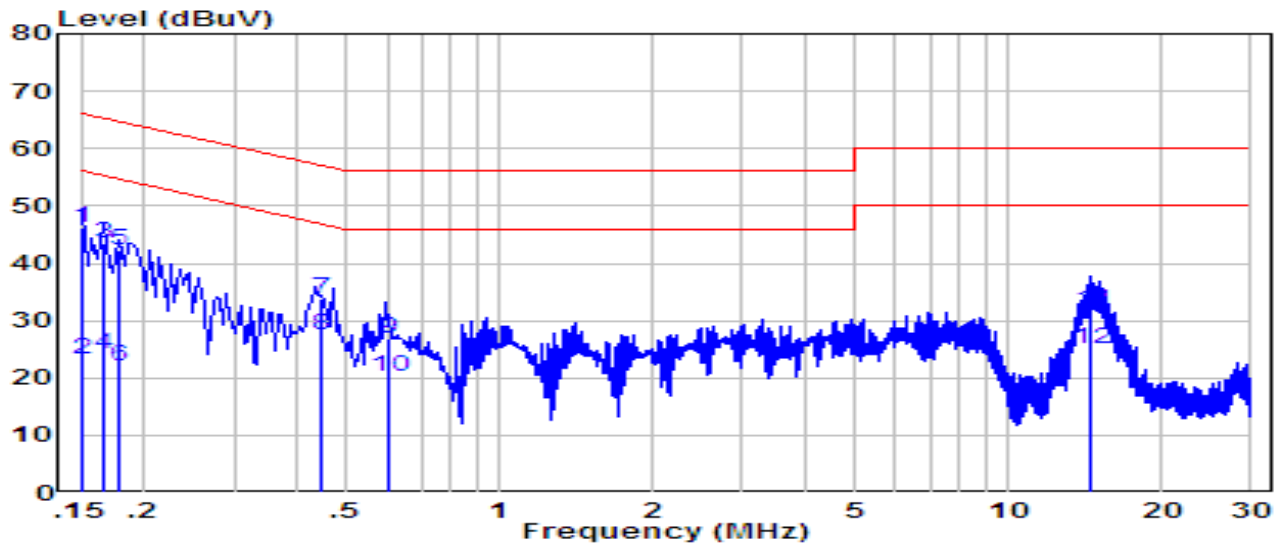


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.150	36.55	9.61	46.16	-19.84	66.00	QP
2	0.150	14.65	9.61	24.26	-31.74	56.00	Average
3	0.187	32.70	9.58	42.28	-21.89	64.17	QP
4	0.187	14.60	9.58	24.18	-29.99	54.17	Average
5	0.262	25.70	9.61	35.31	-26.06	61.37	QP
6	0.262	9.00	9.61	18.61	-32.76	51.37	Average
7	0.445	26.25	9.60	35.85	-21.12	56.97	QP
8	* 0.445	19.65	9.60	29.25	-17.72	46.97	Average
9	3.171	16.07	9.71	25.78	-30.22	56.00	QP
10	3.171	9.87	9.71	19.58	-26.42	46.00	Average
11	14.760	20.27	9.94	30.21	-29.79	60.00	QP
12	14.760	2.46	9.94	12.40	-37.60	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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-15
Factor	CE_ENV216-N (Filter ON)_2020	Temp. / Humidity	22.4°C / 45.6%%
Polarity	Neutral	Site / Test Engineer	SR2 / Fran
Test Mode	Normal operation	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.150	36.51	9.62	46.13	-19.87	66.00	QP
2	0.150	13.51	9.62	23.13	-32.87	56.00	Average
3	0.166	33.72	9.61	43.33	-21.83	65.16	QP
4	0.166	14.52	9.61	24.13	-31.03	55.16	Average
5	0.178	32.63	9.60	42.23	-22.35	64.58	QP
6	0.178	12.51	9.60	22.11	-32.47	54.58	Average
7	0.445	24.26	9.61	33.87	-23.10	56.97	QP
8	* 0.445	17.96	9.61	27.57	-19.40	46.97	Average
9	0.605	17.35	9.62	26.97	-29.03	56.00	QP
10	0.605	10.65	9.62	20.27	-25.73	46.00	Average
11	14.590	21.81	9.96	31.77	-28.23	60.00	QP
12	14.590	15.11	9.96	25.07	-24.93	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電機技術規範之第 3.10.1.2(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電機技術規範之第 3.10.1.3 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 3.10.1.2 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。

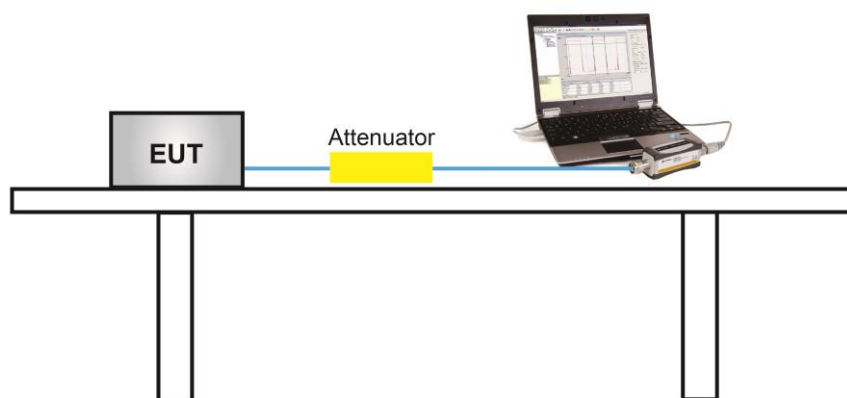
同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加 8 dB。方向性增益值計算同(a)。

(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	AX6600 三頻 Wi-Fi 6 路由器	溫度	25°C
測試工程師	Fran	濕度	56%
測試場地	SR1	測試日期	2020/04/13 ~ 2019/04/17
測試項目	Output Power	Test Mode	CDD Mode

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
802.11b	1Mbps	01	2412	26.19	26.22	29.22	≤ 30.00	Pass
802.11b	1Mbps	06	2437	26.11	26.12	29.13	≤ 30.00	Pass
802.11b	1Mbps	11	2462	25.87	26.01	28.95	≤ 30.00	Pass
802.11g	6Mbps	01	2412	22.16	22.62	25.41	≤ 30.00	Pass
802.11g	6Mbps	02	2417	22.98	23.37	26.19	≤ 30.00	Pass
802.11g	6Mbps	03	2422	23.52	23.98	26.77	≤ 30.00	Pass
802.11g	6Mbps	06	2437	25.51	25.84	28.69	≤ 30.00	Pass
802.11g	6Mbps	09	2452	23.91	24.18	27.06	≤ 30.00	Pass
802.11g	6Mbps	10	2457	22.90	23.48	26.21	≤ 30.00	Pass
802.11g	6Mbps	11	2462	21.21	21.89	24.57	≤ 30.00	Pass
802.11n-HT20	MCS0	01	2412	23.02	23.34	26.19	≤ 30.00	Pass
802.11n-HT20	MCS0	02	2417	23.86	24.28	27.09	≤ 30.00	Pass
802.11n-HT20	MCS0	06	2437	25.41	25.74	28.59	≤ 30.00	Pass
802.11n-HT20	MCS0	10	2457	23.73	24.11	26.93	≤ 30.00	Pass
802.11n-HT20	MCS0	11	2462	20.84	21.38	24.13	≤ 30.00	Pass
802.11n-HT40	MCS0	03	2422	21.21	21.36	24.30	≤ 30.00	Pass
802.11n-HT40	MCS0	06	2437	23.01	23.37	26.20	≤ 30.00	Pass
802.11n-HT40	MCS0	08	2447	20.00	20.46	23.25	≤ 30.00	Pass
802.11n-HT40	MCS0	09	2452	19.53	20.00	22.78	≤ 30.00	Pass
802.11ax-HE20	MCS0	01	2412	20.76	21.15	23.97	≤ 30.00	Pass
802.11ax-HE20	MCS0	02	2417	23.48	23.84	26.67	≤ 30.00	Pass
802.11ax-HE20	MCS0	03	2422	24.17	24.50	27.35	≤ 30.00	Pass
802.11ax-HE20	MCS0	06	2437	25.87	26.15	29.02	≤ 30.00	Pass
802.11ax-HE20	MCS0	09	2452	23.71	24.36	27.06	≤ 30.00	Pass
802.11ax-HE20	MCS0	10	2457	21.29	21.72	24.52	≤ 30.00	Pass
802.11ax-HE20	MCS0	11	2462	19.88	20.53	23.23	≤ 30.00	Pass

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
802.11ax-HE40	MCS0	03	2422	21.21	21.48	24.36	≤ 30.00	Pass
802.11ax-HE40	MCS0	06	2437	22.48	22.98	25.75	≤ 30.00	Pass
802.11ax-HE40	MCS0	09	2452	19.64	20.32	23.00	≤ 30.00	Pass

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

待測物名稱	AX6600 三頻 Wi-Fi 6 路由器	溫度	25°C
測試工程師	Fran	濕度	56%
測試場地	SR1	測試日期	2020/04/13 ~ 2019/04/17
測試項目	Output Power	Test Mode	Beamforming Mode

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
11ax-HE20	MCS0	01	2412	16.63	16.48	19.57	≤ 29.47	Pass
11ax-HE20	MCS0	06	2437	20.65	20.91	23.79	≤ 29.47	Pass
11ax-HE20	MCS0	11	2462	14.29	14.71	17.52	≤ 29.47	Pass
11ax-HE40	MCS0	03	2422	14.45	14.79	17.63	≤ 29.47	Pass
11ax-HE40	MCS0	06	2437	16.67	17.16	19.93	≤ 29.47	Pass
11ax-HE40	MCS0	09	2452	13.70	14.20	16.97	≤ 29.47	Pass

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

Note 2: Beamforming mode, power limit (dBm) = 30 - (6.53 - 6) = 29.47dBm

5.3. 天線之要求

5.3.1. 適用標準

低功率射頻電機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AX6600 三頻Wi-Fi 6 路由器其天線為固定式Monopole Antenna (MFR: TP-LINK TECHNOLOGIES CO., LTD.), 使用i-PEX特殊接頭，(檢附天線規格書)

Antenna Type	Frequency Band (MHz)	Tx Paths	Number of spatial streams	Max Antenna Gain (dBi)	Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
						For Power	For PSD
Monopole Antenna	2412 ~ 2462	2	1	3.52	6.53	3.52	6.53
	5150 ~ 5250	2	1	3.54	6.55	3.54	6.55
	5470 ~ 5725	4	1	3.20	9.22	3.20	9.22
		4	2	3.20	--	3.20	6.21
	5725 ~ 5850	4	1	3.20	9.22	3.20	9.22

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.

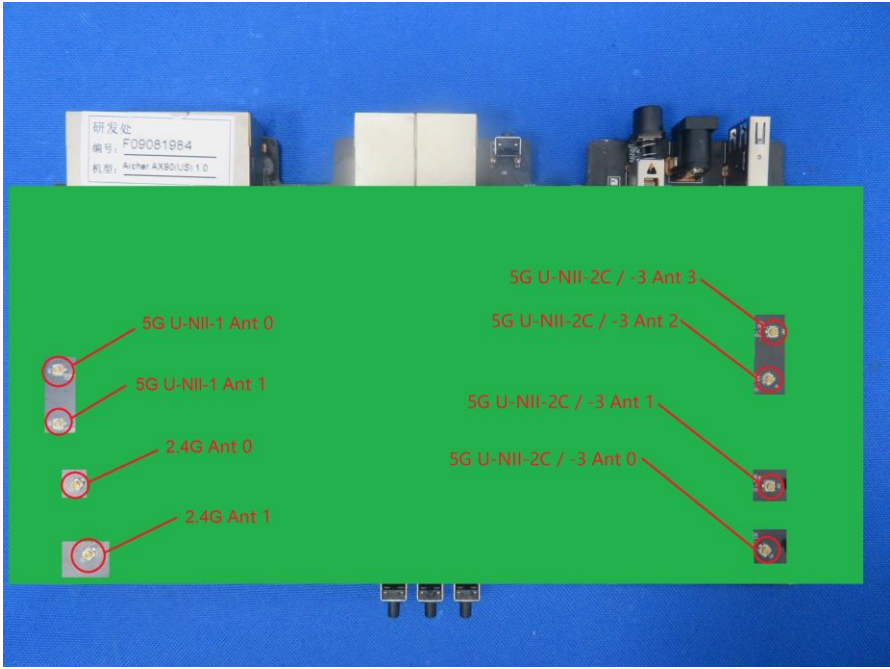
- For power spectral density (PSD) measurements on all devices,

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 = $G_{ANT} + 10 \log (N_{ANT})$.

Antenna RF Port								
Software Control Port	2.4GHz RF Port		5GHz RF Port					
			U-NII - 1		U-NII - 2C / -3			
	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 2	Ant 3
								

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電機技術規範之第 3.10.1.5 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電機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電機技術規範 3.10.1(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 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

依據國家通訊傳播委員會低功率射頻電機技術規範之第 2.8 節，低功率射頻電機，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(兆赫)	電場強度(微伏/公尺)	測距(公尺)
0.009 - 0.490(含)	2,400/頻率(千赫)	300
0.490 (不含) - 1.705 (含)	24,000/頻率(千赫)	30
1.705(不含) - 30 (不含)	30	30
30 (含) - 88 (含)	100	3
88 (不含) - 216 (含)	150	3
216 (不含) - 960 (含)	200	3
960 (不含)以上	500	3

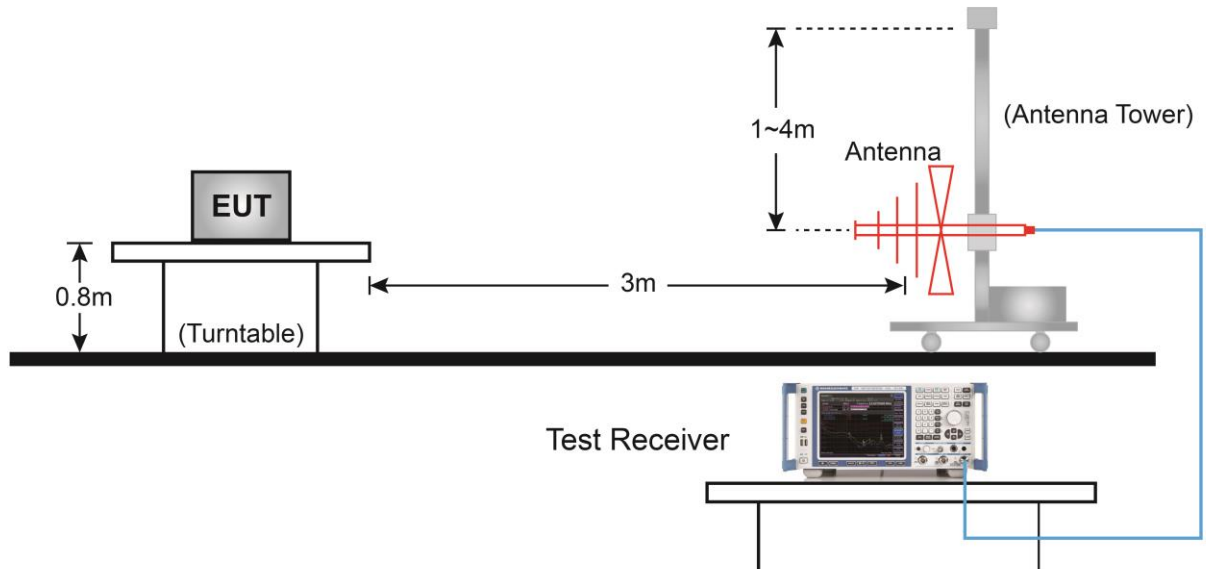
上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz)以上之發射，其量測以平均值檢波器為基準，且須符合第 5.14 節之規定；其他頻率之發射，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時須符合第 5.5 節之規定，而輻射發射之量測頻率範圍須符合第 5.12 節之規定。

5.4.2. 量測方法

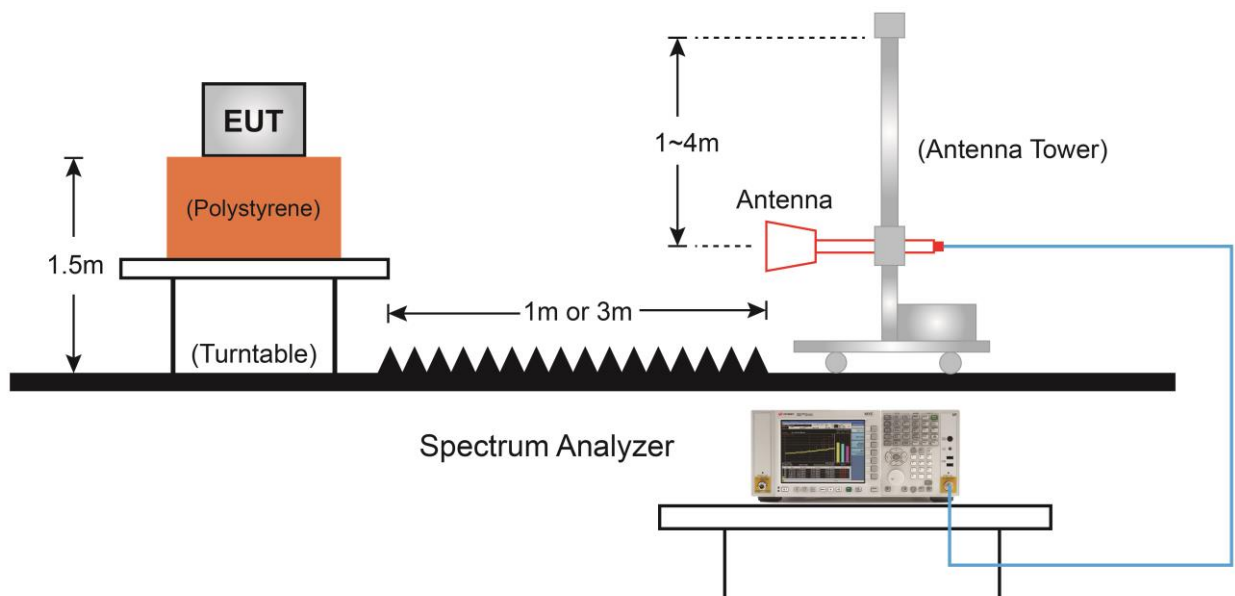
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。（待測物擺設方式根據 ANSI C63.10-2013 版本，待測物放置桌中心，1G 以下擺設高度為 80cm/1G 以上擺設高度為 150cm）

5.4.3. 測試架構圖

Below 1GHz Test Setup:

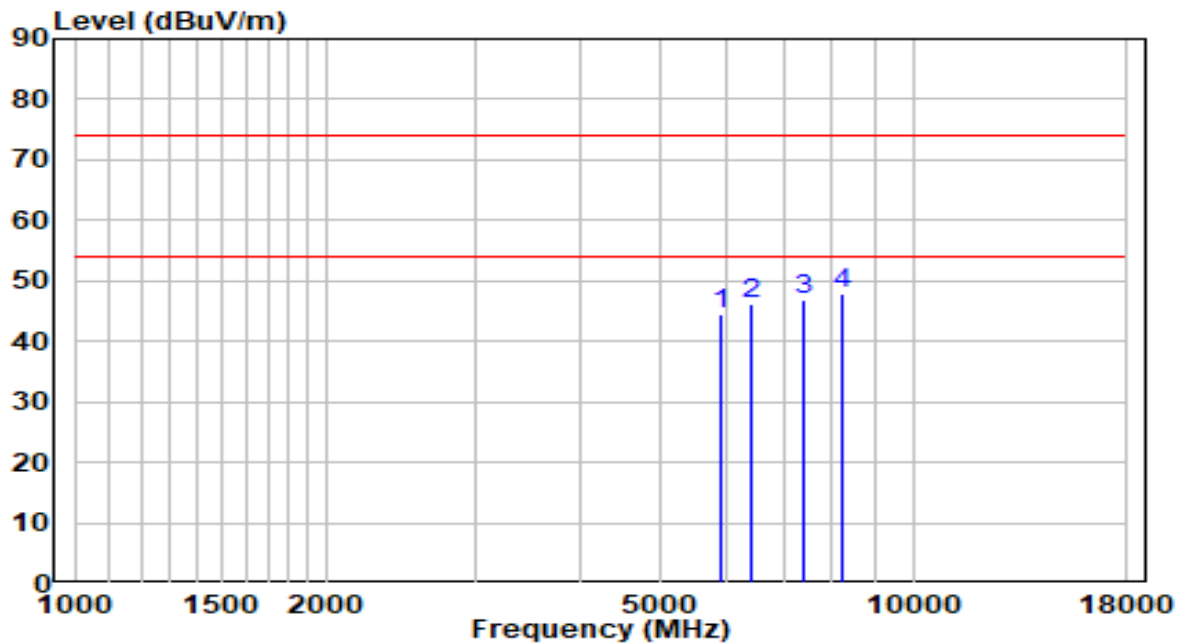


Above 1GHz Test Setup:



5.4.4. 輻射干擾測試結果

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

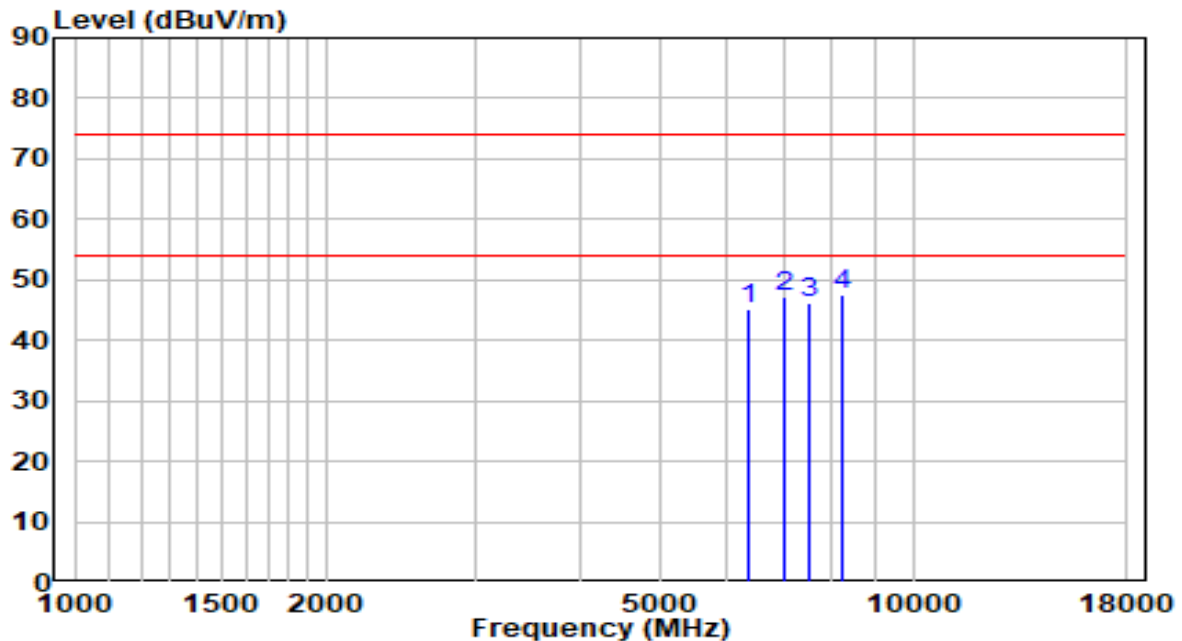


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	5913.000	38.93	5.46	44.39	-29.61	74.00	Peak
2	* 6431.500	38.85	7.43	46.28	-27.72	74.00	Peak
3	7409.000	35.23	11.51	46.74	-27.26	74.00	Peak
4	* 8250.500	35.53	12.34	47.87	-26.13	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

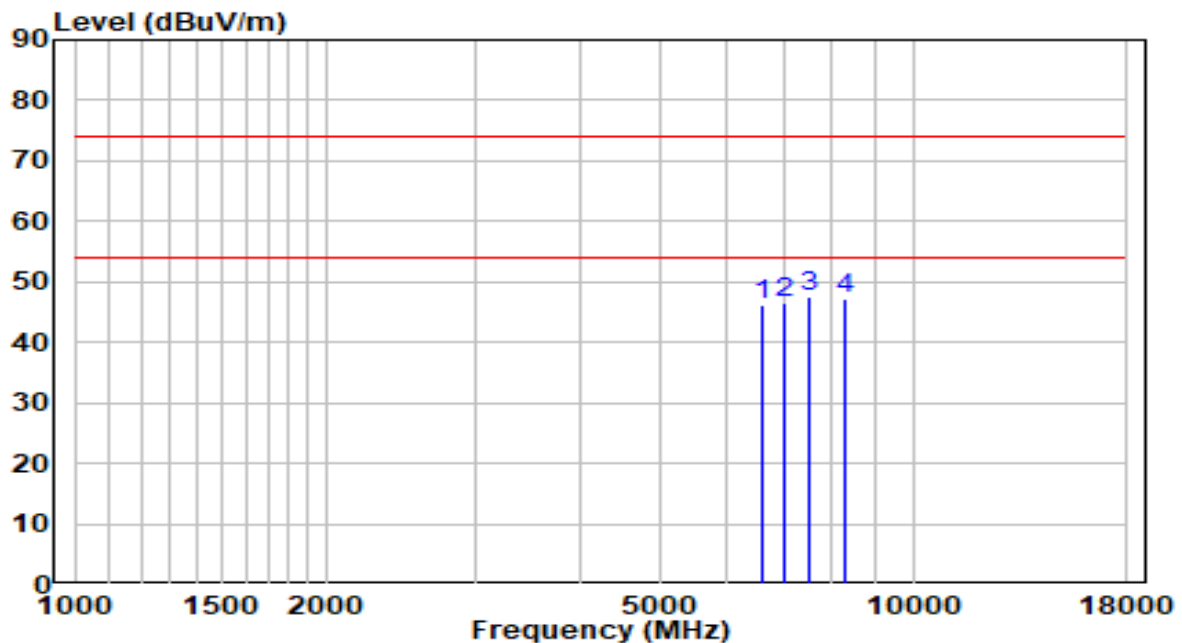


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6355.000	37.96	7.14	45.10	-28.90	74.00	Peak
2	* 7009.500	36.67	10.62	47.29	-26.71	74.00	Peak
3	7511.000	34.51	11.73	46.24	-27.76	74.00	Peak
4	* 8250.500	35.22	12.34	47.56	-26.44	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

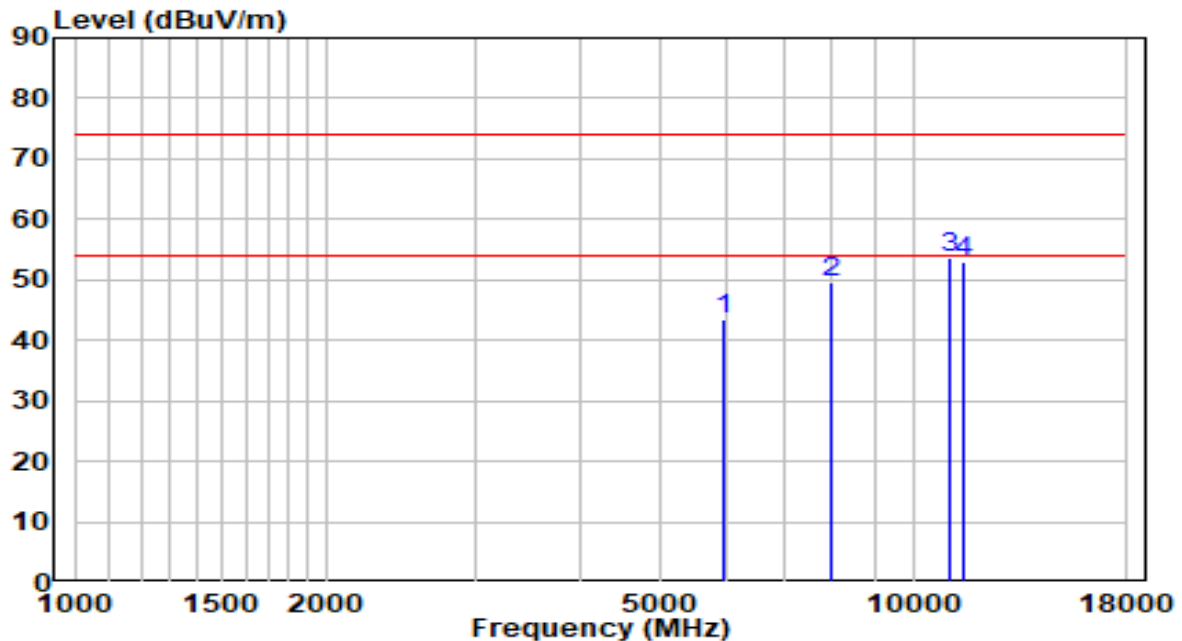


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6584.500	37.85	8.19	46.04	-27.96	74.00	Peak
2	* 7018.000	35.95	10.64	46.59	-27.41	74.00	Peak
3	* 7536.500	35.72	11.75	47.47	-26.53	74.00	Peak
4	8310.000	34.67	12.37	47.04	-26.96	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

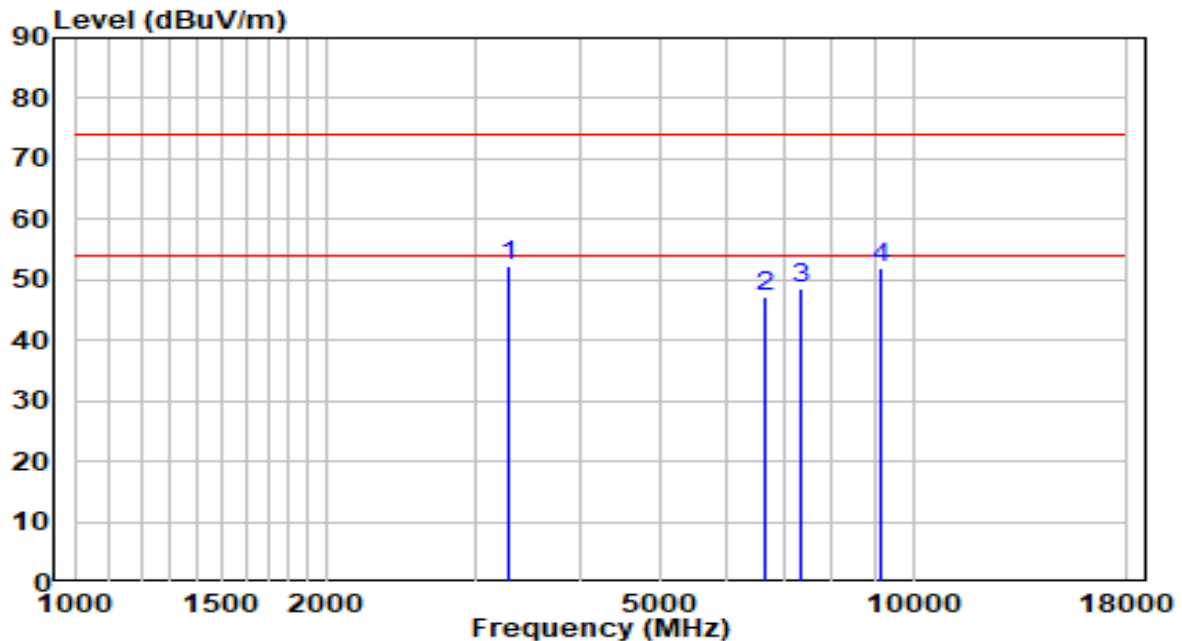


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5947.000	38.02	5.59	43.61	-30.39	74.00	Peak
2	* 7978.500	37.43	12.21	49.64	-24.36	74.00	Peak
3	* 11055.500	36.18	17.63	53.81	-20.19	74.00	Peak
4	11480.500	34.79	18.03	52.82	-21.18	74.00	Peak

Note:

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

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

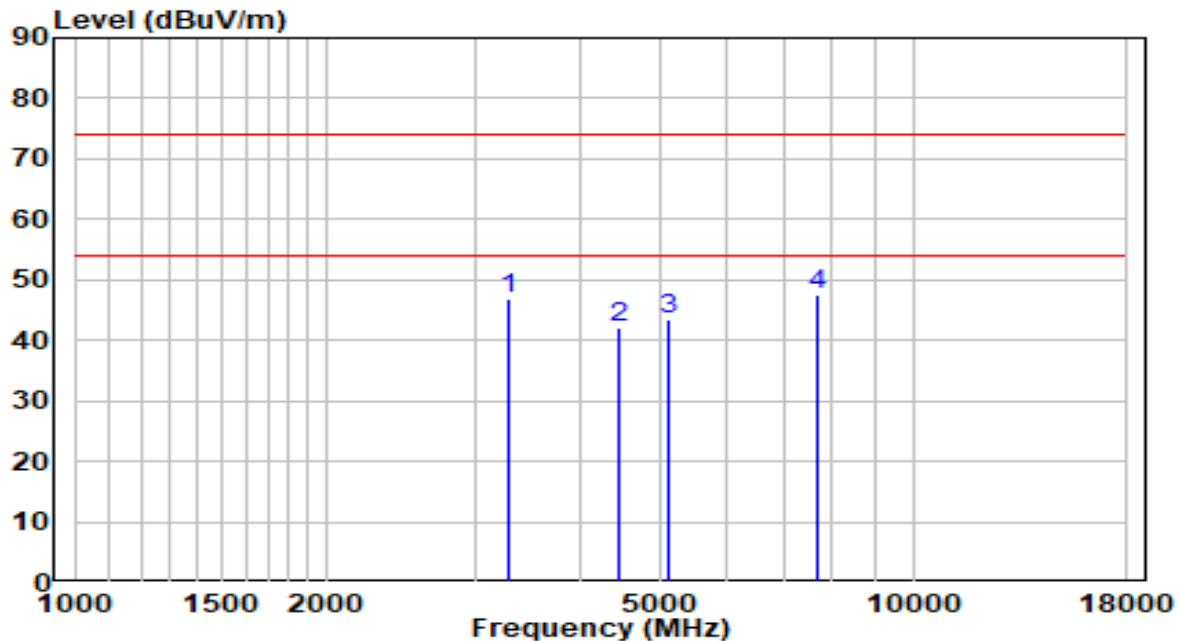


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	54.32	-1.96	52.36	-21.64	74.00	Peak
2		6661.000	38.45	8.63	47.08	-26.92	74.00	Peak
3		7341.000	37.15	11.36	48.51	-25.49	74.00	Peak
4		9126.000	38.38	13.74	52.12	-21.88	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

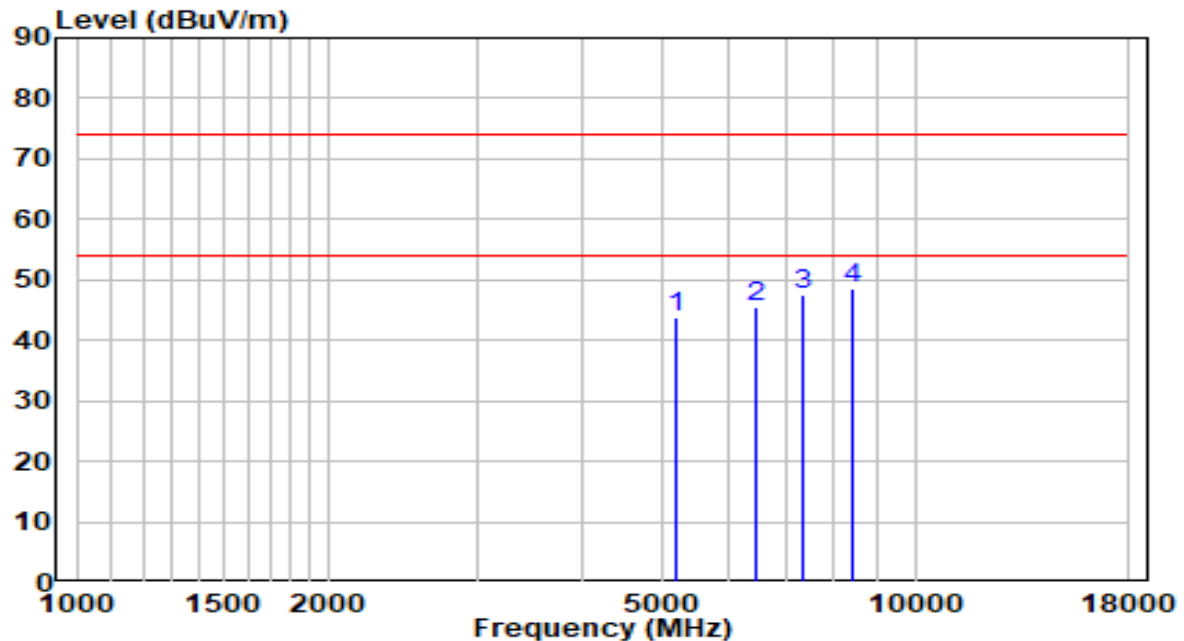


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	48.71	-1.96	46.75	-27.25	74.00	Peak
2		4468.000	39.62	2.39	42.01	-31.99	74.00	Peak
3		5122.500	39.76	3.63	43.39	-30.61	74.00	Peak
4	*	7698.000	35.73	11.92	47.64	-26.36	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

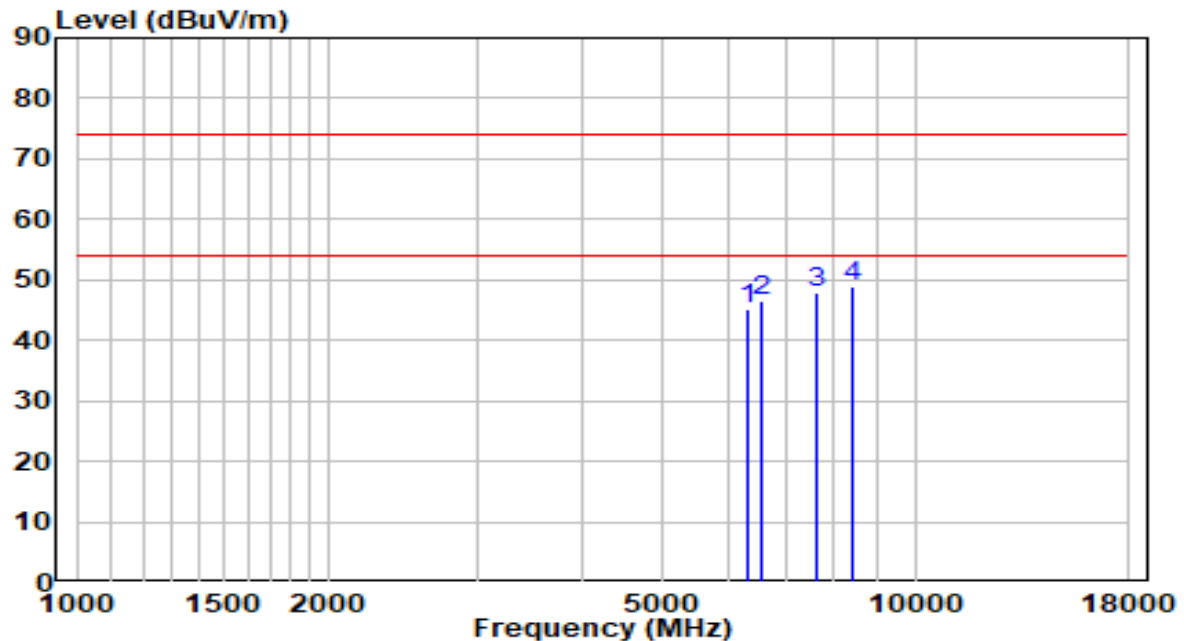


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5173.500	40.09	3.66	43.75	-30.25	74.00	Peak
2	* 6440.000	37.95	7.47	45.42	-28.58	74.00	Peak
3	7341.000	36.16	11.36	47.52	-26.48	74.00	Peak
4	* 8403.500	36.02	12.41	48.43	-25.57	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

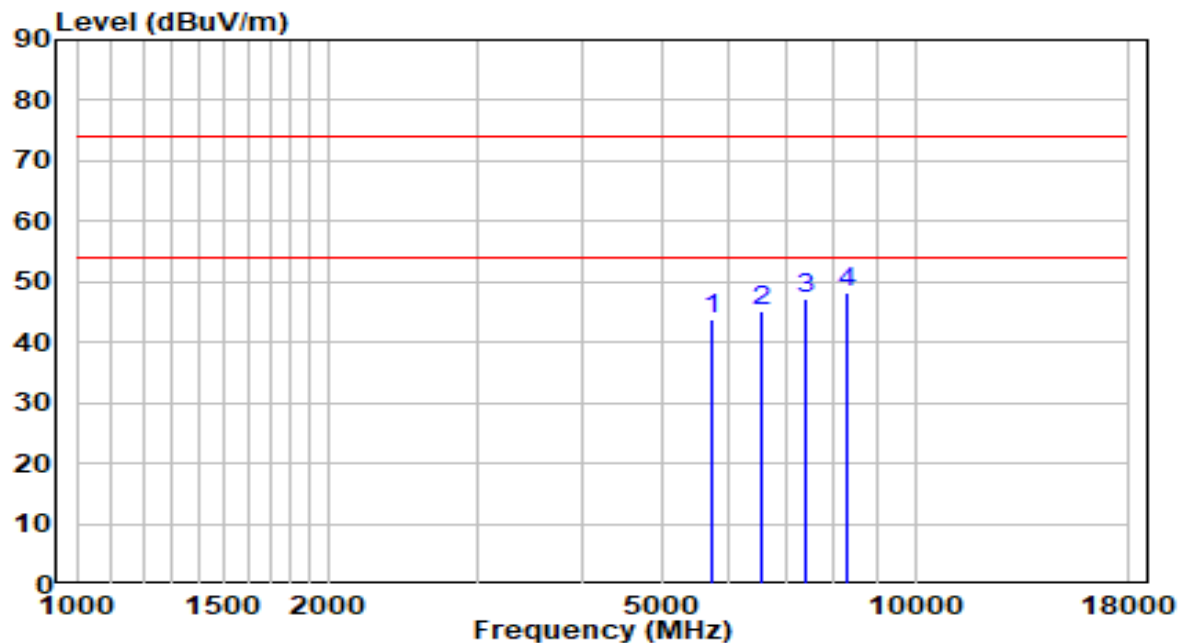


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6321.000	38.06	7.01	45.07	-28.93	74.00	Peak
2	* 6576.000	38.27	8.14	46.41	-27.59	74.00	Peak
3	7630.000	35.95	11.85	47.80	-26.20	74.00	Peak
4	* 8429.000	36.36	12.42	48.78	-25.22	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

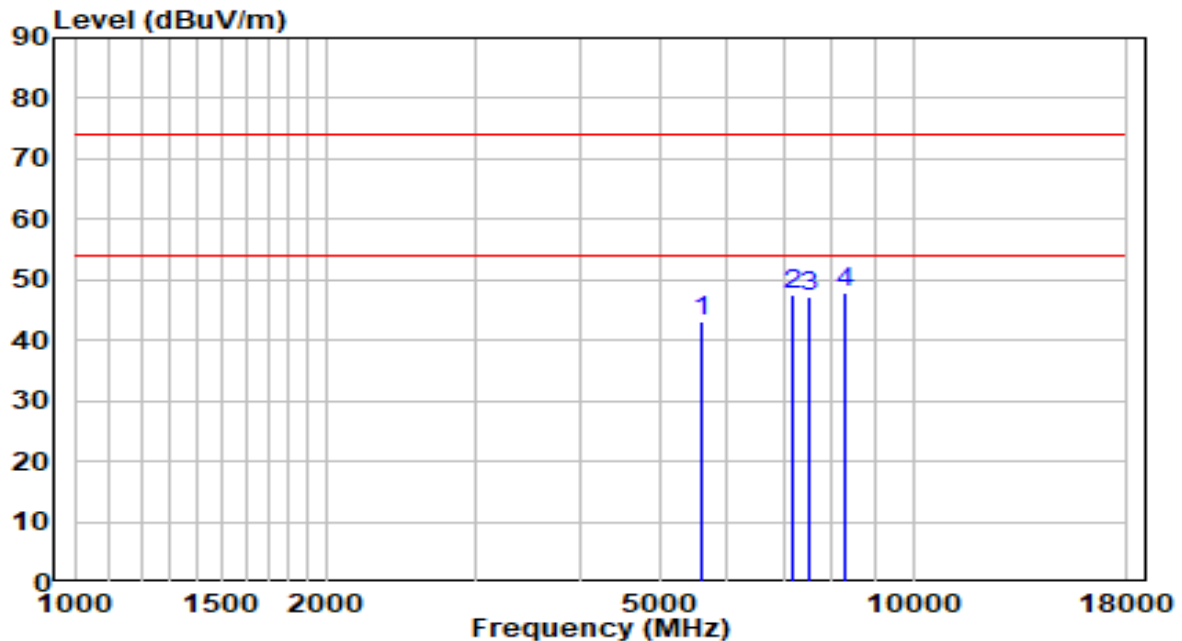


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5743.000	39.00	4.80	43.80	-30.20	74.00	Peak
2	* 6542.000	37.18	7.94	45.12	-28.88	74.00	Peak
3	7417.500	35.69	11.53	47.22	-26.78	74.00	Peak
4	* 8293.000	36.03	12.36	48.39	-25.61	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

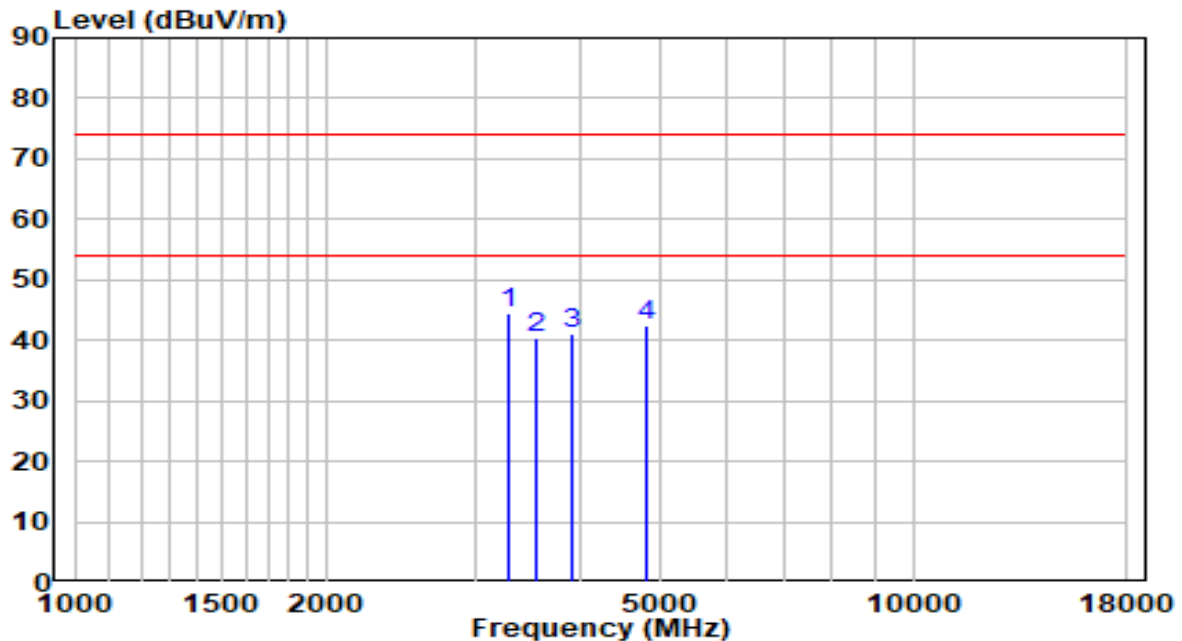


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5607.000	38.97	4.28	43.25	-30.75	74.00	Peak
2	* 7162.500	36.52	10.96	47.48	-26.52	74.00	Peak
3	7511.000	35.55	11.73	47.28	-26.72	74.00	Peak
4	* 8276.000	35.44	12.35	47.79	-26.21	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

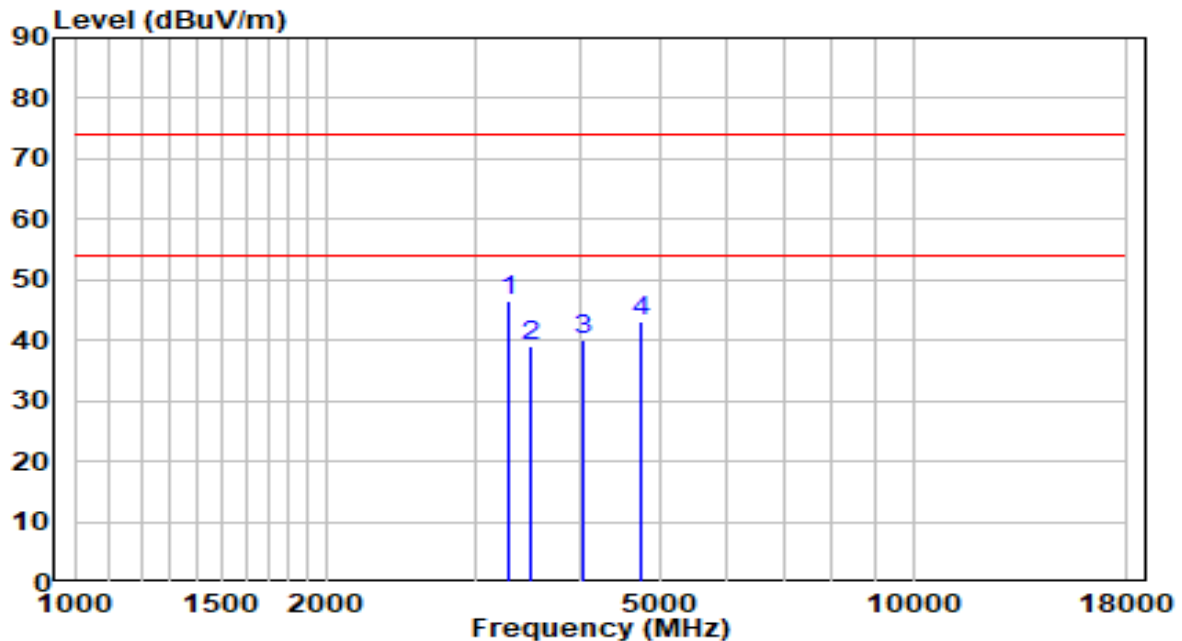


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	46.34	-1.96	44.38	-29.62	74.00	Peak
2		3541.500	41.44	-1.13	40.31	-33.69	74.00	Peak
3		3907.000	41.27	-0.17	41.11	-32.89	74.00	Peak
4		4825.000	39.38	3.20	42.58	-31.42	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

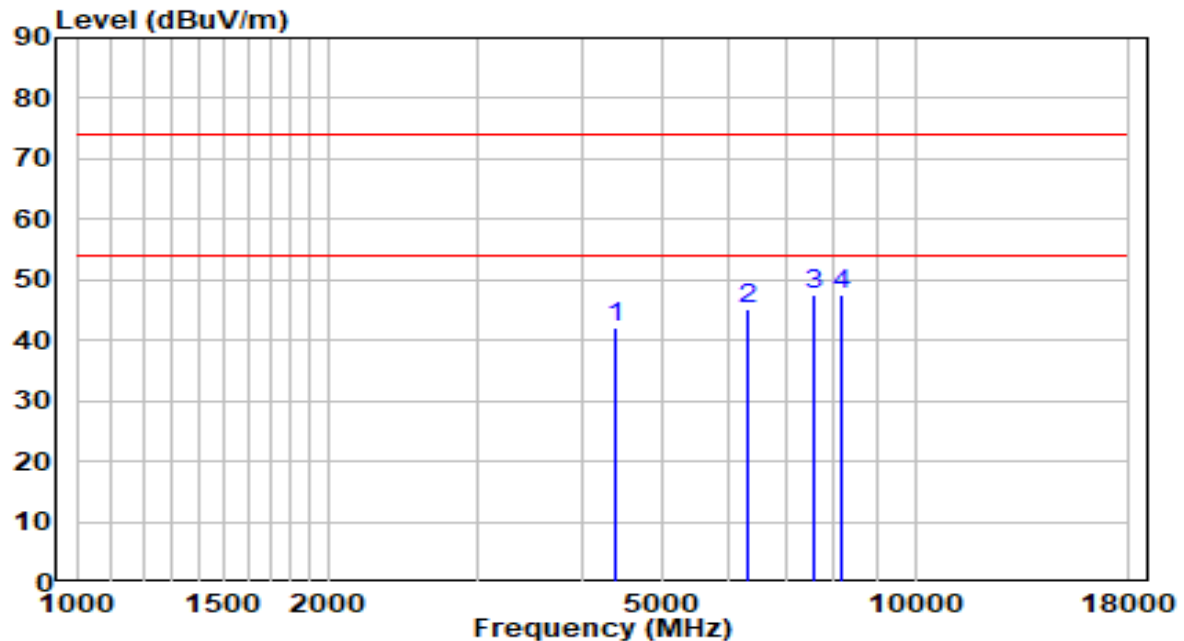


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	48.61	-1.96	46.65	-27.35	74.00	Peak
2		3499.000	40.28	-1.25	39.04	-34.96	74.00	Peak
3		4034.500	39.88	0.25	40.13	-33.87	74.00	Peak
4		4748.500	40.06	3.05	43.11	-30.89	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

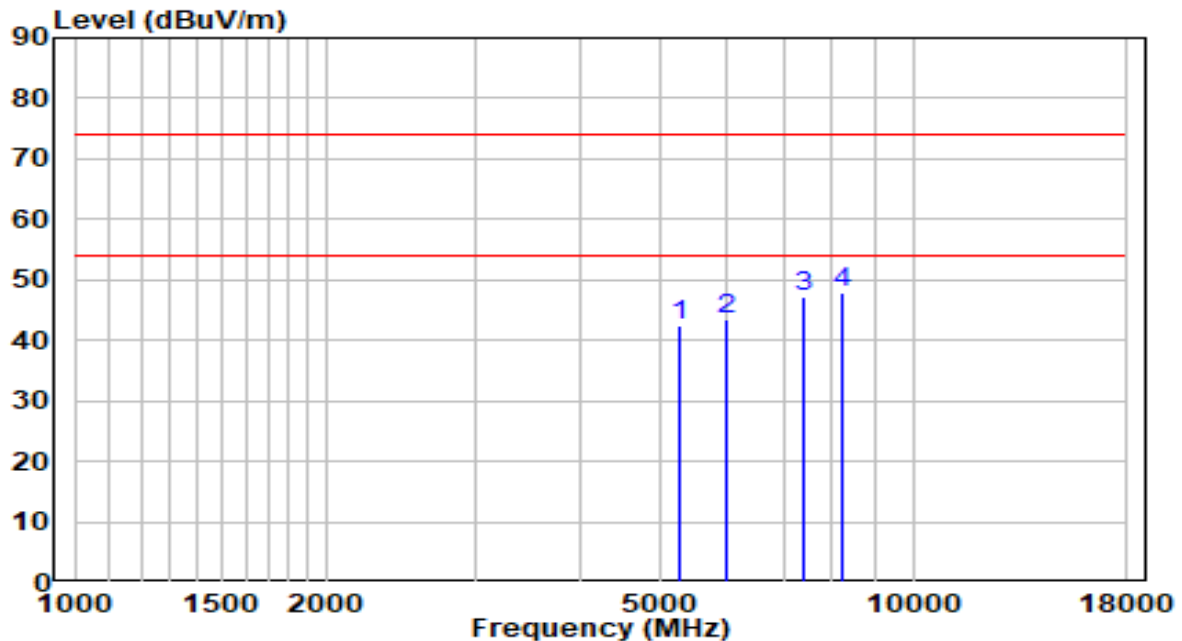


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4400.000	40.16	2.06	42.22	-31.78	74.00	Peak
2	* 6304.000	38.17	6.95	45.12	-28.88	74.00	Peak
3	7587.500	35.69	11.81	47.50	-26.50	74.00	Peak
4	* 8157.000	35.39	12.30	47.69	-26.31	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

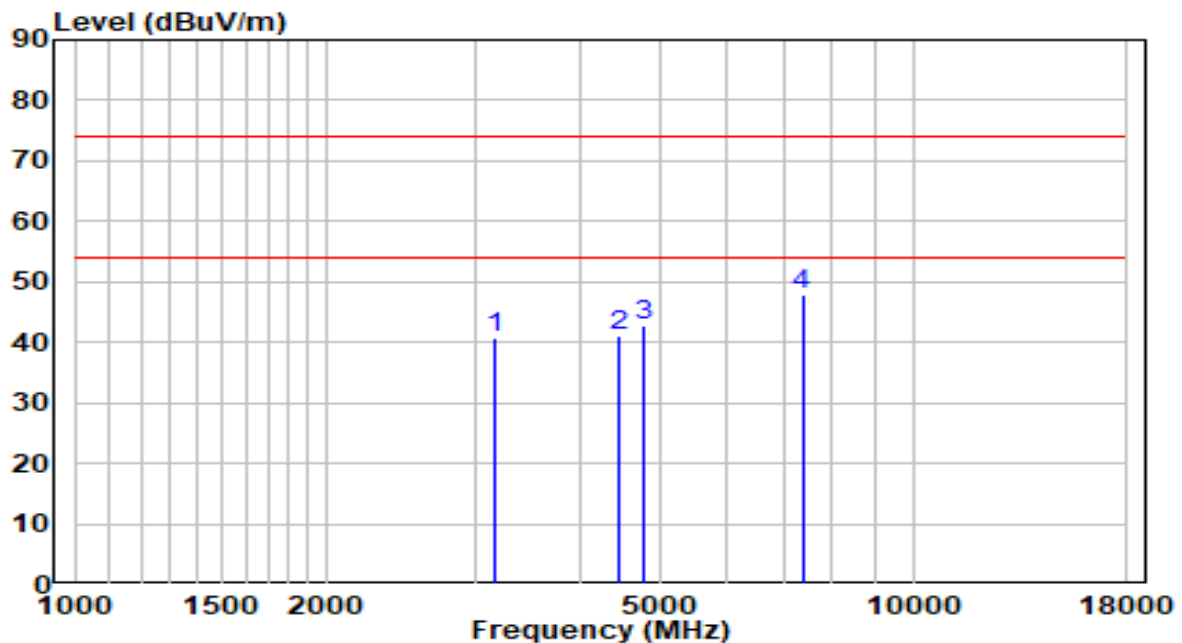


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5258.500	38.80	3.72	42.52	-31.48	74.00	Peak
2	* 5998.000	37.75	5.78	43.53	-30.47	74.00	Peak
3	7426.000	35.53	11.55	47.08	-26.92	74.00	Peak
4	* 8216.500	35.66	12.33	47.99	-26.01	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

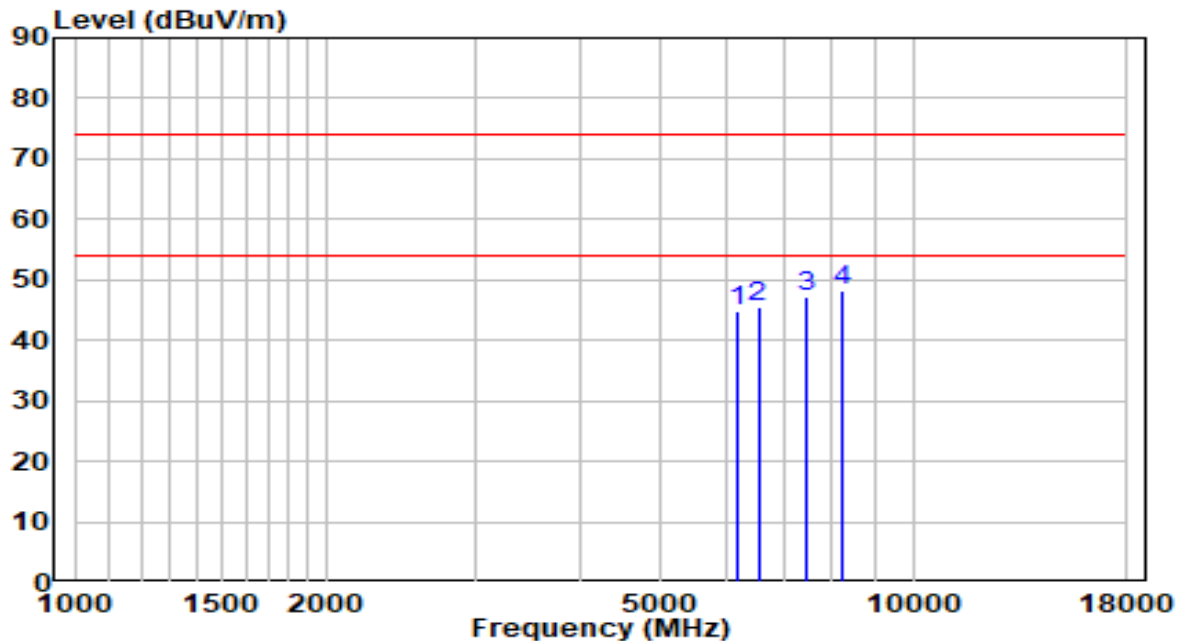


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3167.500	43.18	-2.36	40.82	-33.18	74.00	Peak
2	4459.500	38.63	2.35	40.98	-33.02	74.00	Peak
3	4774.000	39.62	3.10	42.72	-31.28	74.00	Peak
4	* 7375.000	36.56	11.44	47.99	-26.01	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

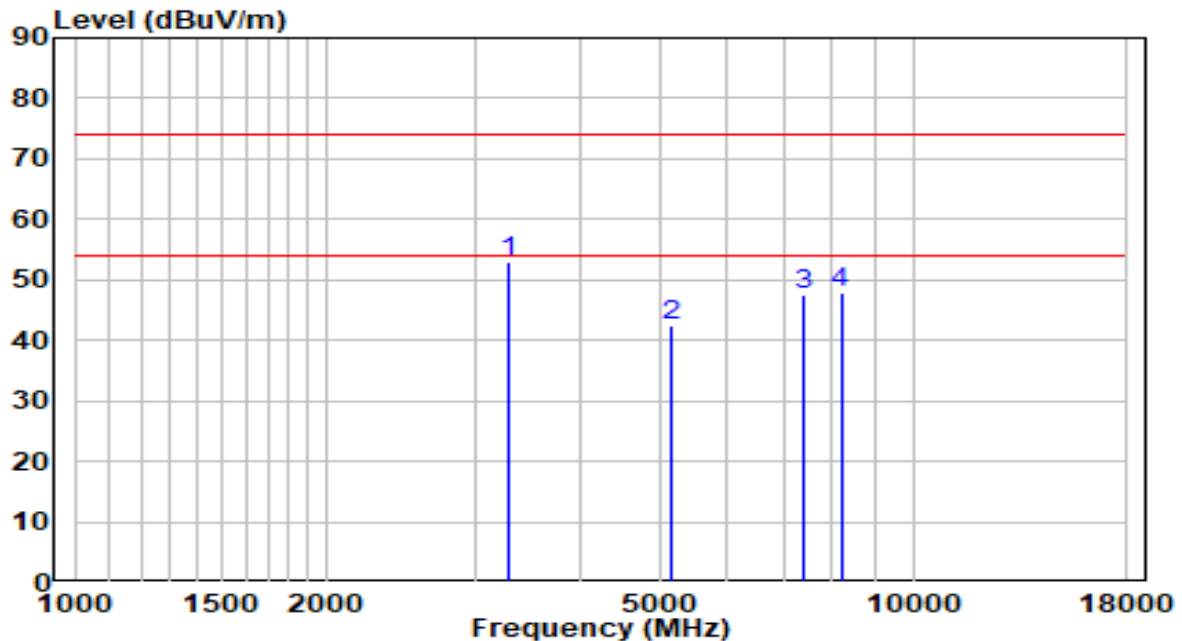


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6176.500	38.21	6.46	44.67	-29.33	74.00	Peak
2	* 6533.500	37.51	7.89	45.40	-28.60	74.00	Peak
3	7477.000	35.49	11.66	47.15	-26.85	74.00	Peak
4	* 8242.000	35.97	12.34	48.31	-25.69	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

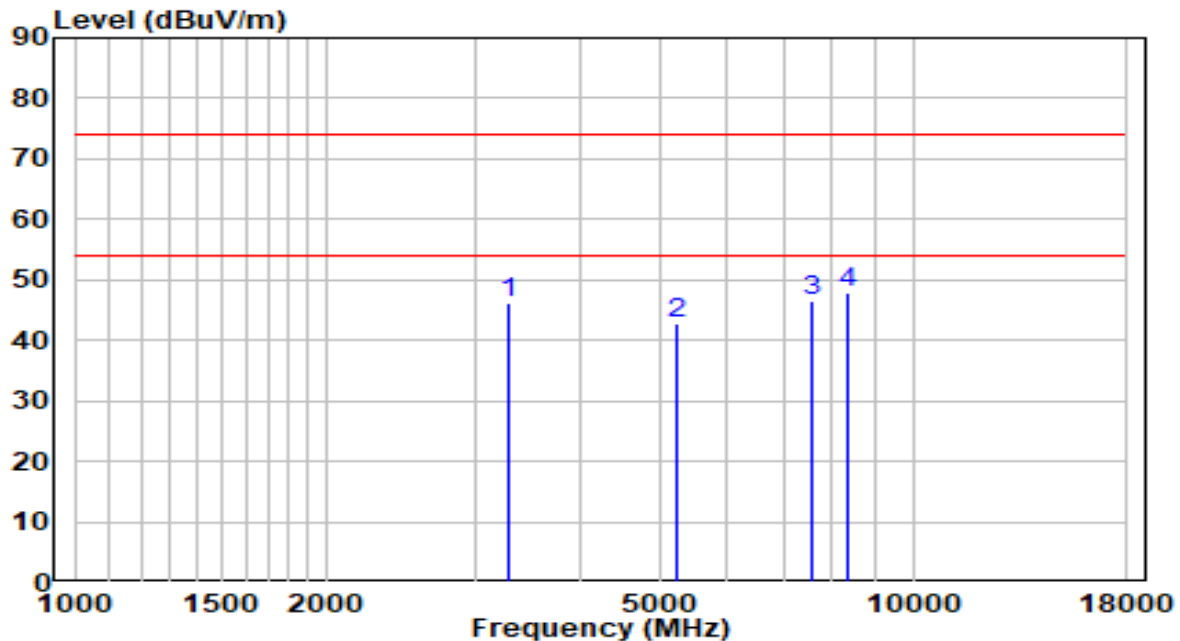


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	54.87	-1.96	52.91	-21.09	74.00	Peak
2		5156.500	38.82	3.65	42.47	-31.53	74.00	Peak
3		7417.500	35.86	11.53	47.39	-26.61	74.00	Peak
4		8199.500	35.45	12.32	47.77	-26.23	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT20 at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

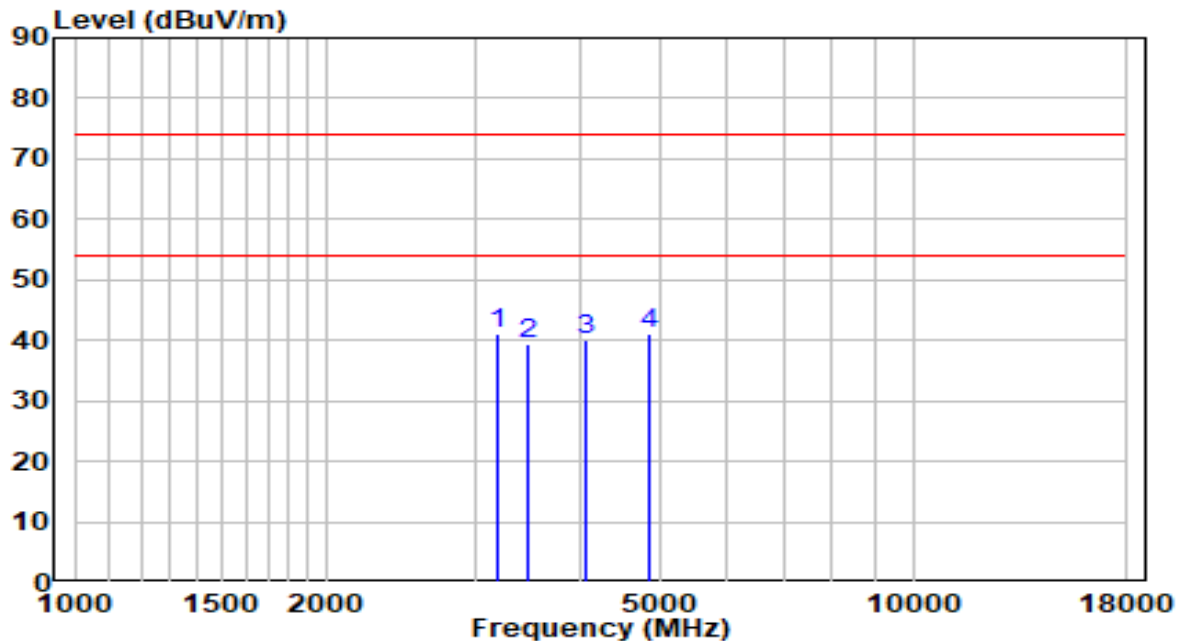


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	48.23	-1.96	46.27	-27.73	74.00	Peak
2		5224.500	39.06	3.69	42.75	-31.25	74.00	Peak
3		7579.000	34.89	11.80	46.68	-27.32	74.00	Peak
4	*	8369.500	35.37	12.40	47.76	-26.24	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2422MHz (CDD Mode)	Test Voltage	110V/60Hz

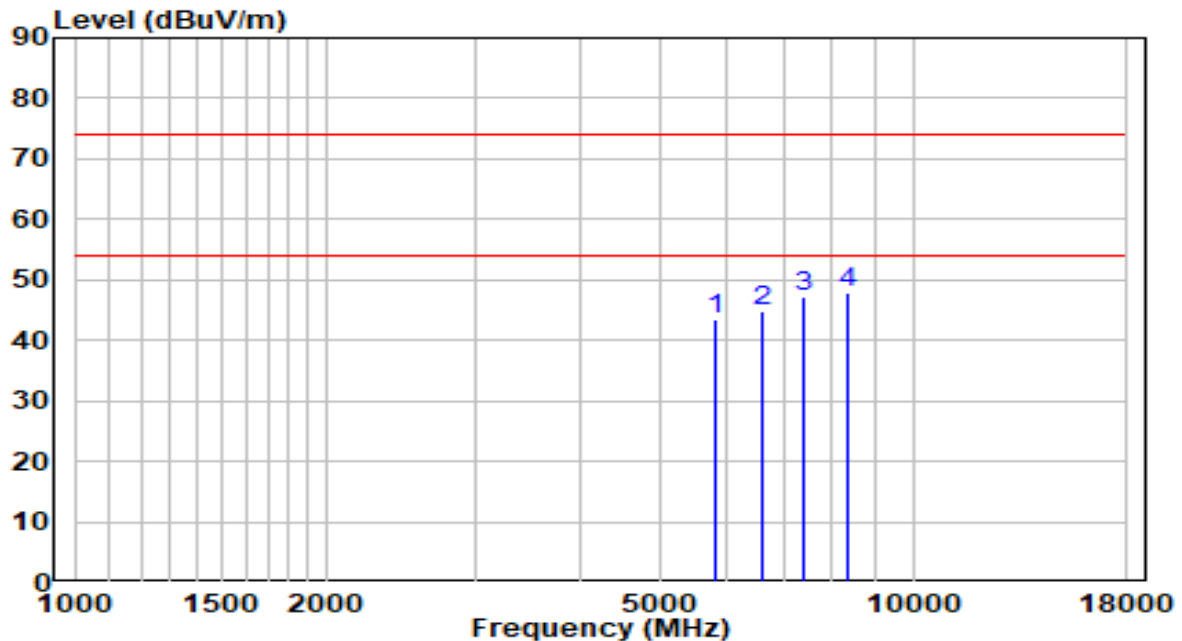


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3184.500	43.31	-2.31	41.00	-33.00	74.00	Peak
2		3473.500	40.57	-1.33	39.25	-34.75	74.00	Peak
3		4077.000	39.56	0.46	40.03	-33.97	74.00	Peak
4	*	4833.500	38.02	3.22	41.23	-32.77	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2422MHz (CDD Mode)	Test Voltage	110V/60Hz

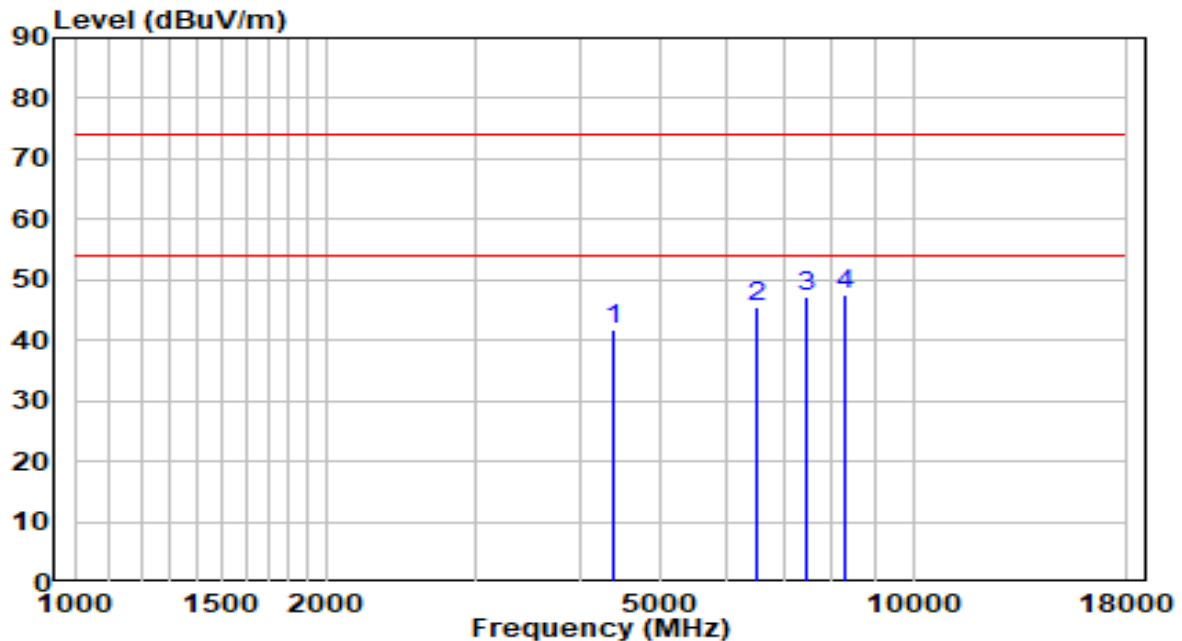


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5819.500	38.30	5.10	43.40	-30.60	74.00	Peak
2	* 6618.500	36.47	8.38	44.85	-29.15	74.00	Peak
3	7392.000	35.85	11.47	47.32	-26.68	74.00	Peak
4	* 8378.000	35.38	12.40	47.78	-26.22	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

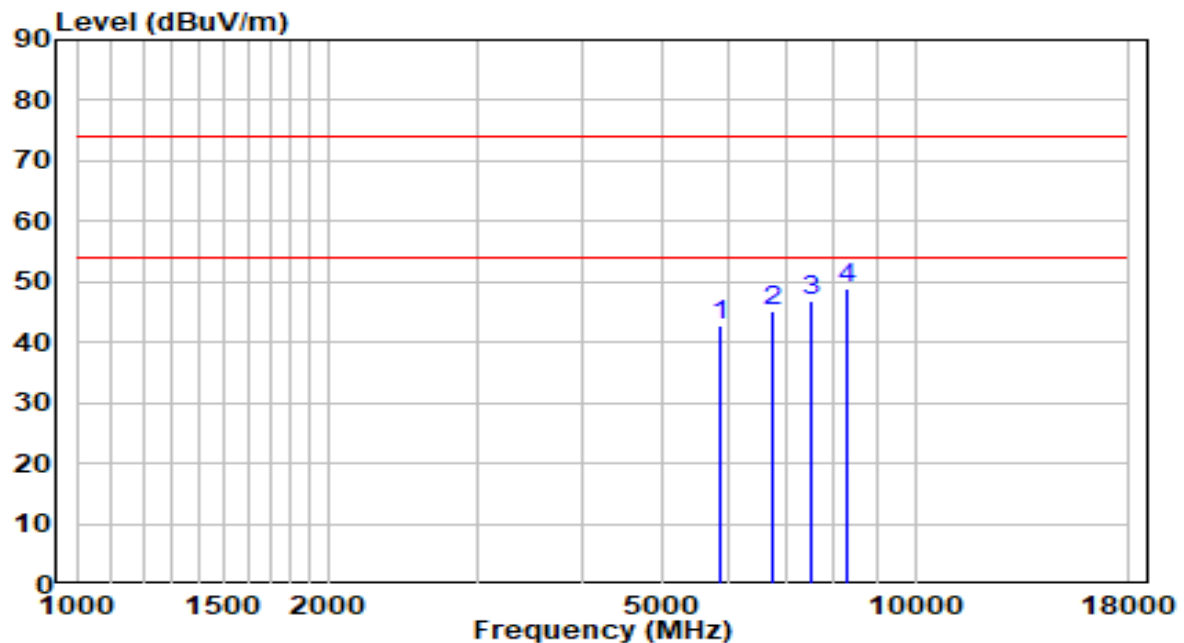


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4400.000	39.80	2.06	41.86	-32.14	74.00	Peak
2	* 6516.500	37.83	7.79	45.62	-28.38	74.00	Peak
3	7451.500	35.61	11.61	47.21	-26.79	74.00	Peak
4	* 8318.500	35.10	12.37	47.47	-26.53	74.00	Peak

Note:

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

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

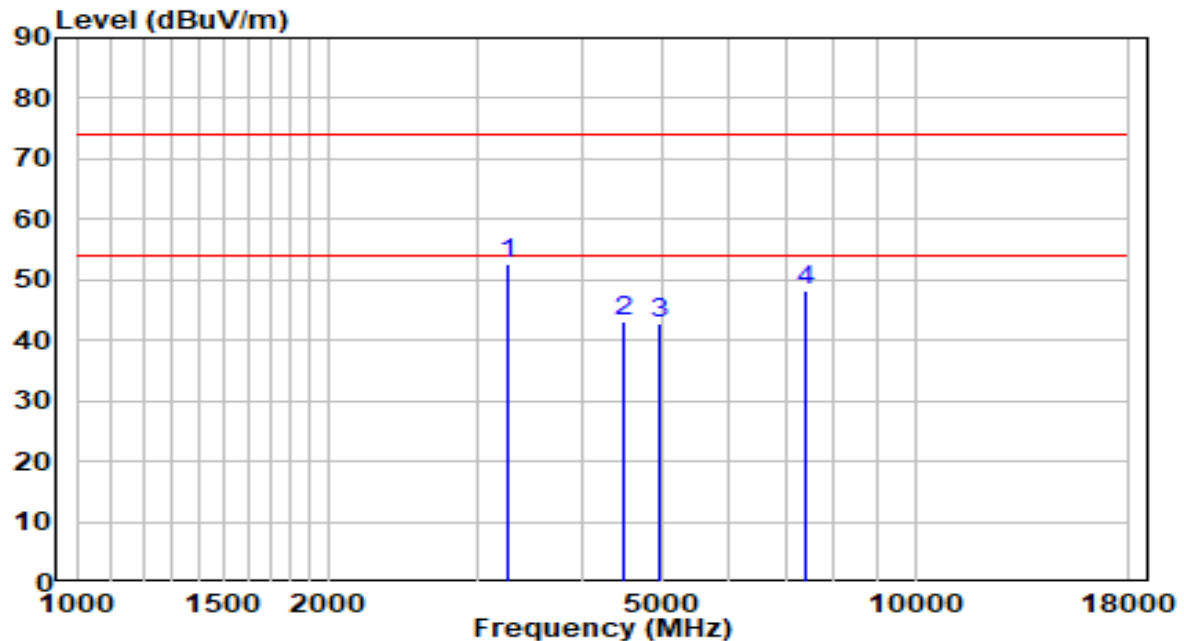


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5836.500	37.69	5.16	42.85	-31.15	74.00	Peak
2	* 6763.000	35.90	9.22	45.13	-28.87	74.00	Peak
3	7528.000	35.02	11.74	46.76	-27.24	74.00	Peak
4	* 8301.500	36.65	12.37	49.02	-24.98	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2452MHz (CDD Mode)	Test Voltage	110V/60Hz

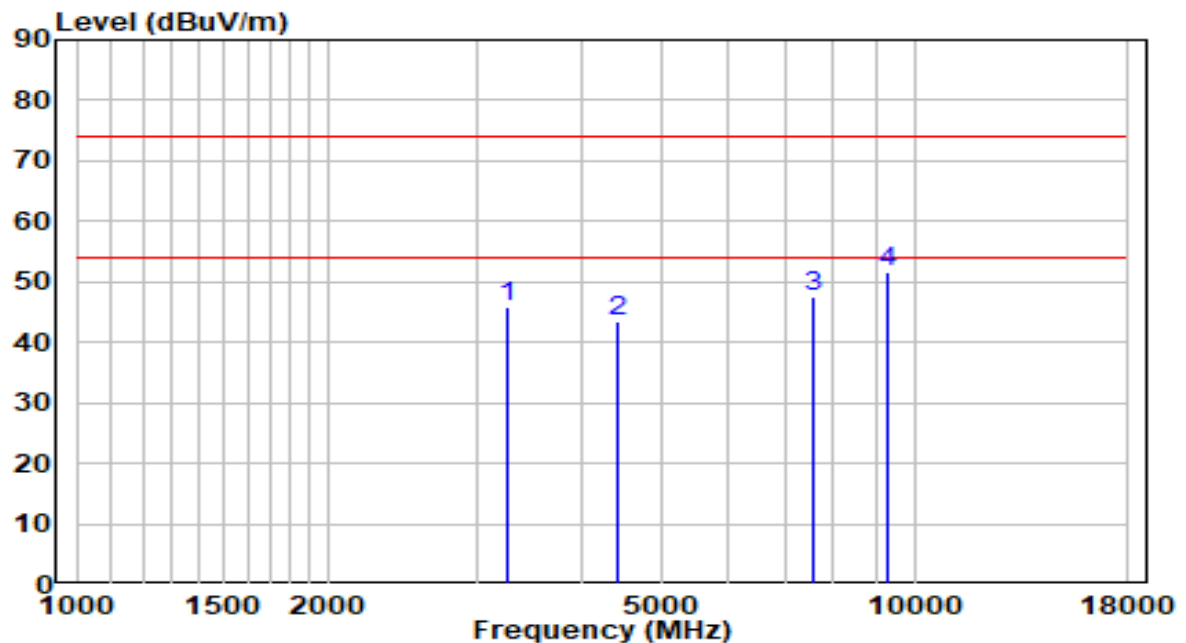


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3269.500	54.54	-2.02	52.52	-21.48	74.00	Peak
2		4476.500	40.54	2.43	42.98	-31.02	74.00	Peak
3		4952.500	39.23	3.46	42.68	-31.32	74.00	Peak
4		7400.500	36.64	11.49	48.13	-25.87	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11n-HT40 at channel 2452MHz (CDD Mode)	Test Voltage	110V/60Hz

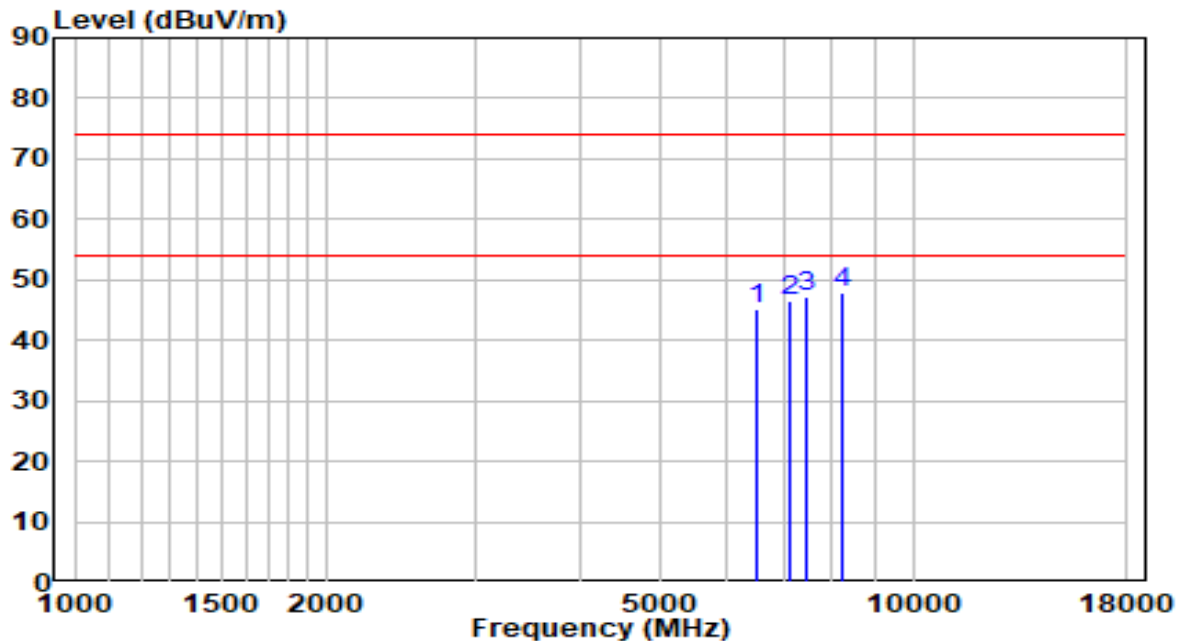


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	3269.500	47.86	-2.02	45.84	-22.36	68.20	Peak
2	4425.500	41.18	2.18	43.36	-24.84	68.20	Peak
3	7562.000	35.70	11.78	47.48	-26.52	74.00	Peak
4	* 9321.500	38.07	13.68	51.75	-22.25	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

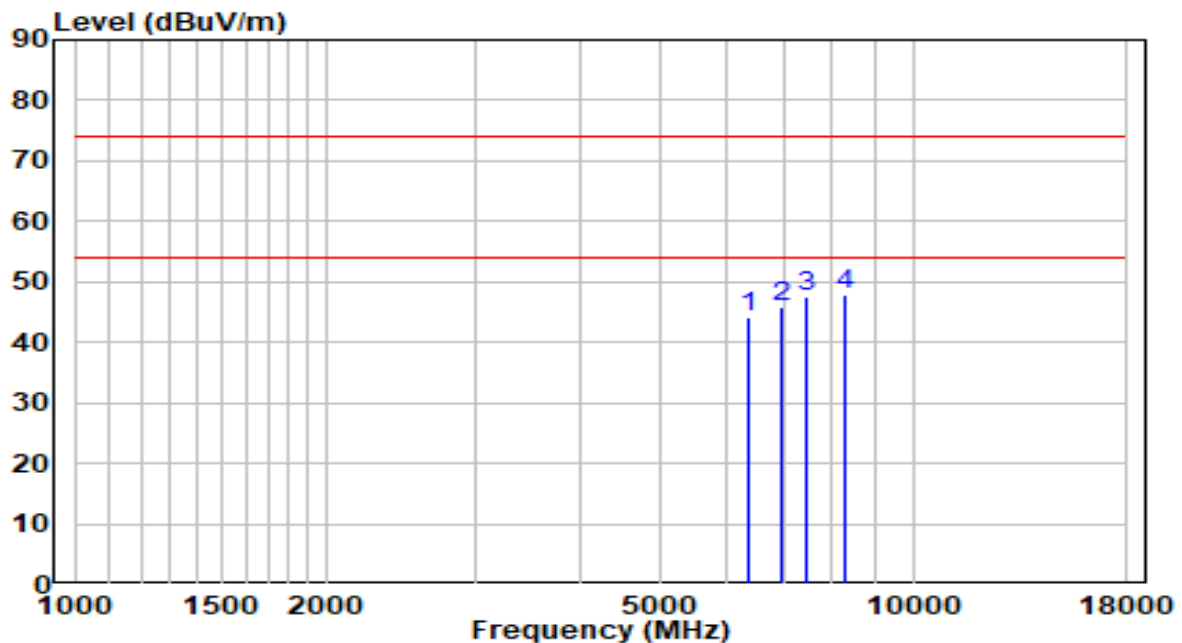


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6508.000	37.30	7.74	45.04	-28.96	74.00	Peak
2	* 7145.500	35.51	10.92	46.43	-27.57	74.00	Peak
3	7477.000	35.44	11.66	47.10	-26.90	74.00	Peak
4	* 8259.000	35.52	12.35	47.86	-26.14	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

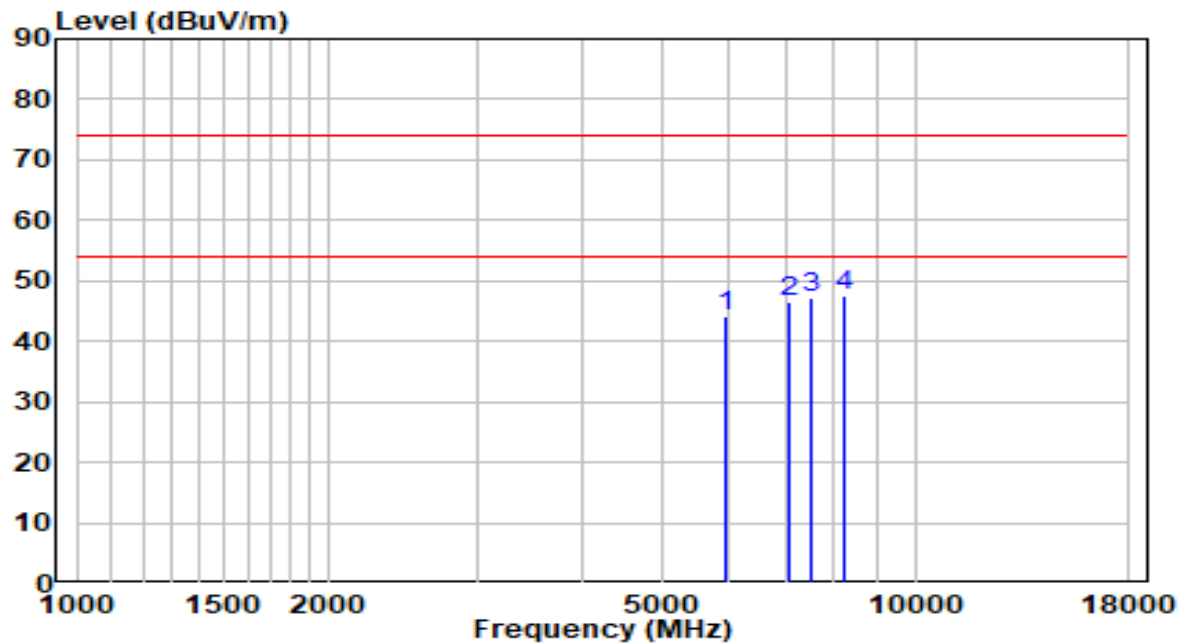


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6372.000	36.79	7.21	44.00	-30.00	74.00	Peak
2	* 6975.500	35.49	10.46	45.95	-28.05	74.00	Peak
3	7485.500	35.95	11.68	47.63	-26.37	74.00	Peak
4	* 8293.000	35.64	12.36	48.01	-25.99	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2437 MHz (CDD Mode)	Test Voltage	110V/60Hz

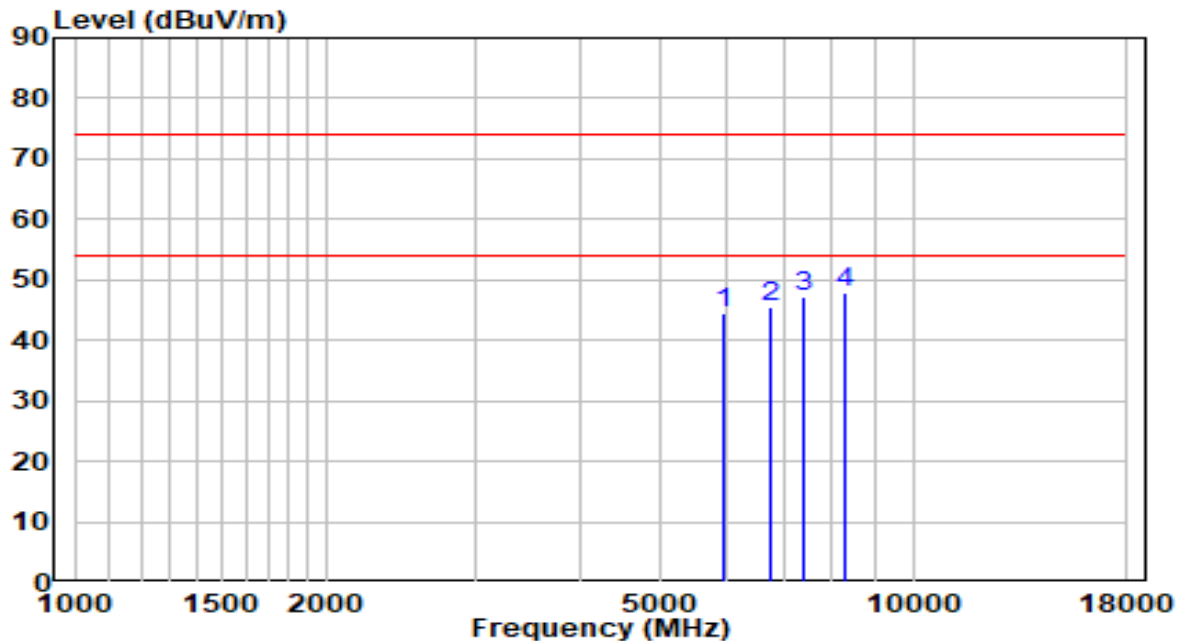


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5947.000	38.58	5.59	44.17	-29.83	74.00	Peak
2	* 7069.000	35.65	10.75	46.40	-27.60	74.00	Peak
3	7502.500	35.38	11.71	47.10	-26.90	74.00	Peak
4	* 8233.500	35.15	12.34	47.48	-26.52	74.00	Peak

Note:

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

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2437 MHz (CDD Mode)	Test Voltage	110V/60Hz

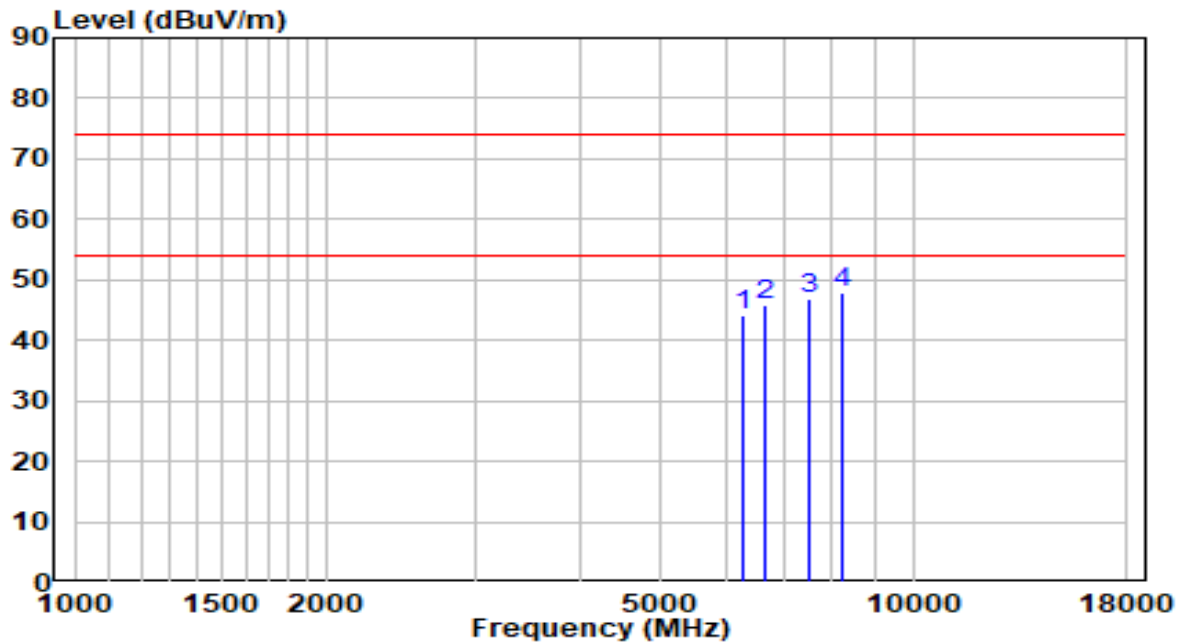


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5955.500	38.94	5.62	44.56	-29.44	74.00	Peak
2	* 6780.000	36.15	9.32	45.47	-28.53	74.00	Peak
3	7417.500	35.64	11.53	47.17	-26.83	74.00	Peak
4	* 8276.000	35.50	12.35	47.86	-26.14	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

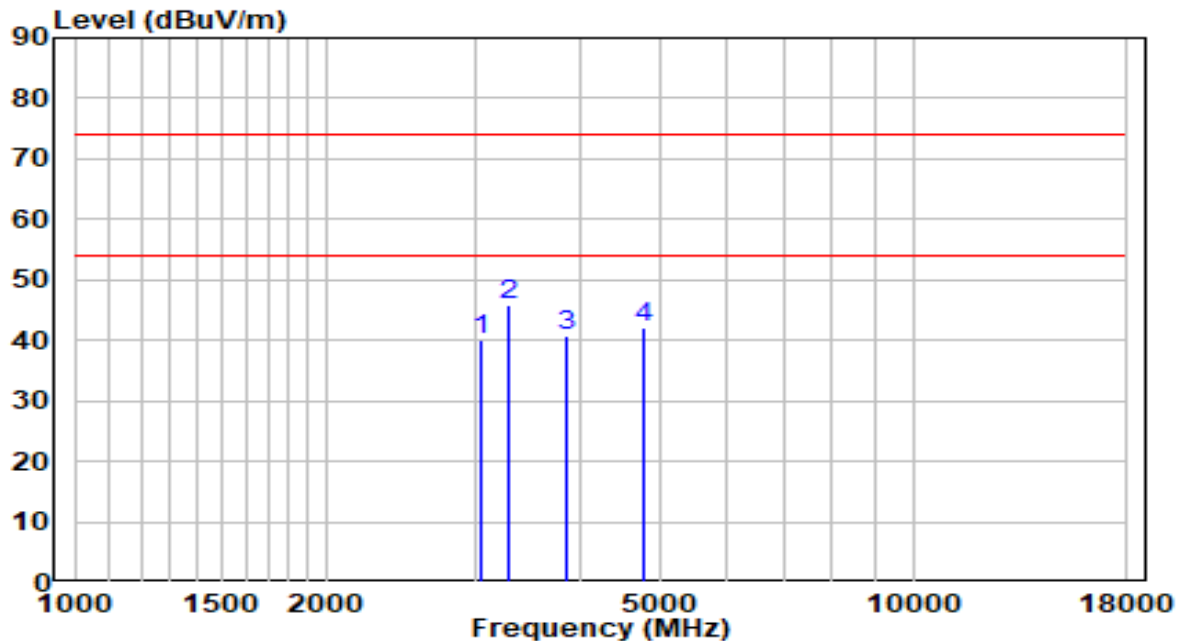


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	6253.000	37.34	6.75	44.09	-29.91	74.00	Peak
2	* 6661.000	37.06	8.63	45.69	-28.31	74.00	Peak
3	7511.000	35.29	11.73	47.01	-26.99	74.00	Peak
4	* 8250.500	35.67	12.34	48.01	-25.99	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

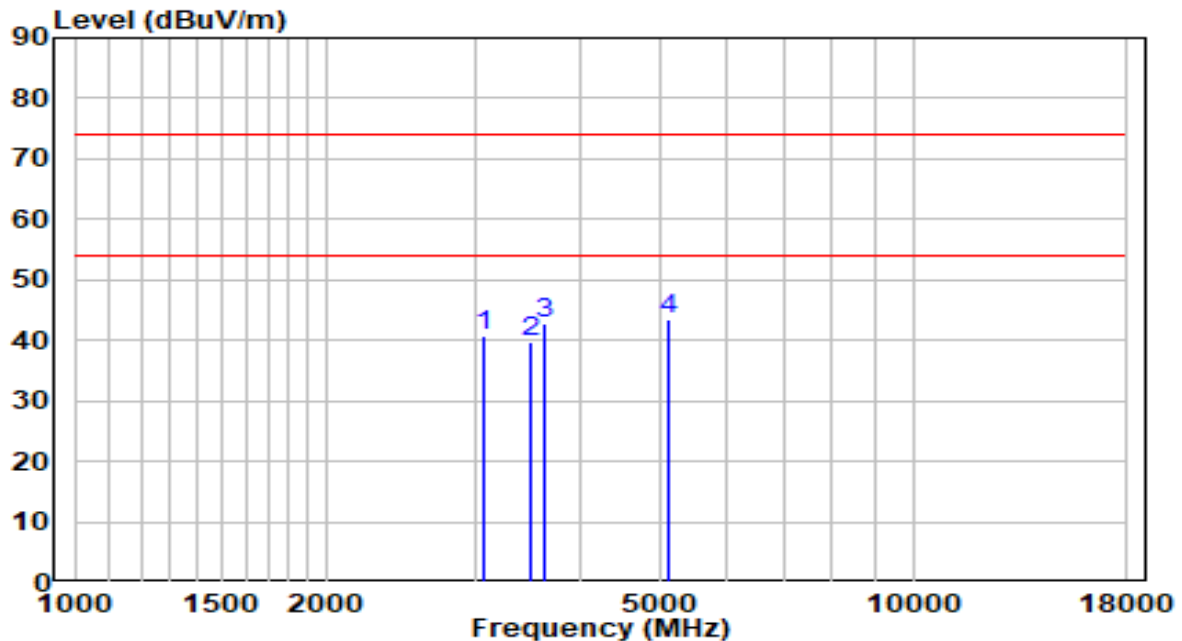


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3048.500	42.98	-2.77	40.22	-33.78	74.00	Peak
2	* 3286.500	47.66	-1.96	45.70	-28.30	74.00	Peak
3	3847.500	41.03	-0.32	40.71	-33.29	74.00	Peak
4	4765.500	39.01	3.08	42.09	-31.91	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2422MHz (CDD Mode)	Test Voltage	110V/60Hz

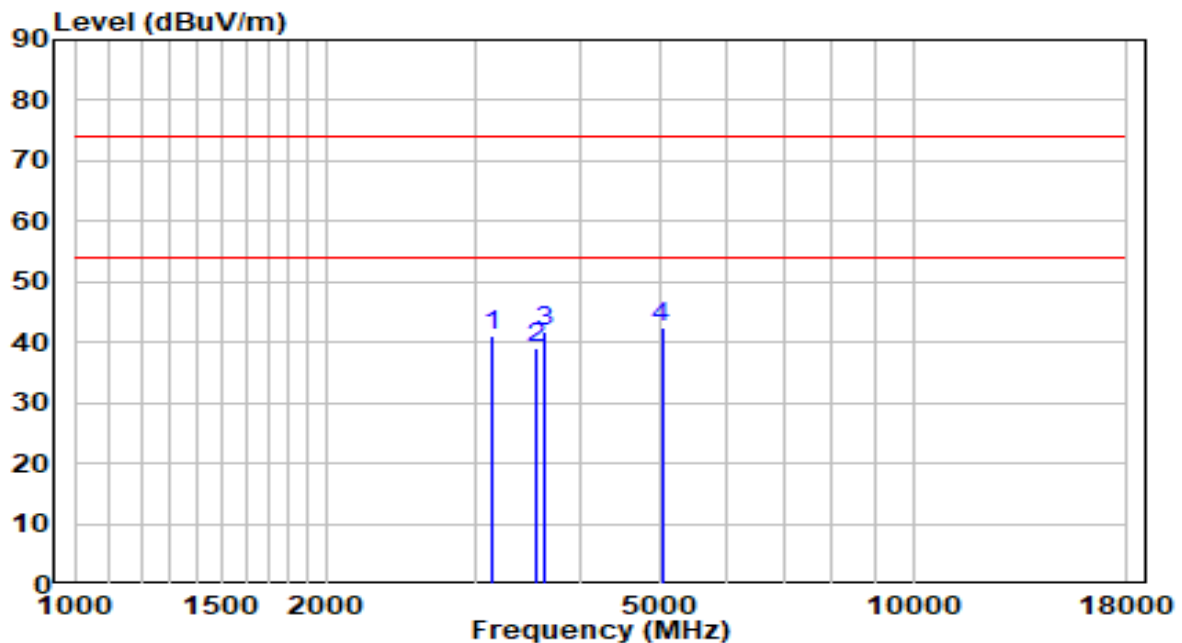


No		Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	*	3065.500	43.49	-2.71	40.78	-33.22	74.00	Peak
2		3499.000	40.82	-1.25	39.58	-34.42	74.00	Peak
3		3635.000	43.60	-0.88	42.71	-31.29	74.00	Peak
4	*	5122.500	39.81	3.63	43.44	-30.56	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2422MHz (CDD Mode)	Test Voltage	110V/60Hz

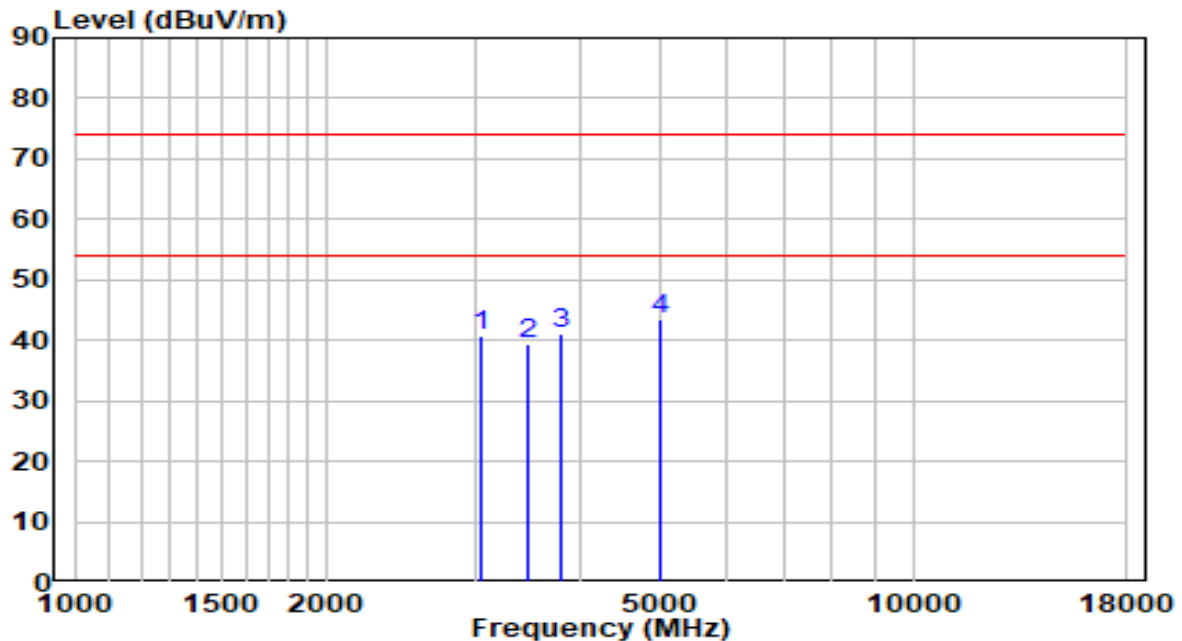


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3142.000	43.45	-2.45	41.00	-33.00	74.00	Peak
2		3541.500	40.22	-1.13	39.09	-34.91	74.00	Peak
3		3635.000	42.77	-0.88	41.89	-32.11	74.00	Peak
4	*	5012.000	38.99	3.56	42.55	-31.45	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

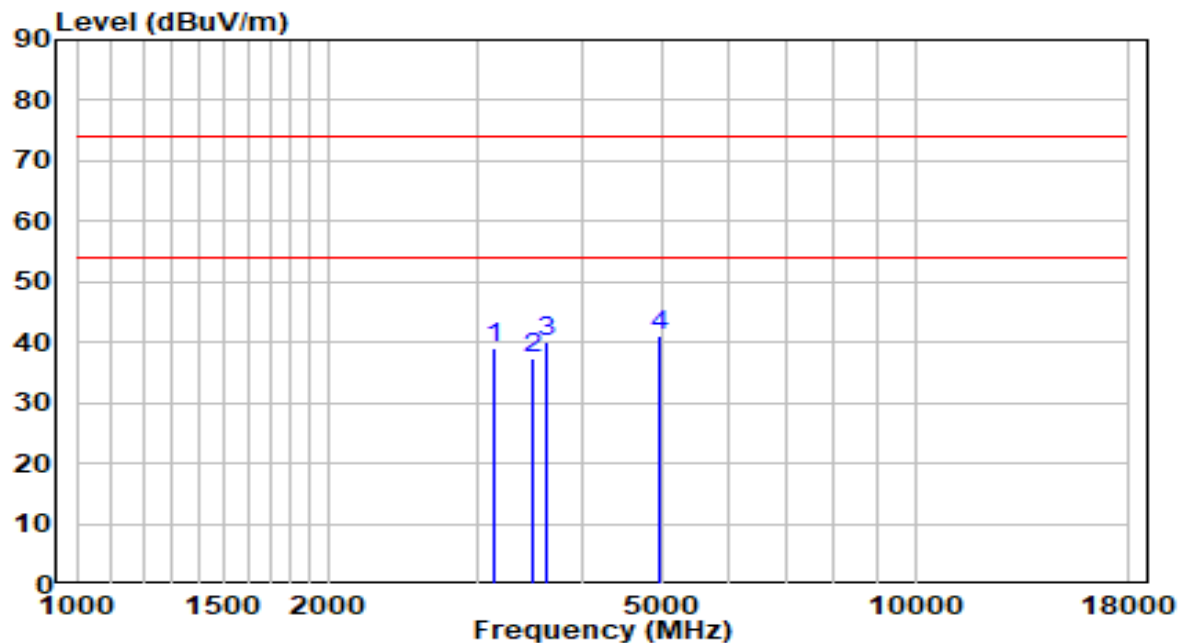


No		Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	*	3057.000	43.45	-2.74	40.72	-33.28	74.00	Peak
2		3482.000	40.76	-1.30	39.46	-34.54	74.00	Peak
3		3805.000	41.61	-0.43	41.17	-32.83	74.00	Peak
4	*	4995.000	39.80	3.54	43.34	-30.66	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

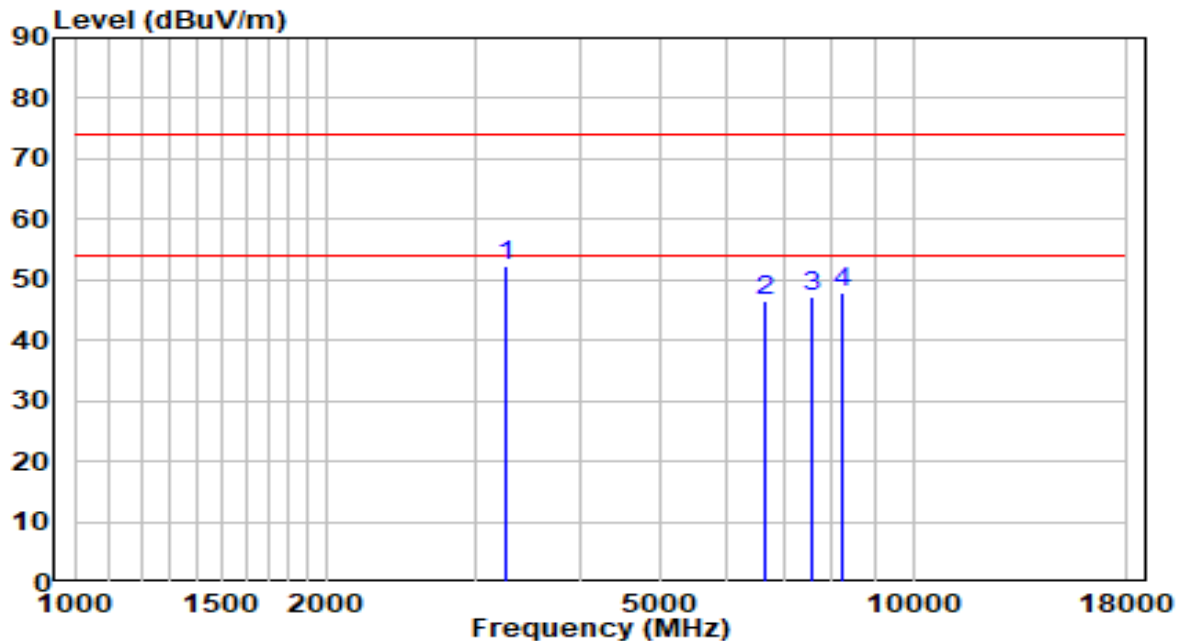


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3142.000	41.42	-2.45	38.97	-35.03	74.00	Peak
2		3490.500	38.51	-1.27	37.24	-36.76	74.00	Peak
3		3643.500	40.96	-0.86	40.10	-33.90	74.00	Peak
4	*	4969.500	37.69	3.49	41.18	-32.82	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2452MHz (CDD Mode)	Test Voltage	110V/60Hz

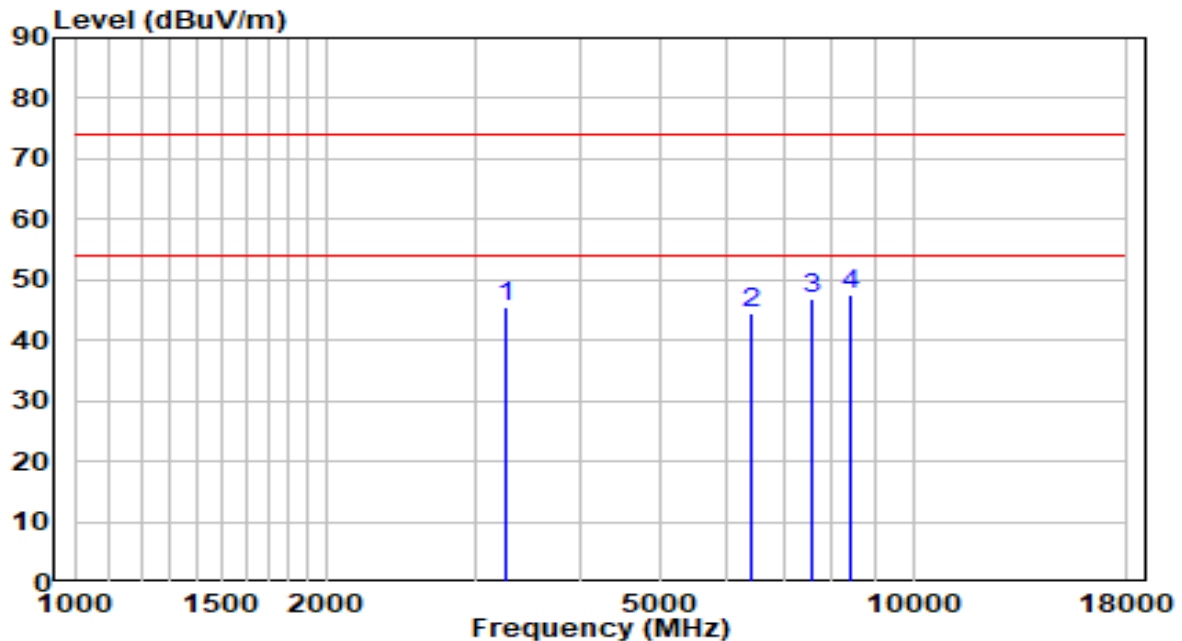


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3269.500	54.41	-2.02	52.39	-21.61	74.00	Peak
2		6669.500	37.83	8.68	46.51	-27.49	74.00	Peak
3		7562.000	35.58	11.78	47.36	-26.64	74.00	Peak
4		8225.000	35.47	12.33	47.80	-26.20	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2452MHz (CDD Mode)	Test Voltage	110V/60Hz

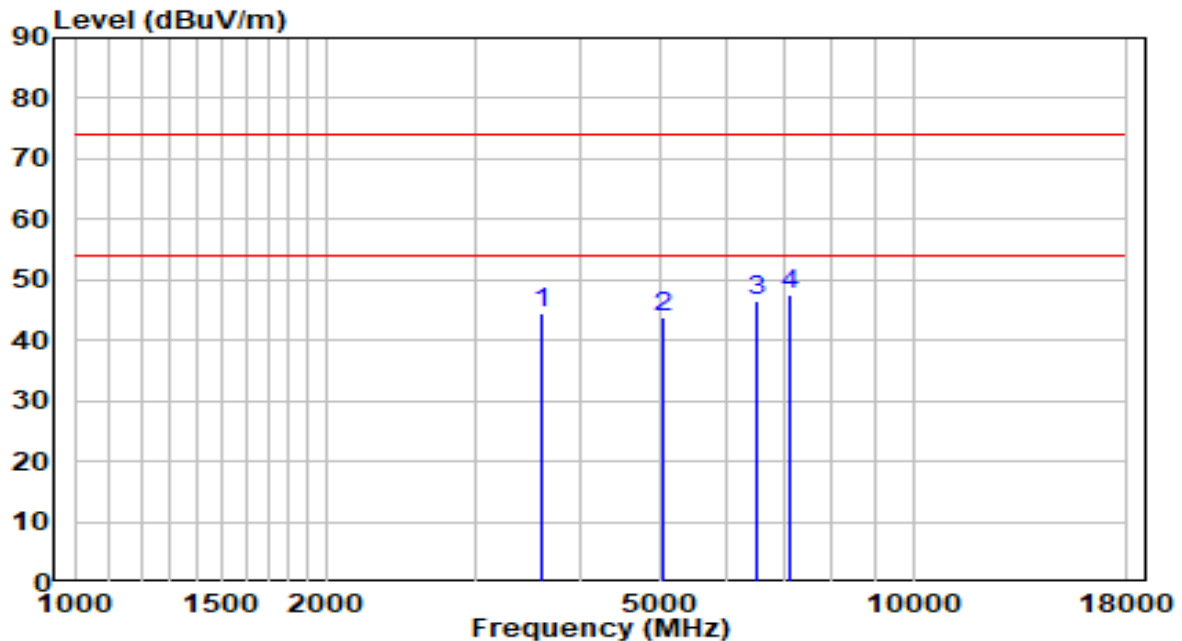


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3269.500	47.57	-2.02	45.55	-28.45	74.00	Peak
2		6397.500	37.05	7.30	44.35	-29.65	74.00	Peak
3		7579.000	35.22	11.80	47.01	-26.99	74.00	Peak
4	*	8403.500	34.99	12.41	47.40	-26.60	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2412MHz (Beamforming Mode)	Test Voltage	110V/60Hz

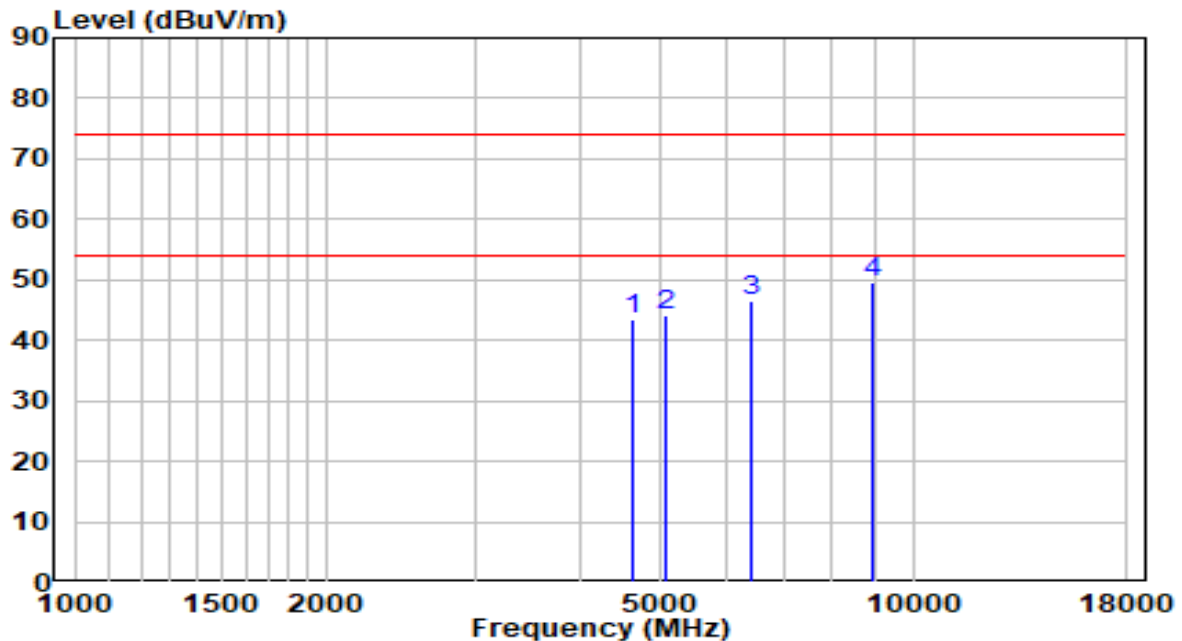


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3618.000	45.29	-0.93	44.36	-29.64	74.00	Peak
2	5029.000	40.16	3.57	43.73	-30.27	74.00	Peak
3	6516.500	38.72	7.79	46.51	-27.49	74.00	Peak
4	* 7111.500	36.63	10.85	47.48	-26.52	74.00	Peak

Note:

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

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2412MHz (Beamforming Mode)	Test Voltage	110V/60Hz

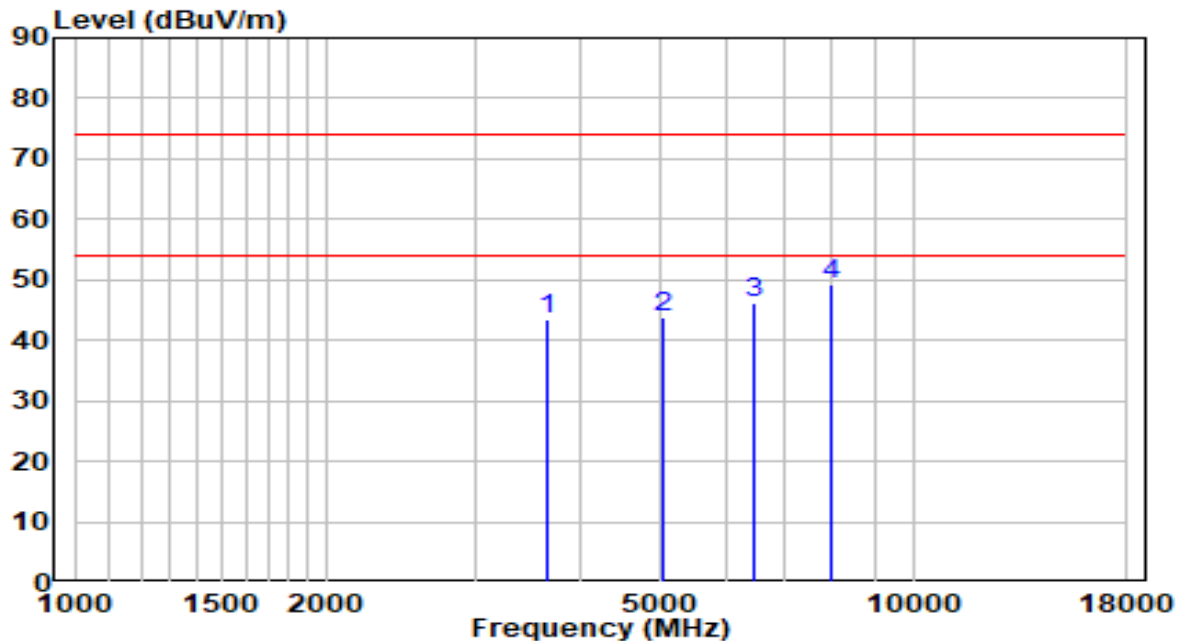


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4629.500	40.61	2.81	43.41	-30.59	74.00	Peak
2	5054.500	40.46	3.59	44.04	-29.96	74.00	Peak
3	6414.500	39.10	7.37	46.47	-27.53	74.00	Peak
4	* 8939.000	35.97	13.62	49.59	-24.41	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz (Beamforming Mode)	Test Voltage	110V/60Hz

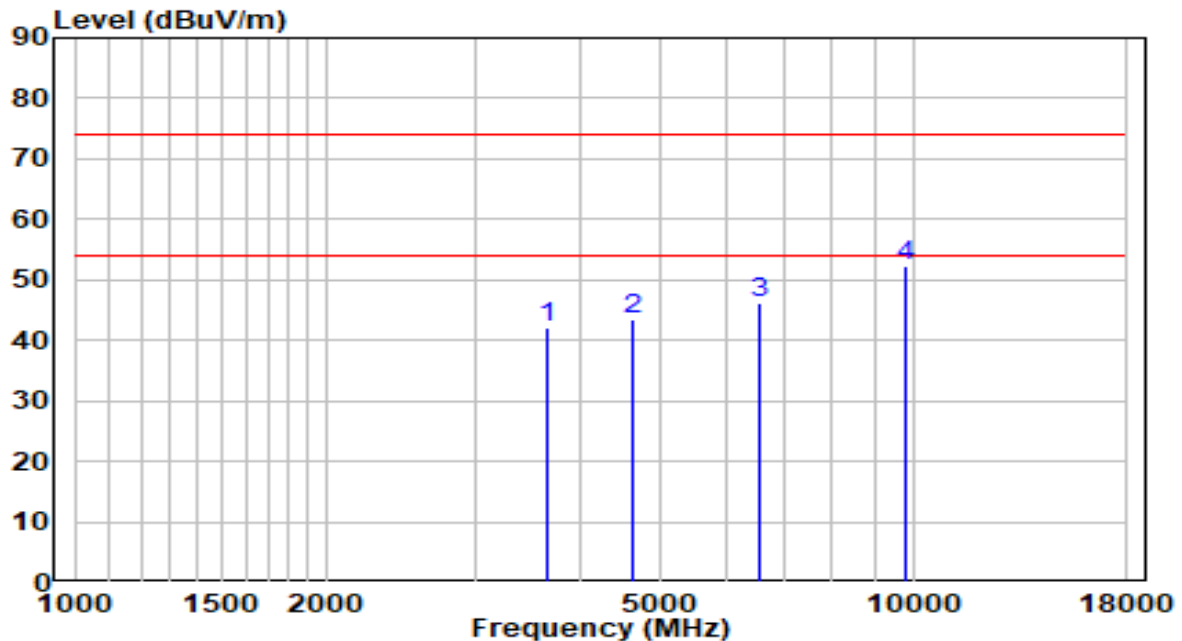


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3652.000	44.19	-0.84	43.35	-30.65	74.00	Peak
2	5029.000	40.30	3.57	43.87	-30.13	74.00	Peak
3	6440.000	38.81	7.47	46.27	-27.73	74.00	Peak
4	* 7987.000	37.19	12.22	49.41	-24.59	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz (Beamforming Mode)	Test Voltage	110V/60Hz

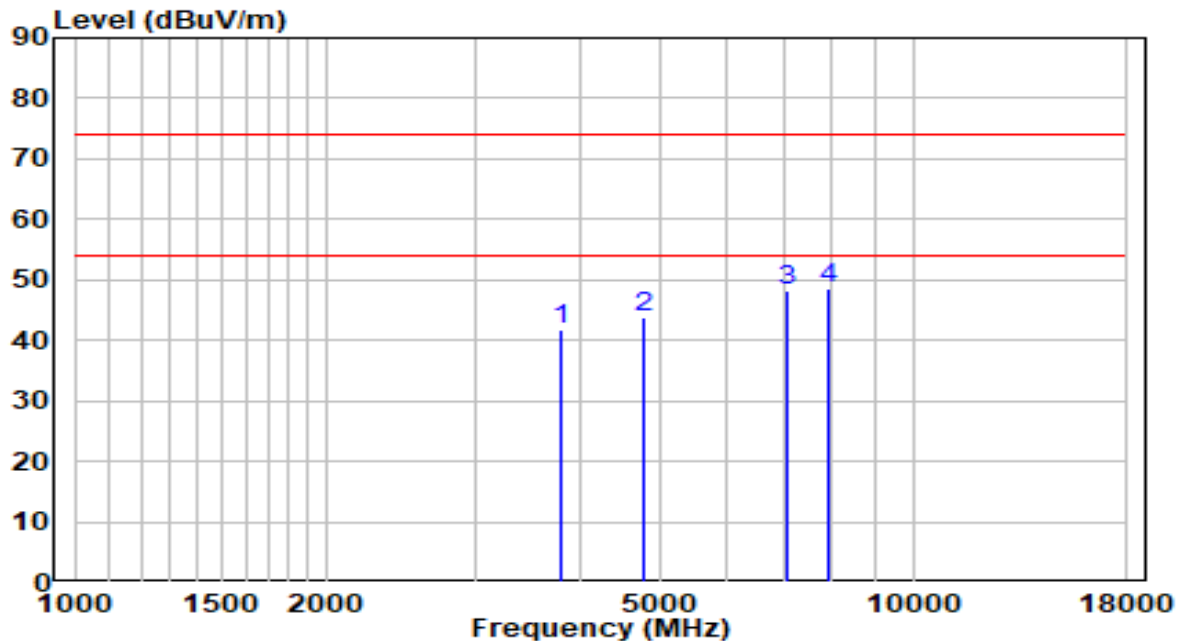


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3652.000	43.00	-0.84	42.16	-31.84	74.00	Peak
2	4629.500	40.59	2.81	43.40	-30.60	74.00	Peak
3	6542.000	38.10	7.94	46.04	-27.96	74.00	Peak
4	* 9806.000	37.71	14.62	52.34	-21.66	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2462MHz (Beamforming Mode)	Test Voltage	110V/60Hz

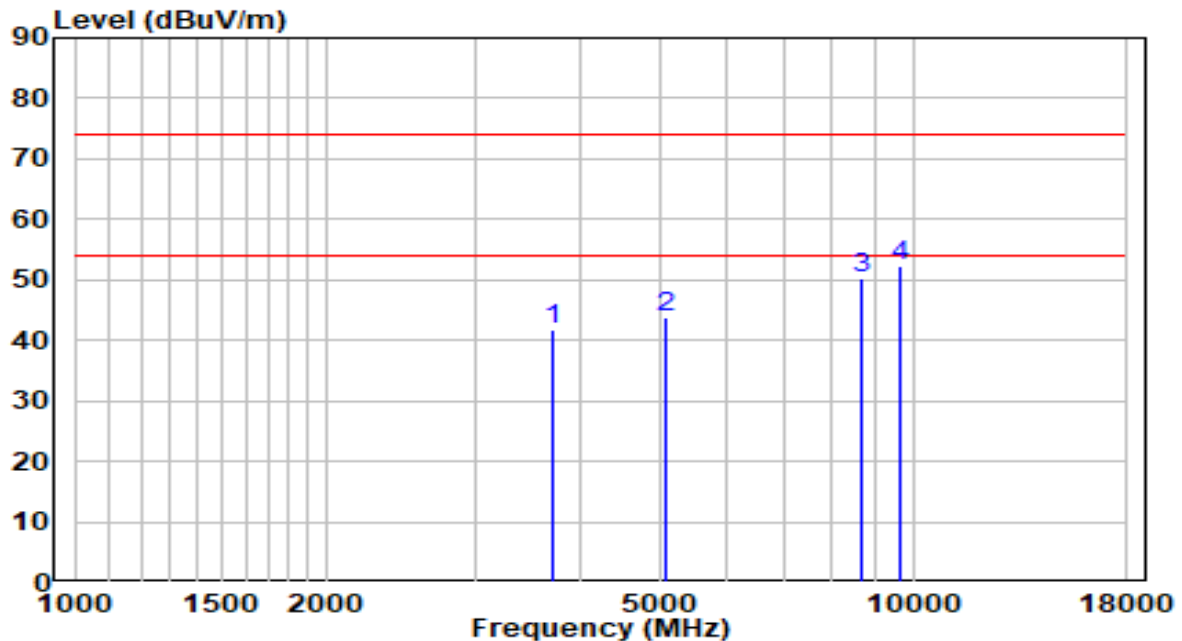


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3805.000	42.28	-0.43	41.85	-32.15	74.00	Peak
2	4774.000	40.71	3.10	43.81	-30.19	74.00	Peak
3	7094.500	37.38	10.81	48.19	-25.81	74.00	Peak
4	* 7927.500	36.28	12.16	48.44	-25.56	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE20 at channel 2462MHz (Beamforming Mode)	Test Voltage	110V/60Hz

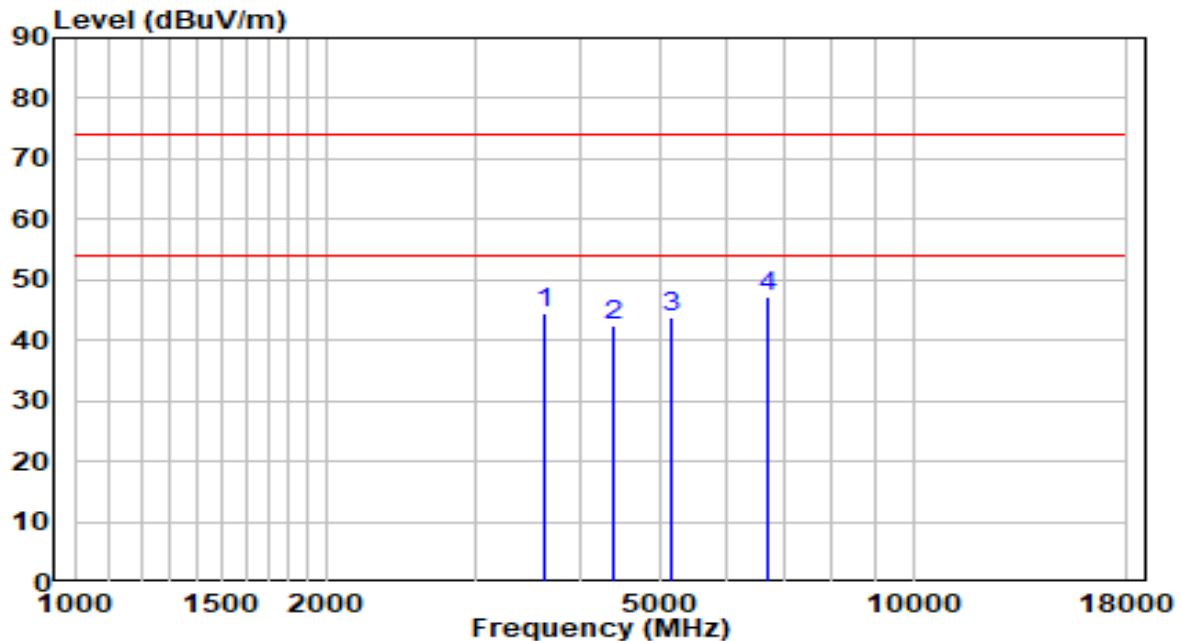


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	3728.500	42.32	-0.64	41.69	-32.31	74.00	Peak
2	5080.000	40.29	3.60	43.89	-30.11	74.00	Peak
3	8701.000	37.16	12.99	50.14	-23.86	74.00	Peak
4	* 9678.500	37.96	14.21	52.17	-21.83	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2422MHz (Beamforming Mode)	Test Voltage	110V/60Hz

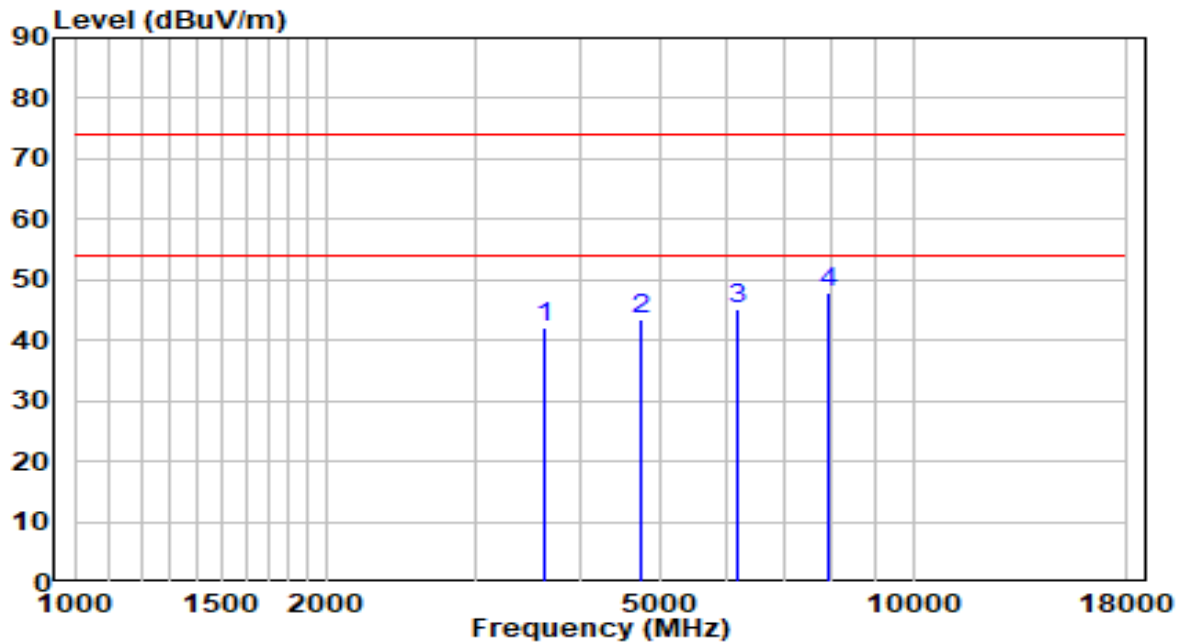


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3635.000	45.49	-0.88	44.61	-29.39	74.00	Peak
2	4383.000	40.34	1.97	42.32	-31.68	74.00	Peak
3	5156.500	40.10	3.65	43.75	-30.25	74.00	Peak
4	* 6686.500	38.43	8.78	47.21	-26.79	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2422MHz (Beamforming Mode)	Test Voltage	110V/60Hz

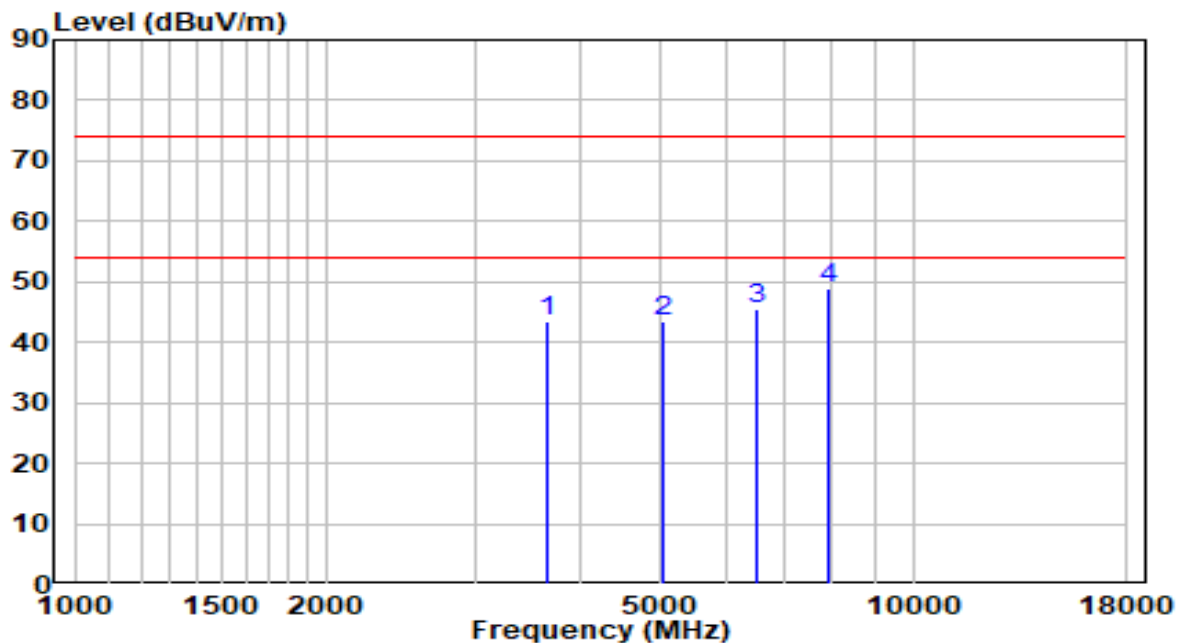


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3635.000	42.86	-0.88	41.97	-32.03	74.00	Peak
2	4723.000	40.33	3.00	43.33	-30.67	74.00	Peak
3	6159.500	38.62	6.40	45.02	-28.98	74.00	Peak
4	* 7944.500	35.87	12.17	48.04	-25.96	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz (Beamforming Mode)	Test Voltage	110V/60Hz

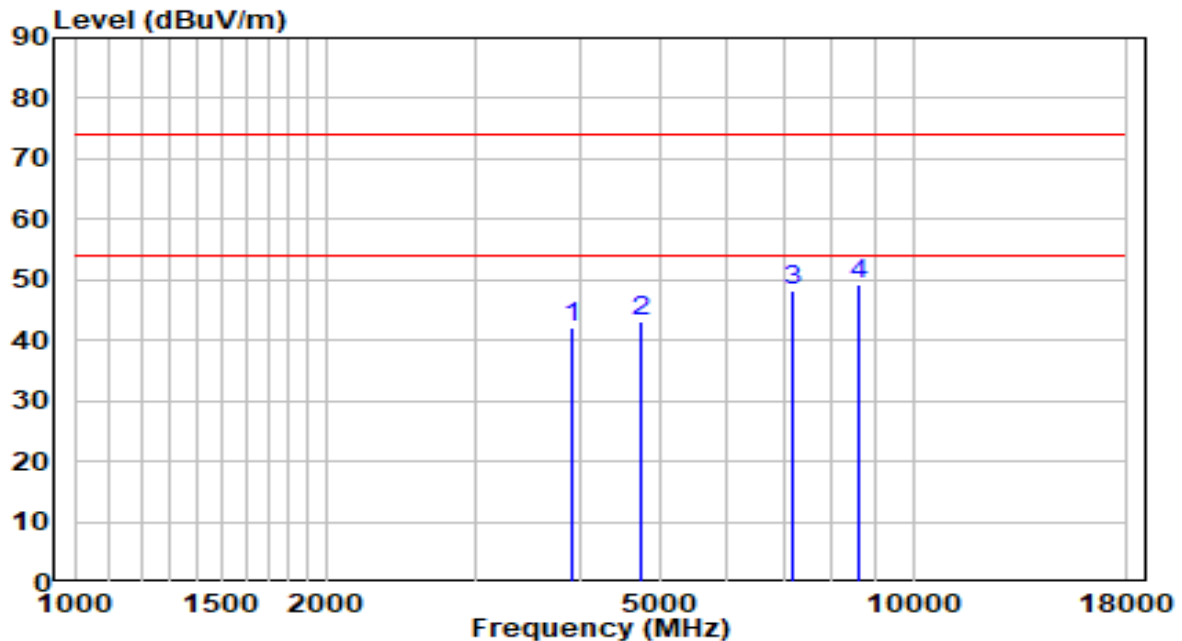


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3652.000	44.31	-0.84	43.47	-30.53	74.00	Peak
2	5037.500	39.91	3.57	43.49	-30.51	74.00	Peak
3	6516.500	37.81	7.79	45.60	-28.40	74.00	Peak
4	* 7927.500	36.75	12.16	48.91	-25.09	74.00	Peak

Note:

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

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz (Beamforming Mode)	Test Voltage	110V/60Hz

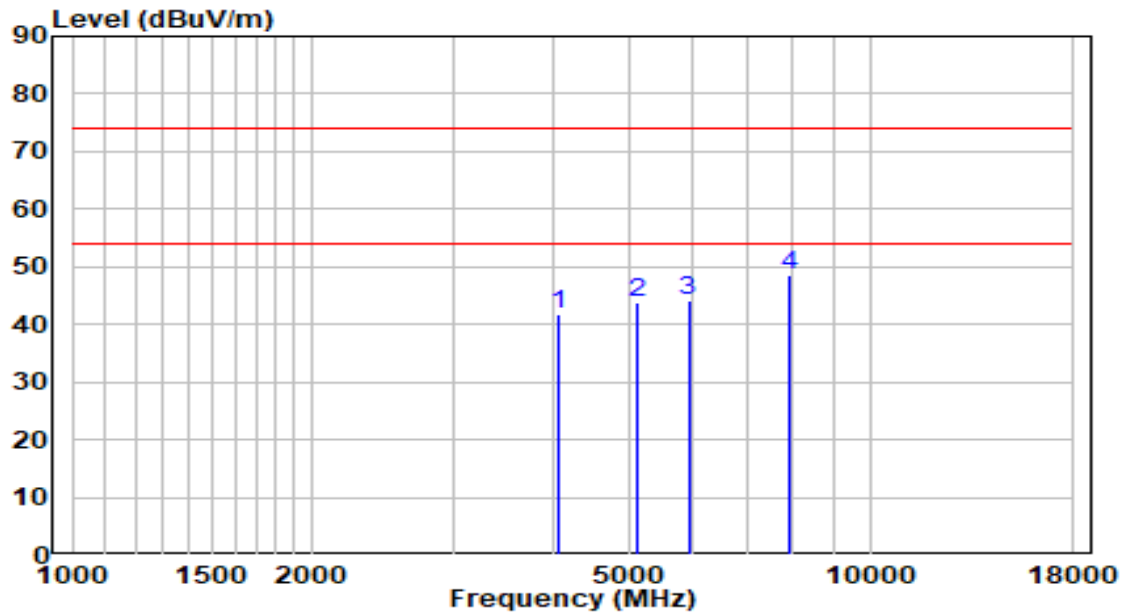


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3915.500	42.17	-0.14	42.03	-31.97	74.00	Peak
2	4723.000	40.18	3.00	43.18	-30.82	74.00	Peak
3	7196.500	37.07	11.04	48.11	-25.89	74.00	Peak
4	* 8616.000	36.47	12.76	49.23	-24.77	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2452MHz (Beamforming Mode)	Test Voltage	110V/60Hz

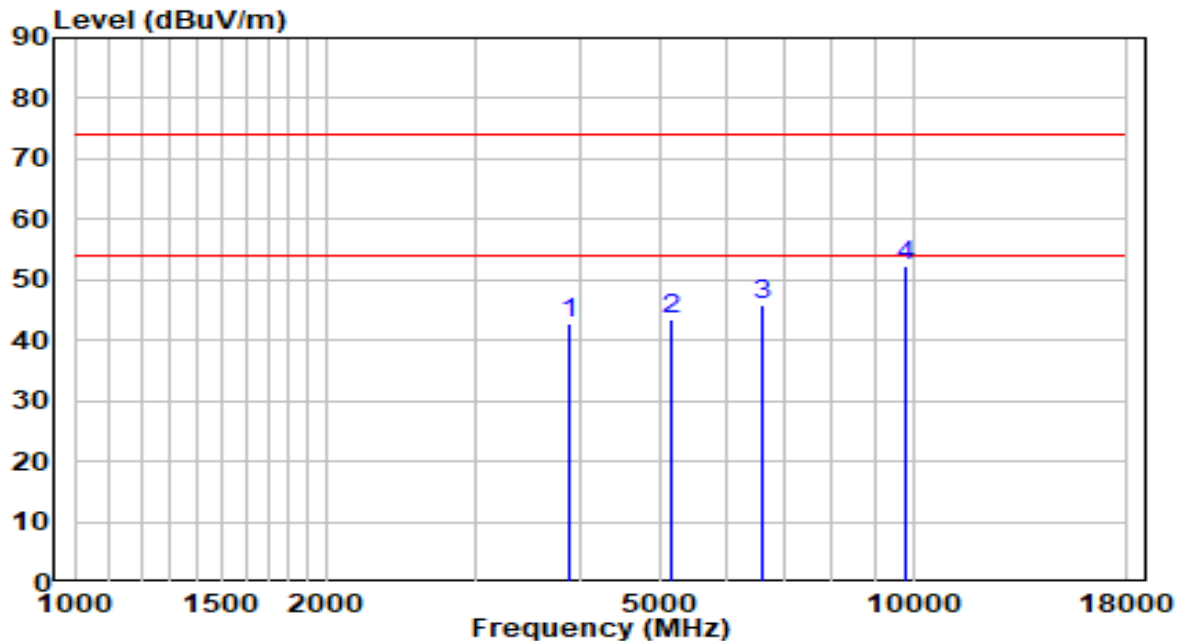


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4068.500	41.34	0.42	41.76	-32.24	74.00	Peak
2	5105.500	40.11	3.62	43.73	-30.27	74.00	Peak
3	5921.500	38.73	5.49	44.22	-29.78	74.00	Peak
4	* 7936.000	36.38	12.16	48.54	-25.46	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23.0°C/35.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11ax-HE40 at channel 2452MHz (Beamforming Mode)	Test Voltage	110V/60Hz



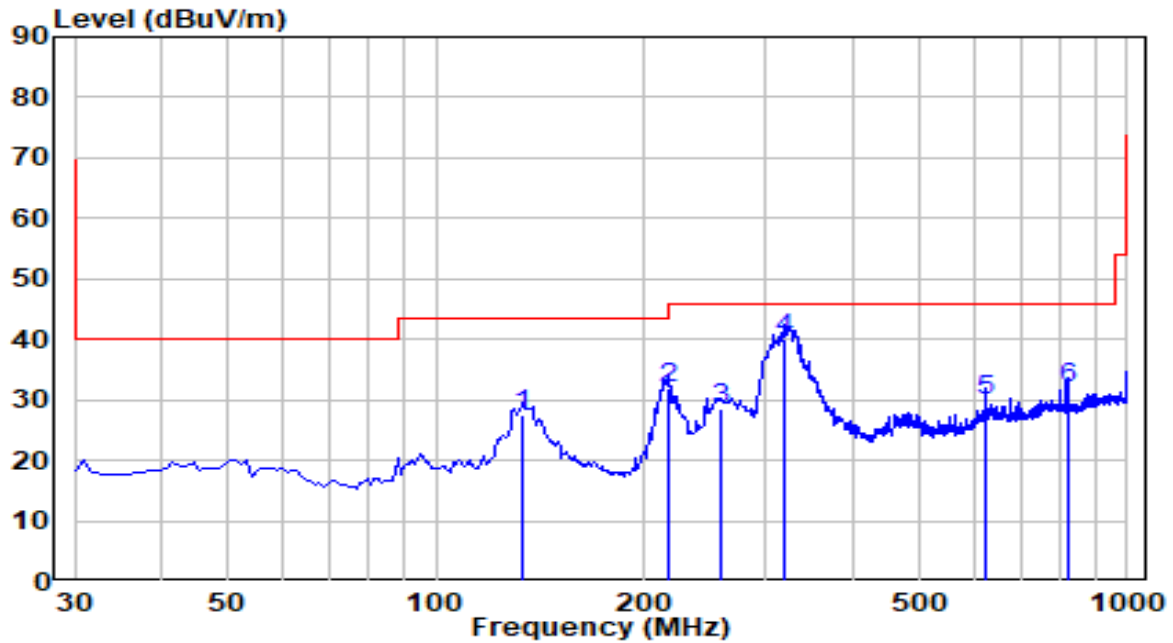
No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	3898.500	43.10	-0.19	42.91	-31.09	74.00	Peak
2	5148.000	39.80	3.64	43.44	-30.56	74.00	Peak
3	6593.000	37.65	8.24	45.88	-28.12	74.00	Peak
4	* 9763.500	37.85	14.48	52.34	-21.66	74.00	Peak

Note:

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

The Worst Case of Radiated Emission below 1GHz:

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Mode 1: 802.11b (1Mbps) (CDD mode)	Test Voltage	110V/60Hz

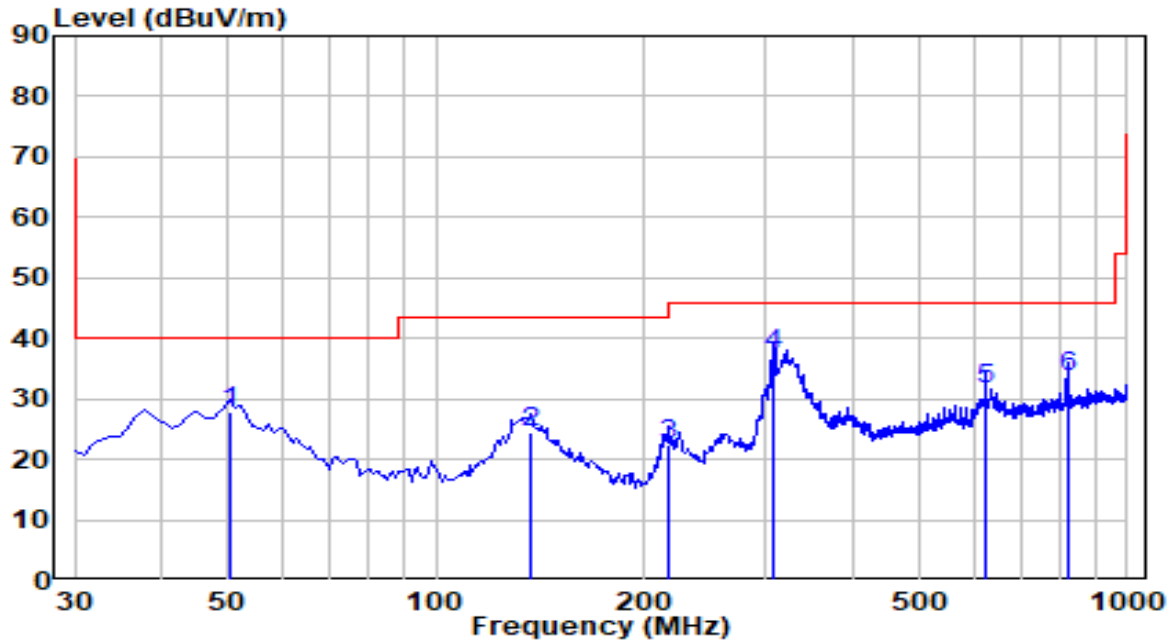


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	133.790	13.42	14.08	27.50	-16.00	43.50	QP
2	216.240	20.04	11.73	31.77	-14.23	46.00	QP
3	258.920	15.32	13.17	28.49	-17.51	46.00	QP
4	* 320.030	25.03	14.89	39.92	-6.08	46.00	QP
5	624.610	8.73	21.09	29.82	-16.18	46.00	QP
6	821.520	8.32	23.46	31.78	-14.22	46.00	QP

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.

EUT	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /54%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Mode 1: 802.11b (1Mbps) (CDD mode)	Test Voltage	110V/60Hz

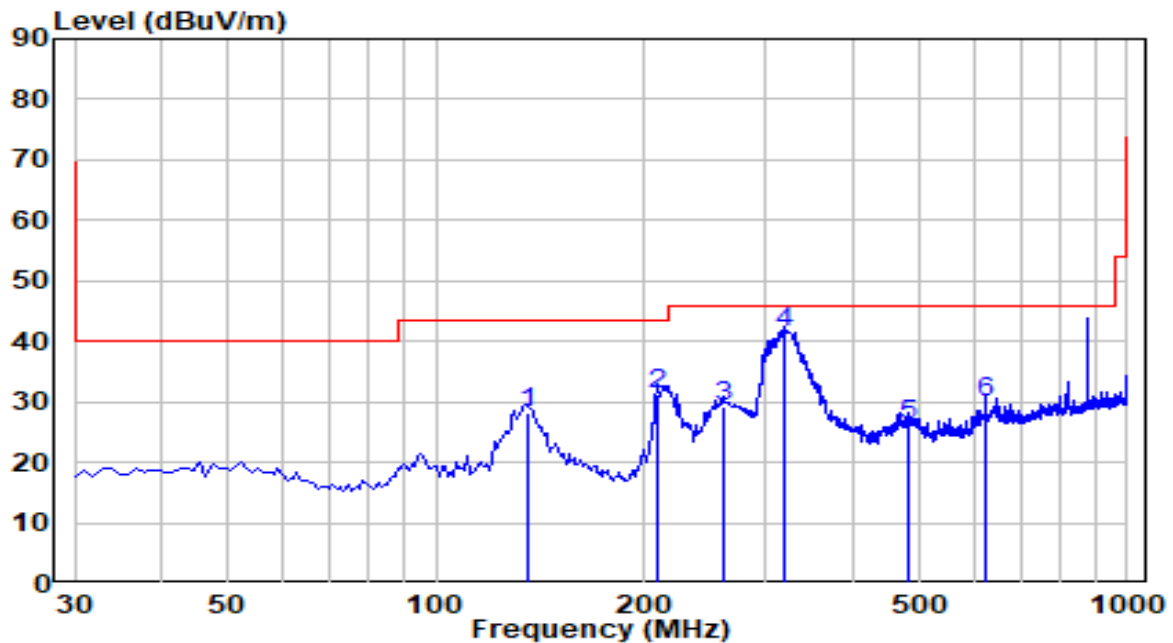


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	50.370	13.88	14.11	27.99	-12.01	40.00	QP
2	136.700	10.04	14.30	24.34	-19.16	43.50	QP
3	217.210	10.53	11.79	22.32	-23.68	46.00	QP
4	* 307.420	22.73	14.54	37.27	-8.73	46.00	QP
5	624.610	10.42	21.09	31.51	-14.49	46.00	QP
6	819.580	10.14	23.45	33.59	-12.41	46.00	QP

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-14
Factor	AC1_VULB 9168_20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Normal operation	Test Voltage	110V/60Hz

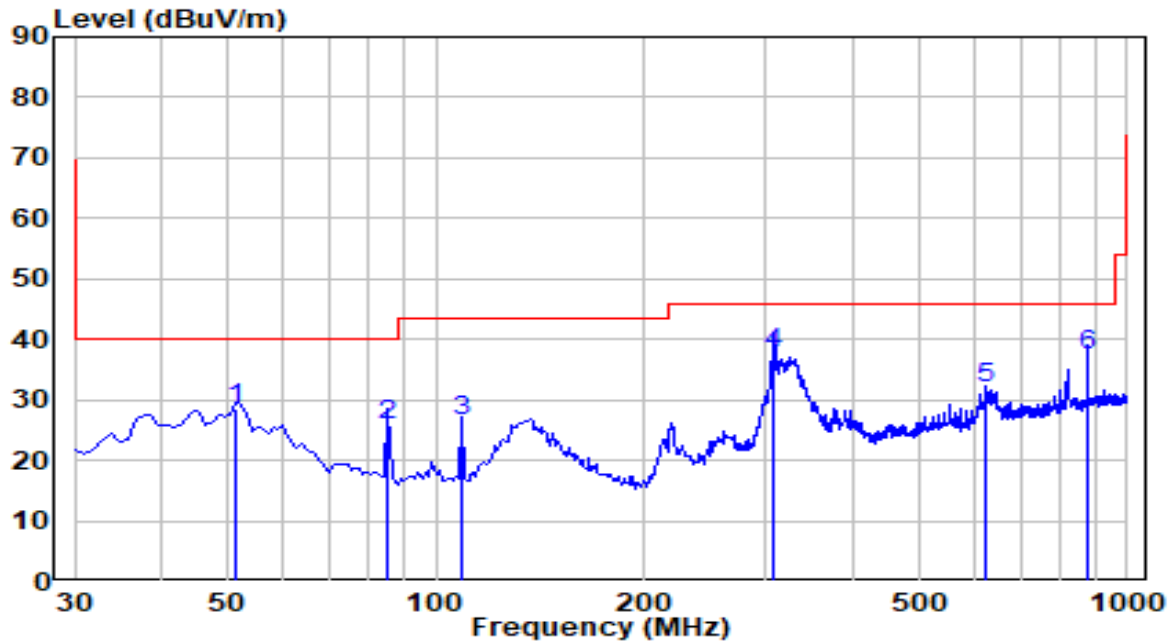


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	135.730	14.03	14.23	28.26	-15.24	43.50	QP
2	208.480	19.84	11.33	31.17	-12.33	43.50	QP
3	260.860	15.97	13.23	29.20	-16.80	46.00	QP
4	* 320.030	26.42	14.89	41.31	-4.69	46.00	QP
5	483.960	8.04	18.27	26.31	-19.69	46.00	QP
6	624.610	8.93	21.09	30.02	-15.98	46.00	QP

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-05-14
Factor	AC1_VULB 9168_20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Normal operation	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	51.340	7.11	21.44	28.55	-11.45	40.00	QP
2	85.290	10.21	15.60	25.81	-14.19	40.00	QP
3	108.570	7.64	18.85	26.49	-17.01	43.50	QP
4	* 308.390	16.04	21.74	37.78	-8.22	46.00	QP
5	624.610	3.97	27.90	31.87	-14.13	46.00	QP
6	874.870	5.98	31.38	37.36	-8.64	46.00	QP

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電機技術規範之第 3.10.1.5 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 3.10.1(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 2.7 節禁用頻段之輻射發射，應符合第 2.8 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。

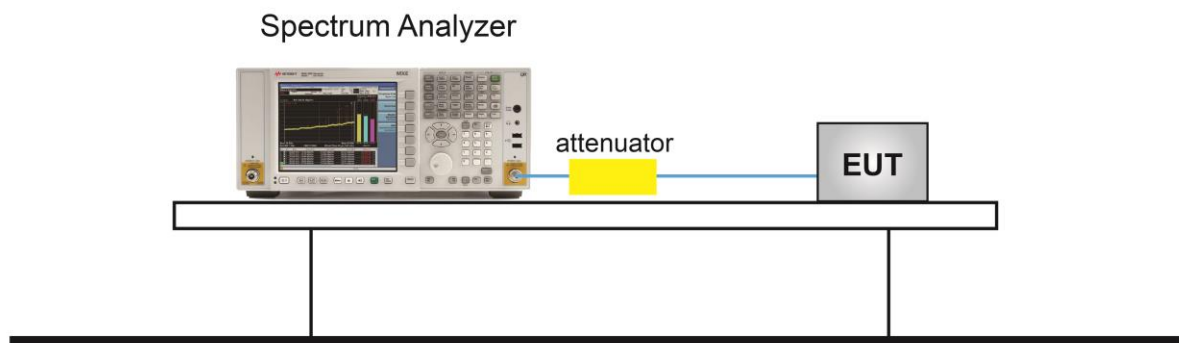
5.5.2. 量測方法

依據國家通訊傳播委員會低功率射頻電機技術規範之附件三，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	AX6600 三頻 Wi-Fi 6 路由器	溫度	23 ~ 25°C
測試工程師	Fran	濕度	46 ~ 54%
測試場地	SR2	測試日期	2020/04/06 ~ 2020/05/19

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	30	Pass
802.11b	1Mbps	06	2437	30	Pass
802.11b	1Mbps	11	2462	30	Pass
802.11g	6Mbps	01	2412	30	Pass
802.11g	6Mbps	06	2437	30	Pass
802.11g	6Mbps	11	2462	30	Pass
802.11n-HT20	MCS0	01	2412	30	Pass
802.11n-HT20	MCS0	06	2437	30	Pass
802.11n-HT20	MCS0	11	2462	30	Pass
802.11n-HT40	MCS0	03	2422	30	Pass
802.11n-HT40	MCS0	06	2437	30	Pass
802.11n-HT40	MCS0	09	2452	30	Pass
802.11ax-HE20	MCS0	01	2412	30	Pass
802.11ax-HE20	MCS0	06	2437	30	Pass
802.11ax-HE20	MCS0	11	2462	30	Pass
802.11ax-HE40	MCS0	03	2422	30	Pass
802.11ax-HE40	MCS0	06	2437	30	Pass
802.11ax-HE40	MCS0	09	2452	30	Pass

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

Channel 01 (2412MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 01 (2412MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 01 (2412MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 03 (2422MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 09 (2452MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 01 (2412MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 03 (2422MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



802.11ax-HET40 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 09 (2452MHz)

100kHz PSD reference Level



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電機技術規範之第 3.10.1.5 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電機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電機技術規範 3.10.1(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 2.7 節禁用頻段之輻射發射，應符合第 2.8 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電機技術規範之第 2.8 節，低功率射頻電機，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。

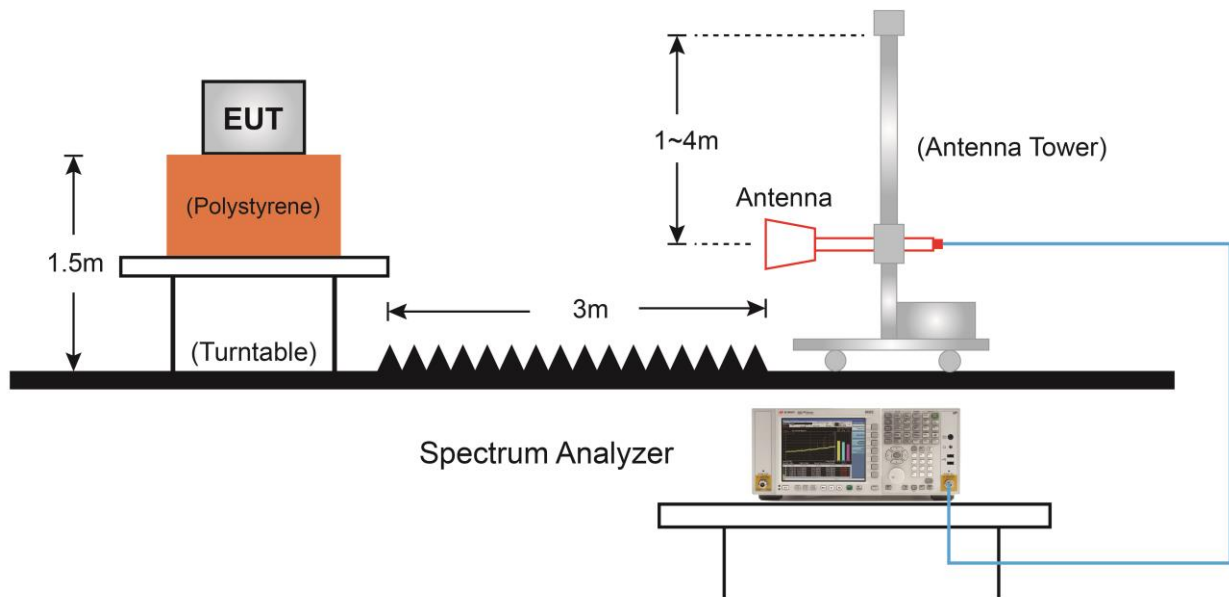
頻 率(兆赫)	電場強度(微伏/公尺)	測距(公尺)
0.009 - 0.490(含)	2,400/頻率(千赫)	300
0.490 (不含) - 1.705 (含)	24,000/頻率(千赫)	30
1.705(不含) - 30 (不含)	30	30
30 (含) - 88 (含)	100	3
88 (不含) - 216 (含)	150	3
216 (不含) - 960 (含)	200	3
960 (不含)以上	500	3

上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz)以上之發射，其量測以平均值檢波器為基準，且須符合第 5.14 節之規定；其他頻率之發射，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須符合第 5.5 節之規定，而輻射發射之量測頻率範圍須符合第 5.12 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。(待測物擺設方式根據 ANSI C63.10-2013 版本，待測物放置桌中心，1G 以下擺設高度為 80cm/1G 以上擺設高度為 150cm)

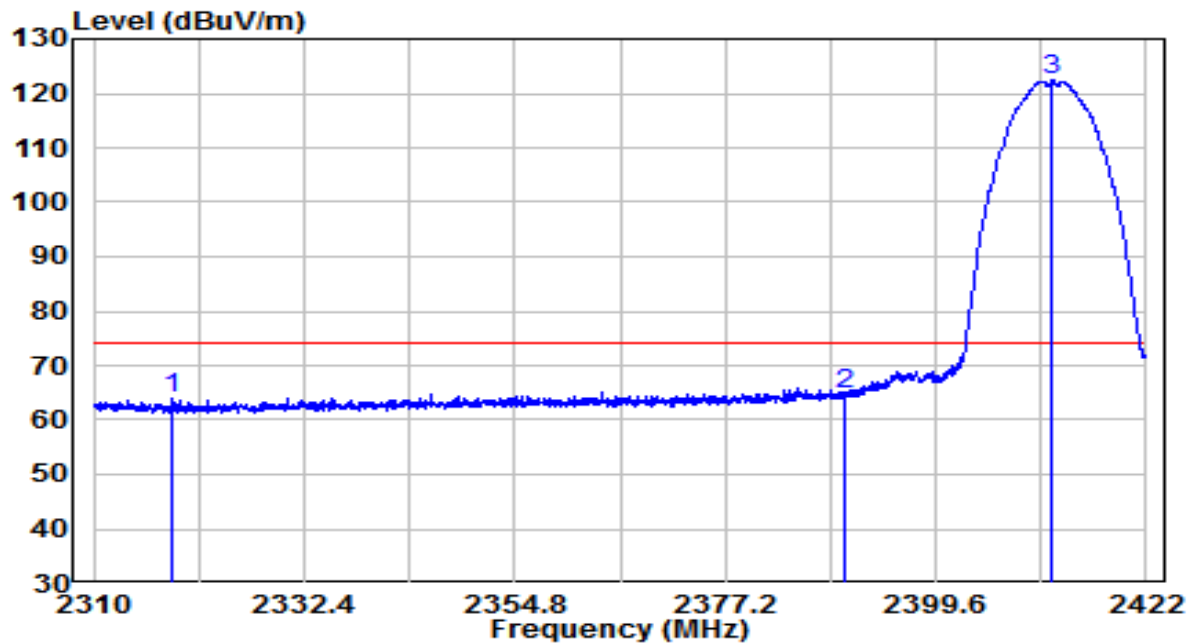
5.6.3. 測試架構圖



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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

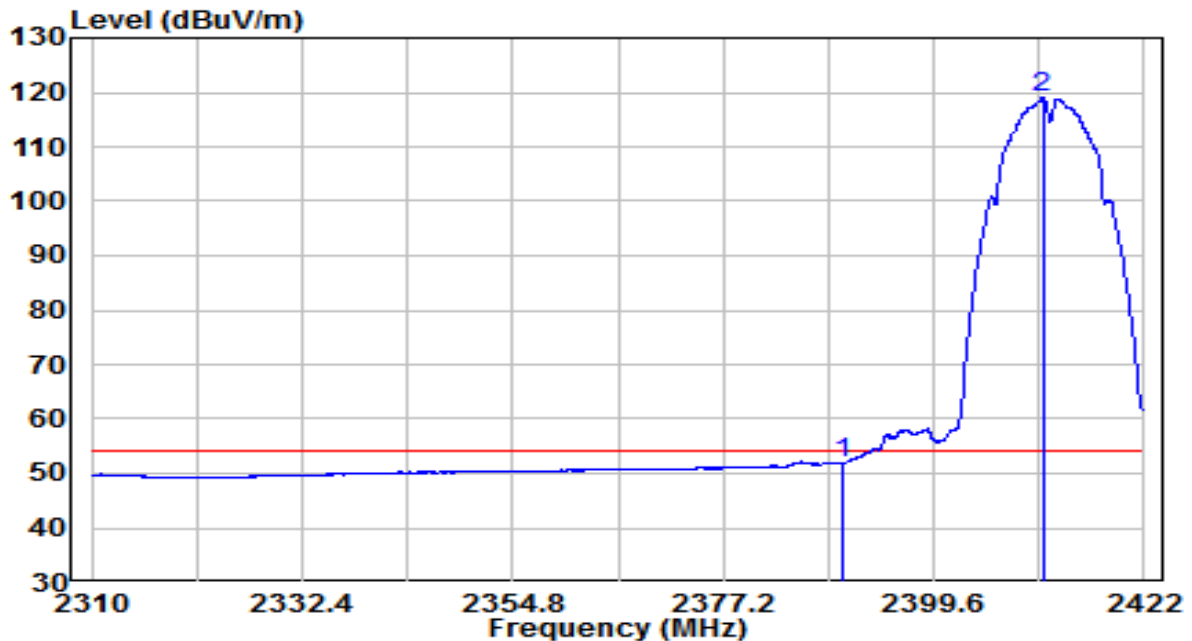


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2318.344	31.88	31.94	63.83	-10.17	74.00	Peak
2	2390.000	32.47	32.27	64.75	-9.25	74.00	Peak
3	* 2411.920	89.95	32.37	122.32	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

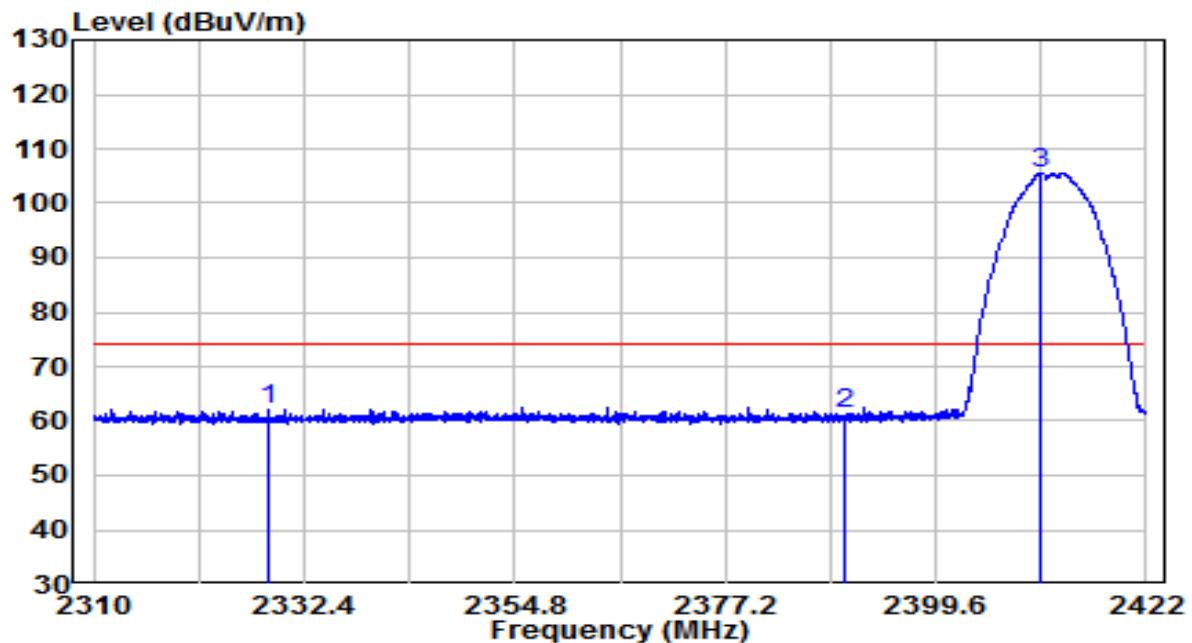


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.024	19.77	32.27	52.04	-1.96	54.00	Average
2	* 2411.192	86.61	32.37	118.99	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

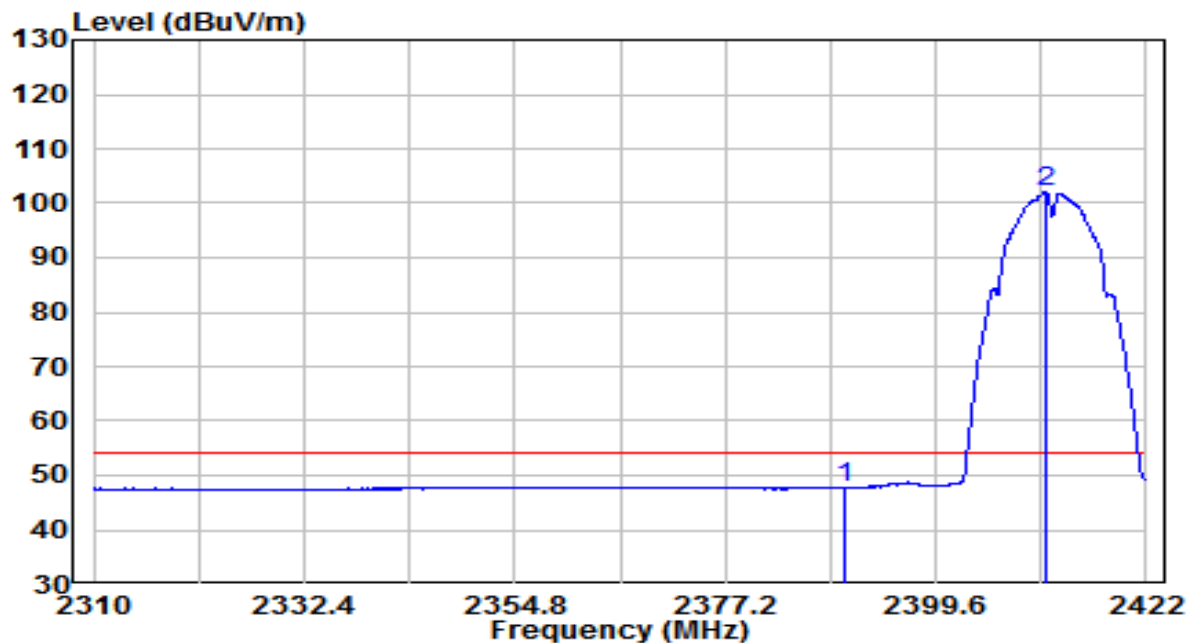


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2328.648	29.95	31.99	61.94	-12.06	74.00	Peak
2	2390.000	29.10	32.27	61.37	-12.63	74.00	Peak
3	* 2410.856	73.21	32.37	105.57	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

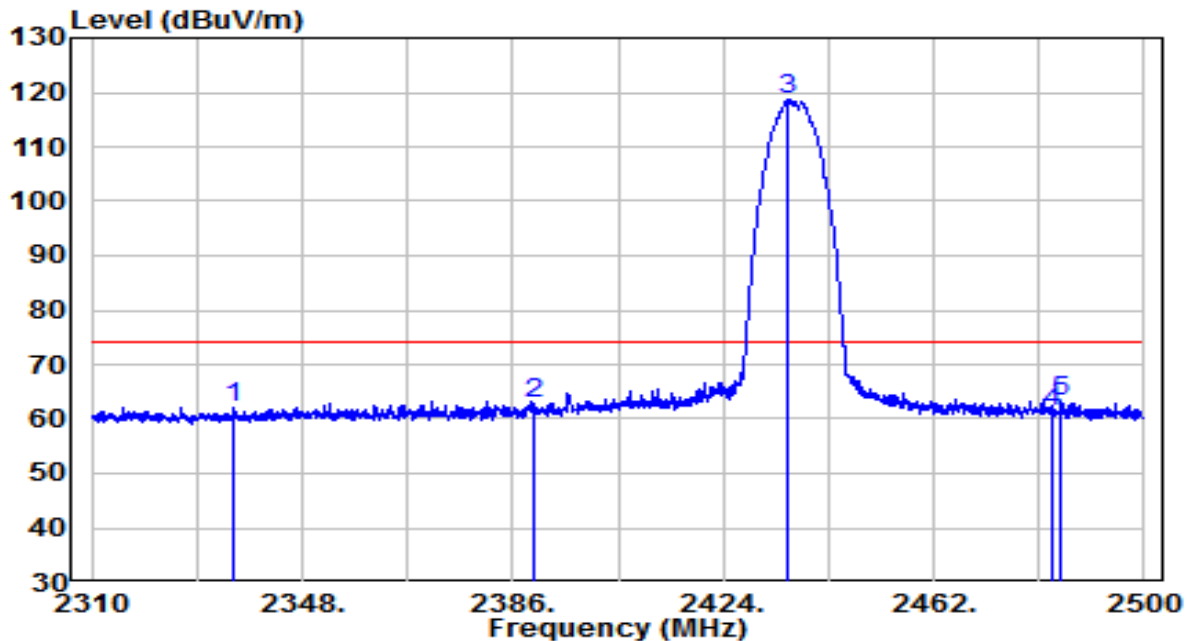


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.024	15.44	32.27	47.72	-6.28	54.00	Average
2	* 2411.304	69.77	32.37	102.14	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

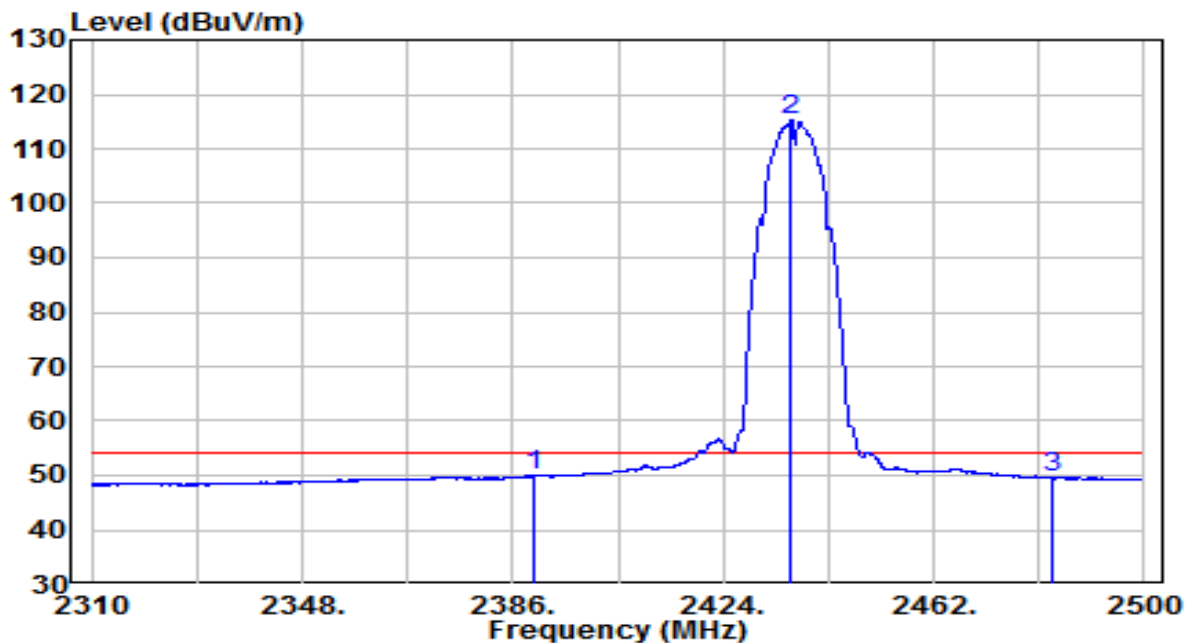


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	2335.460	30.19	32.02	62.21	-11.79	74.00	Peak
2	2390.000	30.39	32.27	62.66	-11.34	74.00	Peak
3 *	2435.685	86.06	32.48	118.54	N/A	N/A	Peak
4	2483.500	28.50	32.70	61.20	-12.80	74.00	Peak
5	2485.085	30.46	32.71	63.17	-10.83	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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

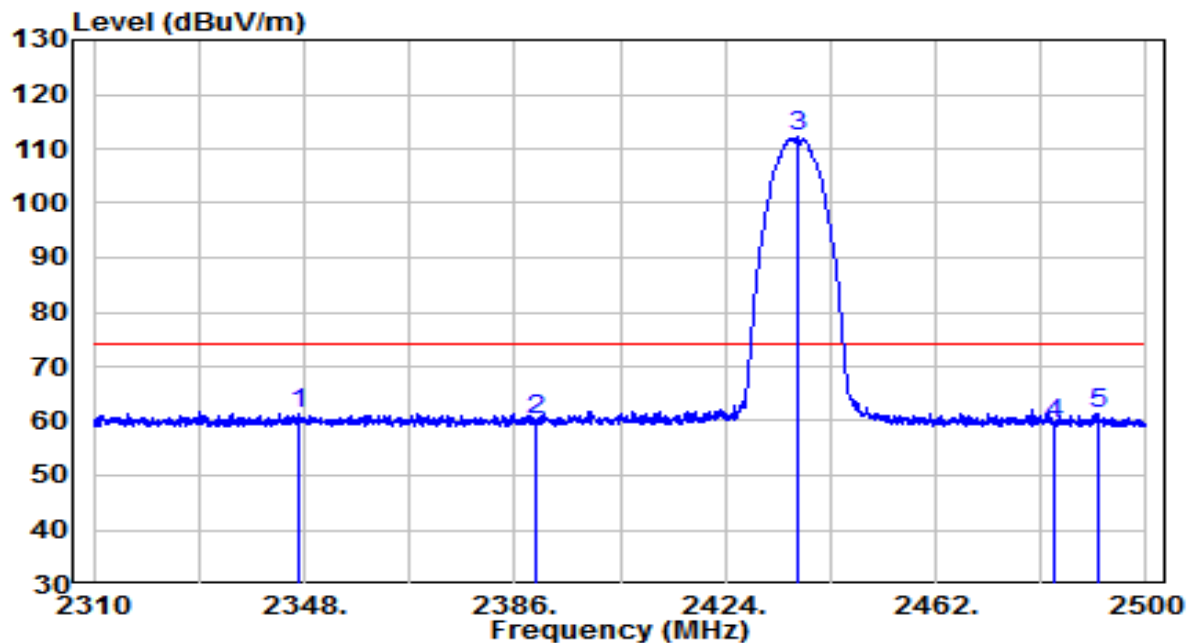


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	2389.990	17.55	32.27	49.83	-4.17	54.00	Average
2	* 2436.255	82.91	32.49	115.40	N/A	N/A	Average
3	2483.500	16.74	32.70	49.44	-4.56	54.00	Average

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

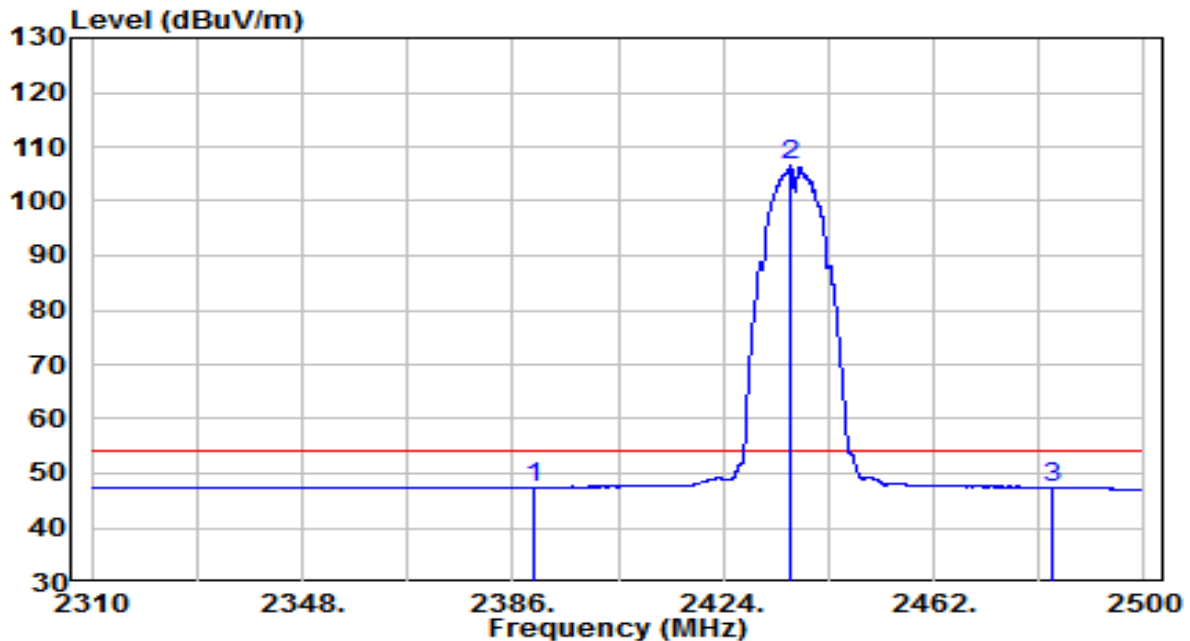


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2346.860	29.26	32.08	61.33	-12.67	74.00	Peak
2	2390.000	27.92	32.27	60.19	-13.81	74.00	Peak
3	* 2437.015	79.60	32.49	112.09	N/A	N/A	Peak
4	2483.500	26.87	32.70	59.57	-14.43	74.00	Peak
5	2491.545	28.47	32.74	61.21	-12.79	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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2437MHz (CDD Mode)	Test Voltage	110V/60Hz

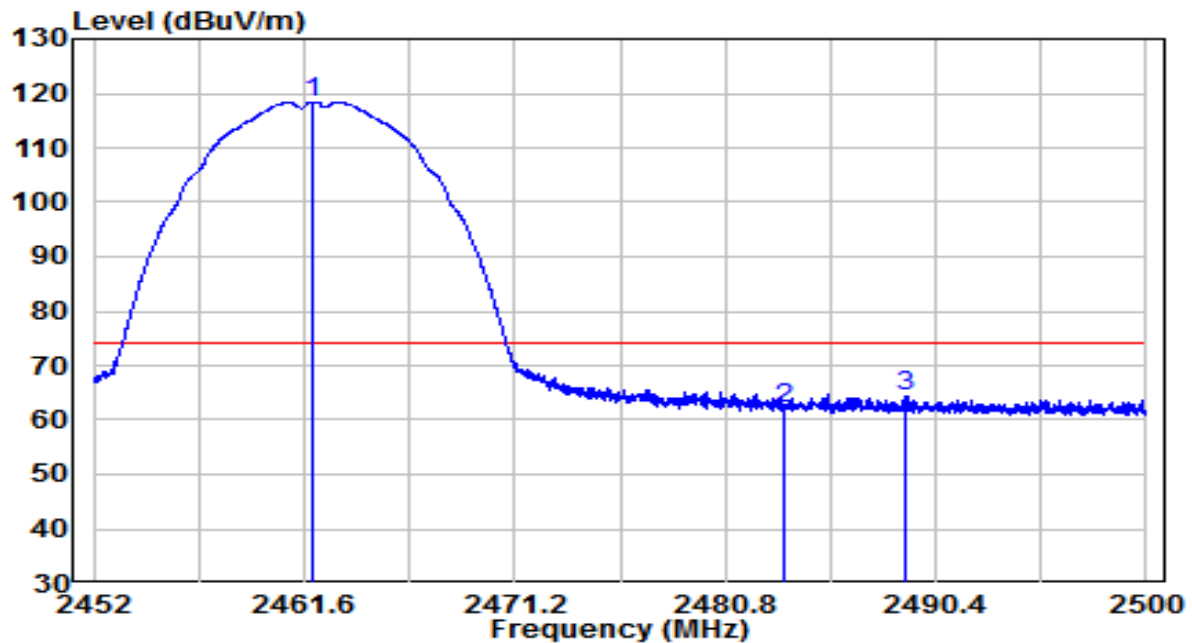


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	15.15	32.27	47.42	-6.58	54.00	Average
2	* 2436.160	74.01	32.49	106.50	N/A	N/A	Average
3	2483.500	14.70	32.70	47.40	-6.60	54.00	Average

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

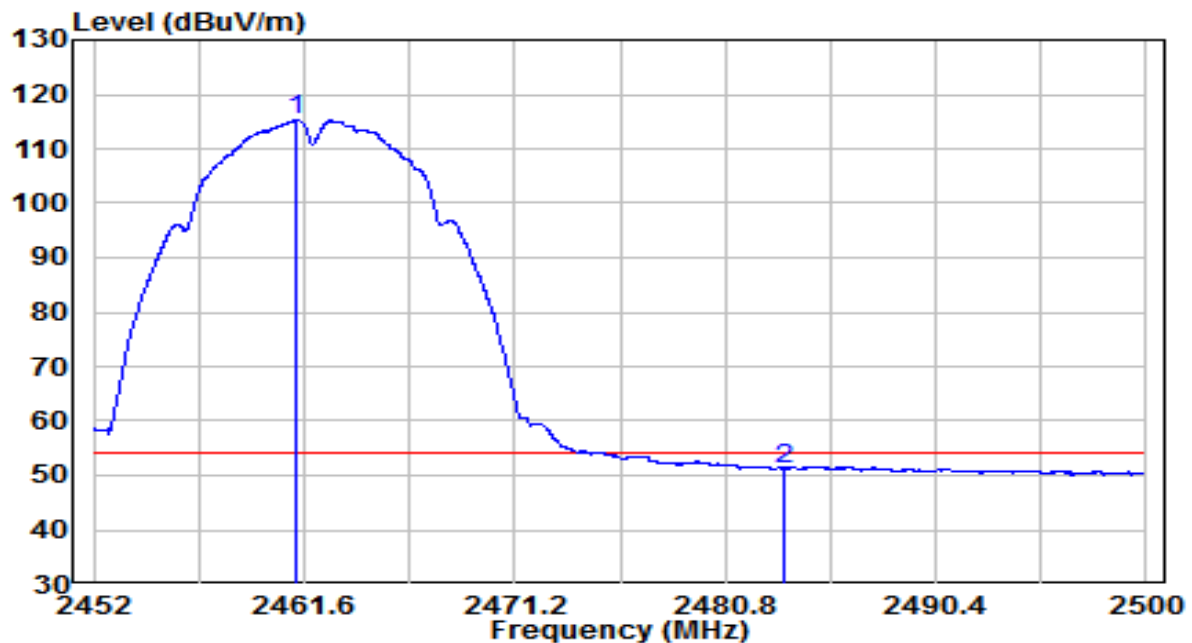


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.032	85.86	32.61	118.47	N/A	N/A	Peak
2		2483.500	29.48	32.70	62.18	-11.82	74.00	Peak
3		2489.056	31.80	32.73	64.53	-9.47	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

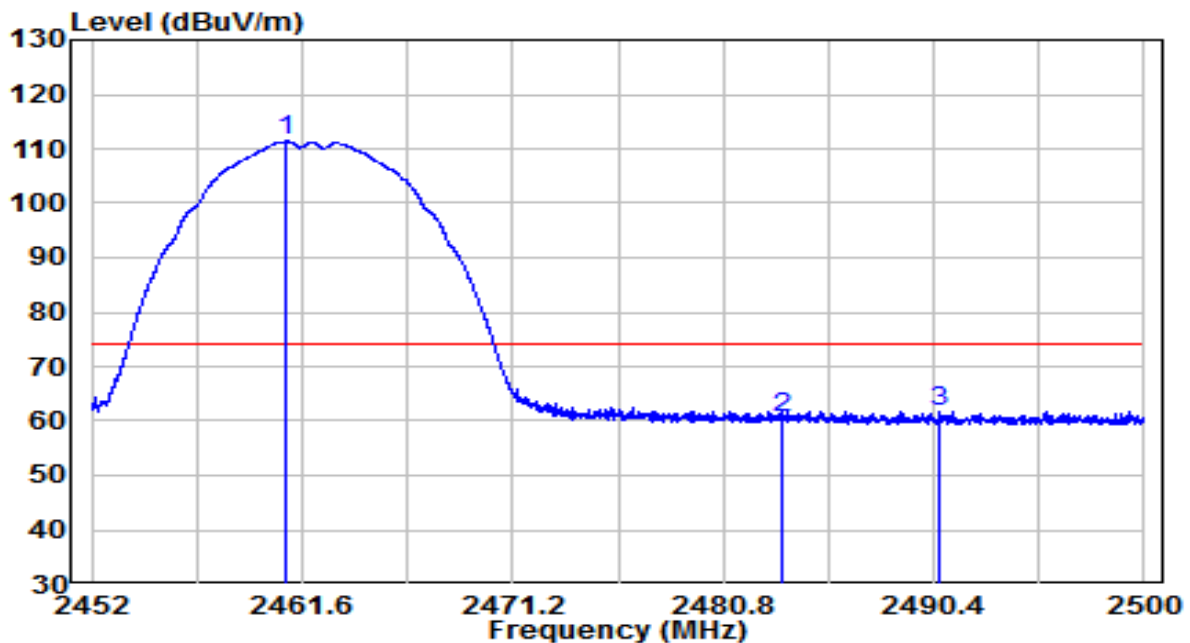


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.192	82.62	32.60	115.23	N/A	N/A	Average
2		2483.500	18.58	32.70	51.28	-2.72	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

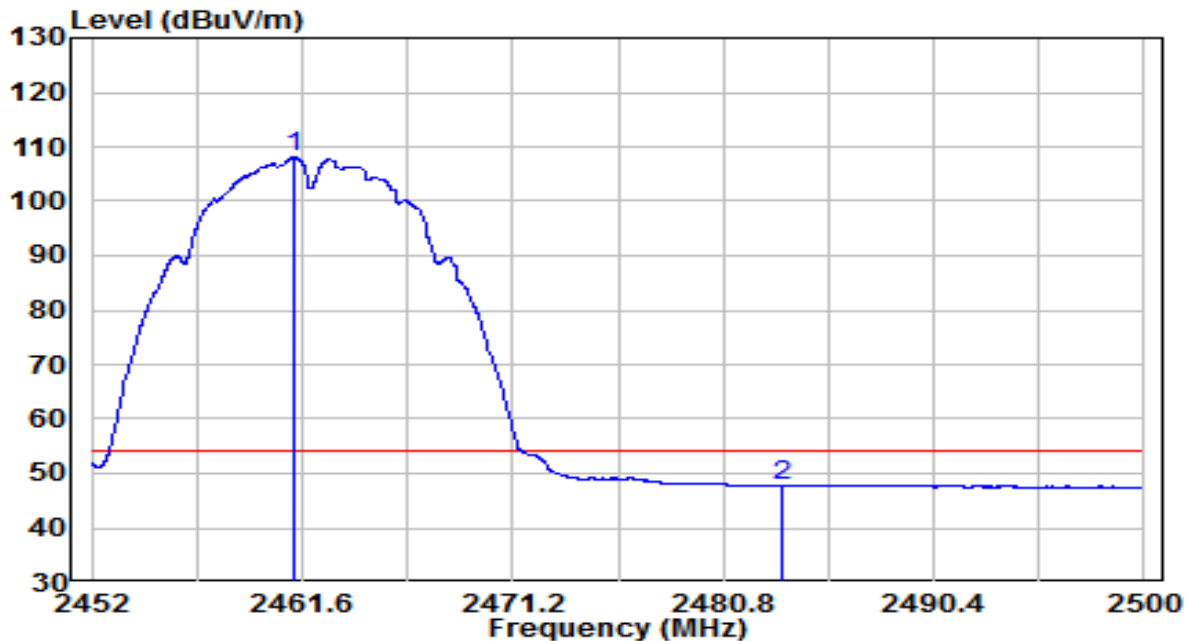


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.856	78.74	32.60	111.34	N/A	N/A	Peak
2		2483.500	27.74	32.70	60.44	-13.56	74.00	Peak
3		2490.640	29.10	32.74	61.84	-12.16	74.00	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11b at Channel 2462MHz (CDD Mode)	Test Voltage	110V/60Hz

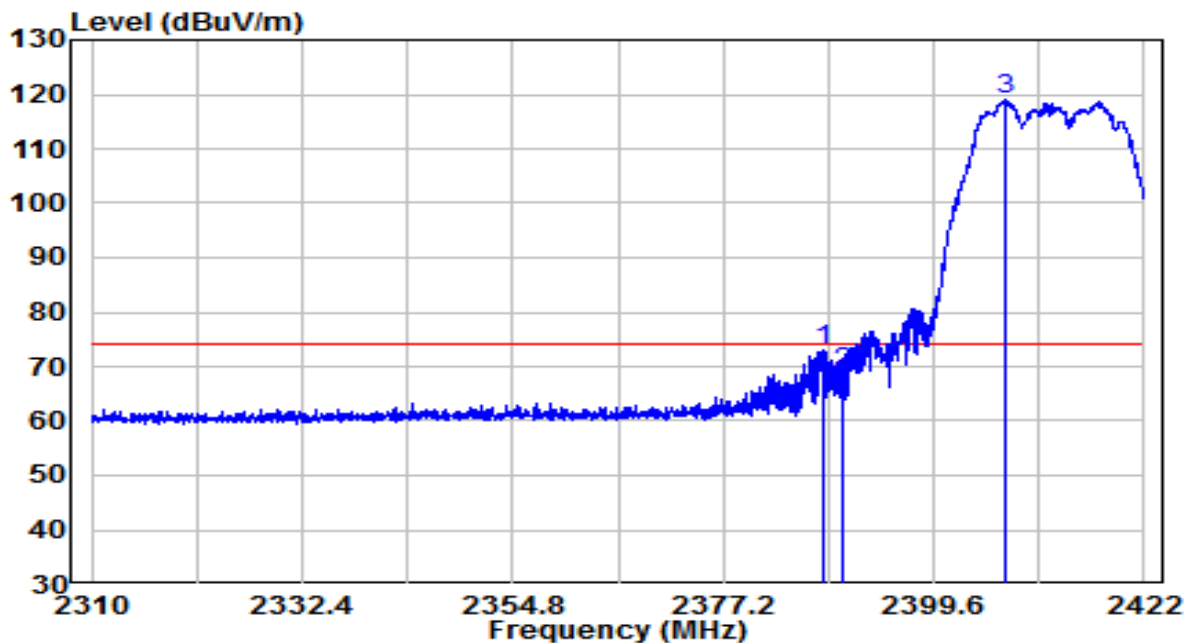


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.264	75.46	32.60	108.07	N/A	N/A	Average
2		2483.500	14.99	32.70	47.70	-6.30	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– 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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

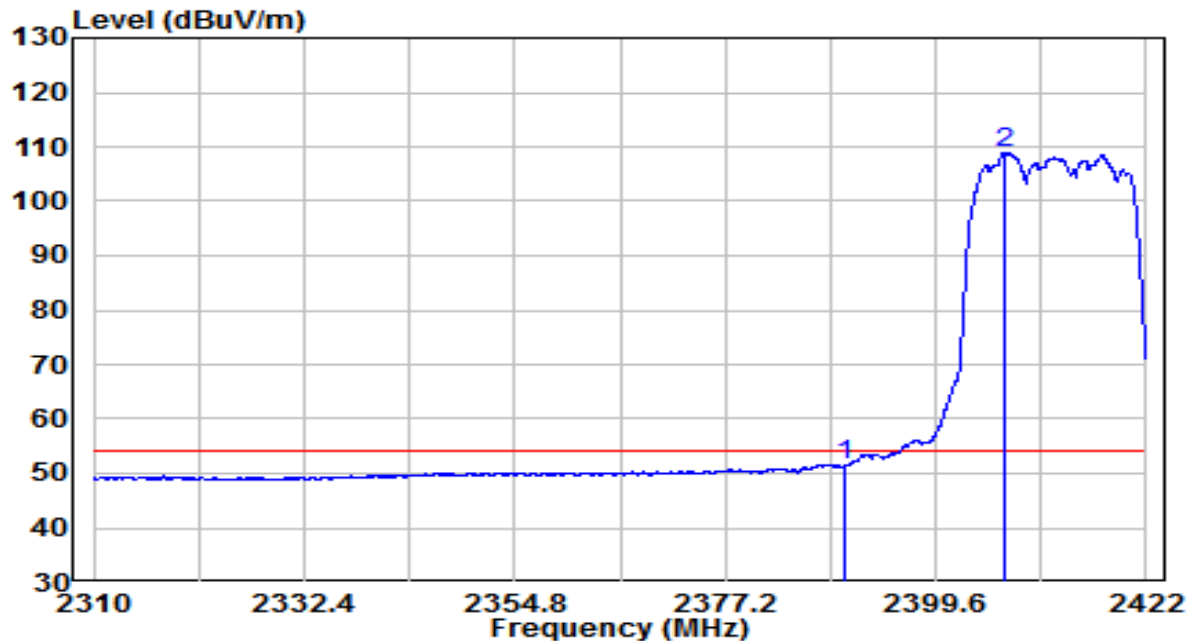


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2387.728	40.65	32.26	72.91	-1.09	74.00	Peak
2	2390.024	36.43	32.27	68.70	-5.30	74.00	Peak
3	* 2407.160	86.55	32.35	118.90	N/A	N/A	Peak

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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

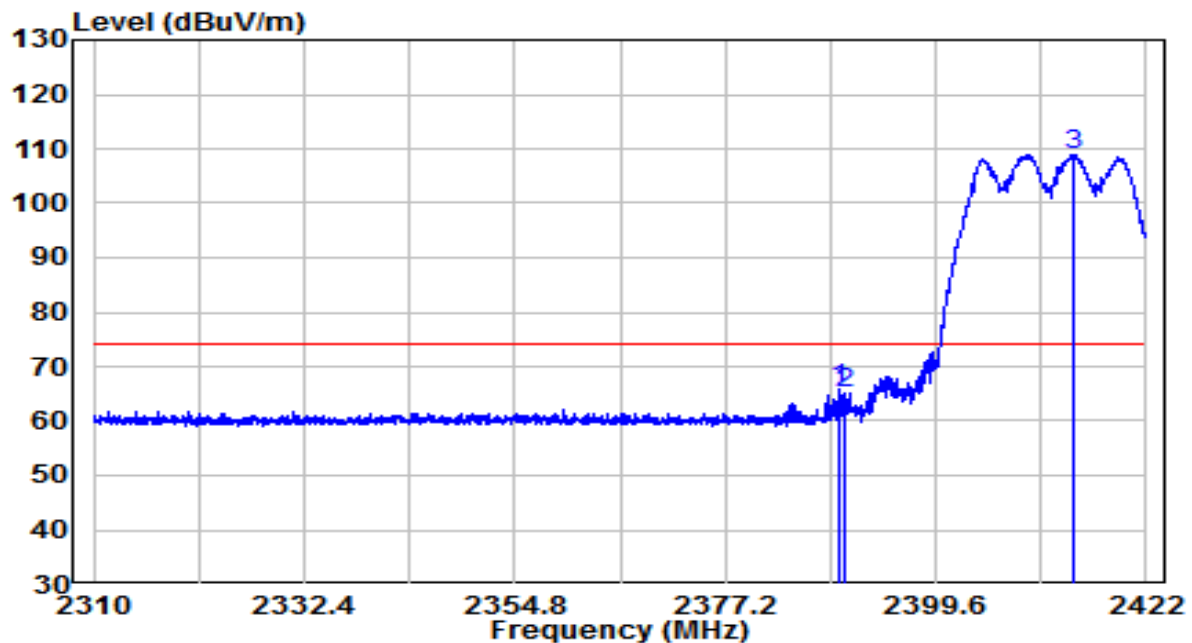


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	19.19	32.27	51.47	-2.53	54.00	Average
2	* 2406.880	76.53	32.35	108.88	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

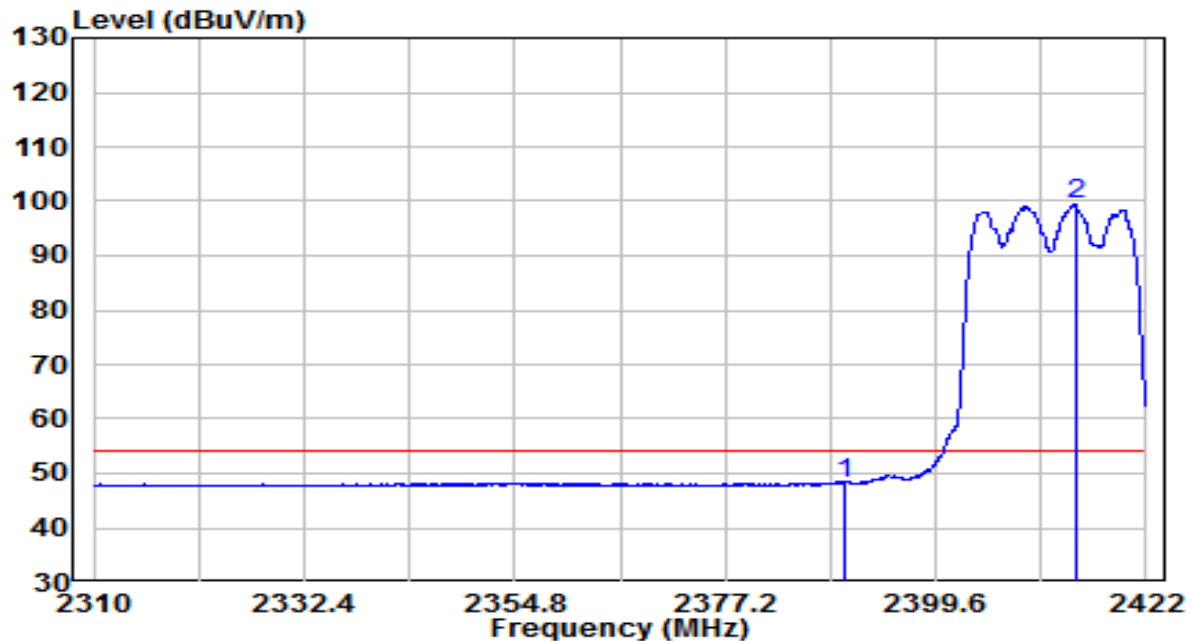


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.240	33.45	32.27	65.72	-8.28	74.00	Peak
2	2390.024	32.98	32.27	65.25	-8.75	74.00	Peak
3	* 2414.216	76.52	32.38	108.91	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	20.5°C/44%
Polarity	Vertical	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2412MHz (CDD Mode)	Test Voltage	110V/60Hz

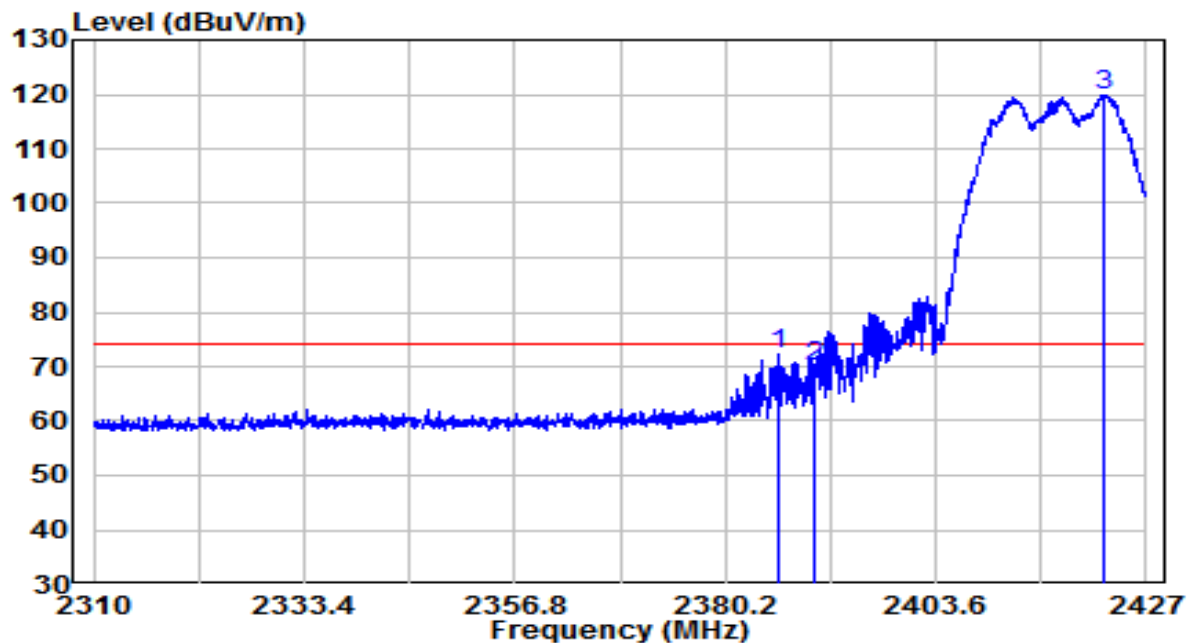


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	16.01	32.27	48.29	-5.71	54.00	Average
2	* 2414.440	66.92	32.39	99.31	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	43.6°C/22.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2417MHz (CDD Mode)	Test Voltage	110V/60Hz

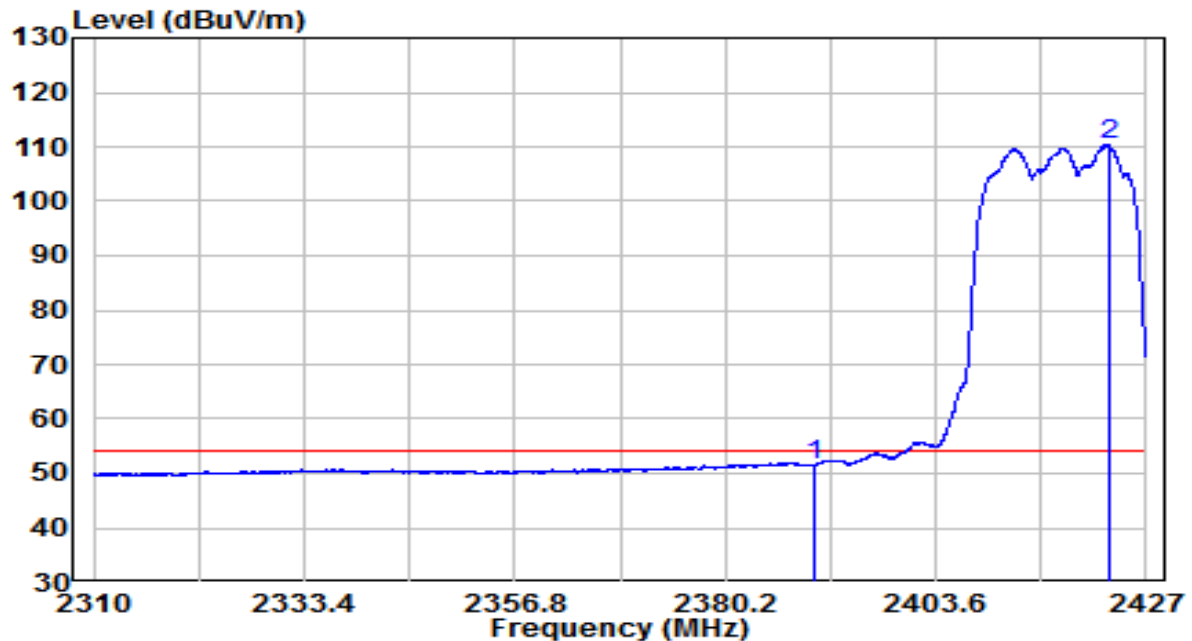


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.991	40.10	32.26	72.35	-1.65	74.00	Peak
2	2390.000	37.57	32.27	69.84	-4.16	74.00	Peak
3	* 2422.378	87.49	32.42	119.92	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	43.6°C/22.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2417MHz (CDD Mode)	Test Voltage	110V/60Hz

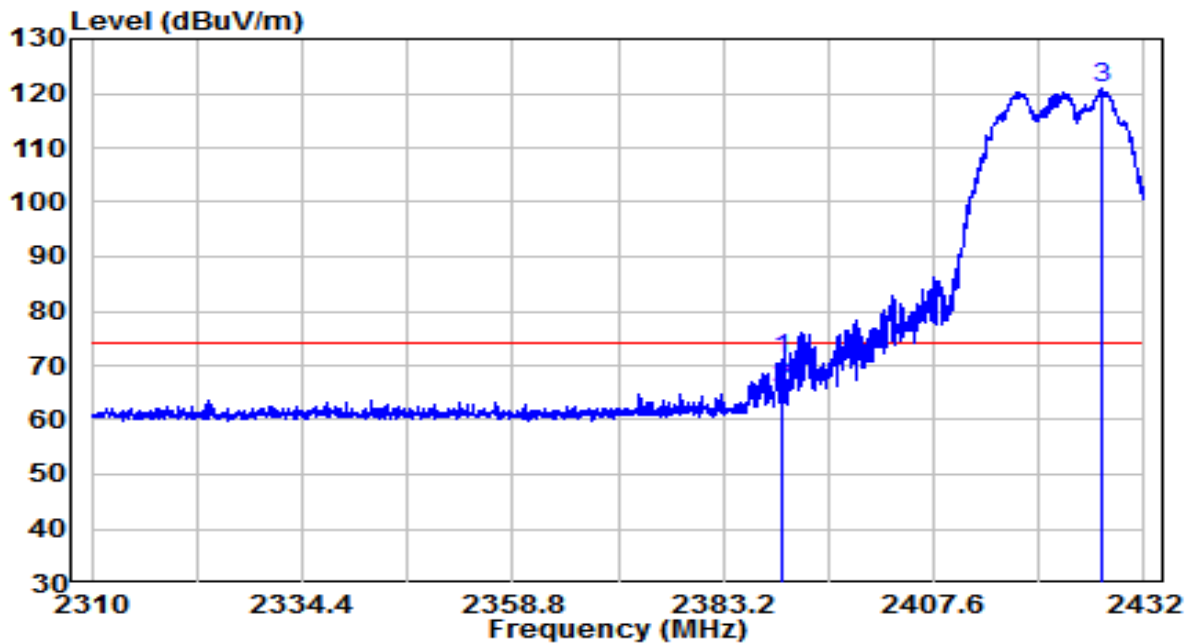


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.028	19.24	32.27	51.51	-2.49	54.00	Average
2	* 2422.846	77.86	32.42	110.28	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(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	AX6600 三頻 Wi-Fi 6 路由器	Date of Test	2020-04-18
Factor	BBHA 9120D	Temp. / Humidity	43.6°C/22.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Fran
Test Mode	Transmit by 802.11g at Channel 2422MHz (CDD Mode)	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.910	39.02	32.27	71.29	-2.71	74.00	Peak
2	2389.971	33.69	32.27	65.96	-8.04	74.00	Peak
3	* 2427.059	88.54	32.44	120.98	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)– 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.