



NCC

低功率射頻器材型式試驗報告

產品名稱 : AX3000 Wi-Fi 6 訊號延伸器
型號 : RE705X
廠牌 : tp-link
申請者 : 聯洲國際有限公司
申請者地址 : 新北市板橋區中山路一段 156 號 4 樓
測試標準 : LP0002 (109 年版)
參考法規 : ANSI C63.10-2013
測試結果 : 符合
接收日期 : 2021.09.24
測試日期 : 2021.09.29~2021.11.19

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3261

修訂紀錄

報告編號	版本	描述	發行日期
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1. 一般資訊

申請者	聯洲國際有限公司
申請者地址	新北市板橋區中山路一段 156 號 4 樓
製造商	普聯技術有限公司
製造商地址	深圳市南山區深南路科技園工業廠房 24 棟南段 1 層、3-5 層、 28 棟北段 1-4 層
實驗室	台灣曼瑞檢測科技有限公司
實驗室地址	33377 台灣桃園市龜山區復興二路 38 號
實驗室資訊	1. MRT facility is a FCC registered (Reg. No. 153292) 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 (Designation Number: TW3261), 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. 產品描述

2.1 產品資訊

產品名稱	AX3000 Wi-Fi 6 訊號延伸器
產品型號	RE705X
廠牌	tp-link
支援規格	2.4G: 802.11b/g/n-HT20/n-HT40/ax-HE20/ax-HE40 5G: 802.11a/n-HT20/ac-VHT20/n-HT40/ac-VHT40/ac-VHT80/ac-VHT160/ax-HE20/ax-HE40/ax-HE80/ax-HE160
Wi-Fi 規格	802.11b/g/n-20/n-HT40/ax-HE20/ax-HE40 (2TX / 2RX)
頻率範圍	<u>2.4GHz:</u> For 802.11b/g/n-HT20/ax-HE20: 2412 ~ 2462 MHz 802.11n-HT40/ax-HE40: 2422 ~ 2452MHz
最大輸出功率 (Average)	802.11b: 27.25dBm 802.11g: 25.40dBm 802.11n-HT20: 24.02dBm 802.11n-HT40: 23.81dBm 802.11ax-HE20: 23.85dBm 802.11ax-HE40: 23.88dBm

2.2 產品規格

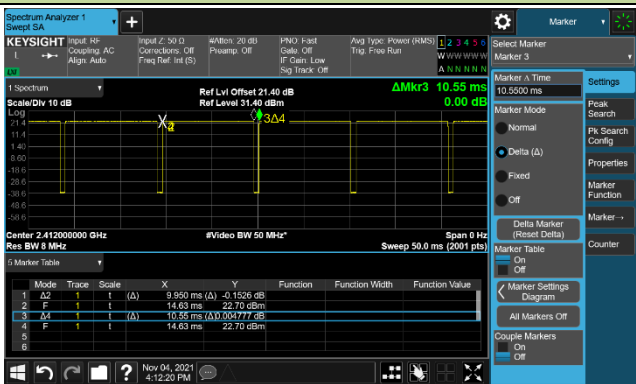
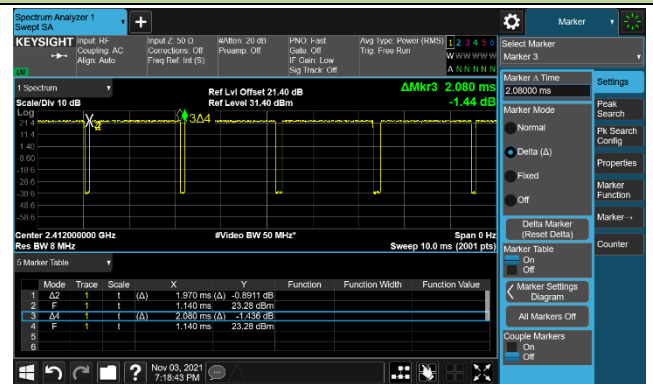
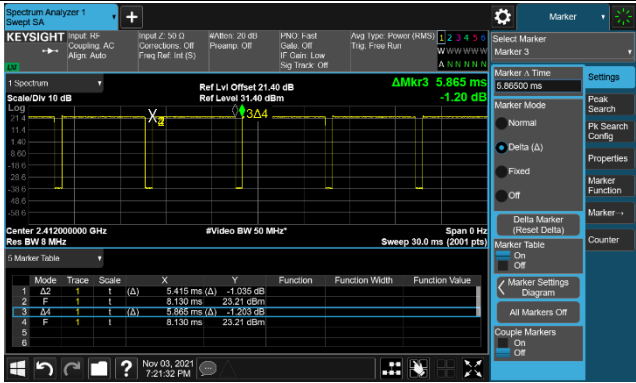
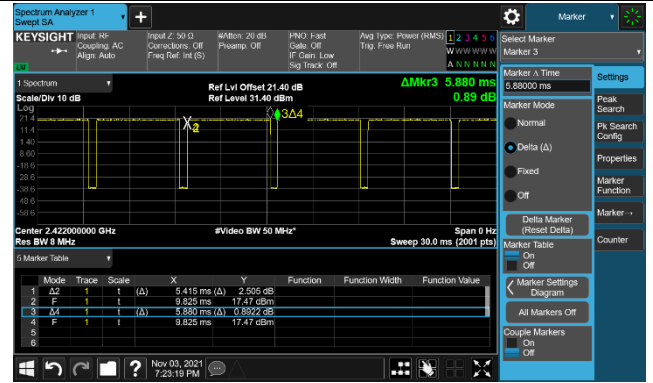
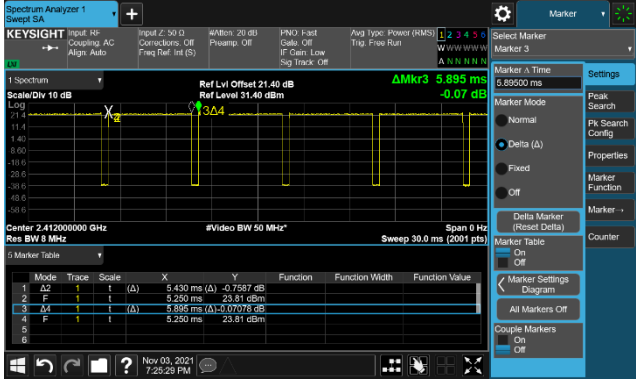
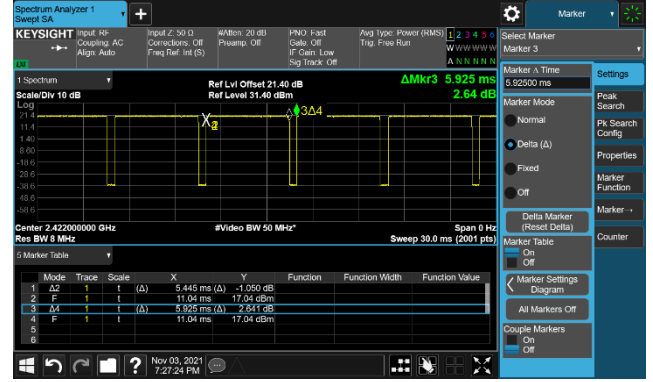
802.11b/g/n-HT20/n-HT40/ax-HE20/ax-HE40

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	--	--

Duty Cycle

Test Mode	Duty Cycle
802.11b	94.31%
802.11g	94.71%
802.11n-HT20	92.33%
802.11n-HT40	92.09%
802.11ax-HE20	92.11%
802.11ax-HE40	91.90%

Duty Cycle

802.11b (T = 9.95ms)	802.11g (T = 1.97ms)
	
802.11n-HT20 (T = 5.415ms)	802.11n-HT40 (T = 5.415ms)
	
802.11ax-HE20 (T = 5.430ms)	802.11ax-HE40 (T = 5.445ms)
	

2.3 測試模式

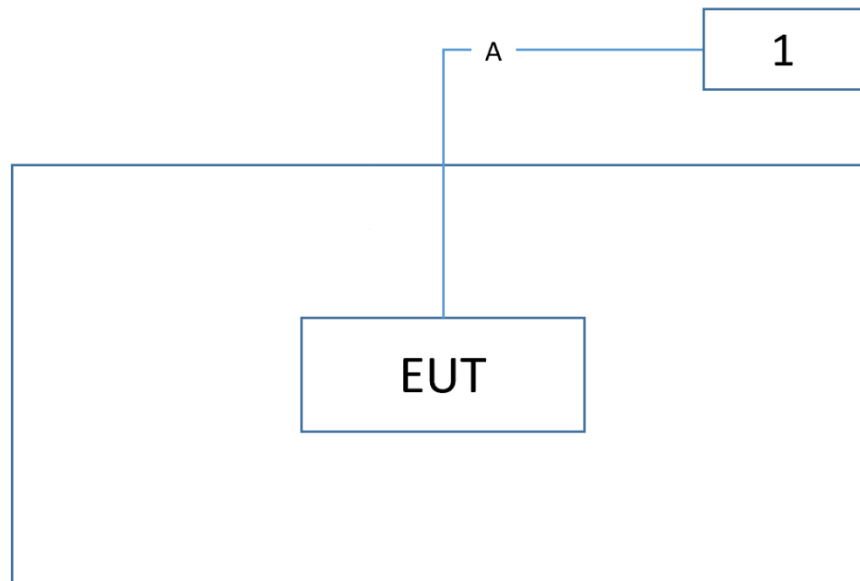
Test Mode	Mode 1: Transmit by 802.11b (CDD Mode)
	Mode 2: Transmit by 802.11g (CDD Mode)
	Mode 3: Transmit by 802.11n-HT20 (CDD Mode)
	Mode 4: Transmit by 802.11n-HT40 (CDD Mode)
	Mode 5: Transmit by 802.11ax-HE20 (MCS0) (CDD mode)
	Mode 6: Transmit by 802.11ax-HE40 (MCS0) (CDD mode)
	Mode 7: Receive Mode
	Mode 8: Normal Operation

備註:

1. 由於 802.11n 和 802.11ac 有相同的調變方式，所以報告中用 802.11ac-VHT20/VHT40 覆蓋 802.11n-HT20/HT40，並使用相同的功率設定值。
2. 經工程判斷，CDD mode 為 worst-case mode，故 CDD mode 下評估所有測試項，Beamforming mode 只評估傳導輸出功率。

2.4 測試配置

待測物測試配置圖



Signal Cable Type		Signal Cable Description
A	LAN Cable	Non shielded, > 10m (Brand: Power Sync, M/N:CAT5E-GR109-4)

2.5 測試周邊

待測裝置測試時，其搭配系統測試時之週邊裝置包括如下：

No.	周邊名稱	廠牌	型號	序號	電源線
1	Notebook PC	Lenovo	X240S	N/A	Non-shielded, 0.8m

2.6 操作程序

1.	Turn on the power of all equipment.
2.	Execute "QSPR v50-00186" program
3.	Configure the test channel and the data rate.
4.	Start test.

3. 測試設備明細

電源傳導 – SR2

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2022/3/23
Two-Line V-Network	R&S	ENV 216	MRTTWA00020	1 year	2022/4/24
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2022/3/24
Temperature/Humidity Meter	TFA	35.1083	MRTTWA00050	1 year	2022/6/3

輻射干擾 – AC1/AC2

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2022/4/27
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2022/10/4
Broadband Horn Antenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2022/4/24
Broadband Horn Antenna	RFSPIN	DRH18-E	MRTTWA00087	1 year	2022/6/28
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2022/4/24
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2022/4/24
Broadband Preamplifier	EMC Instruments corporation	EMC118A45SE	MRTTWA00088	1 year	2022/6/28
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2022/4/24
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2022/3/23
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2022/3/24
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/11/14
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2022/6/28
Cable	Rosnol	K1K50-UP0264-K1 K50-4M	MRTTWE00012	1 year	2022/6/20
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00034	1 year	2022/6/28
Cable	HUBERSUHNER	EMC105-NM-NM- 3000	MRTTWE00035	1 year	2022/6/28
Temperature/Humidity Meter	TFA	35.1078.10.IT	MRTTWA00032	1 year	2022/6/6

傳導量測設備 –SR2

儀器名稱	廠牌	型號	財產編號	校正年限	校正有效日期
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2022/4/21
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/11/14
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2022/7/19
Attenuator	WTI	218FS-20	MRTTWE00027	1 year	2022/6/16
Attenuator	WTI	218FS-10	MRTTWE00028	1 year	2022/6/16
Attenuator	WTI	218FS-06	MRTTWE00029	1 year	2022/6/16
Temperature/Humidity Meter	TFA	35.1083	MRTTWA00050	1 year	2022/6/3

EMI 測試軟體

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

4. 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% ($U=2U_c(y)$): 0.15MHz~30MHz: $\pm 2.53\text{dB}$
輻射干擾量測 (Radiated Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 9kHz~30MHz: $\pm 3.92\text{dB}$ 30MHz~1GHz: $\pm 4.25\text{dB}$ 1GHz~18GHz: $\pm 4.40\text{dB}$ 18GHz~40GHz: $\pm 4.45\text{dB}$
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% ($U=2U_c(y)$): $\pm 0.3\%$

5. 測試結果

產品名稱 AX3000 Wi-Fi 6 訊號延伸器

型號 RE705X

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

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 電源傳導測試

5.1.1 量測方法

待測物放置於1m*2m*0.8m之非導體桌面並離垂直牆面40cm（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。

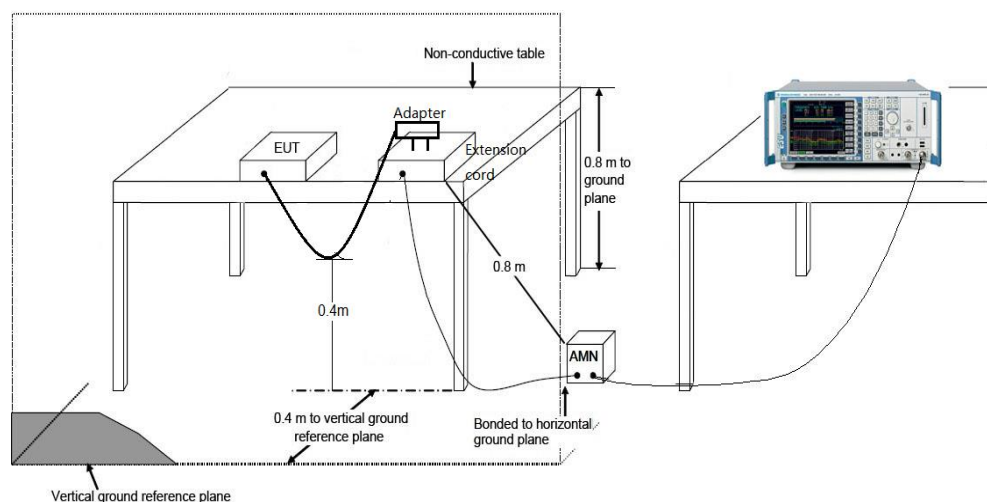
5.1.2 限制要求

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

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

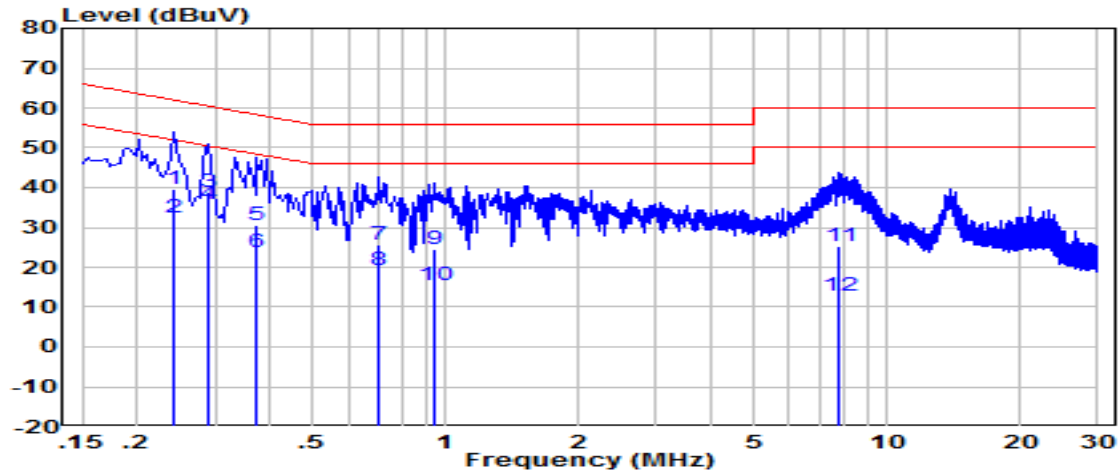
註:隨頻率之對數遞減

5.1.3 測試架構圖



5.1.4 電源端點測試結果

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-10
Factor	CE_ENV216-L1	Temp. / Humidity	22.9°C /36.5%
Polarity	Line1	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11b at channel 2437MHz	Test Voltage	110V/60Hz

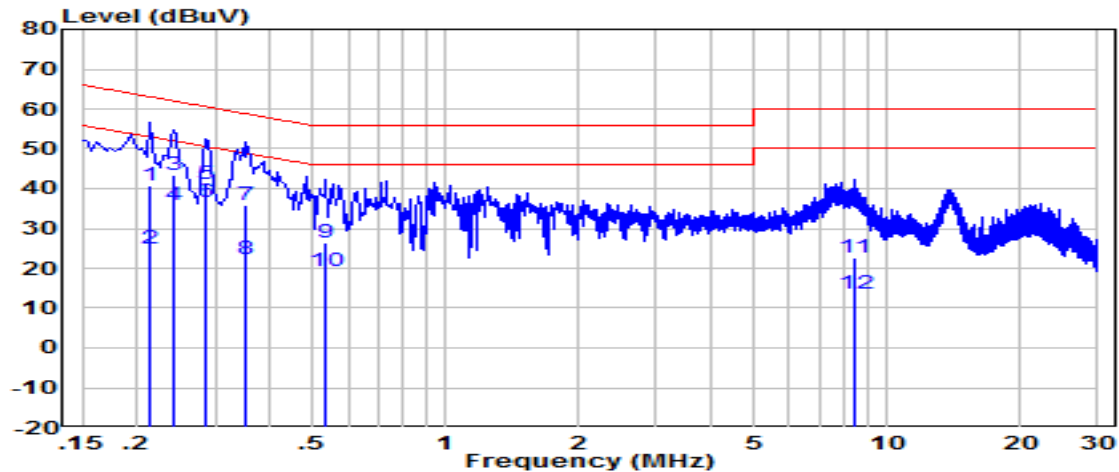


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.242	30.08	9.62	39.70	-22.33	62.03	QP
2	0.242	22.88	9.62	32.50	-19.53	52.03	Average
3	0.290	29.08	9.62	38.70	-21.82	60.52	QP
4	*	0.290	26.38	36.00	-14.52	50.52	Average
5	0.374	20.88	9.62	30.50	-27.91	58.41	QP
6	0.374	13.98	9.62	23.60	-24.81	48.41	Average
7	0.706	15.96	9.64	25.60	-30.40	56.00	QP
8	0.706	9.56	9.64	19.20	-26.80	46.00	Average
9	0.938	14.84	9.66	24.50	-31.50	56.00	QP
10	0.938	5.84	9.66	15.50	-30.50	46.00	Average
11	7.790	15.49	9.81	25.30	-34.70	60.00	QP
12	7.790	3.09	9.81	12.90	-37.10	50.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-10
Factor	CE_ENV216-N	Temp. / Humidity	22.9°C /36.5%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Transmit by 802.11b at channel 2437MHz	Test Voltage	110V/60Hz

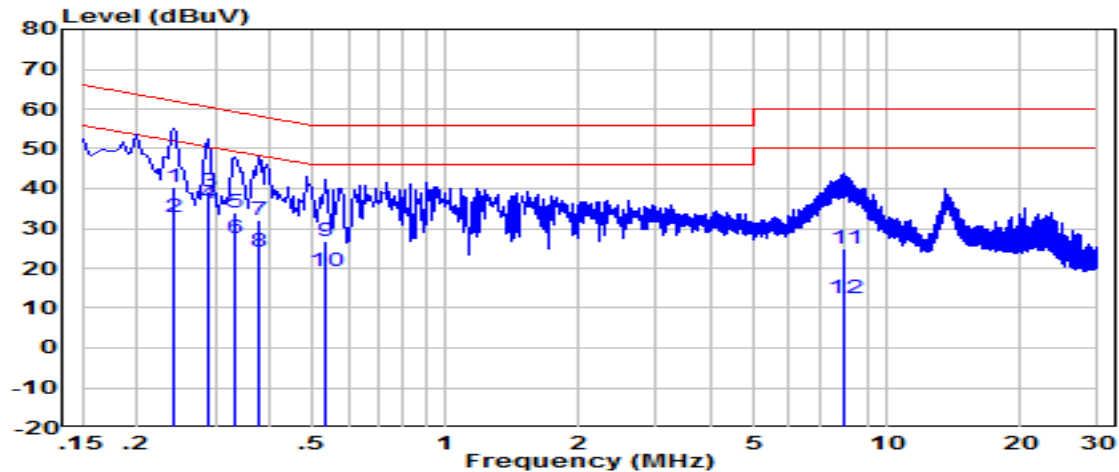


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.214	31.19	9.61	40.80	-22.25	63.05	QP
2		0.214	15.39	9.61	25.00	-28.05	53.05	Average
3		0.242	33.68	9.62	43.30	-18.73	62.03	QP
4		0.242	26.38	9.62	36.00	-16.03	52.03	Average
5		0.286	31.38	9.62	41.00	-19.64	60.64	QP
6	*	0.286	26.98	9.62	36.60	-14.04	50.64	Average
7		0.350	26.18	9.62	35.80	-23.16	58.96	QP
8		0.350	12.68	9.62	22.30	-26.66	48.96	Average
9		0.534	16.66	9.64	26.30	-29.70	56.00	QP
10		0.534	9.46	9.64	19.10	-26.90	46.00	Average
11		8.450	12.65	9.85	22.50	-37.50	60.00	QP
12		8.450	3.65	9.85	13.50	-36.50	50.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-10
Factor	CE_ENV216-L1	Temp. / Humidity	22.9°C / 36.5%
Polarity	Line1	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Normal Operation	Test Voltage	110V/60Hz

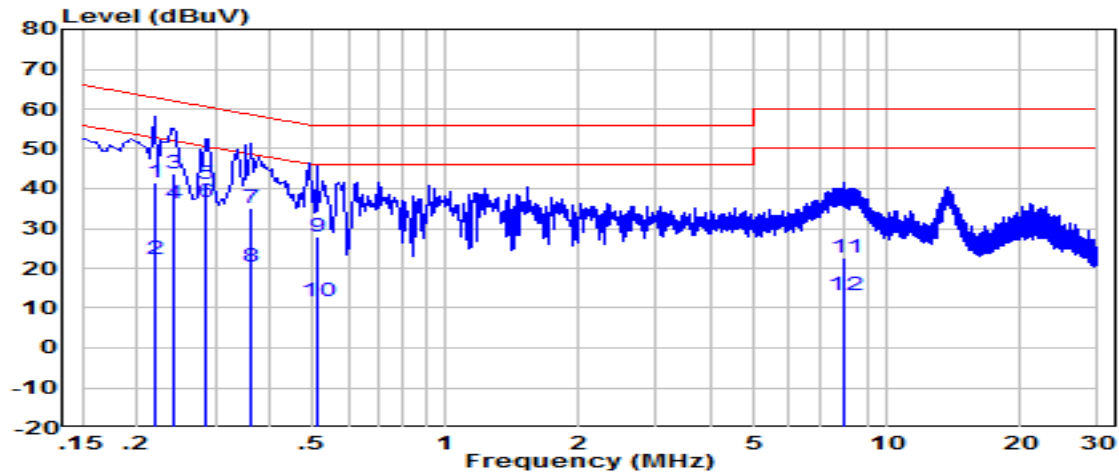


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.242	30.58	9.62	40.20	-21.83	62.03	QP
2	0.242	23.18	9.62	32.80	-19.23	52.03	Average
3	0.290	29.48	9.62	39.10	-21.42	60.52	QP
4	*	0.290	26.68	36.30	-14.22	50.52	Average
5	0.334	24.18	9.62	33.80	-25.55	59.35	QP
6	0.334	17.78	9.62	27.40	-21.95	49.35	Average
7	0.378	22.28	9.62	31.90	-26.42	58.32	QP
8	0.378	14.48	9.62	24.10	-24.22	48.32	Average
9	0.534	17.07	9.63	26.70	-29.30	56.00	QP
10	0.534	9.77	9.63	19.40	-26.60	46.00	Average
11	8.040	14.98	9.82	24.80	-35.20	60.00	QP
12	8.040	2.58	9.82	12.40	-37.60	50.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-10
Factor	CE_ENV216-N	Temp. / Humidity	22.9°C /36.5%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Normal Operation	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV)	Margin (dB)	Limit (dBUV)	Remark (QP/PK/AV)
1	0.218	31.79	9.61	41.40	-21.49	62.89	QP
2	0.218	12.49	9.61	22.10	-30.79	52.89	Average
3	0.242	33.98	9.62	43.60	-18.43	62.03	QP
4	0.242	26.58	9.62	36.20	-15.83	52.03	Average
5	0.286	31.38	9.62	41.00	-19.64	60.64	QP
6	*	0.286	9.62	36.50	-14.14	50.64	Average
7	0.362	25.38	9.62	35.00	-23.68	58.68	QP
8	0.362	10.68	9.62	20.30	-28.38	48.68	Average
9	0.510	18.47	9.63	28.10	-27.90	56.00	QP
10	0.510	1.97	9.63	11.60	-34.40	46.00	Average
11	8.010	12.97	9.83	22.80	-37.20	60.00	QP
12	8.010	3.27	9.83	13.10	-36.90	50.00	Average

Note:

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

5.2 峰值傳導輸出功率

5.2.1 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。除使用上述測量方式外，並得使用以最大傳導輸出功率作為測量方式。

5.2.2 限制要求

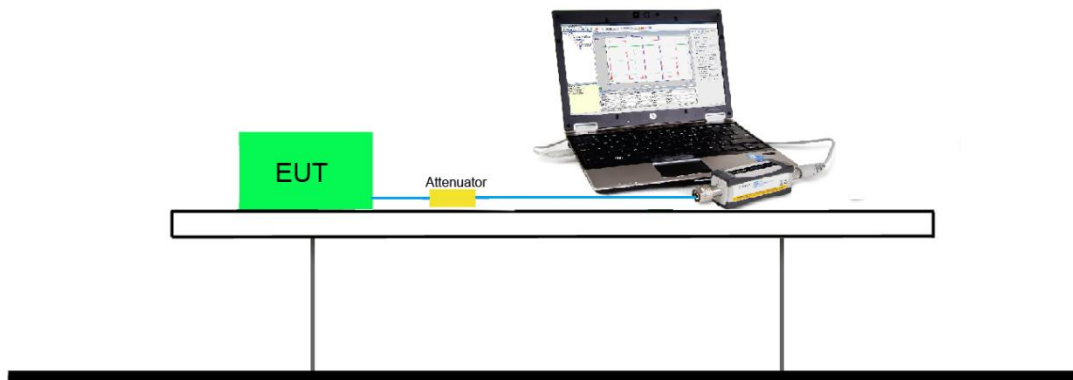
操作於2400-2483.5 MHz之跳頻或數位調變的發射器材與5725-5850 MHz之跳頻發射器材：1W(含)以下，當跳頻系統符合國家通訊傳播委員會低功率射頻器材技術規範之第4.10.1.6(1)(A)(a)節，其限制值為0.125 W(含)以下。

若用於非固定式點對點操作時，若其發射天線之方向性增益超過6dBi，應依所超過之dB數等量降低峰值輸出功率。如用於固定式點對點(註)操作時，應符合下列情形之一：

(1)操作於2400-2483.5兆赫(MHz)者，其發射天線之方向性增益超過6dBi，應於每超過3dB降低1dB之峰值輸出功率。

(2) 操作於5725-5850兆赫(MHz)者，其發射天線之方向性增益超過6dBi，不需降低峰值輸出功率。

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	AX3000 Wi-Fi 6 訊號延伸器	測試日期	2021/10/01 ~ 2021/11/14
待測物型號	RE705X	溫度 / 濕度	23°C / 55%
測試場地 / 測試工程師	SR2 / Eric		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Result
CDD Mode							
802.11b	1Mbps	01	2412	23.29	23.74	26.53	Pass
802.11b	1Mbps	06	2437	23.48	24.88	27.25	Pass
802.11b	1Mbps	11	2462	23.46	24.65	27.11	Pass
802.11g	6Mbps	01	2412	18.60	19.24	21.94	Pass
802.11g	6Mbps	02	2417	20.20	20.29	23.26	Pass
802.11g	6Mbps	06	2437	22.10	22.67	25.40	Pass
802.11g	6Mbps	10	2457	19.71	20.04	22.89	Pass
802.11g	6Mbps	11	2462	16.58	16.94	19.77	Pass
CDD Mode & Beam-Forming Mode							
802.11n-HT20	MCS0	01	2412	17.61	18.26	20.96	Pass
802.11n-HT20	MCS0	06	2437	20.68	21.32	24.02	Pass
802.11n-HT20	MCS0	10	2457	18.27	18.41	21.35	Pass
802.11n-HT20	MCS0	11	2462	16.43	17.03	19.75	Pass
802.11n-HT40	MCS0	03	2422	16.66	17.44	20.08	Pass
802.11n-HT40	MCS0	04	2427	19.16	19.25	22.22	Pass
802.11n-HT40	MCS0	06	2437	20.44	21.13	23.81	Pass
802.11n-HT40	MCS0	08	2447	19.78	19.85	22.83	Pass
802.11n-HT40	MCS0	09	2452	15.44	15.97	18.72	Pass
802.11ax-HE20	MCS0	01	2412	17.21	17.56	20.40	Pass
802.11ax-HE20	MCS0	06	2437	20.39	21.25	23.85	Pass
802.11ax-HE20	MCS0	10	2457	19.38	19.43	22.42	Pass
802.11ax-HE20	MCS0	11	2462	16.01	16.52	19.28	Pass
802.11ax-HE40	MCS0	03	2422	16.81	17.47	20.16	Pass
802.11ax-HE40	MCS0	04	2427	18.12	18.24	21.19	Pass
802.11ax-HE40	MCS0	06	2437	20.44	21.26	23.88	Pass
802.11ax-HE40	MCS0	08	2447	19.76	19.97	22.88	Pass
802.11ax-HE40	MCS0	09	2452	14.95	15.66	18.33	Pass

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

5.3 天線之要求

5.3.1 限制要求

依據國家通訊傳播委員會低功率射頻器材技術規範之第4.10.1.4節規定，天線之規格可不受下述規定之限制。

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

5.3.2 天線樣式

此AX3000 Wi-Fi 6訊號延伸器其天線為全固定式Dipole Antenna (檢附天線規格書, Brand: tp-link, Ant 0 M/N: 3101504046, Ant 1 M/N: 3101504047)

Antenna Type	Frequency Band (GHz)	Tx Paths	Max Peak Gain (dBi)	CDD Directional Gain (dBi)		BF Directional Gain (dBi)
				For Power	For PSD	
Dipole	2.4 ~ 2.5	2	1.00	1.00	4.01	4.01
	5.15 ~ 5.85	2	2.00	2.00	5.01	5.01

Note:

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

For CDD transmissions, directional gain is calculated as follows, $N_{ANT} = 2$, $N_{SS} = 1$.

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

- For power spectral density (PSD) measurements on all devices,
Array Gain = $10 \log (N_{ANT} / N_{SS})$ dB = 3.01;
- 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 802.11n/ac/ax, not include 802.11a/b/g. Directional gain = $G_{ANT} + \text{BF Gain}$. BF mode power setting will be less than or equal to CDD power setting.

5.4 帶外發射限制

5.4.1 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，

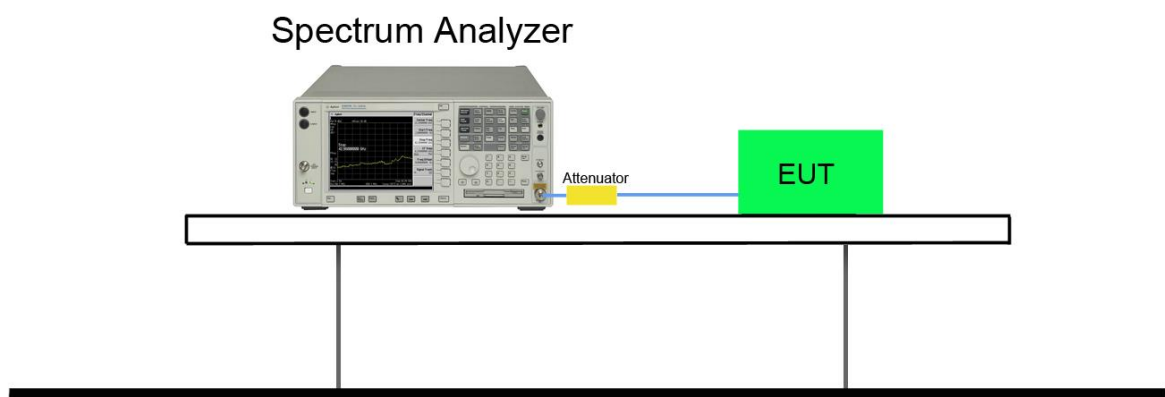
- (1) 頻率掃描範圍足以檢測頻帶內的發射波峰位準以及由受測物產生之最低頻率到第 10 次諧波的所有混附發射，通常需要分幾段以涵蓋全部頻率範圍。
- (2) 解析頻寬為 100 kHz，視訊頻寬不小於解析頻寬。
- (3) 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留(Max Hold)
- (4) 將標記設定於任何欲紀錄之波峰上，所顯示之位準值必須符合指定之限制值。

5.4.2 限制要求

使用頻帶範圍外之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減值限制如下：

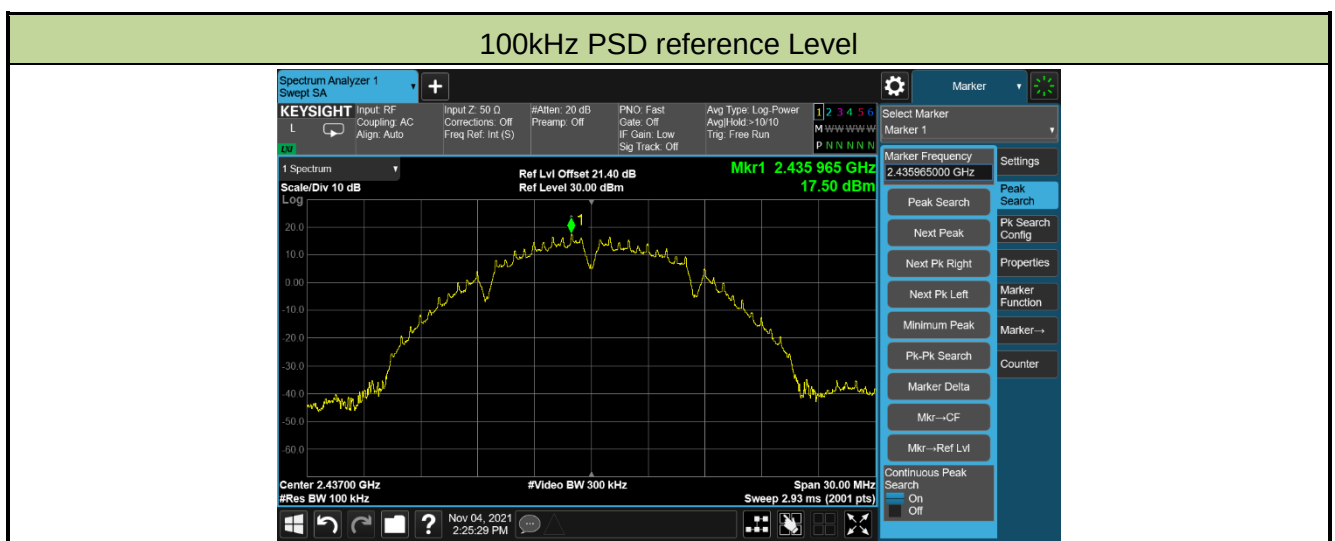
- (1)輸出功率以低功率射頻器材技術規範附件二之峰值輸出功率方式量測者，至少須衰減 20 dB，可使用射頻傳導或輻射方式測量。
- (2)輸出功率以數位調變技術系統之最大傳導輸出功率量測方式者，至少須衰減 30 dB。
- (3)若落於禁用頻段之輻射發射，應符合低功率射頻器材技術規範第 3.6 節之規定。

5.4.3 測試架構圖



5.4.4 帶外輻射測試結果

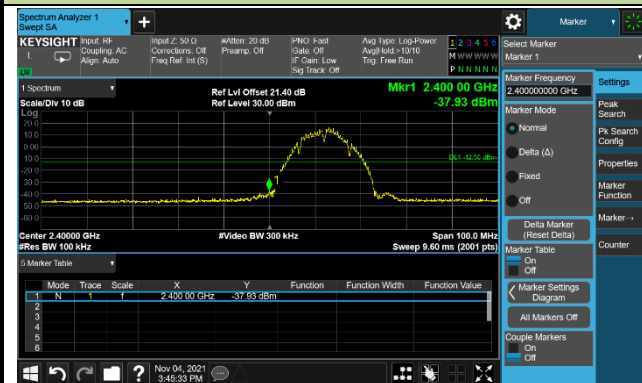
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	30	Pass
802.11b	1Mbps	06	2437	30	Pass
802.11b	1Mbps	11	2462	30	Pass
802.11g	6Mbps	01	2412	30	Pass
802.11g	6Mbps	06	2437	30	Pass
802.11g	6Mbps	11	2462	30	Pass
802.11n-HT20	MCS0	01	2412	30	Pass
802.11n-HT20	MCS0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



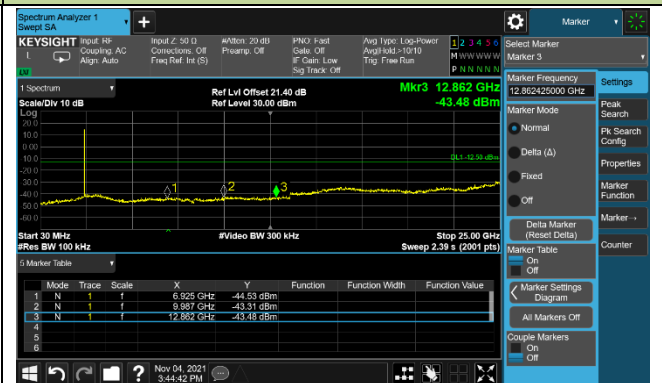
802.11b Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

Low Band Edge

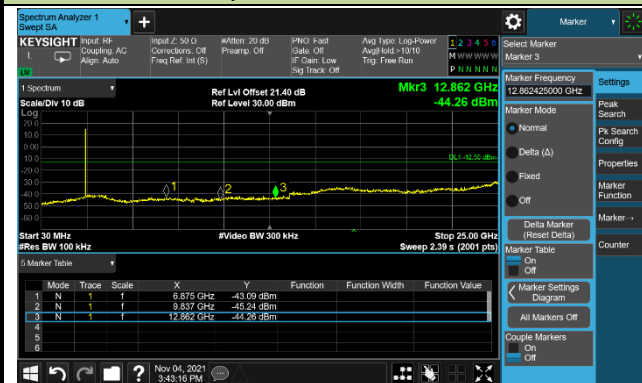


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



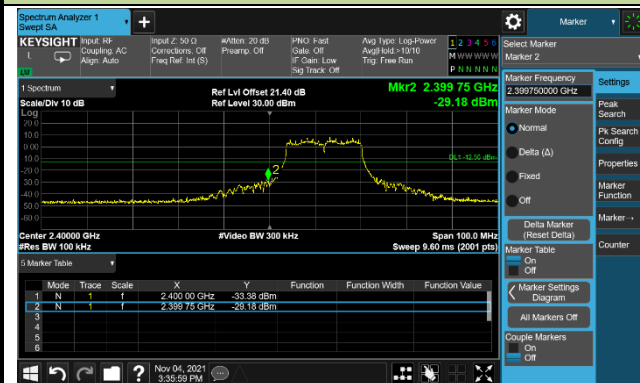
Spurious Emission



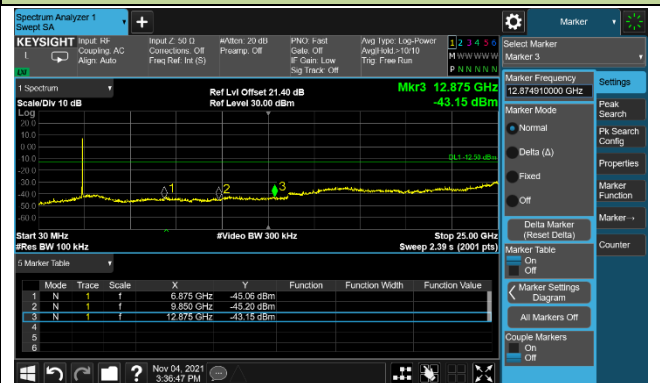
802.11g Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

Low Band Edge

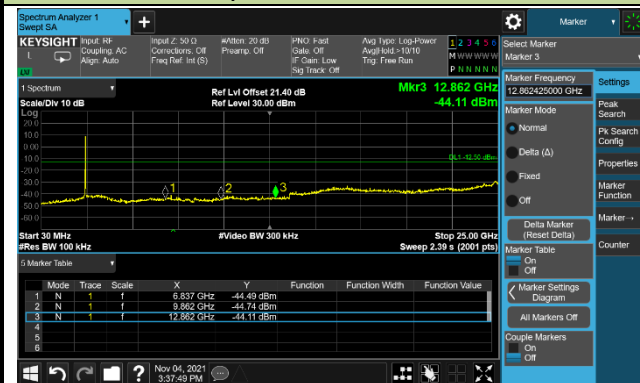


Spurious Emission



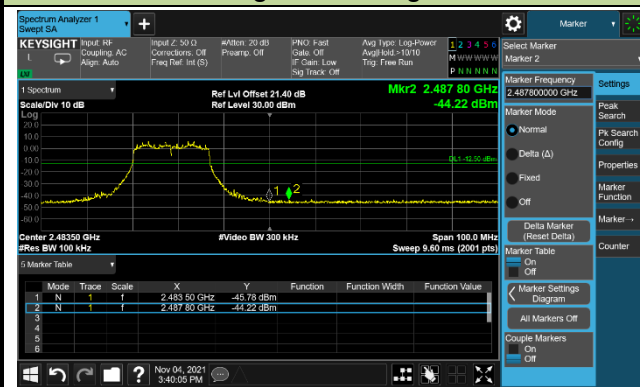
Channel 06 (2437MHz)

Spurious Emission

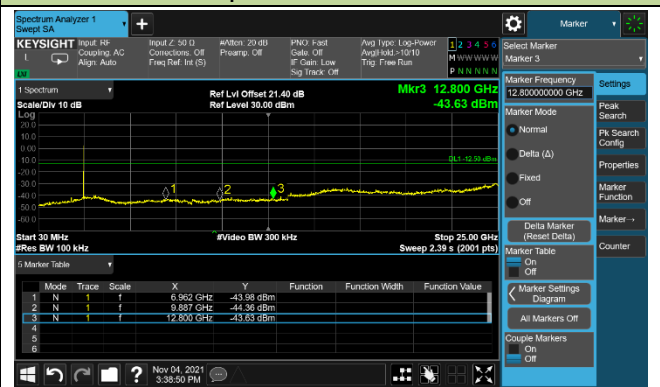


Channel 11 (2462MHz)

High Band Edge



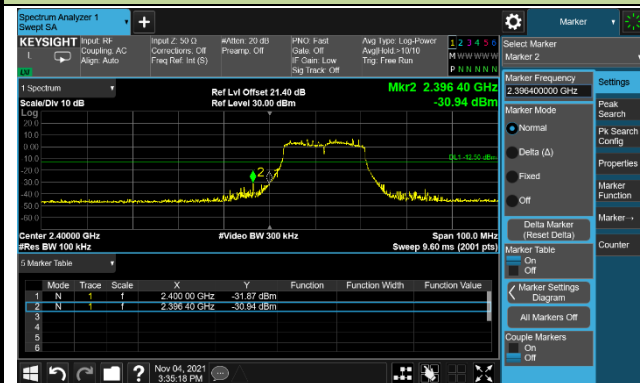
Spurious Emission



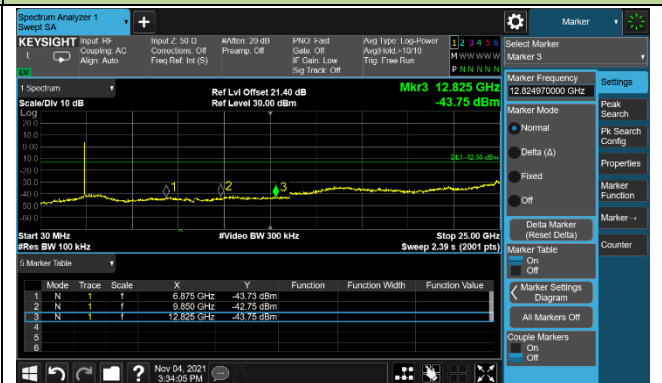
802.11n-HT20 Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

Low Band Edge

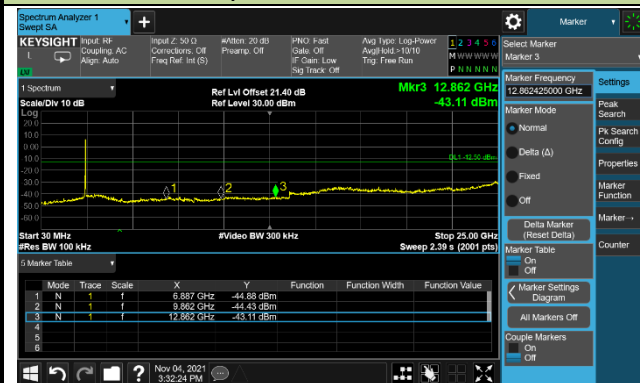


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



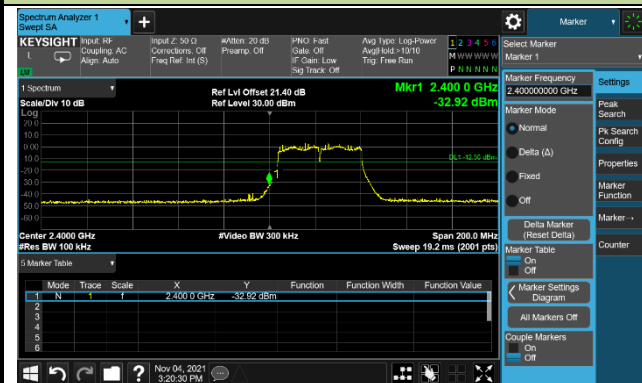
Spurious Emission



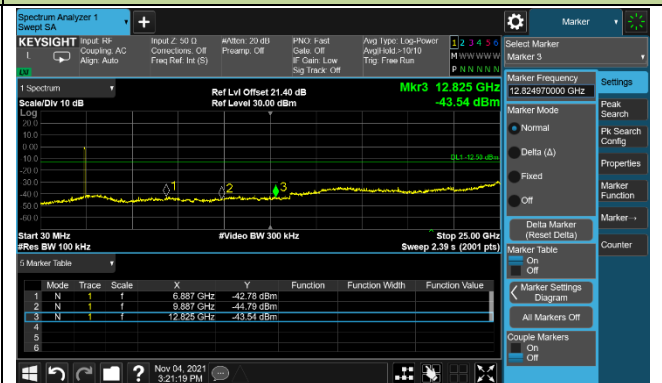
802.11n-HT40 Out-of-Band Emissions - Ant 0

Channel 03 (2422MHz)

Low Band Edge

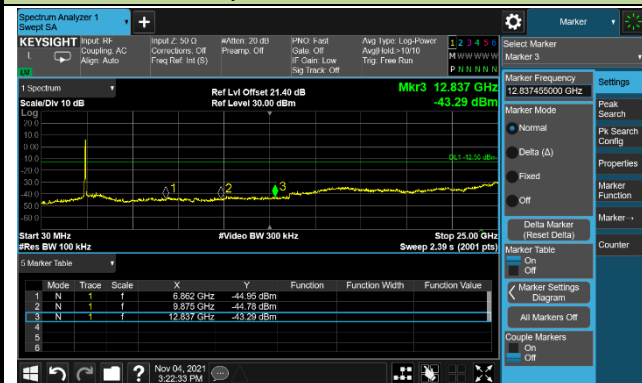


Spurious Emission



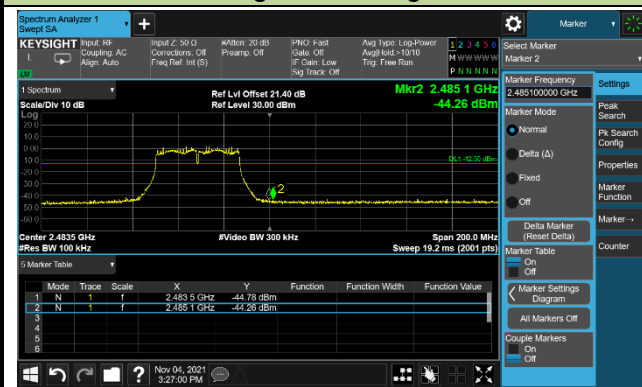
Channel 06 (2437MHz)

Spurious Emission



Channel 09 (2452MHz)

High Band Edge



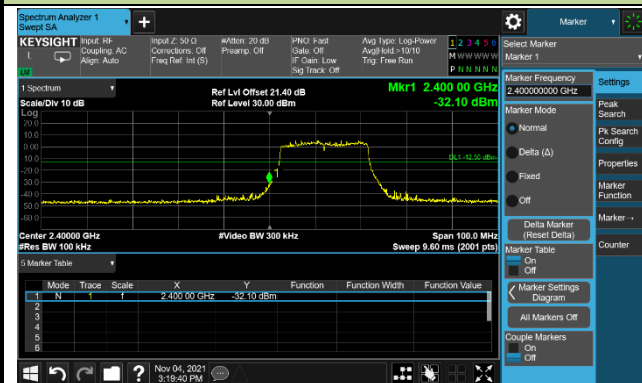
Spurious Emission



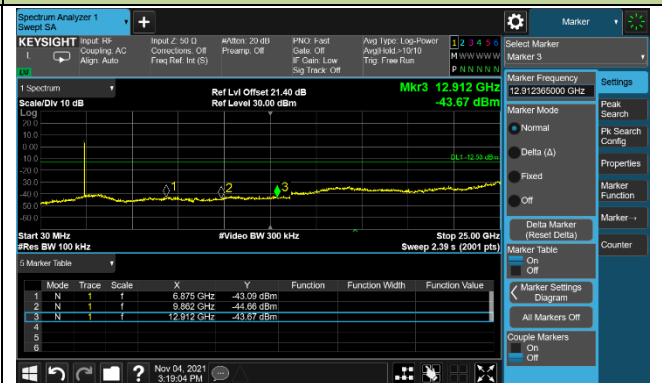
802.11ax-HE20 Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

Low Band Edge

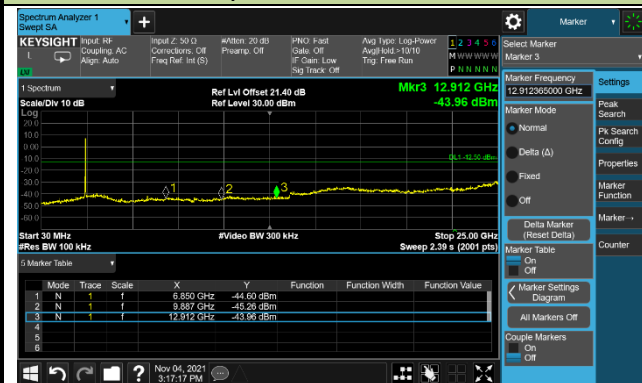


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



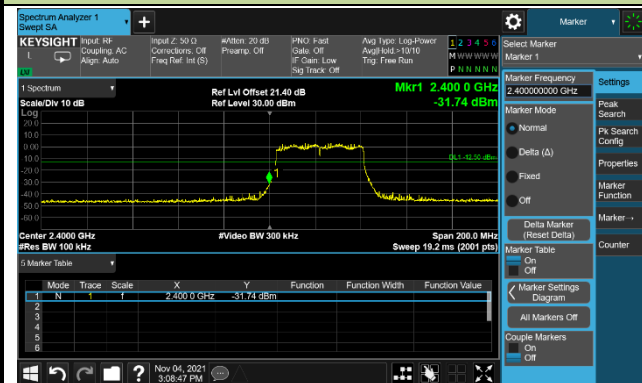
Spurious Emission



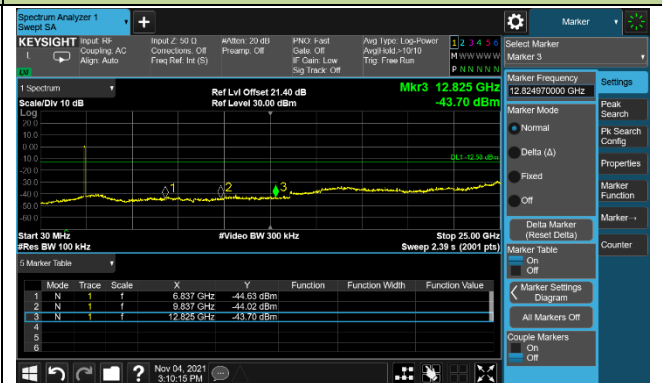
802.11ax-HE40 Out-of-Band Emissions - Ant 0

Channel 03 (2422MHz)

Low Band Edge

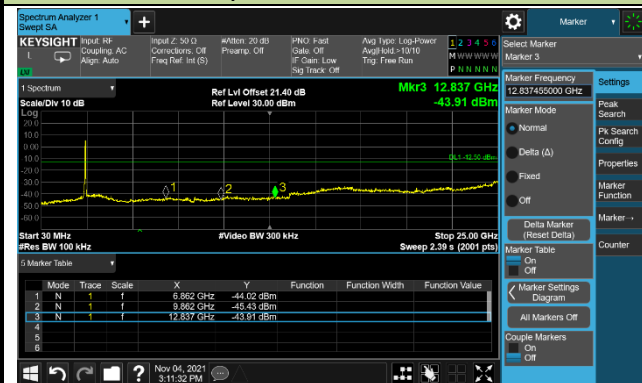


Spurious Emission



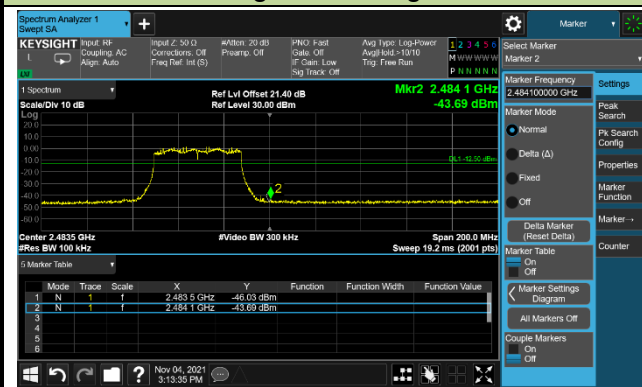
Channel 06 (2437MHz)

Spurious Emission

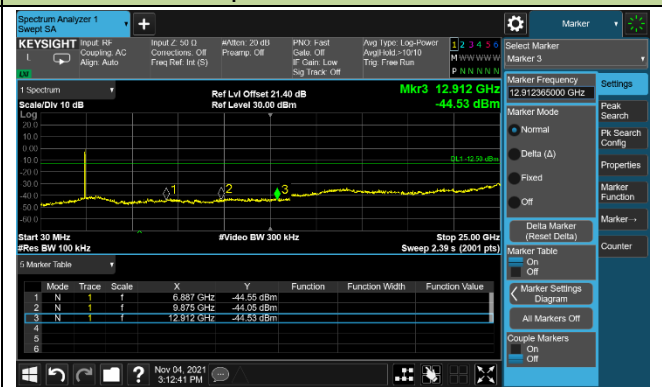


Channel 09 (2452MHz)

High Band Edge



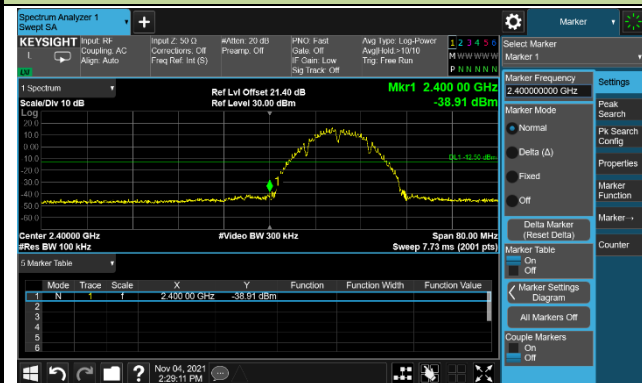
Spurious Emission



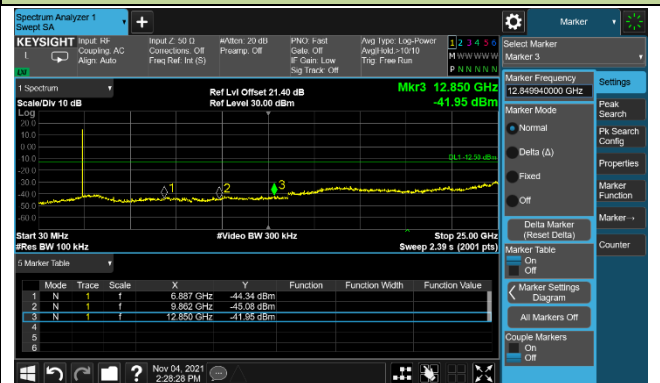
802.11b Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge

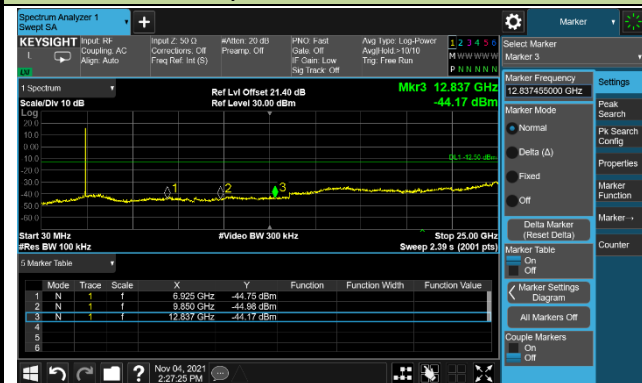


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



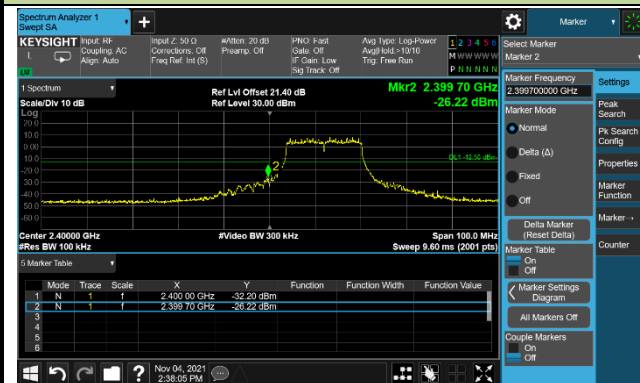
Spurious Emission



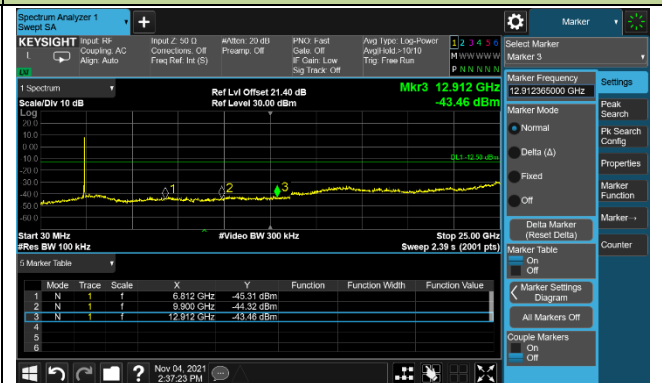
802.11g Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge

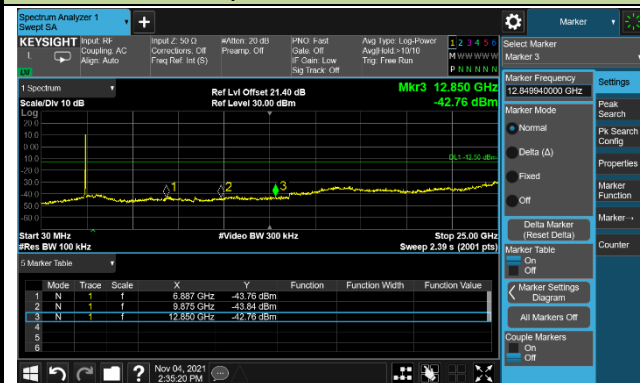


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



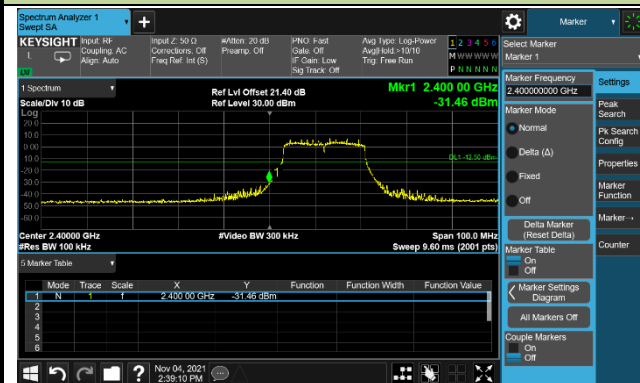
Spurious Emission



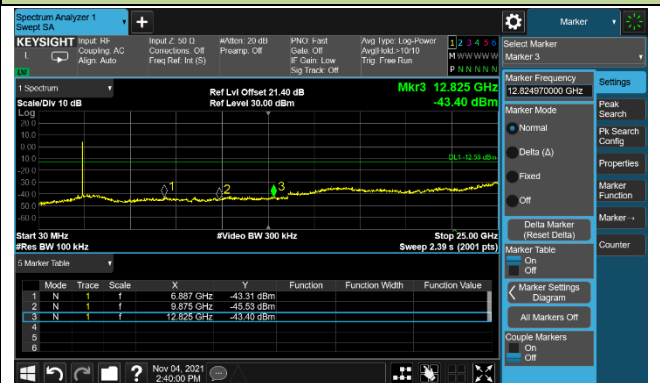
802.11n-HT20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge

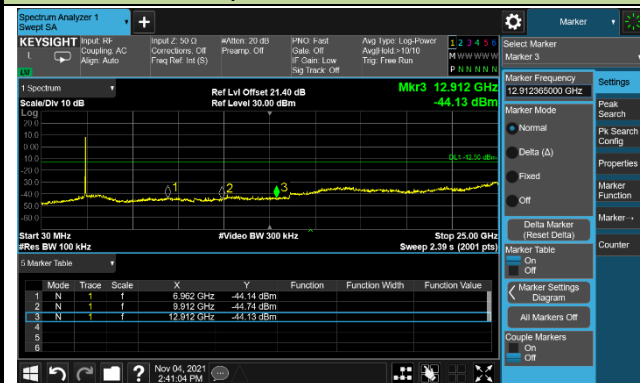


Spurious Emission



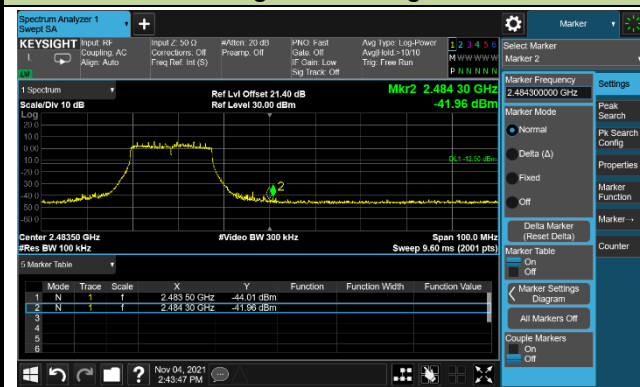
Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



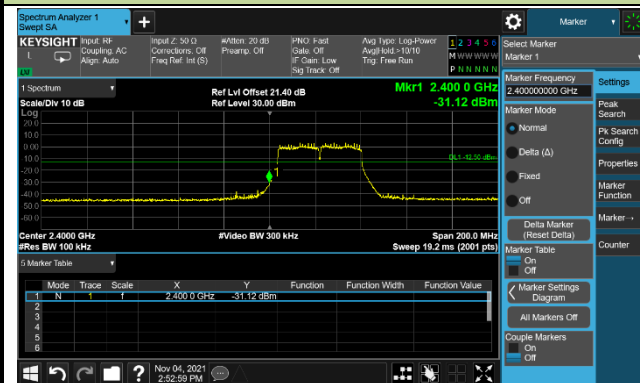
Spurious Emission



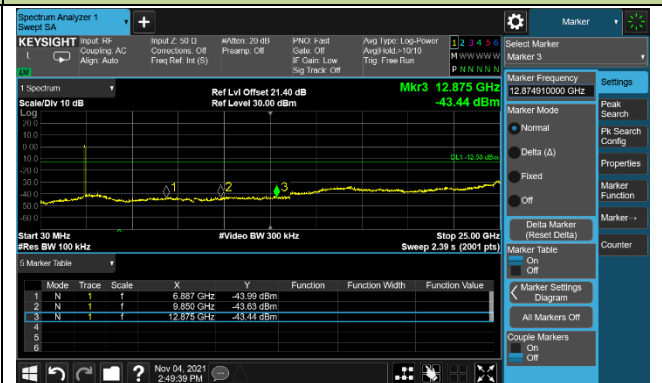
802.11n-HT40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

Low Band Edge

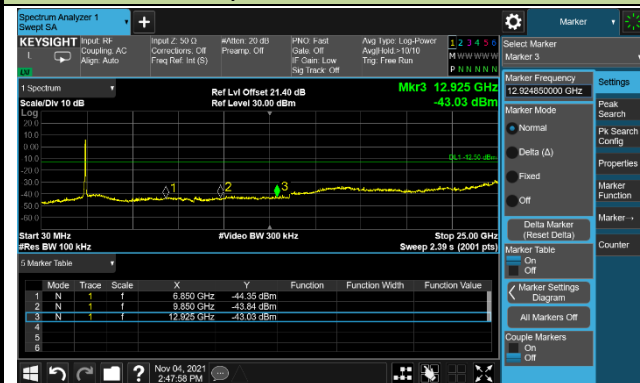


Spurious Emission



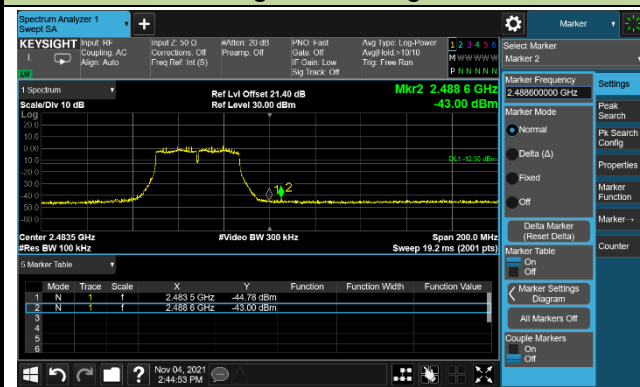
Channel 06 (2437MHz)

Spurious Emission



Channel 09 (2452MHz)

High Band Edge



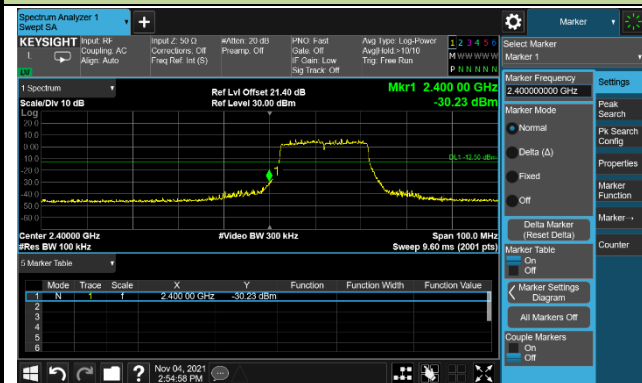
Spurious Emission



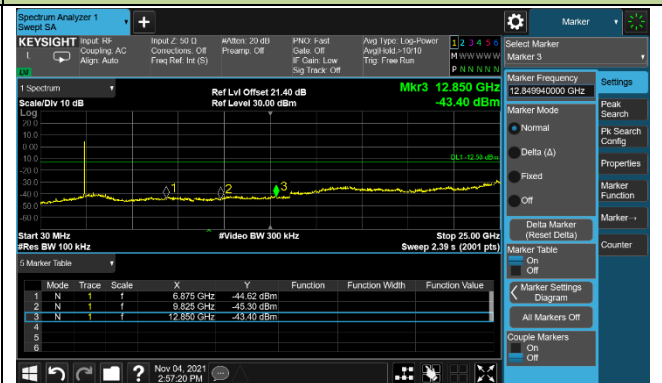
802.11ax-HE20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge

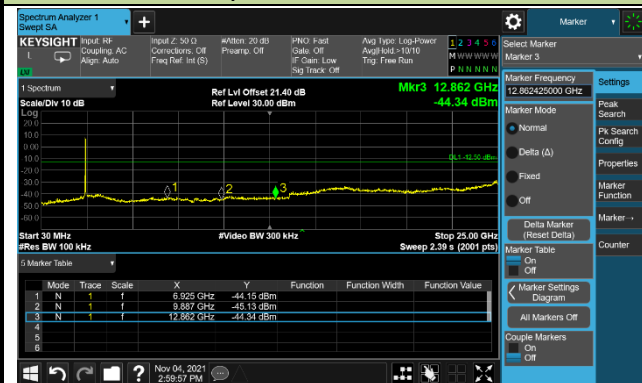


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 11 (2462MHz)

High Band Edge



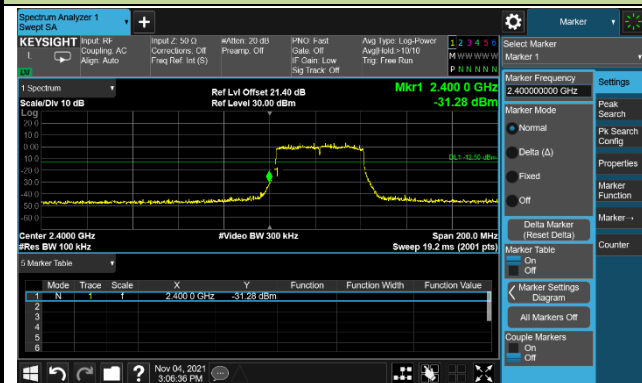
Spurious Emission



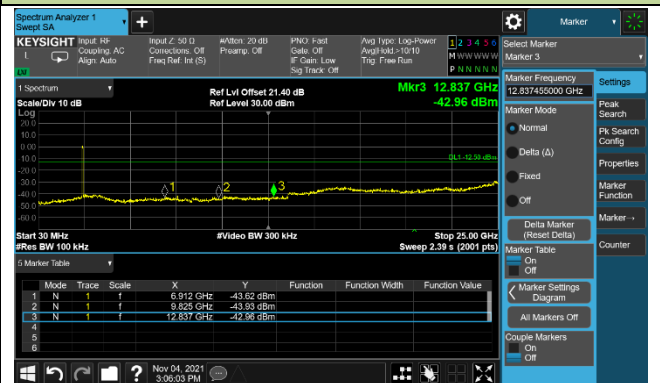
802.11ax-HE40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

Low Band Edge

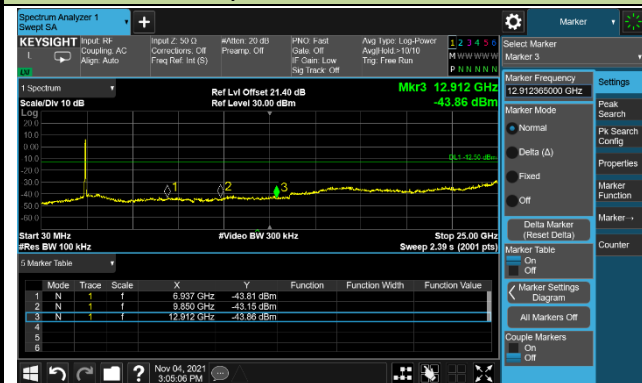


Spurious Emission



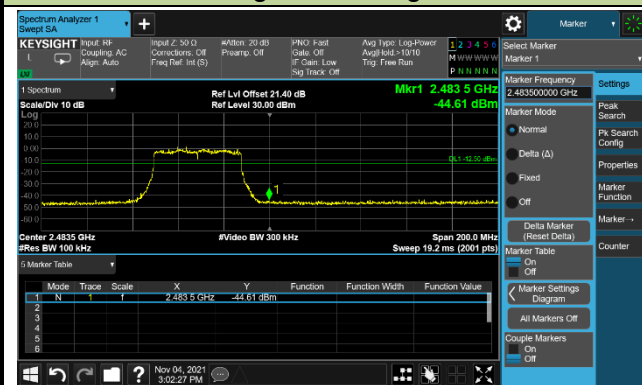
Channel 06 (2437MHz)

Spurious Emission

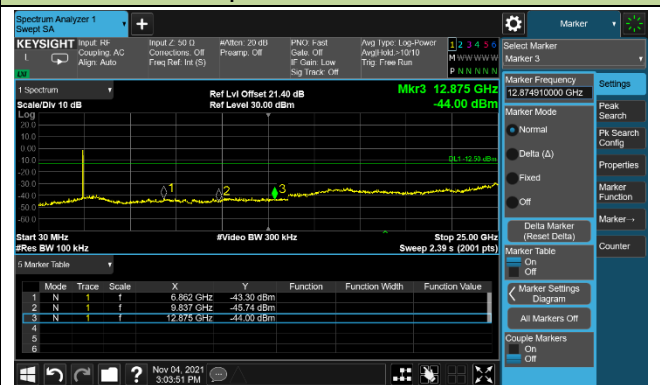


Channel 09 (2452MHz)

High Band Edge



Spurious Emission



5.5 輻射電場強度

5.5.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，將其與任何配件設備之電源線連接至位於旋轉桌的交流電源。受測物使用電池時，測試時應裝置新電池或充電完全的電池。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，接收天線並應於水平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）

- (1) 任一頻率小於或等於 1000 MHz 之訊號,使用 CISPR 準峰值檢波器
- (2) 任一頻率大於 1000 MHz 之訊號,使用平均值檢波器測量,當規定之發射限制值為平均值時(含 1000 MHz 以下),受測訊號藉由峰值檢波器(RBW:1MHz,VBW:3MHz)所測量之峰值,亦須符合峰值發射限制值,其峰值發射限制值為最大容許平均值加 20 dB。

備註: 若為手持式或穿戴式之裝置,需對其三個正交軸的方位評估測試,並記錄最差的數值。

5.5.2 限制要求

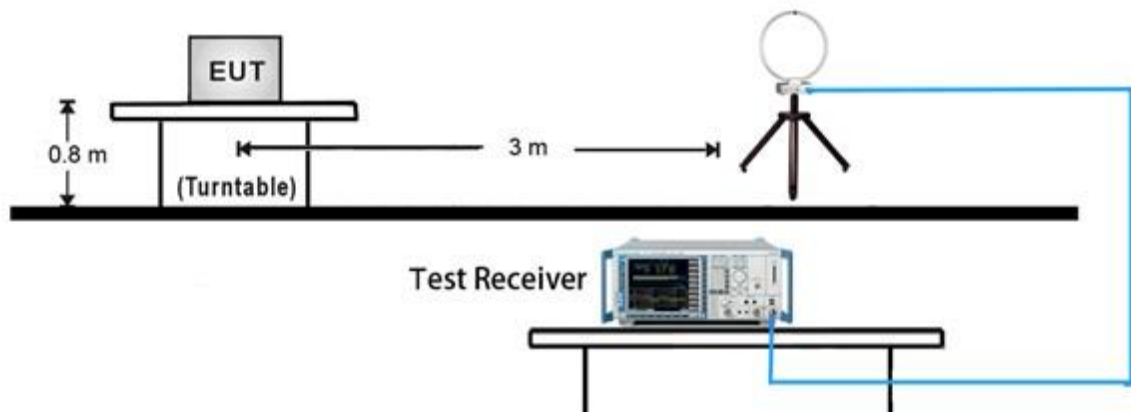
其電場強度不得超過下表之限值,且其不必要之發射皆不得大於主波發射強度。各頻段重疊處,以較嚴格之限制值為準。

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

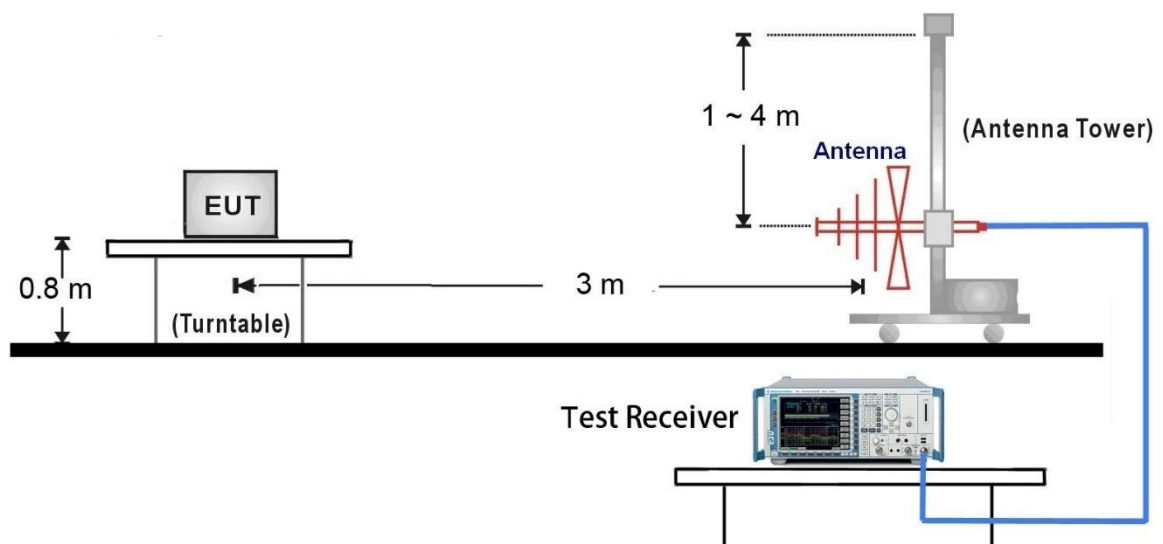
上表規定之電場強度,發射頻率在 9 kHz~90 kHz、110 kHz~490 kHz 及 1000MHz 以上者,其量測應以平均值檢波器為基準,且須符合低功率射頻器材技術規範第 6.14.節之規定;其他發射頻率,應以 CISPR 準峰值(quasi-peak) 檢波器測量;非以上表所指定之距離測量時,應符合第 6.5 節之規定,而輻射發射之量測頻率範圍須符合低功率射頻器材技術規範第 6.12 節之規定。

5.5.3 測試架構圖

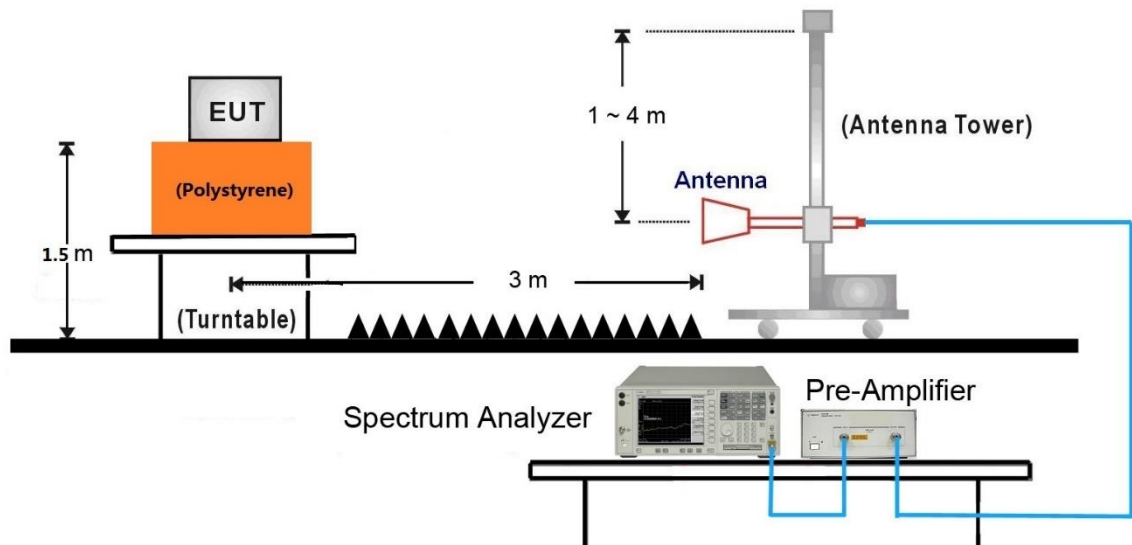
Under 30MHz Test



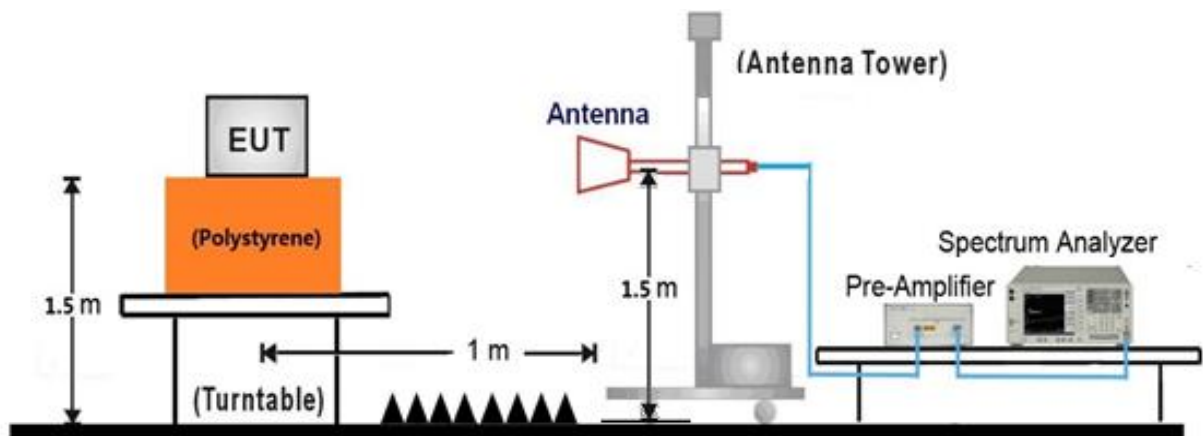
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup:

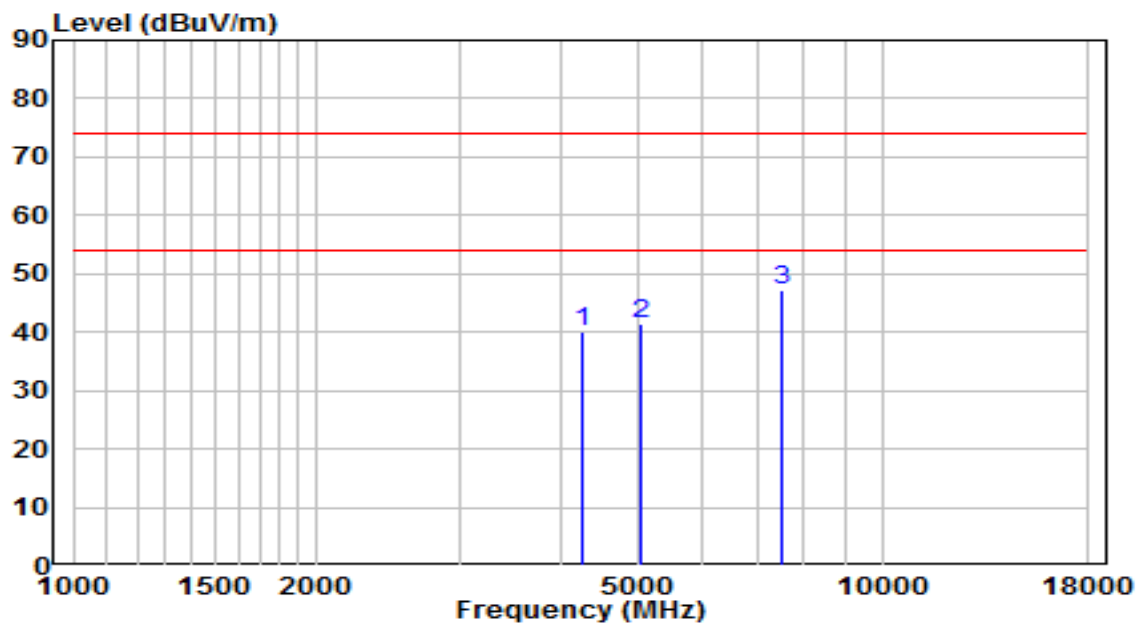


18GHz ~ 25GHz Test Setup:



5.5.4 輻射電場強度測試結果

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

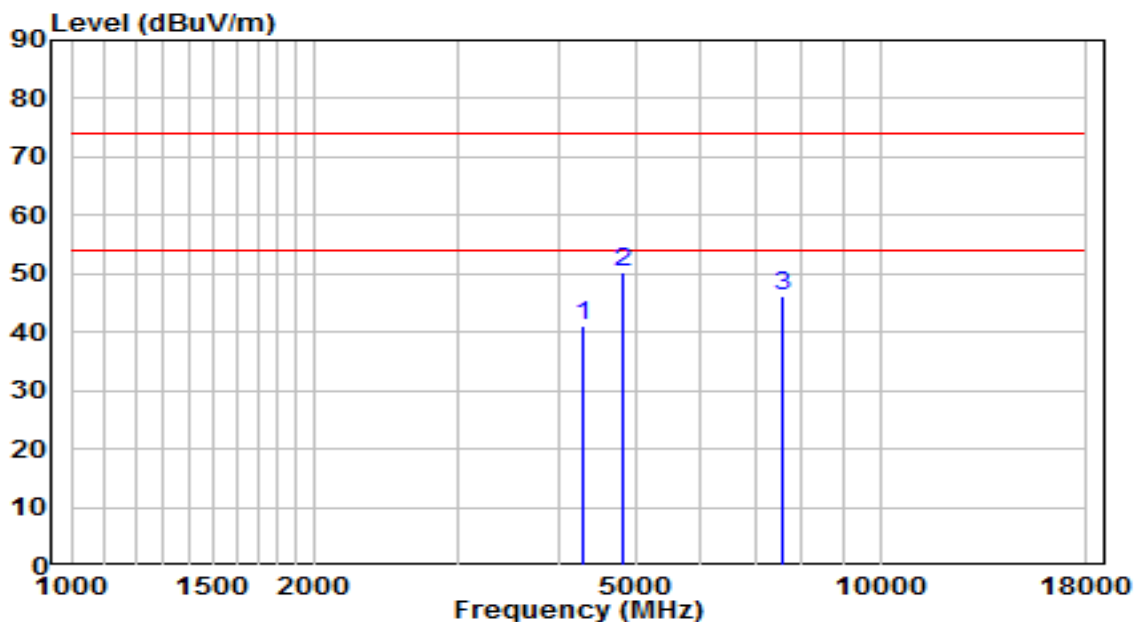


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4264.000	37.90	2.17	40.07	-33.93	74.00	Peak
2	5029.000	37.39	4.00	41.39	-32.61	74.00	Peak
3	* 7502.500	34.04	13.02	47.06	-26.94	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

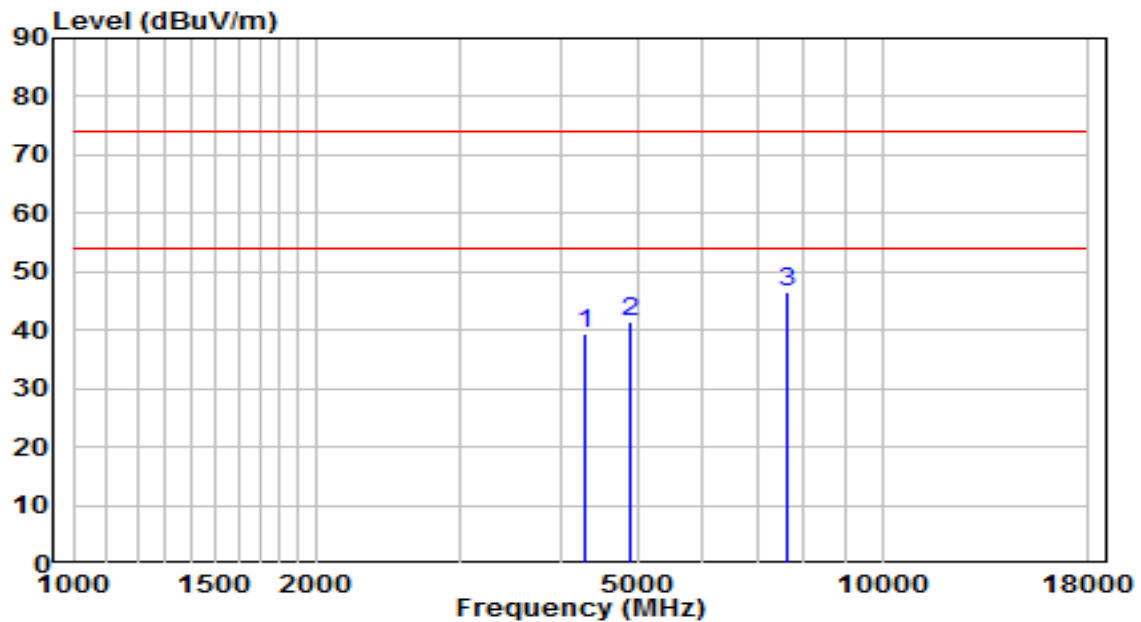


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4289.500	38.76	2.26	41.02	-32.98	74.00	Peak
2	* 4825.000	46.61	3.64	50.24	-23.76	74.00	Peak
3	7579.000	33.20	13.08	46.28	-27.72	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

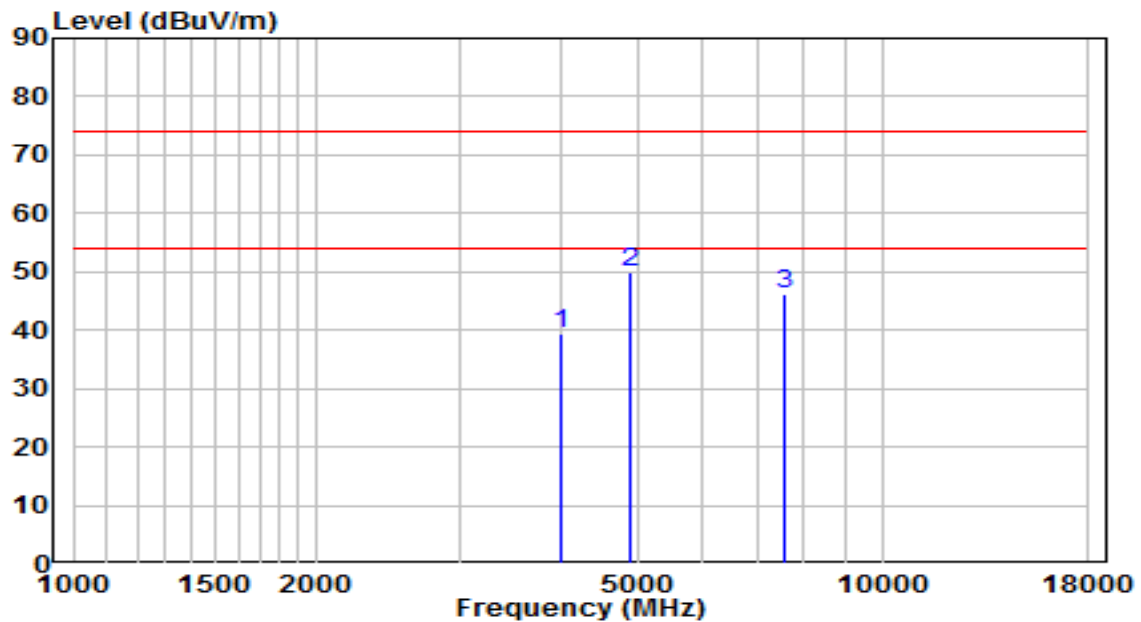


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4306.500	36.94	2.33	39.26	-34.74	74.00	Peak
2	4876.000	37.69	3.73	41.42	-32.58	74.00	Peak
3	* 7655.500	33.23	13.14	46.37	-27.63	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

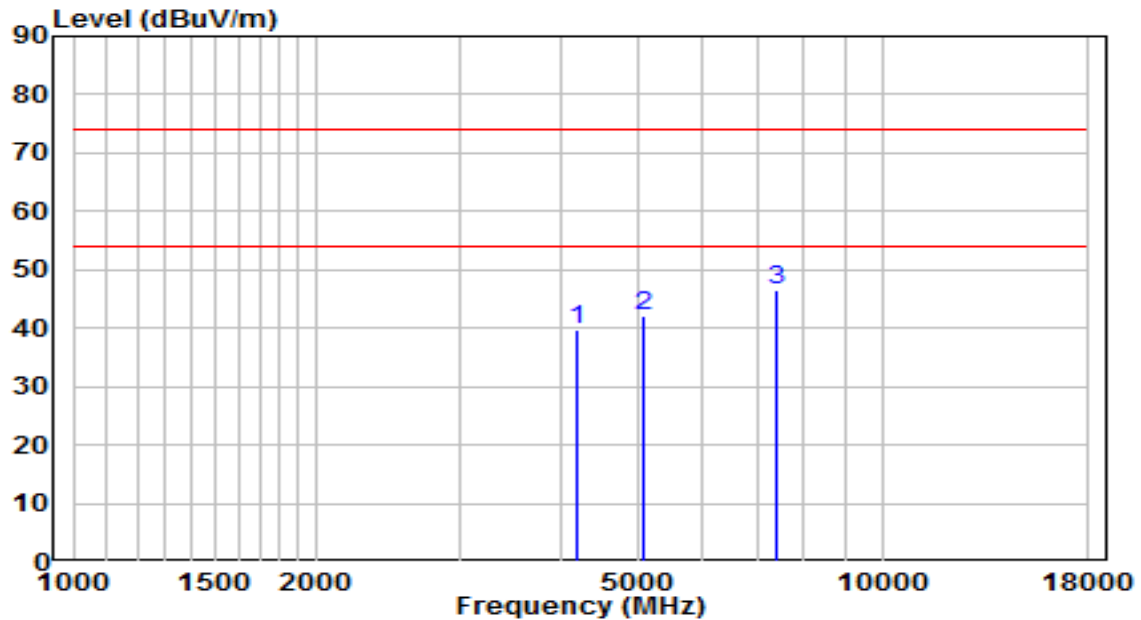


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4017.500	38.05	1.25	39.29	-34.71	74.00	Peak
2	* 4876.000	46.06	3.73	49.79	-24.21	74.00	Peak
3	7562.000	32.98	13.07	46.05	-27.95	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

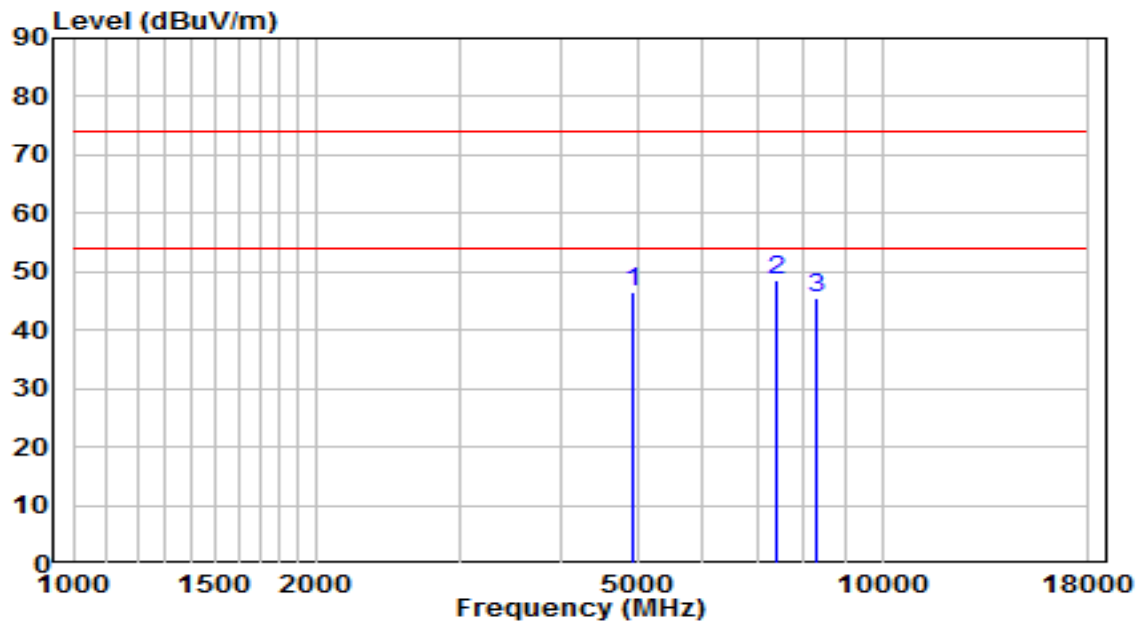


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4187.500	37.75	1.88	39.64	-34.36	74.00	Peak
2	5054.500	38.14	4.04	42.18	-31.82	74.00	Peak
3	* 7383.500	34.06	12.50	46.56	-27.44	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

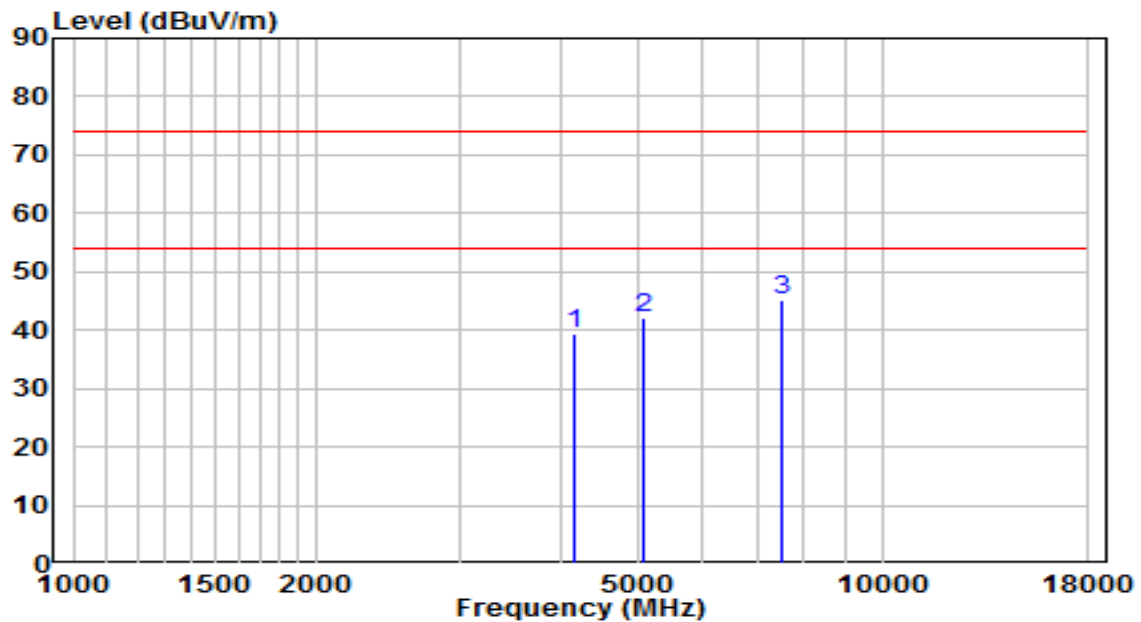


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4927.000	42.86	3.82	46.68	-27.32	74.00	Peak
2	* 7383.500	35.95	12.50	48.45	-25.55	74.00	Peak
3	8284.500	32.10	13.56	45.66	-28.34	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	110V/60Hz

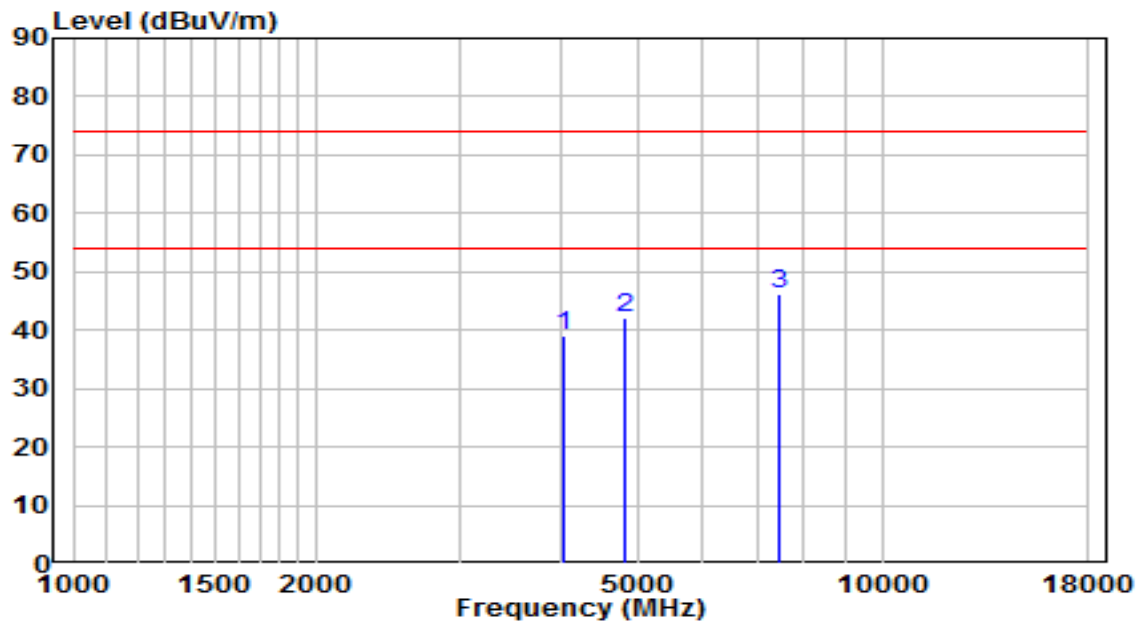


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4162.000	37.57	1.79	39.36	-34.64	74.00	Peak
2	5071.500	38.09	4.07	42.15	-31.85	74.00	Peak
3	* 7502.500	32.24	13.02	45.26	-28.74	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	110V/60Hz

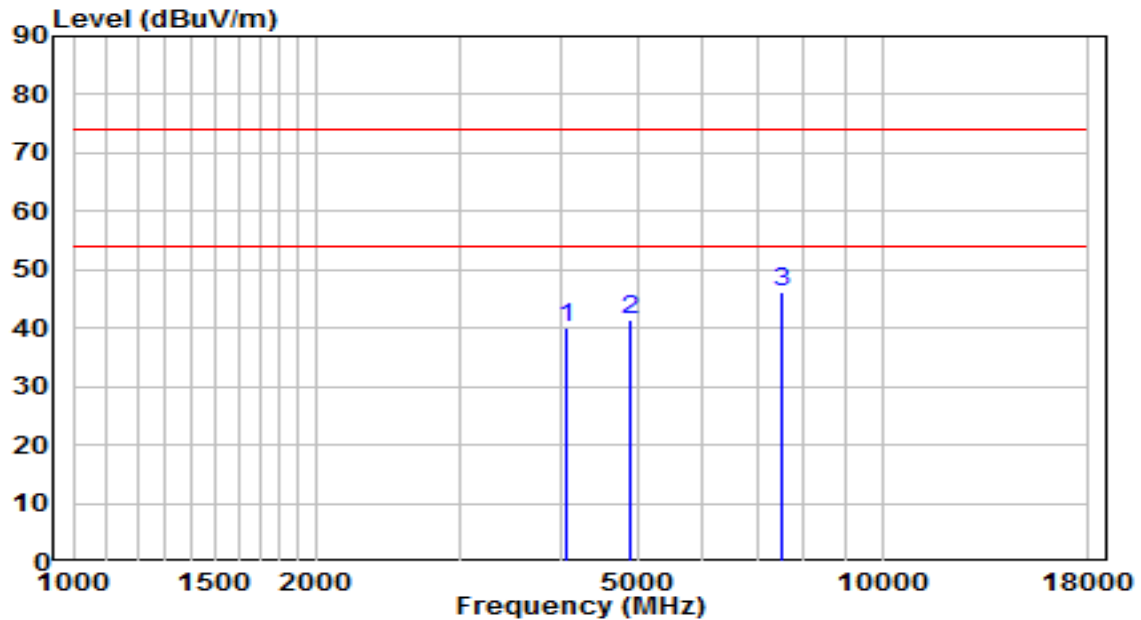


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4043.000	37.62	1.34	38.96	-35.04	74.00	Peak
2	4825.000	38.50	3.64	42.13	-31.87	74.00	Peak
3	* 7468.500	33.19	12.88	46.06	-27.94	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	110V/60Hz

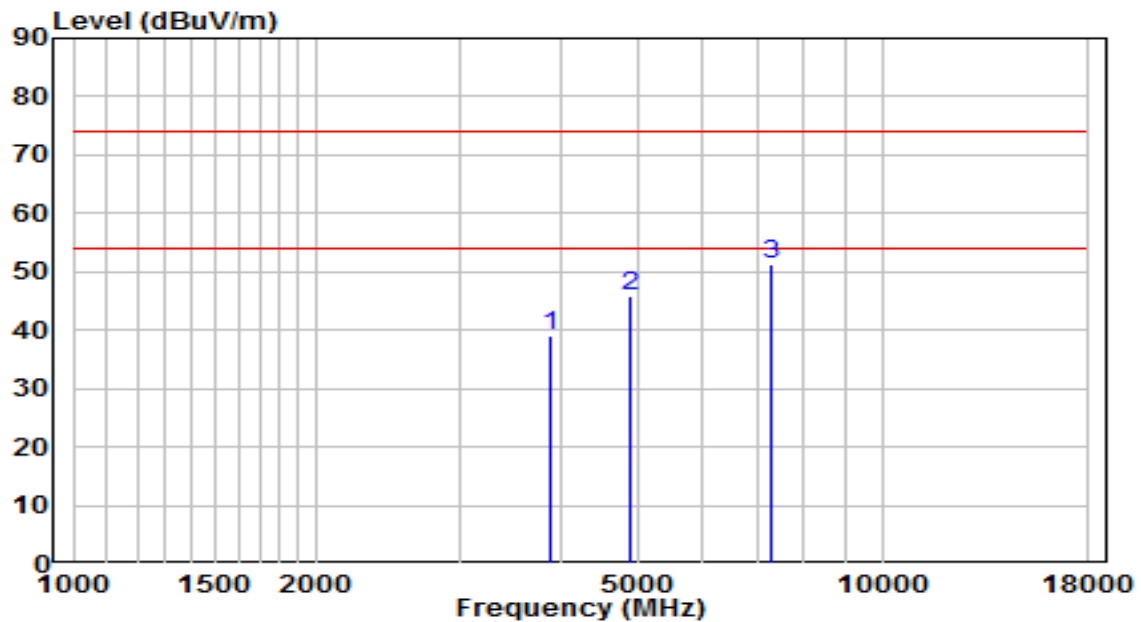


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4077.000	38.51	1.47	39.98	-34.02	74.00	Peak
2	4884.500	37.59	3.74	41.33	-32.67	74.00	Peak
3	* 7511.000	33.11	13.02	46.13	-27.87	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2437MHz	Test Voltage	110V/60Hz

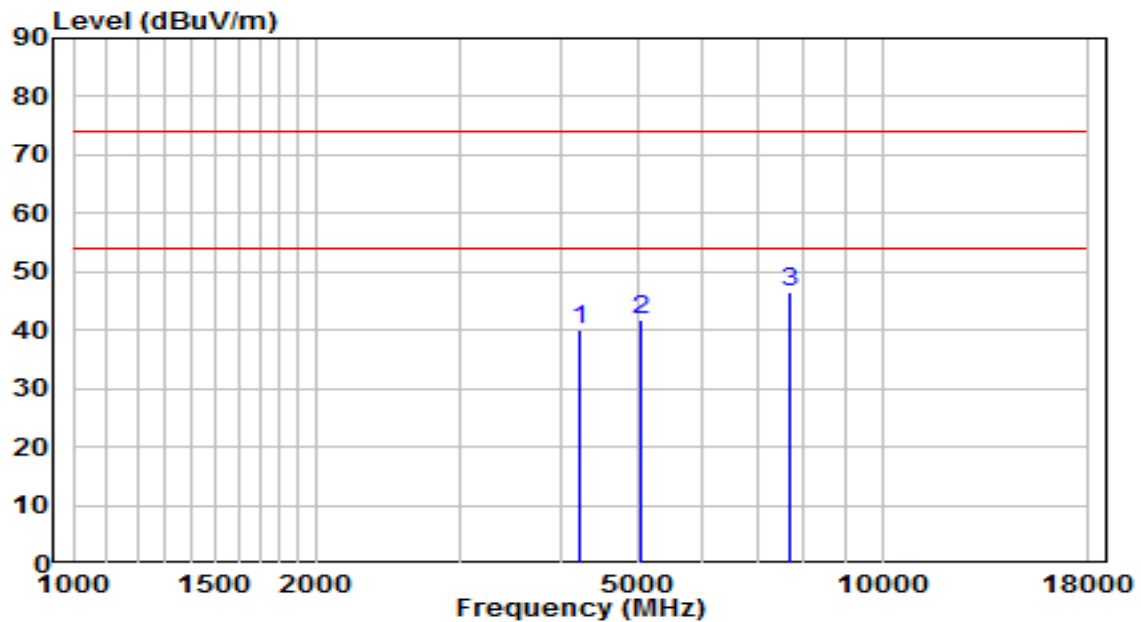


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3890.000	38.10	0.85	38.95	-35.05	74.00	Peak
2	4876.000	42.09	3.73	45.81	-28.19	74.00	Peak
3	* 7315.500	39.18	12.20	51.38	-22.62	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	110V/60Hz

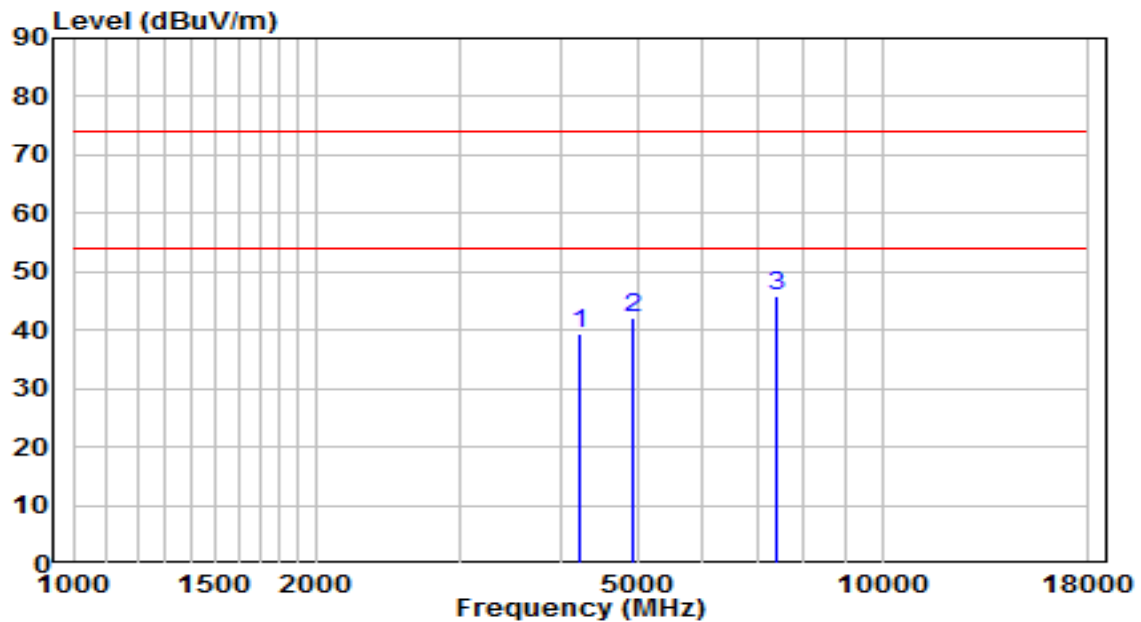


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4238.500	37.84	2.07	39.92	-34.08	74.00	Peak
2	5020.500	37.62	3.98	41.60	-32.40	74.00	Peak
3	* 7664.000	33.26	13.15	46.41	-27.59	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	110V/60Hz

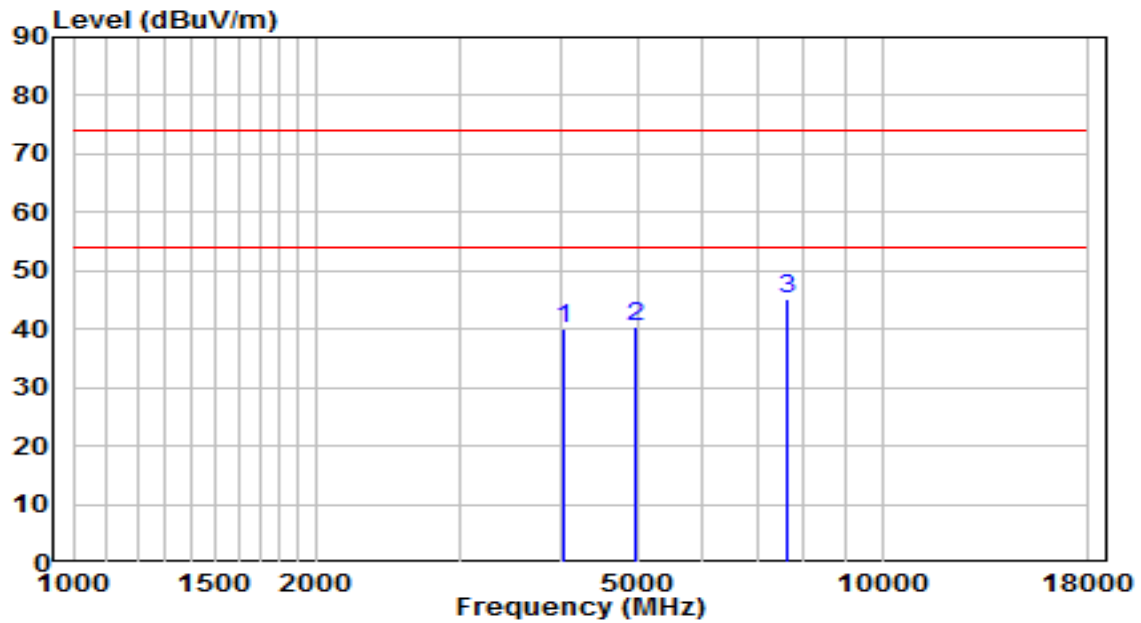


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4238.500	37.48	2.07	39.56	-34.44	74.00	Peak
2	4927.000	38.18	3.82	42.00	-32.00	74.00	Peak
3	* 7400.500	33.35	12.57	45.92	-28.08	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

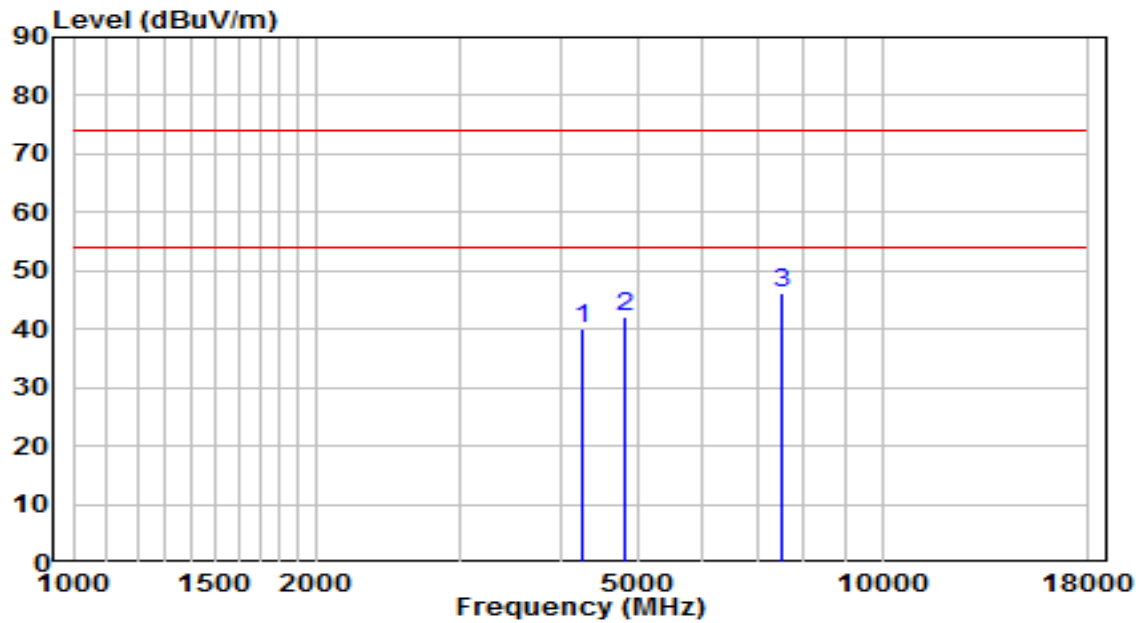


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4034.500	38.66	1.31	39.97	-34.03	74.00	Peak
2	4961.000	36.55	3.88	40.43	-33.57	74.00	Peak
3	* 7613.000	32.12	13.11	45.23	-28.77	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

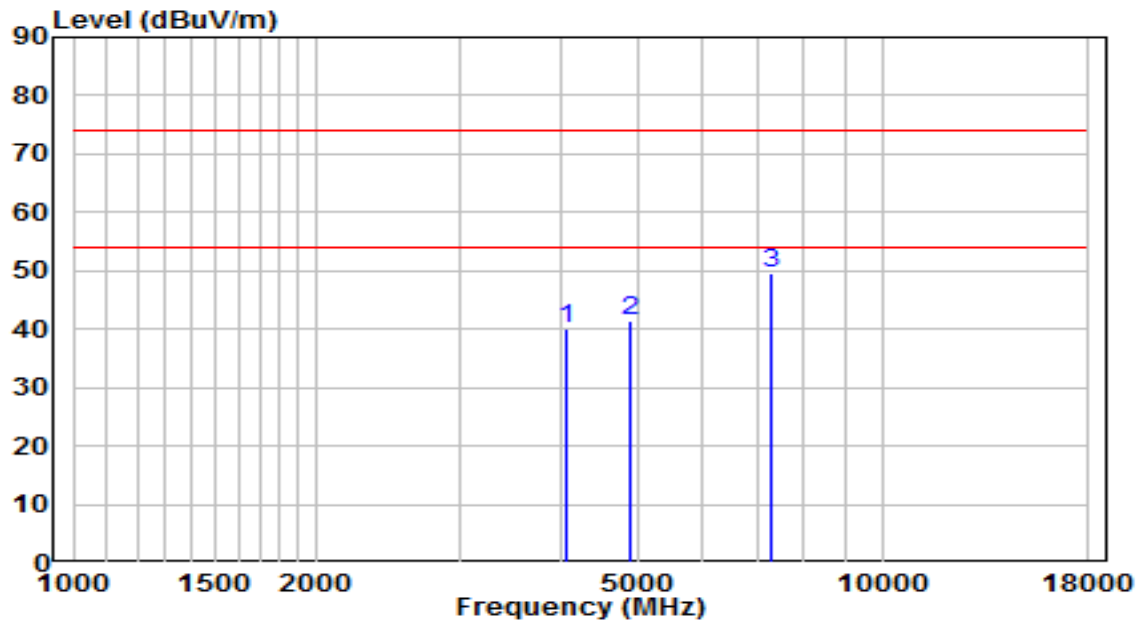


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4272.500	37.78	2.20	39.98	-34.02	74.00	Peak
2	4825.000	38.41	3.64	42.04	-31.96	74.00	Peak
3	* 7502.500	33.22	13.02	46.23	-27.77	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

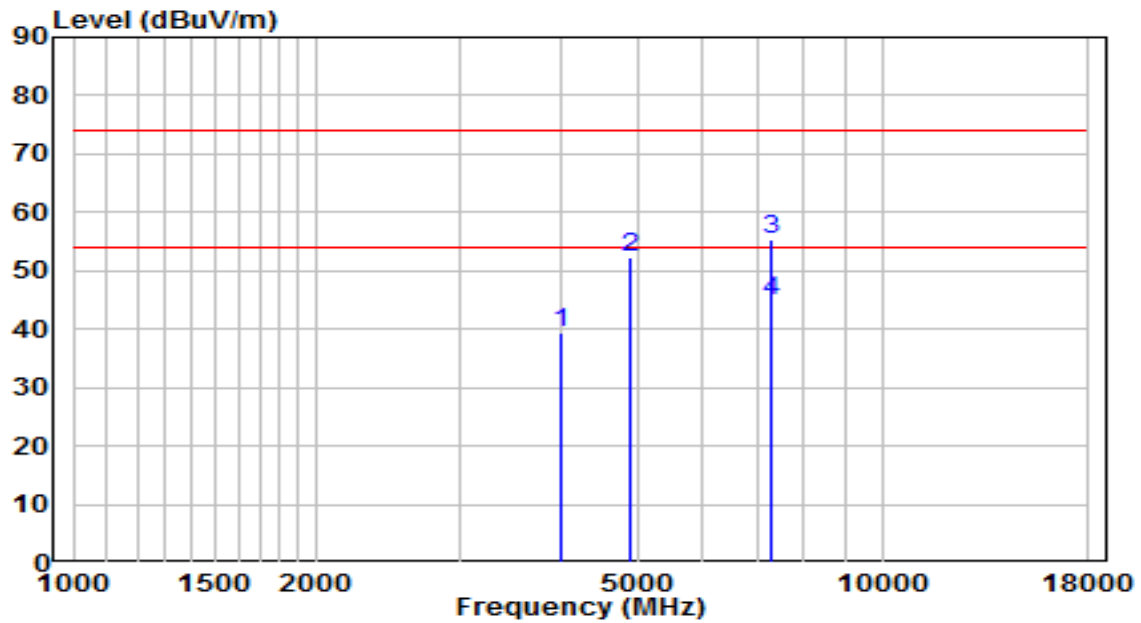


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4077.000	38.55	1.47	40.02	-33.98	74.00	Peak
2	4876.000	37.84	3.73	41.57	-32.43	74.00	Peak
3	* 7307.000	37.58	12.16	49.74	-24.26	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

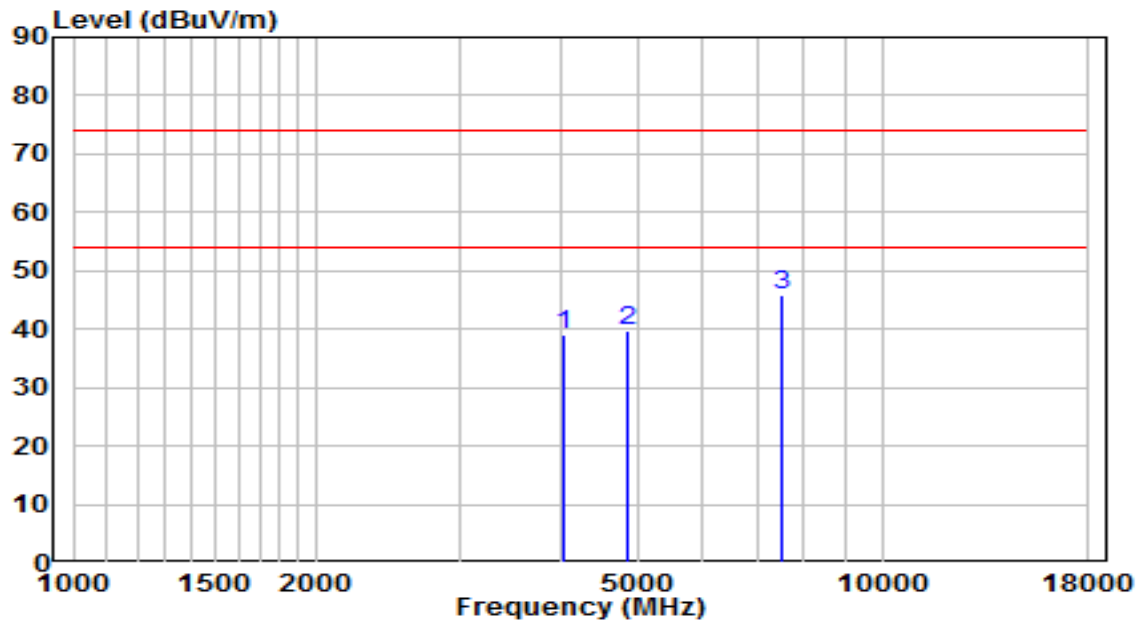


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4000.500	38.21	1.18	39.39	-34.61	74.00	Peak
2	4876.000	48.58	3.73	52.31	-21.69	74.00	Peak
3	7307.000	43.10	12.16	55.26	-18.74	74.00	Peak
4	* 7310.500	32.67	12.18	44.85	-9.15	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

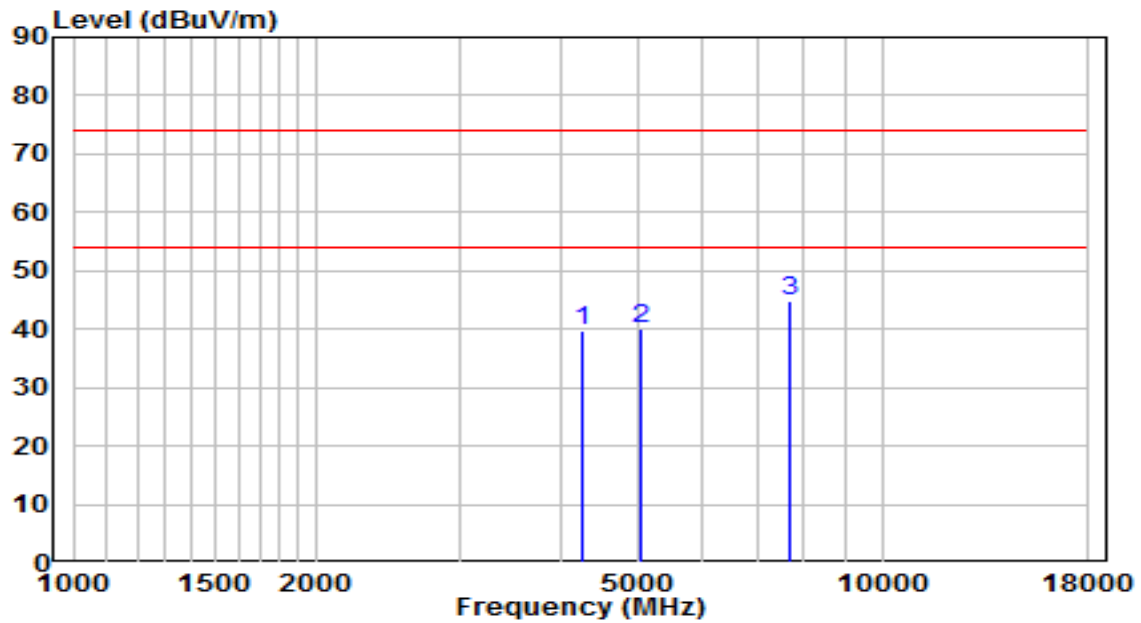


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4051.500	37.64	1.37	39.01	-34.99	74.00	Peak
2	4833.500	36.22	3.65	39.87	-34.13	74.00	Peak
3	* 7519.500	32.87	13.03	45.90	-28.10	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.1°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

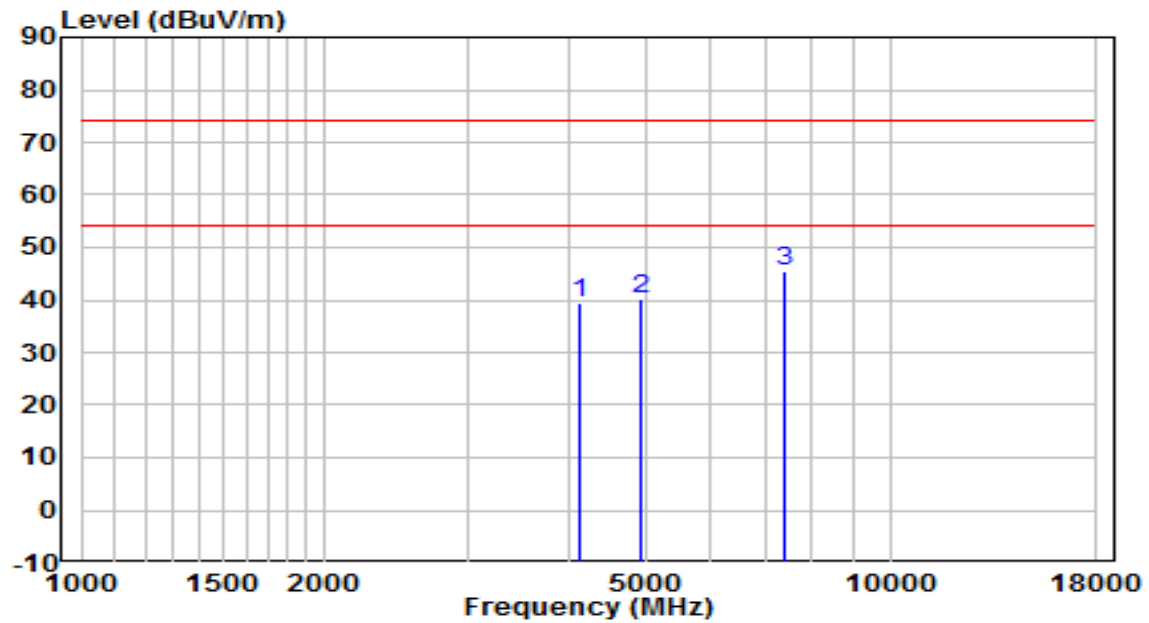


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4264.000	37.44	2.17	39.60	-34.40	74.00	Peak
2	5046.000	35.94	4.03	39.97	-34.03	74.00	Peak
3	* 7698.000	31.81	13.18	44.99	-29.01	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

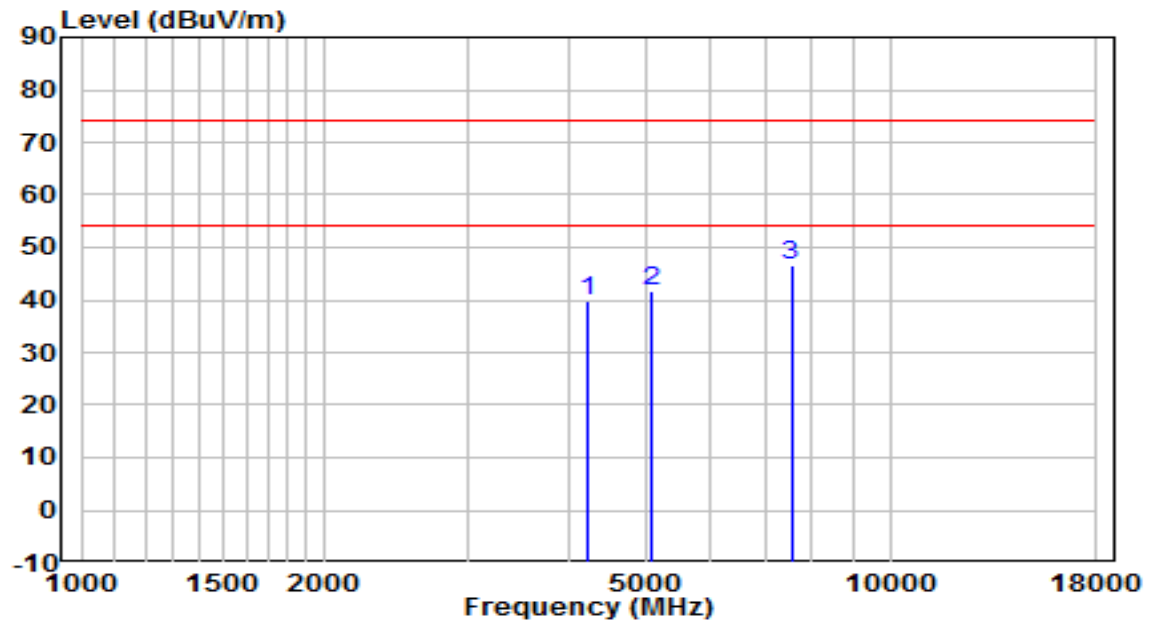


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4136.500	37.57	1.69	39.26	-34.74	74.00	Peak
2	4918.500	36.31	3.80	40.11	-33.89	74.00	Peak
3	* 7426.000	32.66	12.69	45.35	-28.65	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

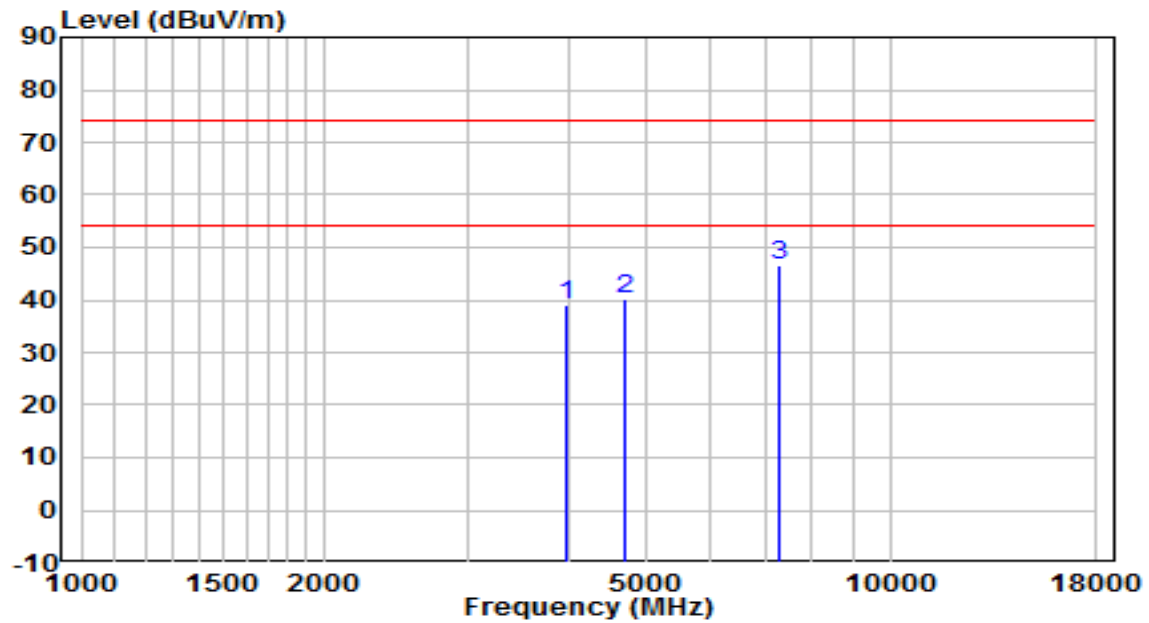


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4221.500	37.78	2.01	39.79	-34.21	74.00	Peak
2	5054.500	37.60	4.04	41.64	-32.36	74.00	Peak
3	* 7545.000	33.40	13.05	46.45	-27.55	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

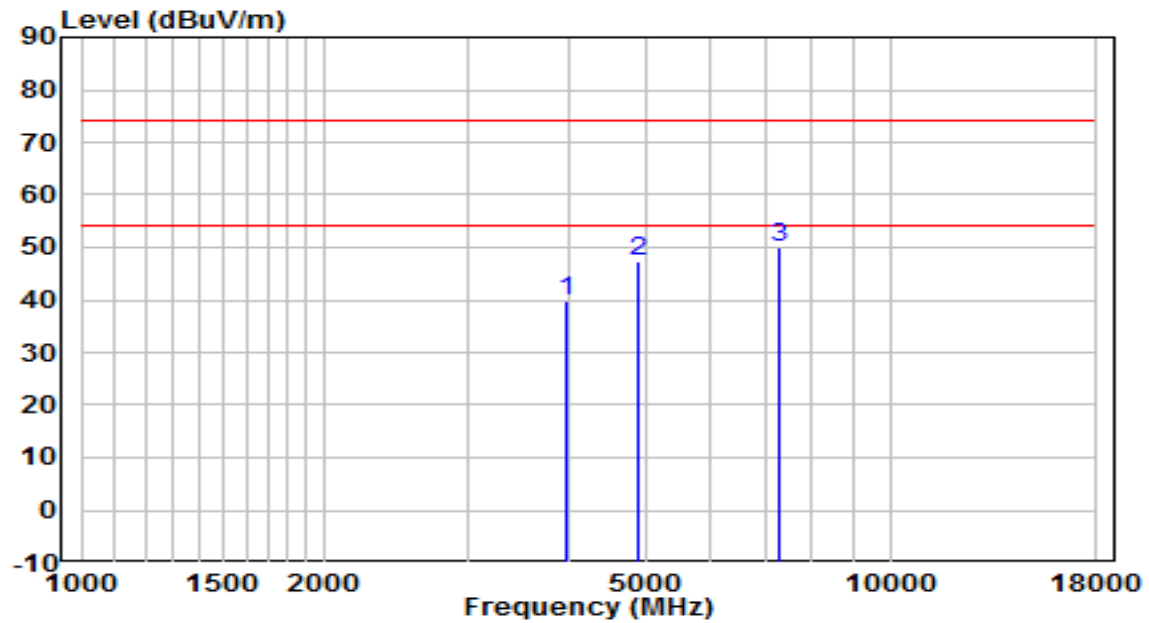


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3966.500	38.14	1.08	39.22	-34.78	74.00	Peak
2	4697.500	36.66	3.41	40.06	-33.94	74.00	Peak
3	* 7307.000	34.39	12.16	46.55	-27.45	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

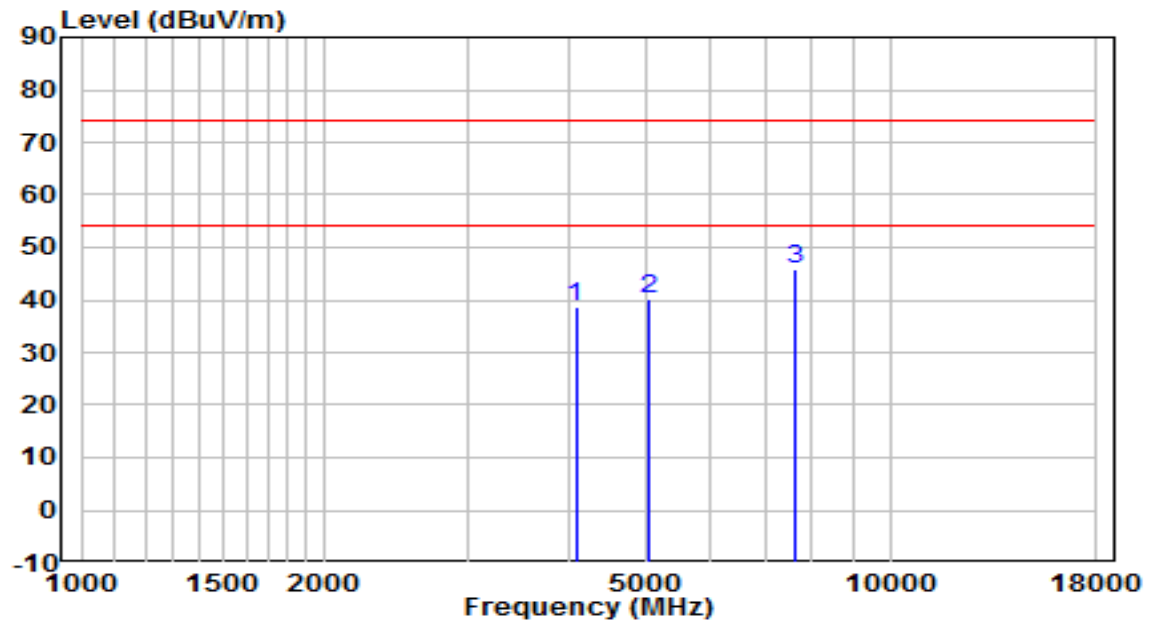


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3975.000	38.59	1.10	39.70	-34.30	74.00	Peak
2	4876.000	43.63	3.73	47.35	-26.65	74.00	Peak
3	* 7315.500	37.83	12.20	50.03	-23.97	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

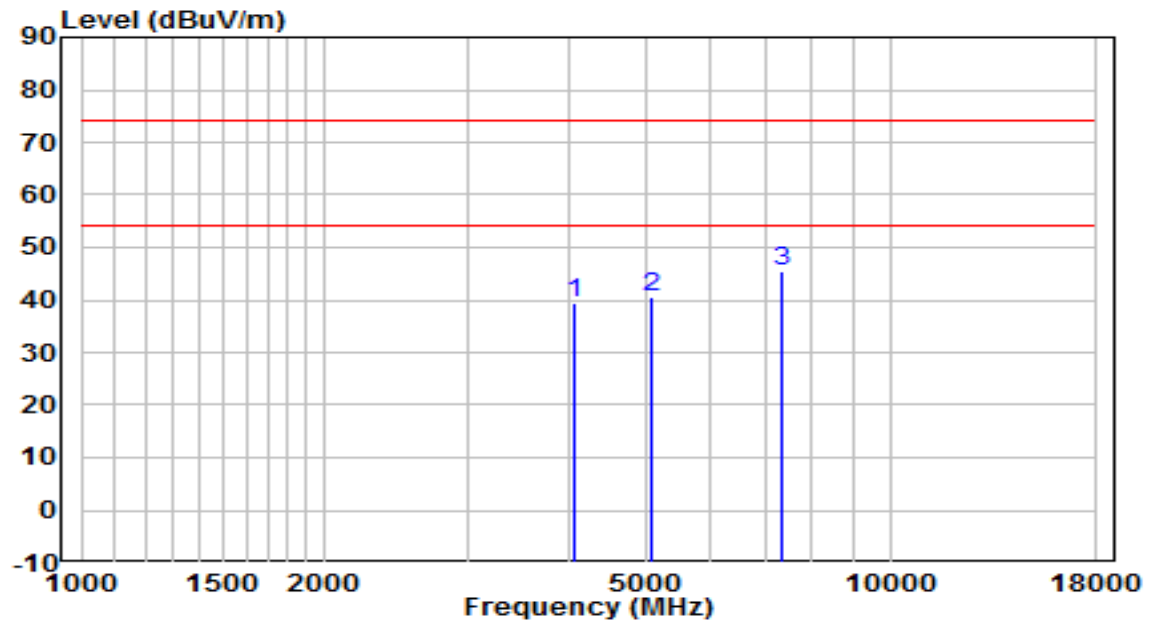


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4085.500	37.06	1.50	38.56	-35.44	74.00	Peak
2	5020.500	36.14	3.98	40.13	-33.87	74.00	Peak
3	* 7604.500	32.57	13.10	45.67	-28.33	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

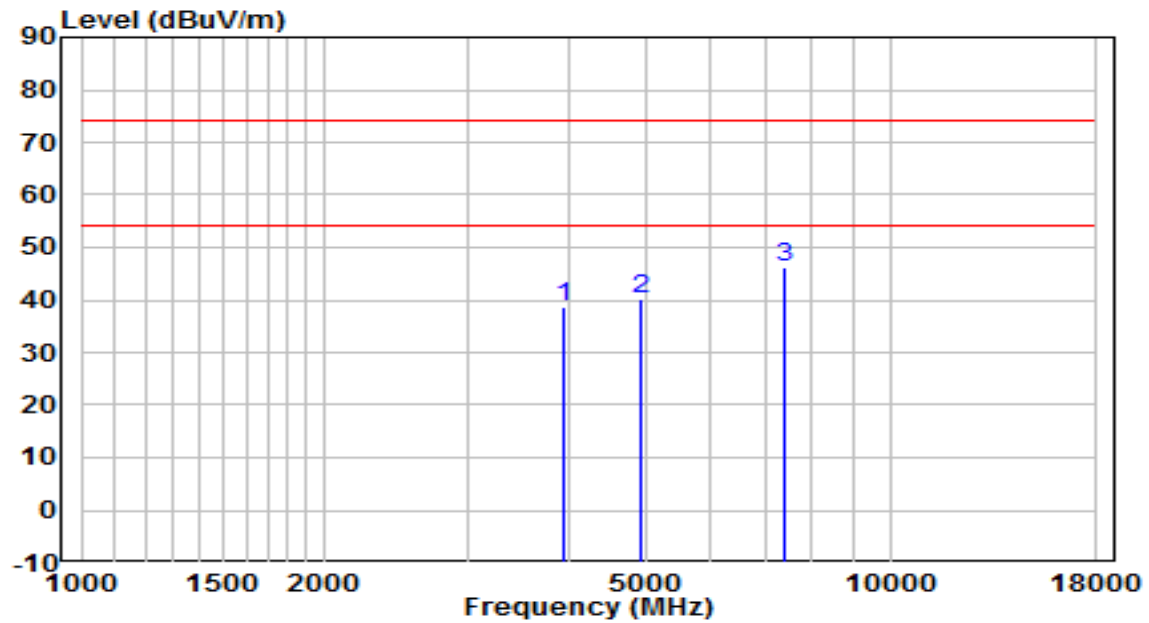


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4077.000	37.81	1.47	39.27	-34.73	74.00	Peak
2	5071.500	36.60	4.07	40.67	-33.33	74.00	Peak
3	* 7332.500	33.21	12.27	45.49	-28.51	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

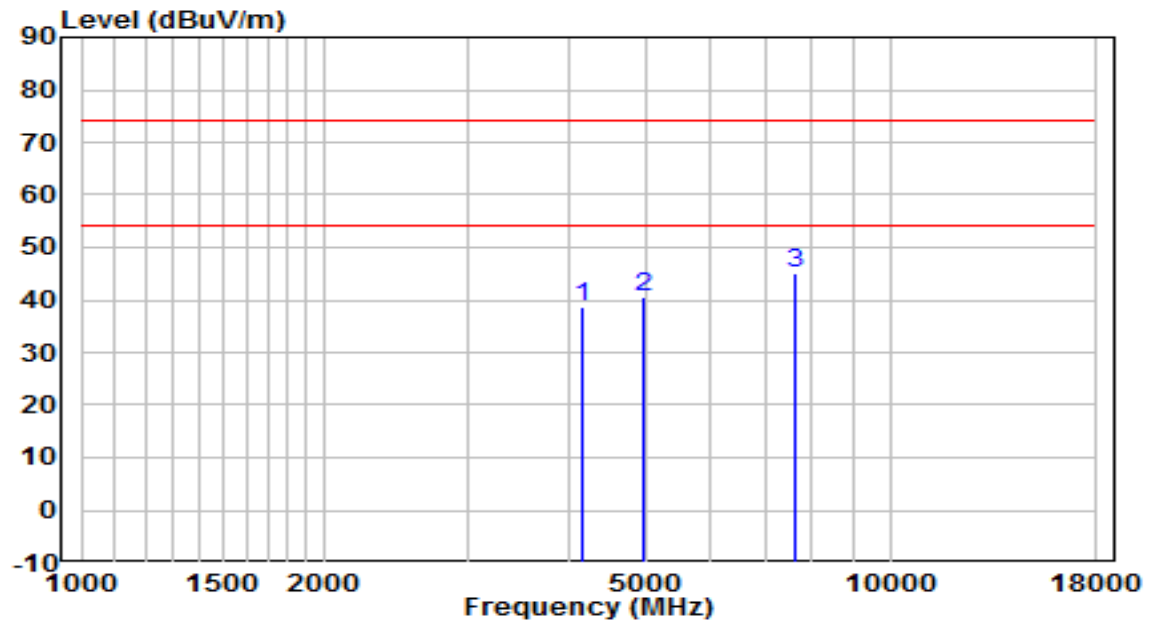


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3949.500	37.50	1.03	38.53	-35.47	74.00	Peak
2	4918.500	36.31	3.80	40.11	-33.89	74.00	Peak
3	* 7409.000	33.66	12.61	46.27	-27.73	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

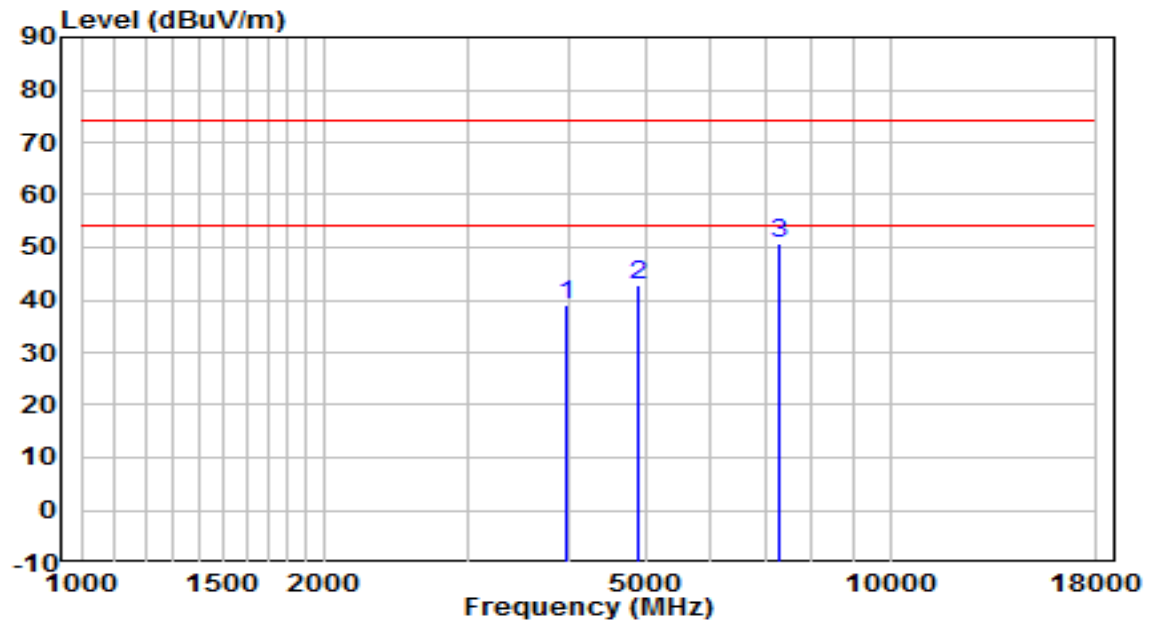


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4162.000	36.93	1.79	38.71	-35.29	74.00	Peak
2	4952.500	36.82	3.86	40.69	-33.31	74.00	Peak
3	* 7604.500	31.94	13.10	45.04	-28.96	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

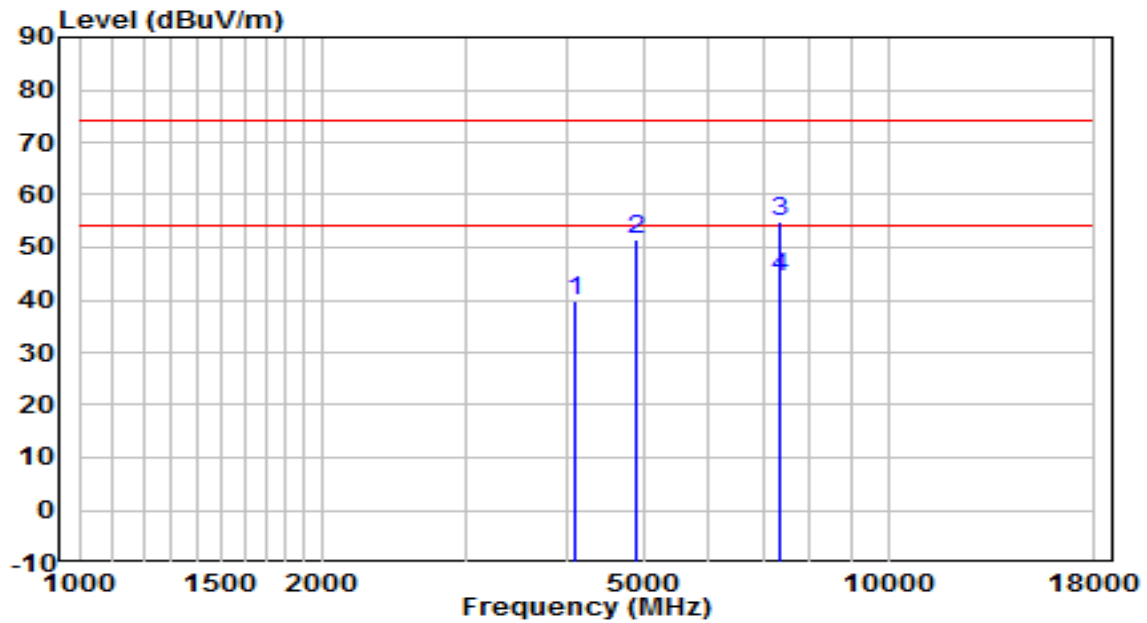


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3992.000	37.83	1.16	38.98	-35.02	74.00	Peak
2	4867.500	38.99	3.71	42.70	-31.30	74.00	Peak
3	* 7307.000	38.51	12.16	50.67	-23.33	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

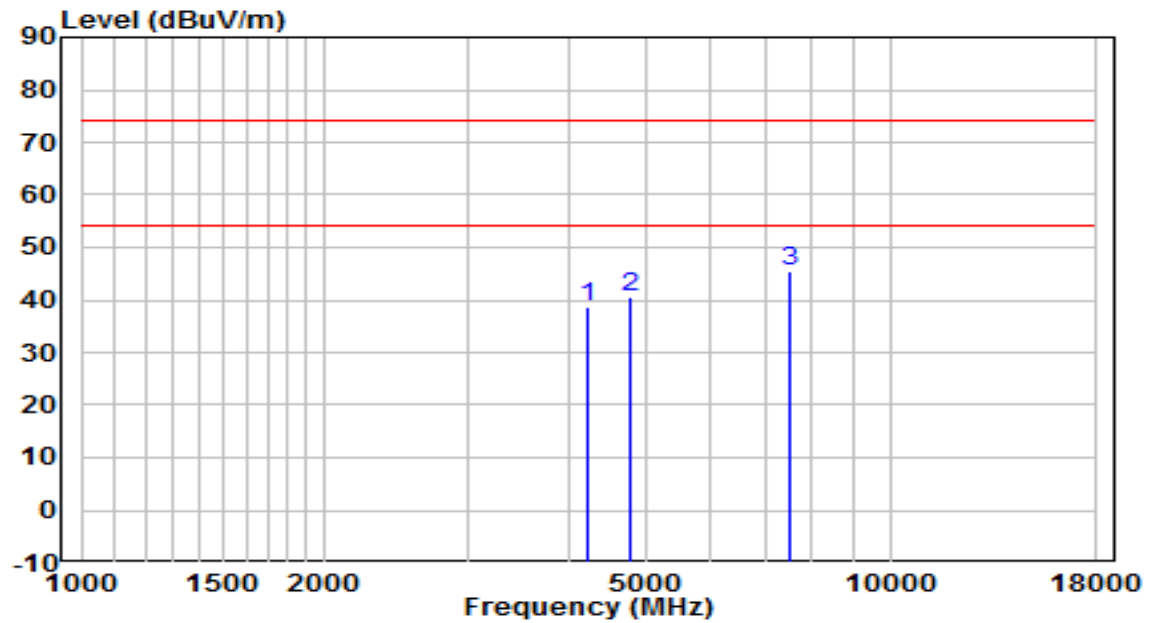


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4102.500	38.10	1.56	39.66	-34.34	74.00	Peak
2	4884.500	47.60	3.74	51.34	-22.66	74.00	Peak
3	7324.000	42.52	12.24	54.75	-19.25	74.00	Peak
4	* 7324.000	32.26	12.24	44.50	-9.50	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

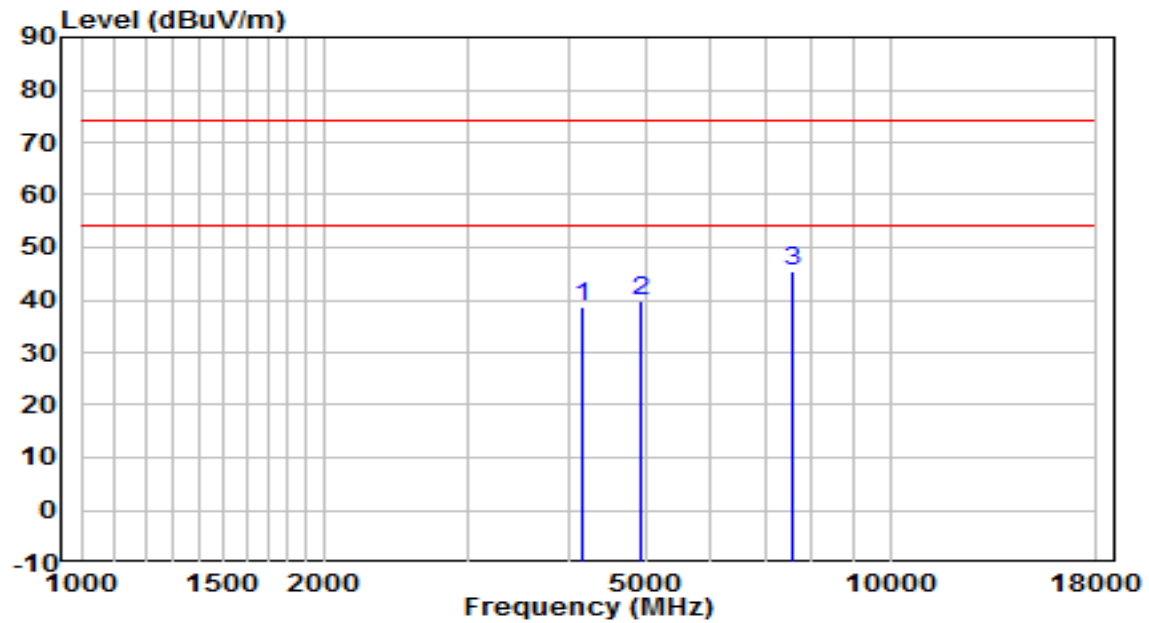


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4213.000	36.86	1.98	38.84	-35.16	74.00	Peak
2	4774.000	36.88	3.54	40.42	-33.58	74.00	Peak
3	* 7502.500	32.50	13.02	45.51	-28.49	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

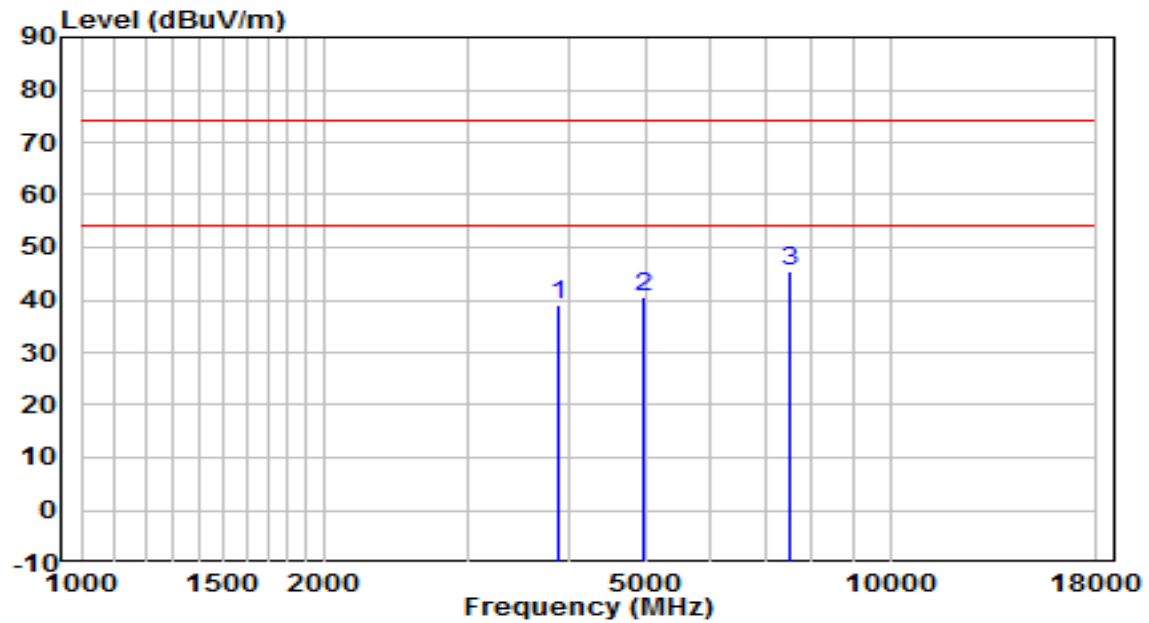


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4153.500	36.84	1.75	38.59	-35.41	74.00	Peak
2	4935.500	36.00	3.83	39.83	-34.17	74.00	Peak
3	* 7570.500	32.44	13.07	45.51	-28.49	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

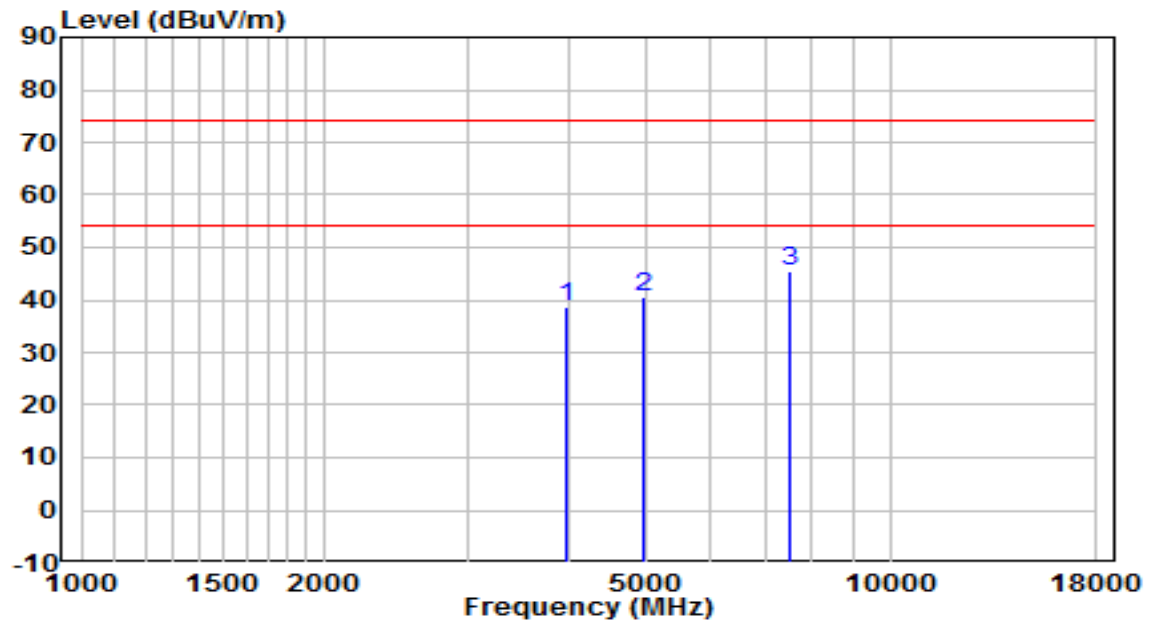


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3890.000	38.24	0.85	39.09	-34.91	74.00	Peak
2	4952.500	36.86	3.86	40.73	-33.27	74.00	Peak
3	* 7494.000	32.62	12.99	45.60	-28.40	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

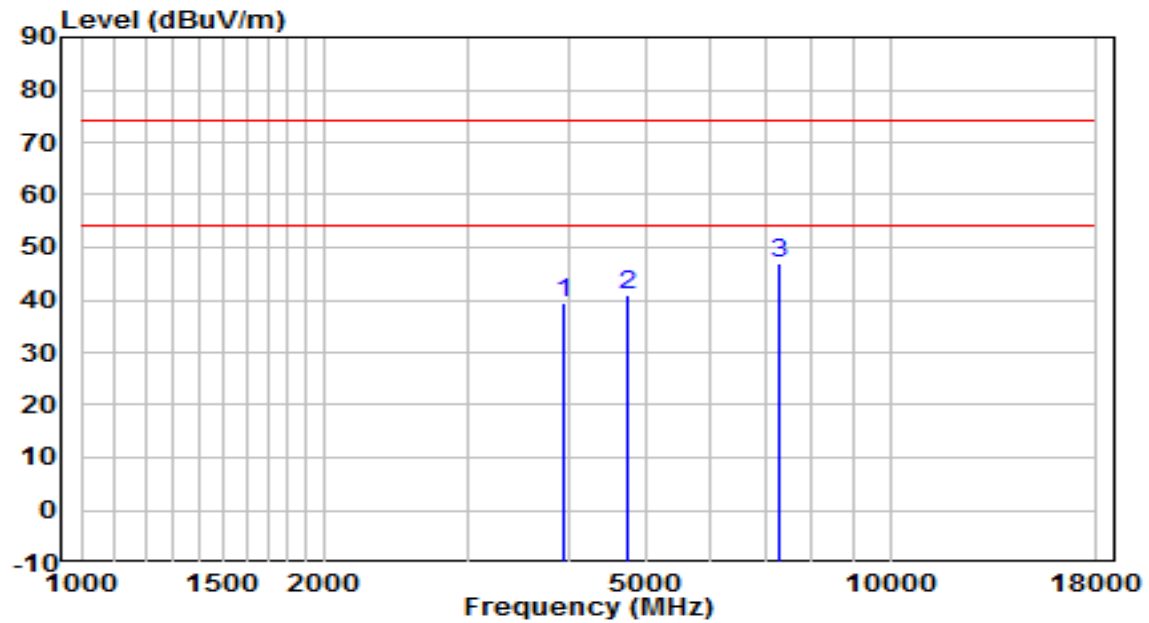


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3975.000	37.75	1.10	38.85	-35.15	74.00	Peak
2	4969.500	36.62	3.90	40.51	-33.49	74.00	Peak
3	* 7519.500	32.53	13.03	45.56	-28.44	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

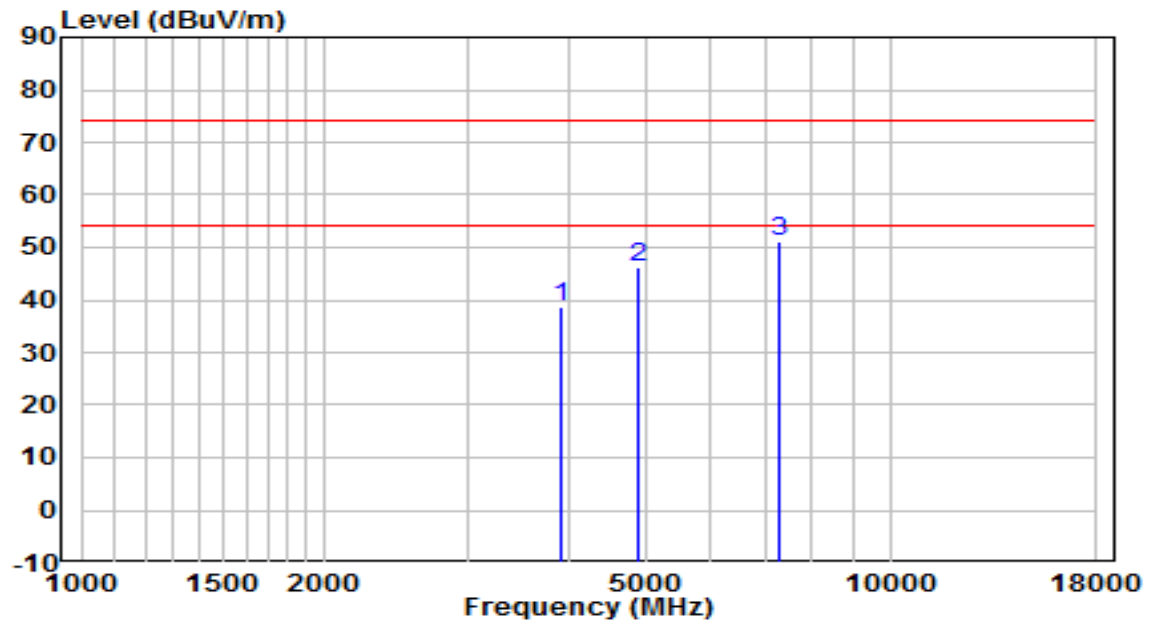


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3941.000	38.40	1.00	39.40	-34.60	74.00	Peak
2	4731.500	37.58	3.47	41.05	-32.95	74.00	Peak
3	* 7315.500	34.82	12.20	47.02	-26.98	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

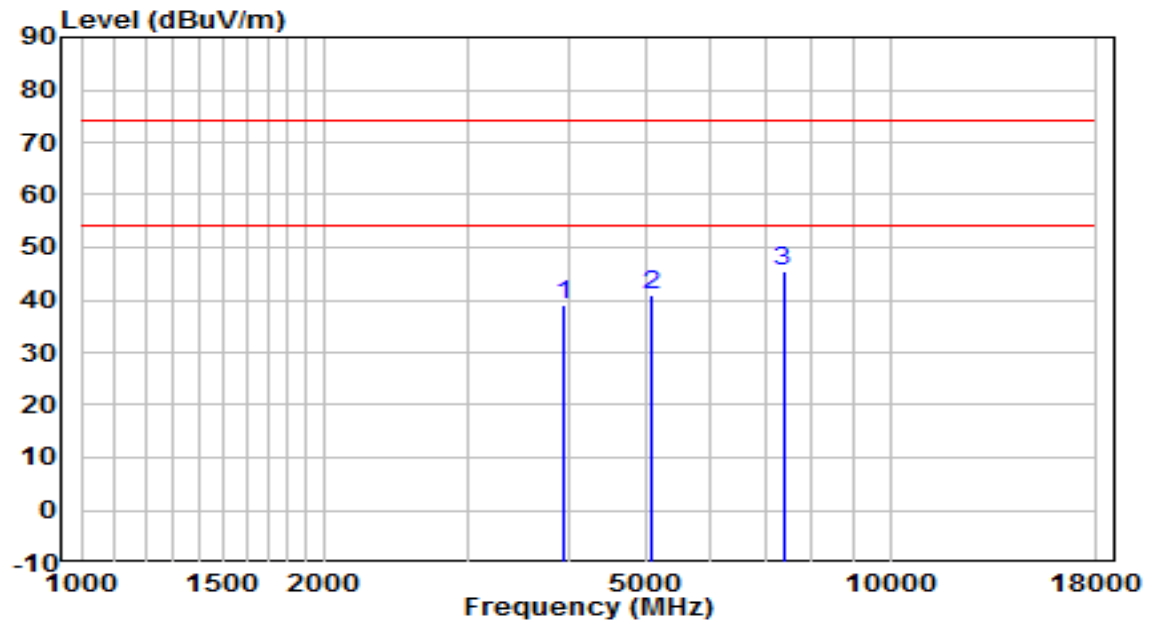


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3915.500	37.69	0.92	38.61	-35.39	74.00	Peak
2	4876.000	42.45	3.73	46.18	-27.82	74.00	Peak
3	* 7315.500	38.80	12.20	51.00	-23.00	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz

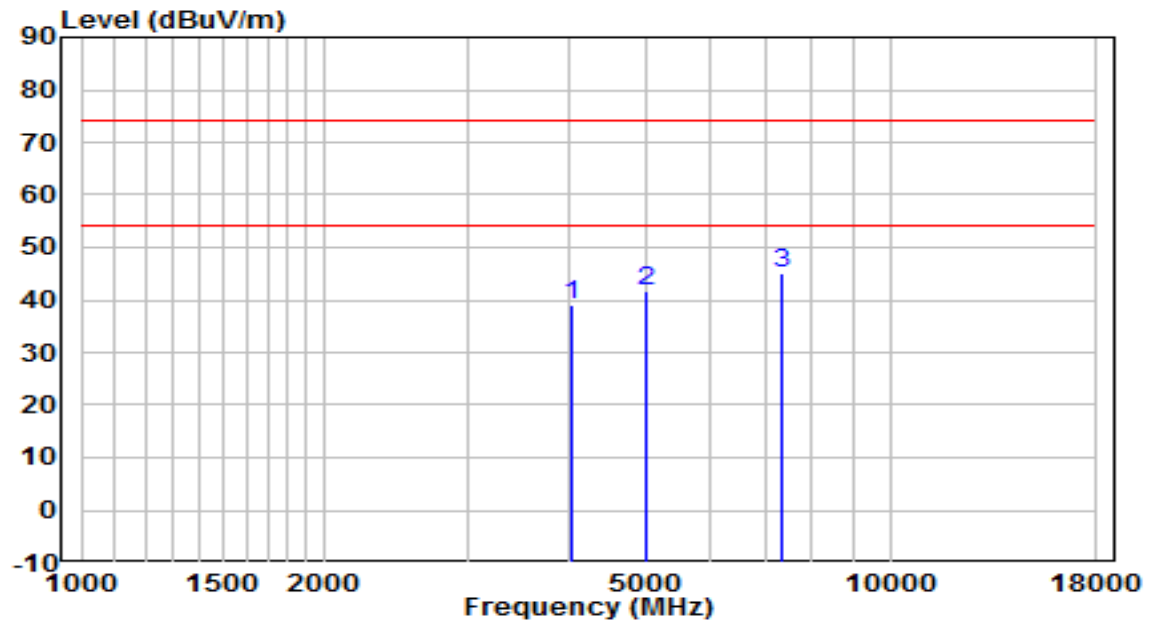


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	3958.000	37.96	1.05	39.01	-34.99	74.00	Peak
2	5063.000	37.01	4.05	41.07	-32.93	74.00	Peak
3	* 7375.000	33.02	12.46	45.48	-28.52	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-08
Factor	BBHA 9120D	Temp. / Humidity	28.2°C/55.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz



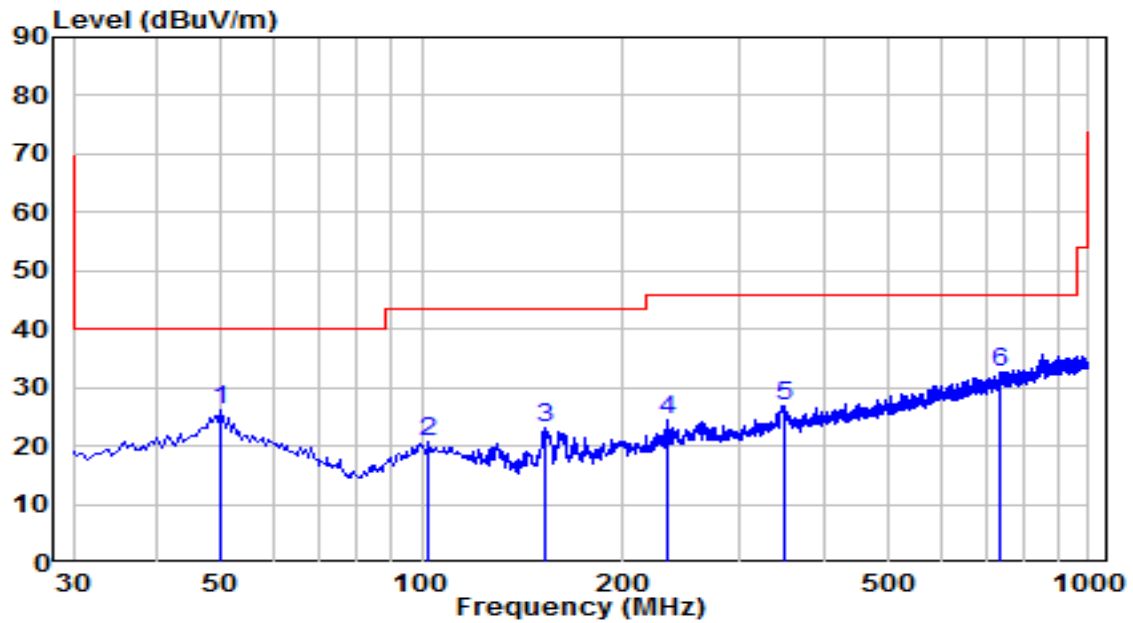
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	4051.500	37.67	1.37	39.04	-34.96	74.00	Peak
2	4995.000	37.80	3.94	41.74	-32.26	74.00	Peak
3	* 7349.500	32.71	12.35	45.05	-28.95	74.00	Peak

Note:

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

The Worst Case of Radiated Emission below 1GHz:

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C /43.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

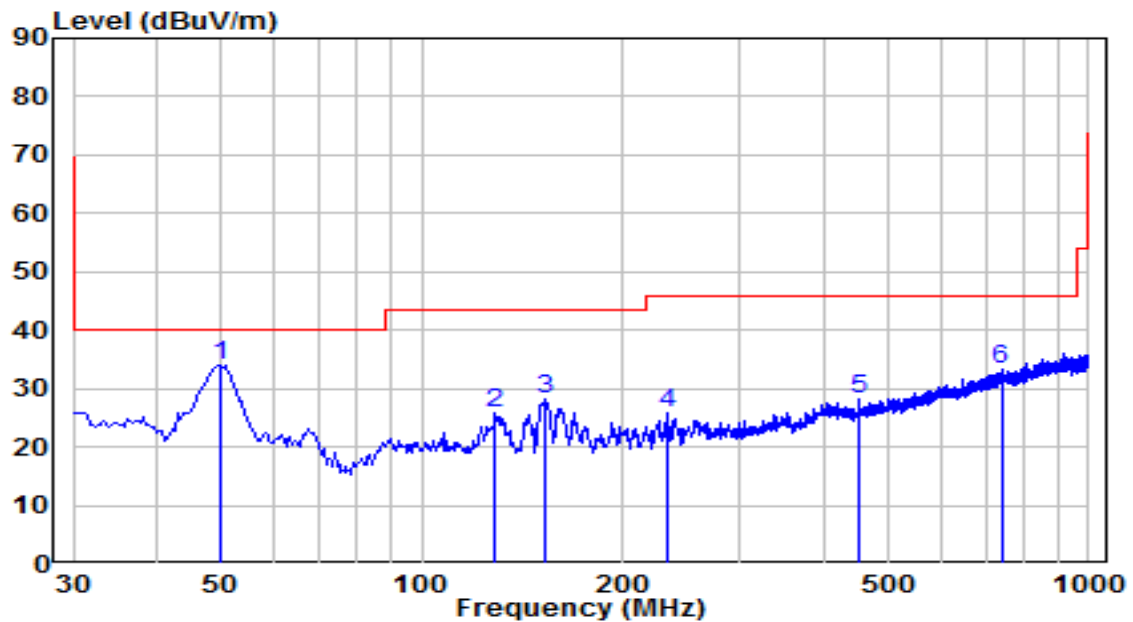


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	49.885	4.12	22.04	26.16	-13.84	40.00	Peak
2	102.265	1.71	19.07	20.78	-22.72	43.50	Peak
3	153.675	7.16	16.10	23.26	-20.24	43.50	Peak
4	232.730	4.59	19.81	24.40	-21.60	46.00	Peak
5	350.100	3.72	23.23	26.95	-19.05	46.00	Peak
6	* 735.190	2.65	29.88	32.53	-13.47	46.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C / 43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

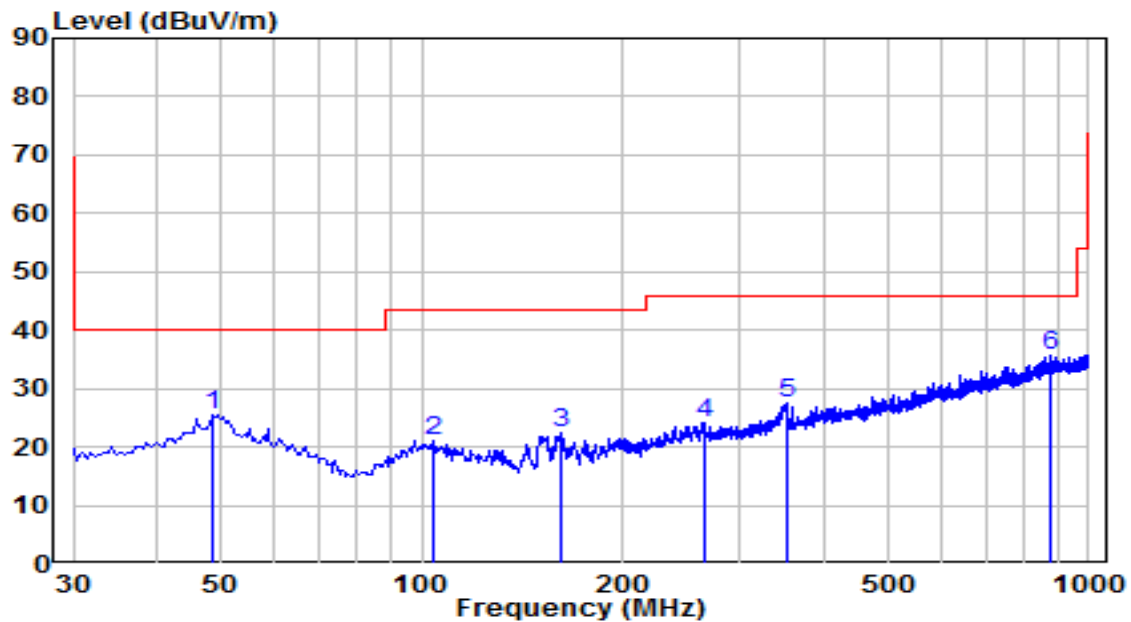


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	49.885	11.87	22.04	33.92	-6.08	40.00	Peak
2		128.940	9.29	16.39	25.67	-17.83	43.50	Peak
3		153.190	12.24	16.09	28.32	-15.18	43.50	Peak
4		233.700	5.93	19.86	25.79	-20.21	46.00	Peak
5		453.405	3.06	24.98	28.04	-17.96	46.00	Peak
6		739.555	3.19	29.94	33.14	-12.86	46.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C / 43.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

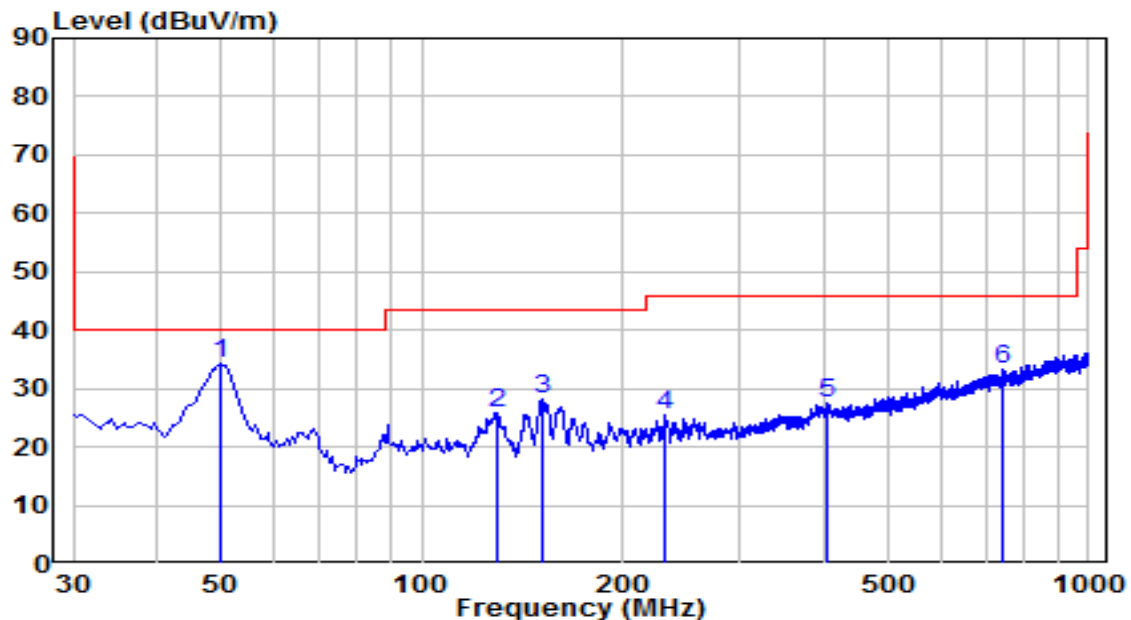


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	48.430	3.50	21.97	25.47	-14.53	40.00	Peak
2	103.720	1.94	19.01	20.94	-22.56	43.50	Peak
3	161.920	6.20	16.38	22.58	-20.92	43.50	Peak
4	265.710	3.37	20.65	24.02	-21.98	46.00	Peak
5	351.555	4.34	23.26	27.60	-18.40	46.00	Peak
6	* 878.750	3.85	31.65	35.50	-10.50	46.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C / 43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Receive by 802.11b at Channel 2437MHz	Test Voltage	110V/60Hz

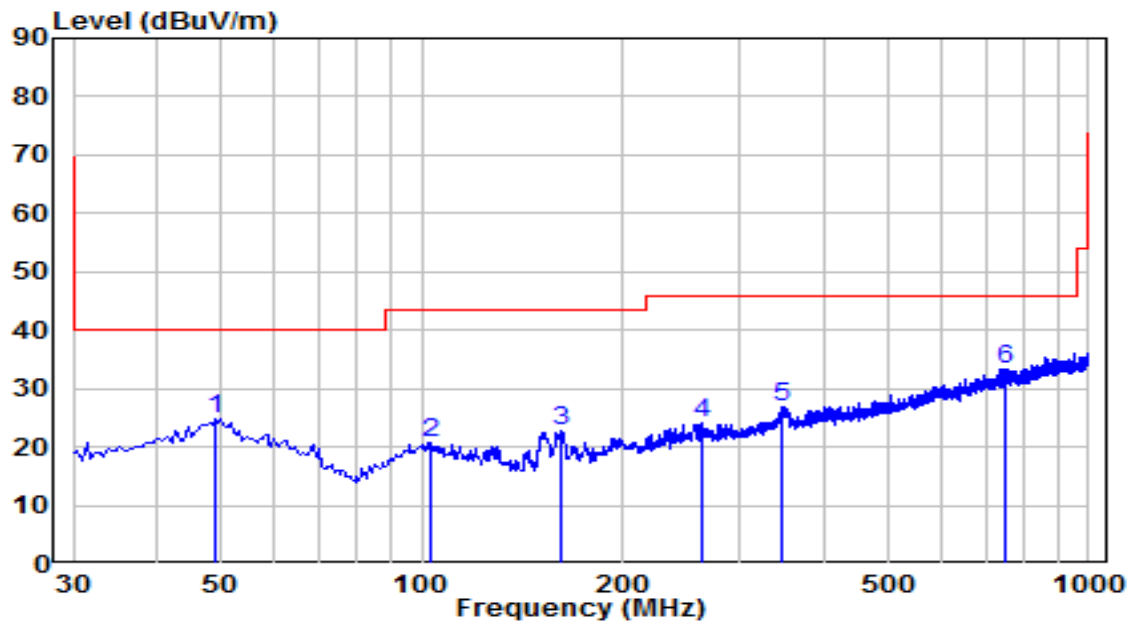


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	49.885	12.10	22.04	34.14	-5.86	40.00	Peak
2		129.425	9.57	16.34	25.91	-17.59	43.50	Peak
3		152.220	12.07	16.05	28.12	-15.38	43.50	Peak
4		232.245	5.59	19.78	25.38	-20.62	46.00	Peak
5		406.360	3.35	24.17	27.52	-18.48	46.00	Peak
6		745.860	3.15	30.04	33.20	-12.80	46.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C / 43.4%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Normal Operation	Test Voltage	110V/60Hz

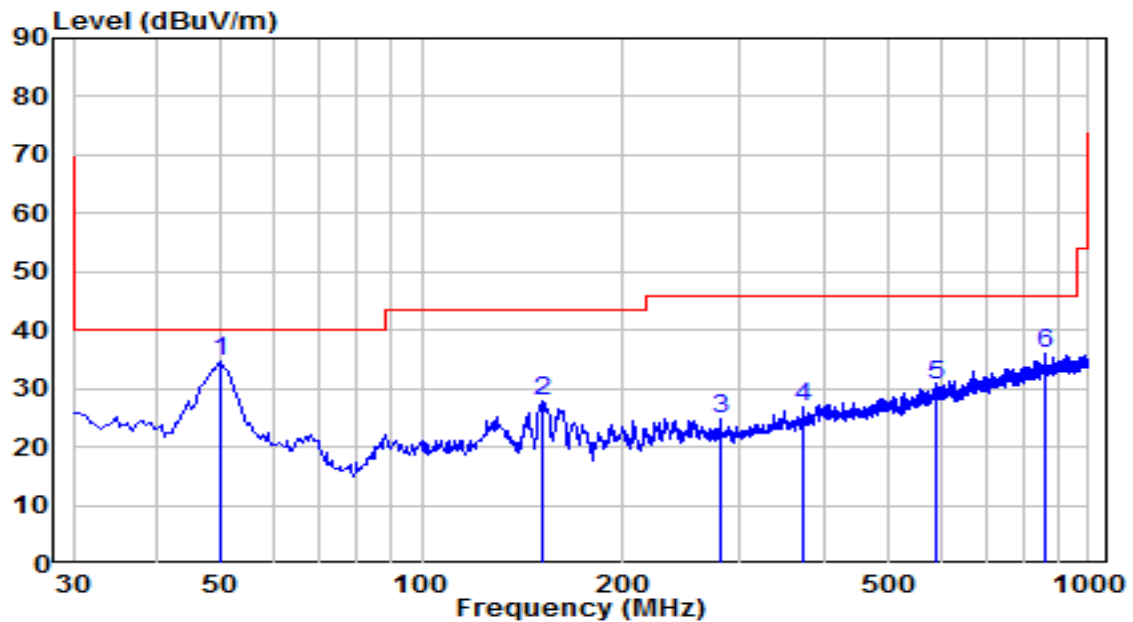


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	48.915	2.72	22.00	24.71	-15.29	40.00	Peak
2	102.750	1.56	19.05	20.61	-22.89	43.50	Peak
3	162.405	6.33	16.40	22.73	-20.77	43.50	Peak
4	262.315	3.52	20.60	24.12	-21.88	46.00	Peak
5	347.190	3.67	23.13	26.80	-19.20	46.00	Peak
6	* 747.800	3.23	30.08	33.30	-12.70	46.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	VULB 9162	Temp. / Humidity	25.2°C / 43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Normal Operation	Test Voltage	110V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	49.885	12.45	22.04	34.49	-5.51	40.00	Peak
2		151.735	11.78	16.03	27.81	-15.69	43.50	Peak
3		279.775	3.72	21.03	24.75	-21.25	46.00	Peak
4		373.380	3.34	23.62	26.96	-19.04	46.00	Peak
5		593.085	2.95	27.66	30.61	-15.39	46.00	Peak
6		863.230	4.33	31.56	35.90	-10.10	46.00	Peak

Note:

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

5.6 頻帶邊緣

5.6.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，將其與任何配件設備之電源線連接至位於旋轉桌的交流電源。受測物使用電池時，測試時應裝置新電池或充電完全的電池。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，接收天線並應於水平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，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）

- (1) 任一頻率小於或等於1000 MHz 之訊號,使用CISPR準峰值檢波器
- (2) 任一頻率大於1000 MHz 之訊號,使用平均值檢波器測量,當規定之發射限制值為平均值時(含1000 MHz 以下),受測訊號藉由峰值檢波器(RBW:1MHz,VBW:3MHz)所測量之峰值,亦須符合峰值發射限制值,其峰值發射限制值為最大容許平均值加20 dB。

備註: 若為手持式或穿戴式之裝置,需對其三個正交軸的方位評估測試,並記錄最差的數值。

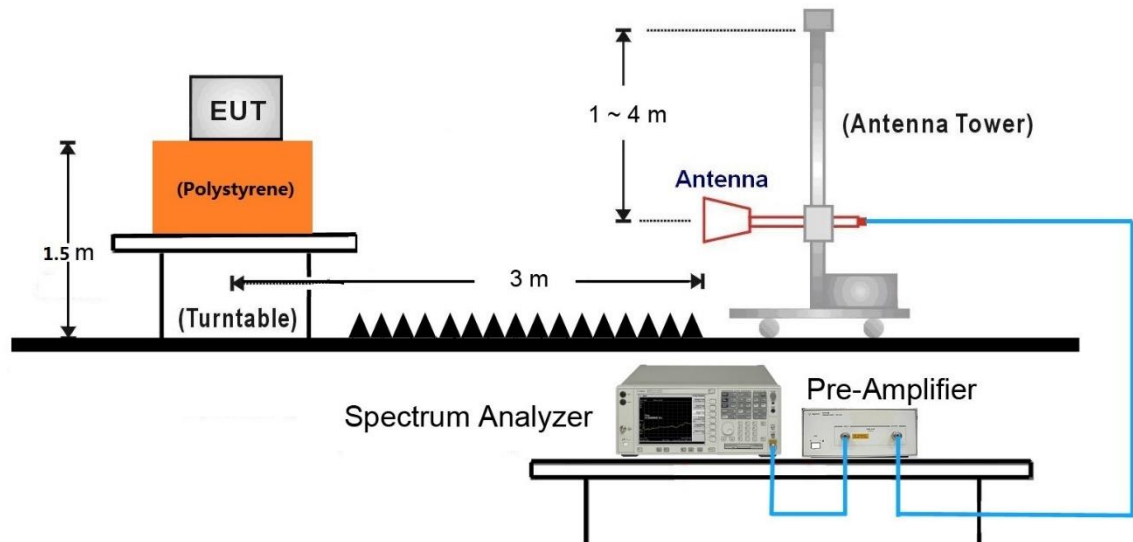
5.6.2 限制要求

除低功率射頻器材技術規範另有規定外,任何低功率射頻器材之主波皆不得使用下表所列各頻段之頻率
低功率射頻器材落於下表所列頻帶內之混附發射,其電場強度必須符合低功率射頻器材技術規範之第3.6節限制規定

頻 率 (MHz)	頻 率 (MHz)	頻 率 (MHz)	頻 率 (MHz)	頻 率 (MHz)
0.090~0.110	25.500~25.700	703.00~748.00	2310.0~2390.0	13250~13400
0.490~0.510	37.475~38.275	758.00~803.00	2483.5~2900.0	14470~14500
2.172~2.198	73.500~75.400	825.00~915.00	3260.0~3267.0	15350~16200
3.013~3.033	108.00~138.00	930.00~1240.0	3332.0~3339.0	17700~21400
4.115~4.198	149.90~150.05	1300.0~1427.0	3345.8~3358.0	22010~23120
5.670~5.690	156.70~156.90	1435.0~1626.5	3500.0~4400.0	23600~24000
6.200~6.300	162.01~167.17	1660.0~1785.0	4500.0~5250.0	31200~31800
8.230~8.400	167.72~173.20	1805.0~1880.0	5350.0~5460.0	36430~36500
12.265~12.600	240.00~285.00	1885.0~1900.0	7250.0~7750.0	38600 以上
13.340~13.430	322.00~335.40	1905.0~1985.0	8025.0~8500.0	
14.965~15.020	399.90~410.00	2010.0~2025.0	9000.0~9200.0	
16.700~16.755	485.00~510.00	2110.0~2170.0	9300.0~9500.0	
19.965~20.020	608.00~614.00	2200.0~2300.0	10600~12700	

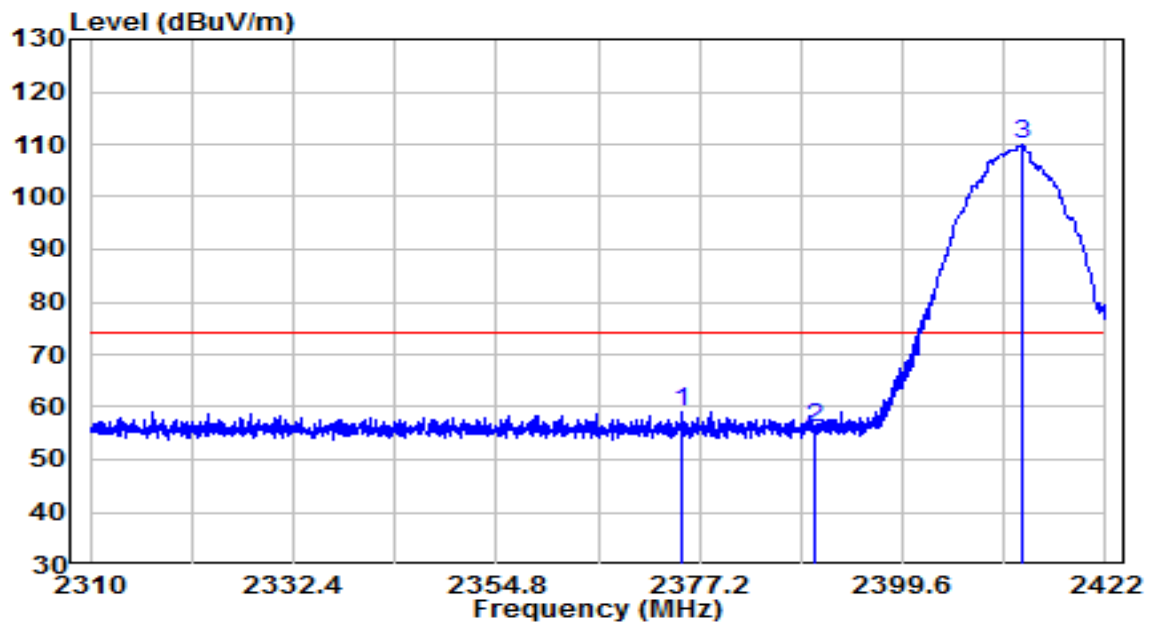
5.6.3 測試架構圖

1GHz ~ 18GHz Test Setup:



5.6.4 頻帶邊緣測試結果

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

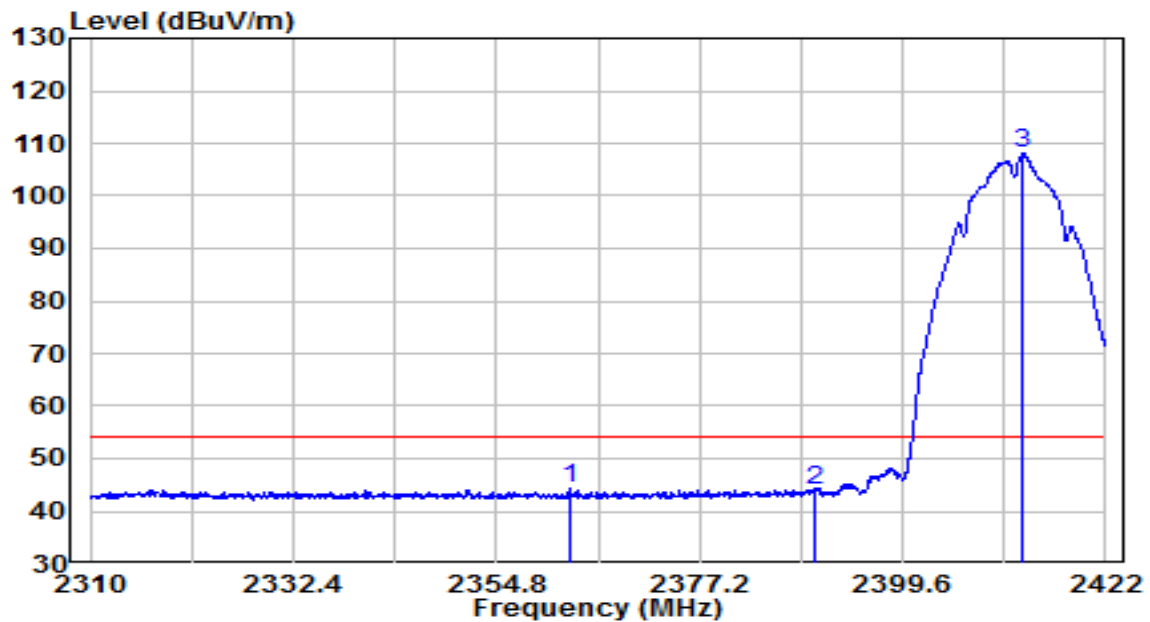


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2375.296	26.83	32.16	58.98	-15.02	74.00	Peak
2	2390.000	23.81	32.22	56.03	-17.97	74.00	Peak
3	* 2412.816	77.69	32.31	110.01	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

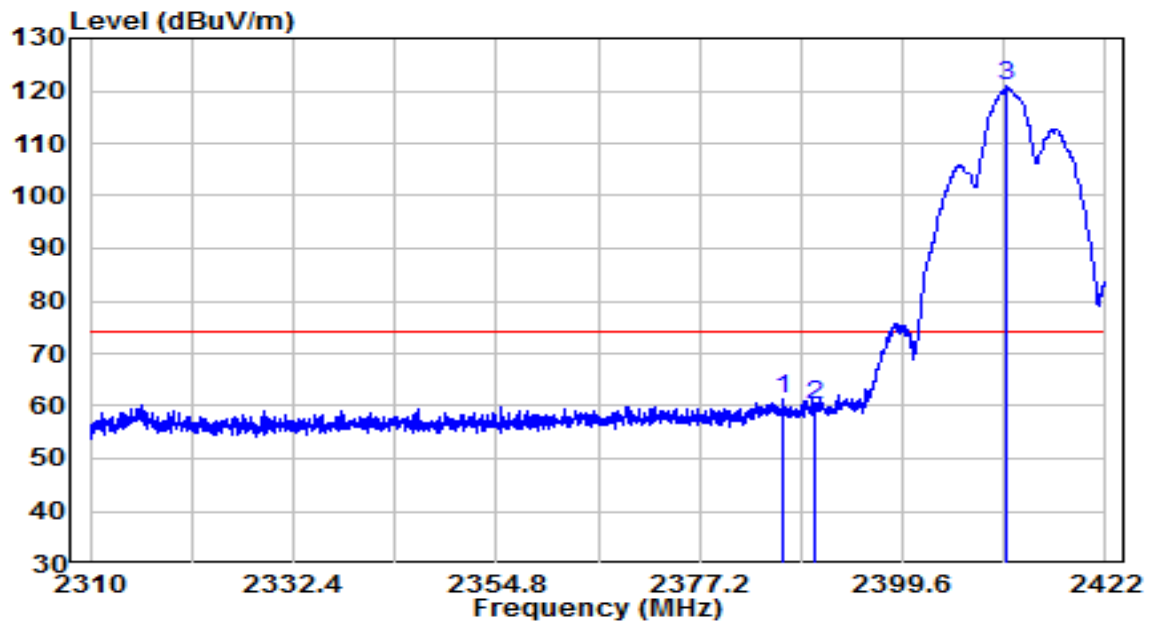


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2362.808	12.15	32.10	44.25	-9.75	54.00	Average
2	2390.000	11.89	32.22	44.11	-9.89	54.00	Average
3	* 2412.928	75.64	32.31	107.96	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

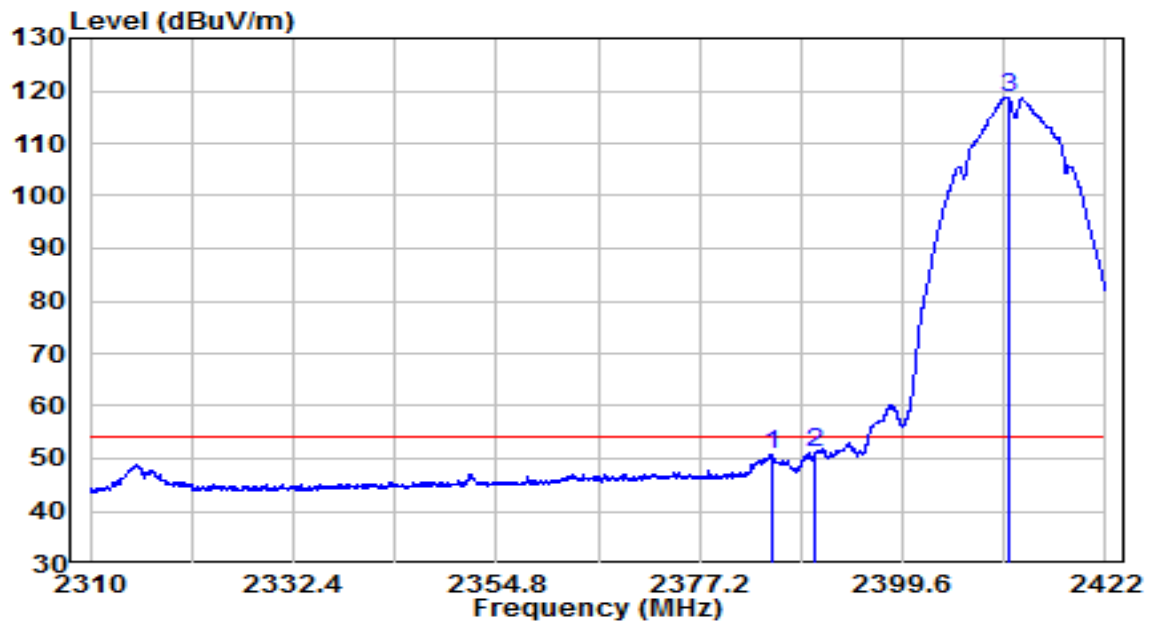


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2386.328	29.21	32.20	61.41	-12.59	74.00	Peak
2	2390.000	28.02	32.22	60.24	-13.76	74.00	Peak
3	* 2411.080	88.46	32.31	120.77	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	110V/60Hz

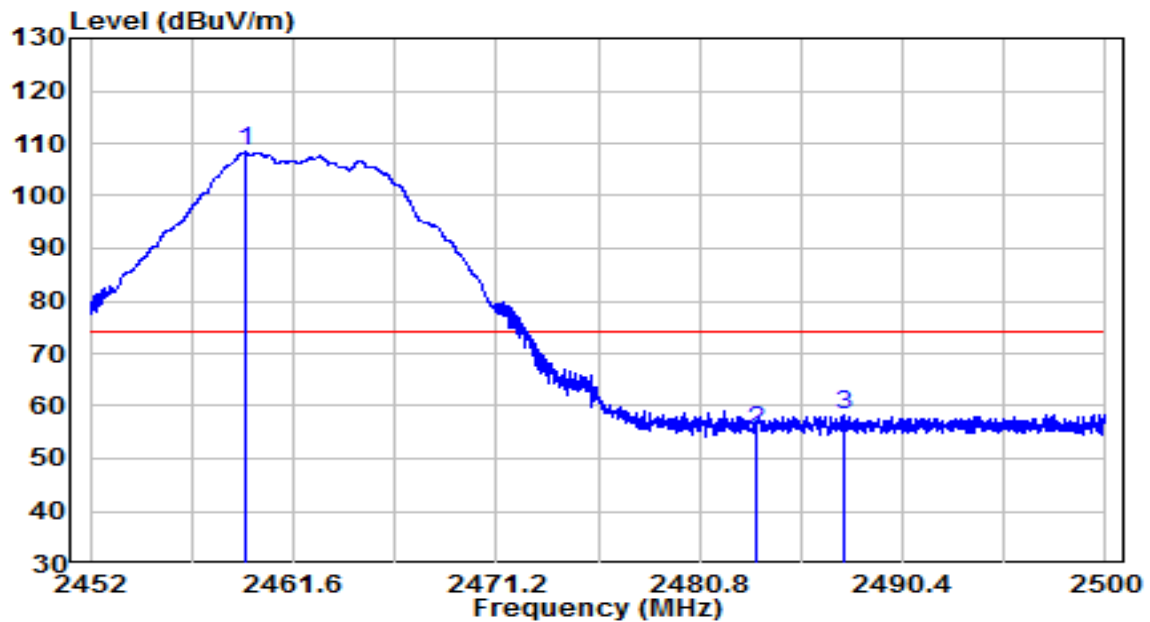


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.096	18.66	32.20	50.86	-3.14	54.00	Average
2	2390.000	19.06	32.22	51.28	-2.72	54.00	Average
3	* 2411.248	86.56	32.31	118.86	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

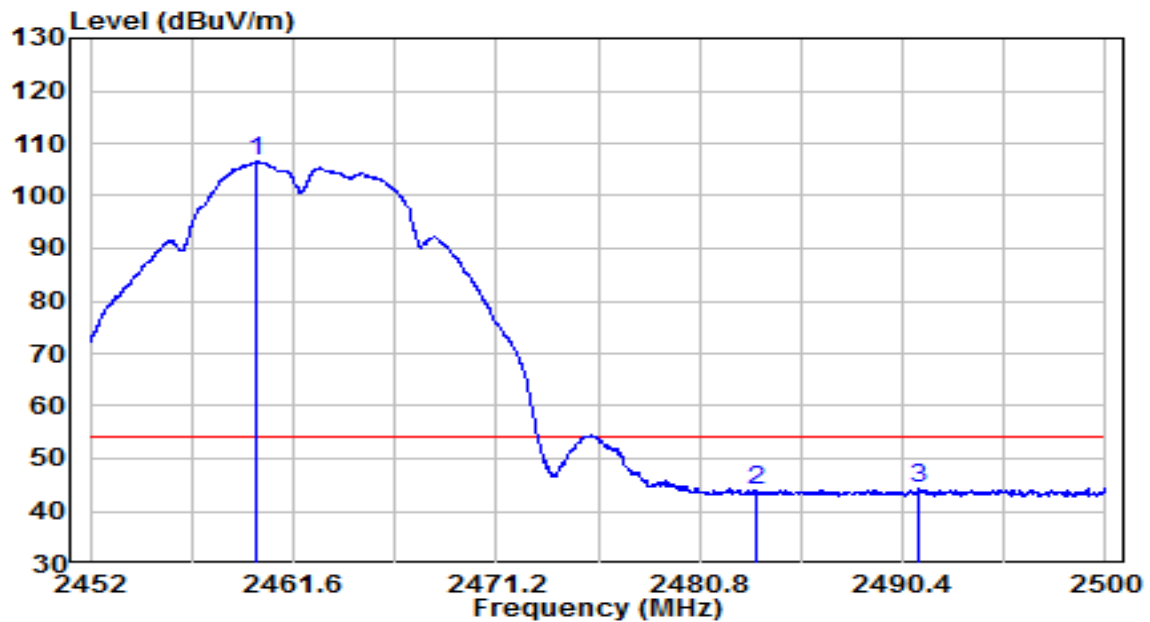


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.296	75.79	32.51	108.30	N/A	N/A	Peak
2		2483.500	22.76	32.61	55.38	-18.62	74.00	Peak
3		2487.592	25.85	32.63	58.48	-15.52	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

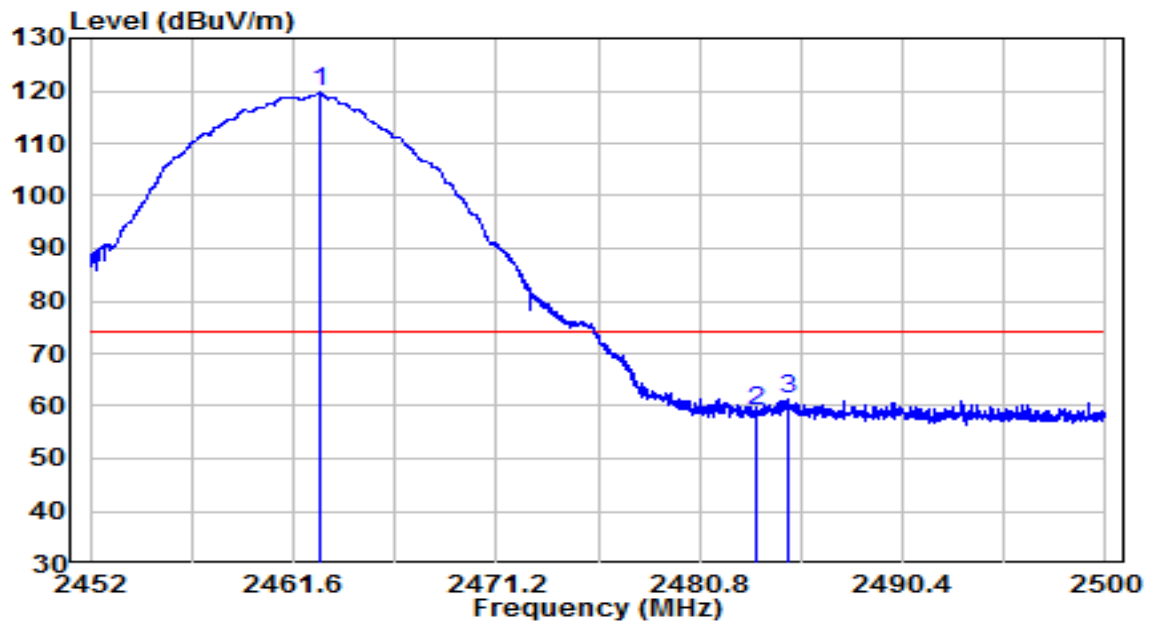


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.896	73.96	32.51	106.47	N/A	N/A	Average
2		2483.500	11.30	32.61	43.91	-10.09	54.00	Average
3		2491.168	11.63	32.64	44.27	-9.73	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

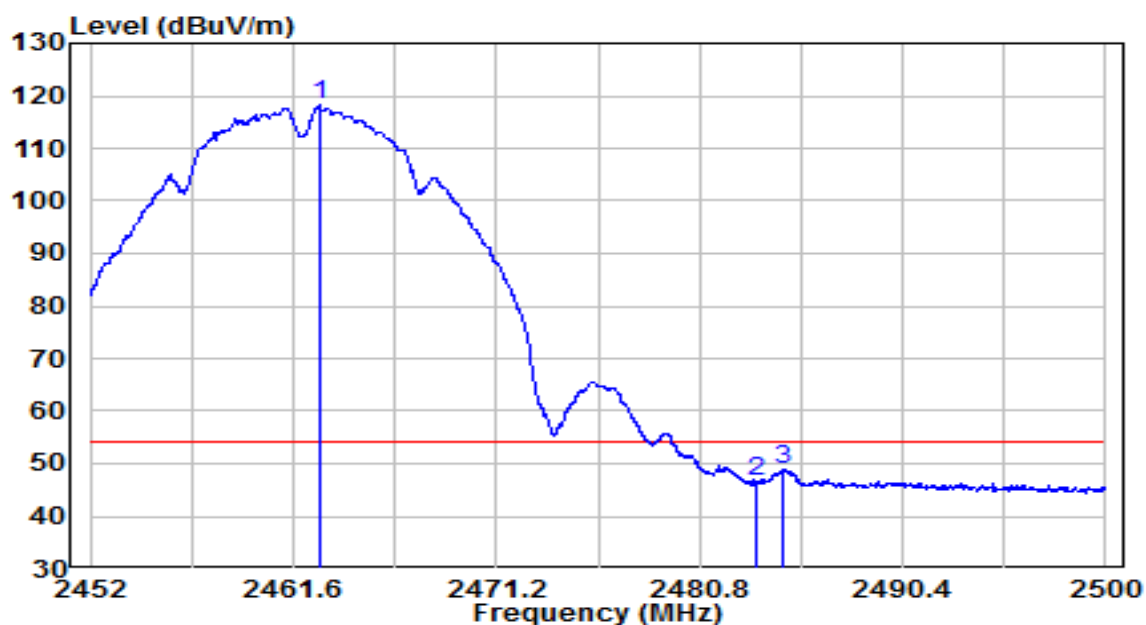


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.872	87.15	32.52	119.68	N/A	N/A	Peak
2		2483.500	26.50	32.61	59.11	-14.89	74.00	Peak
3		2484.976	28.79	32.62	61.40	-12.60	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	110V/60Hz

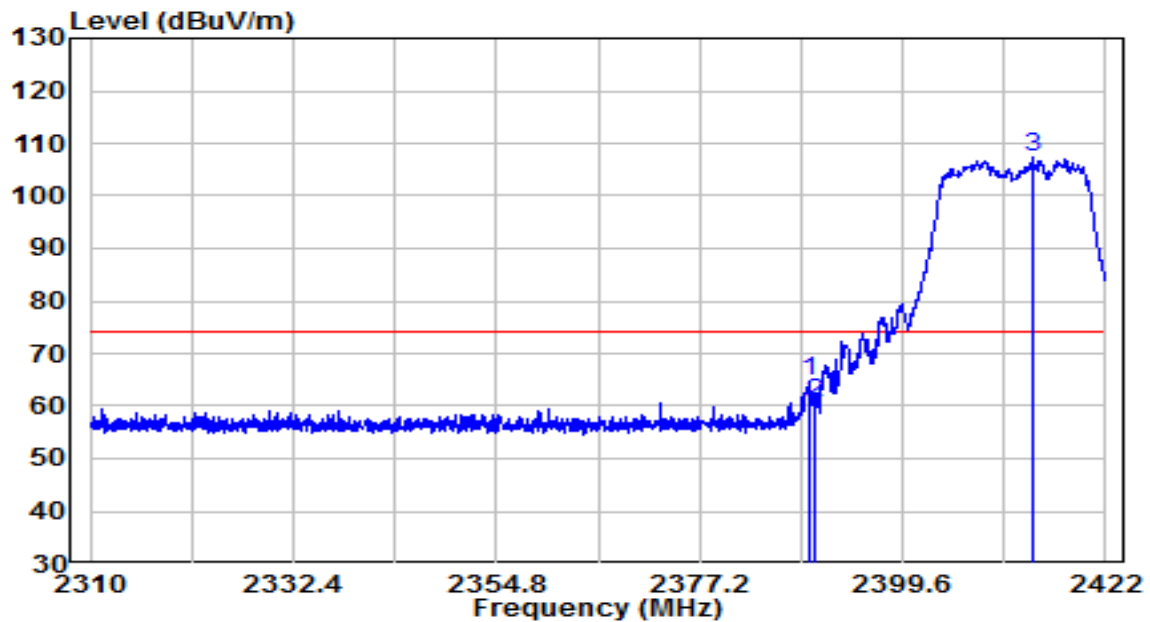


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.872	85.74	32.52	118.26	N/A	N/A	Average
2		2483.500	13.94	32.61	46.55	-7.45	54.00	Average
3		2484.760	16.38	32.62	49.00	-5.00	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	110V/60Hz

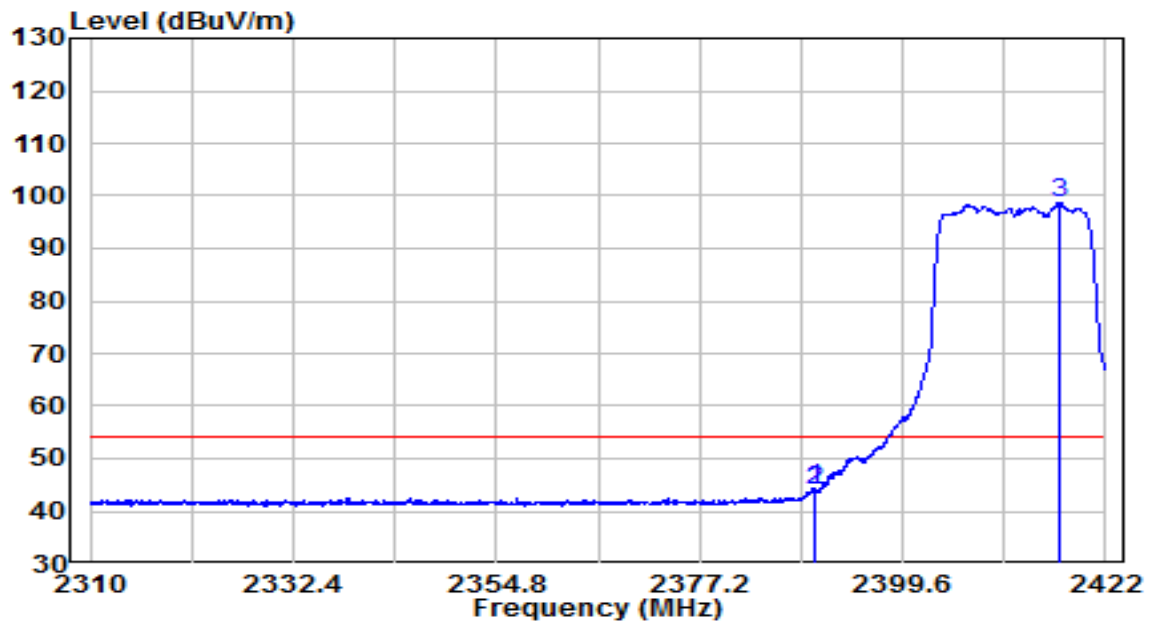


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.296	32.58	32.22	64.79	-9.21	74.00	Peak
2	2390.000	28.29	32.22	60.51	-13.49	74.00	Peak
3	* 2413.936	75.00	32.32	107.31	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	110V/60Hz

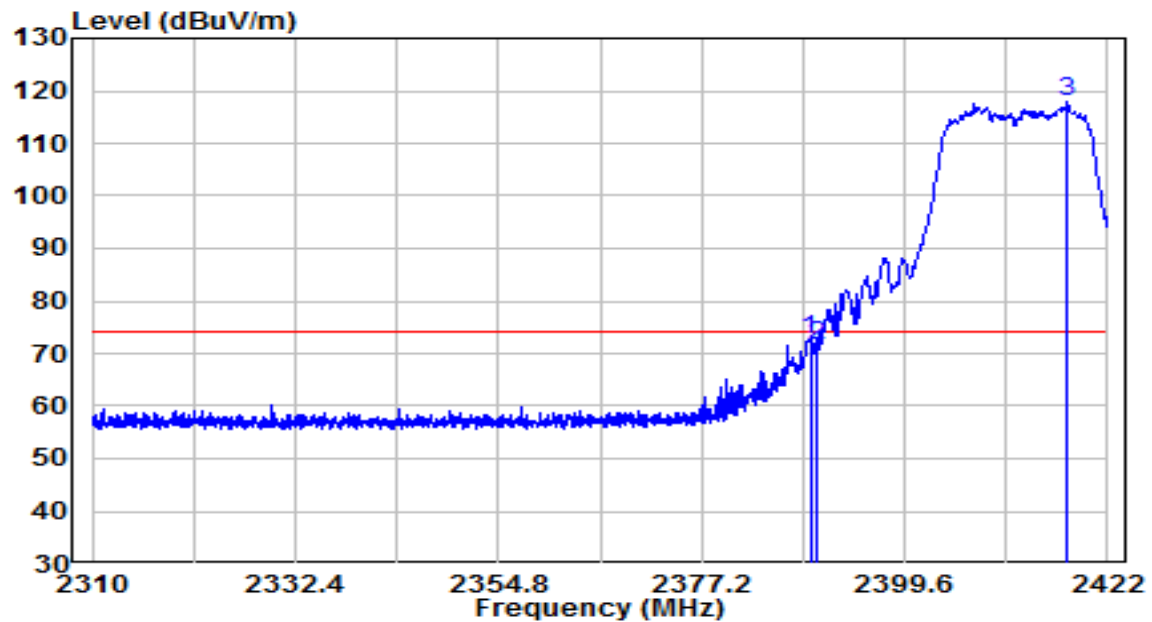


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.800	12.31	32.22	44.52	-9.48	54.00	Average
2	2390.000	11.59	32.22	43.80	-10.20	54.00	Average
3	* 2417.016	66.35	32.33	98.68	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	110V/60Hz

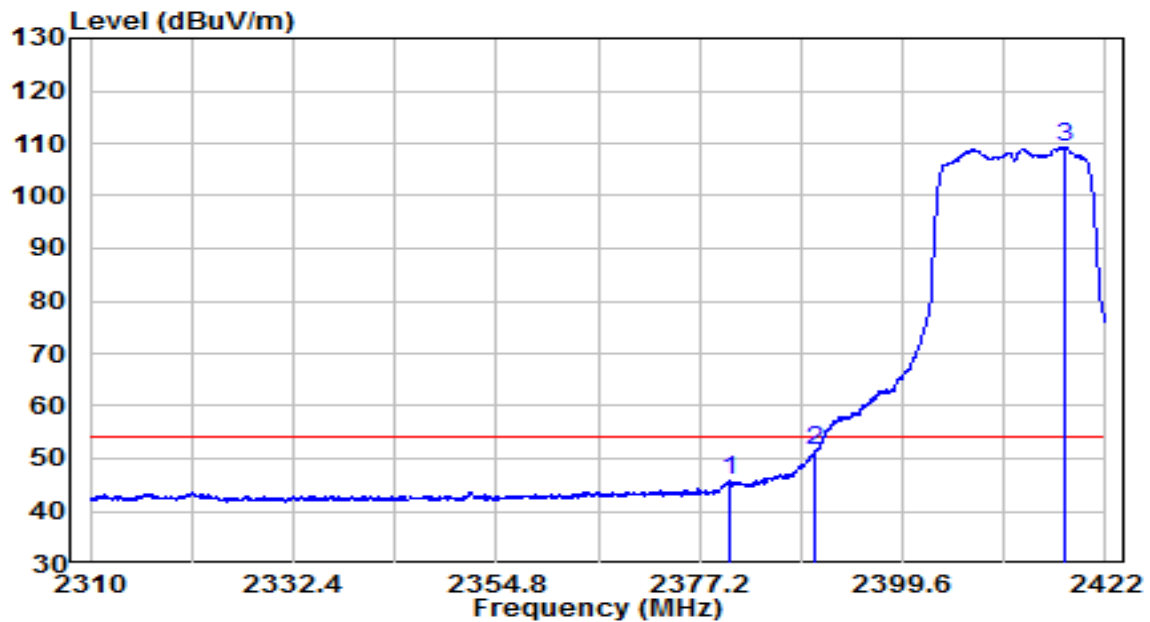


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.184	40.56	32.21	72.77	-1.23	74.00	Peak
2	2390.000	39.14	32.22	71.36	-2.64	74.00	Peak
3	* 2417.520	85.72	32.33	118.05	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	110V/60Hz

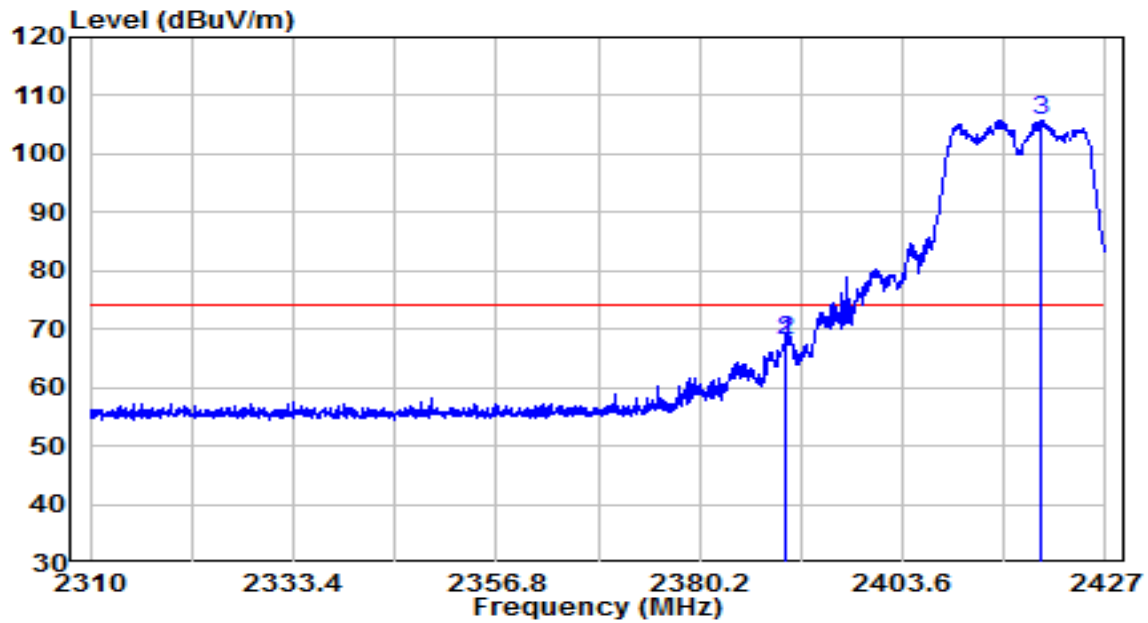


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2380.616	13.66	32.18	45.84	-8.16	54.00	Average
2	2390.000	19.32	32.22	51.54	-2.46	54.00	Average
3	* 2417.464	76.85	32.33	109.19	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2417Mhz	Test Voltage	110V/60Hz

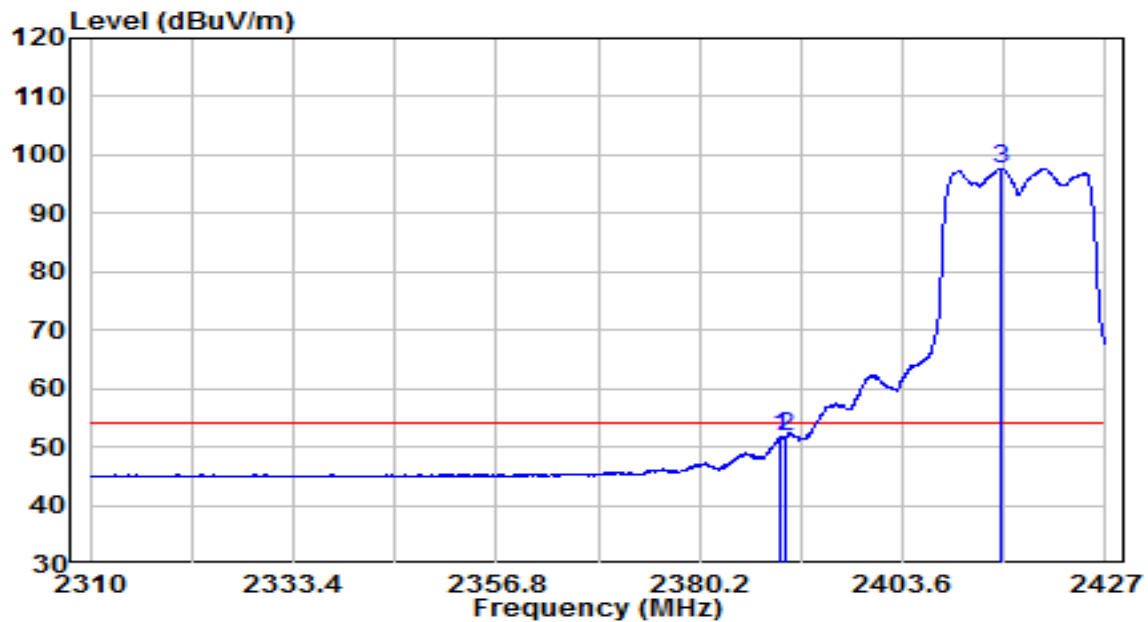


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	35.54	32.22	67.76	-6.24	74.00	Peak
2	2390.086	35.85	32.22	68.07	-5.93	74.00	Peak
3	* 2419.512	73.51	32.34	105.85	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2417Mhz	Test Voltage	110V/60Hz

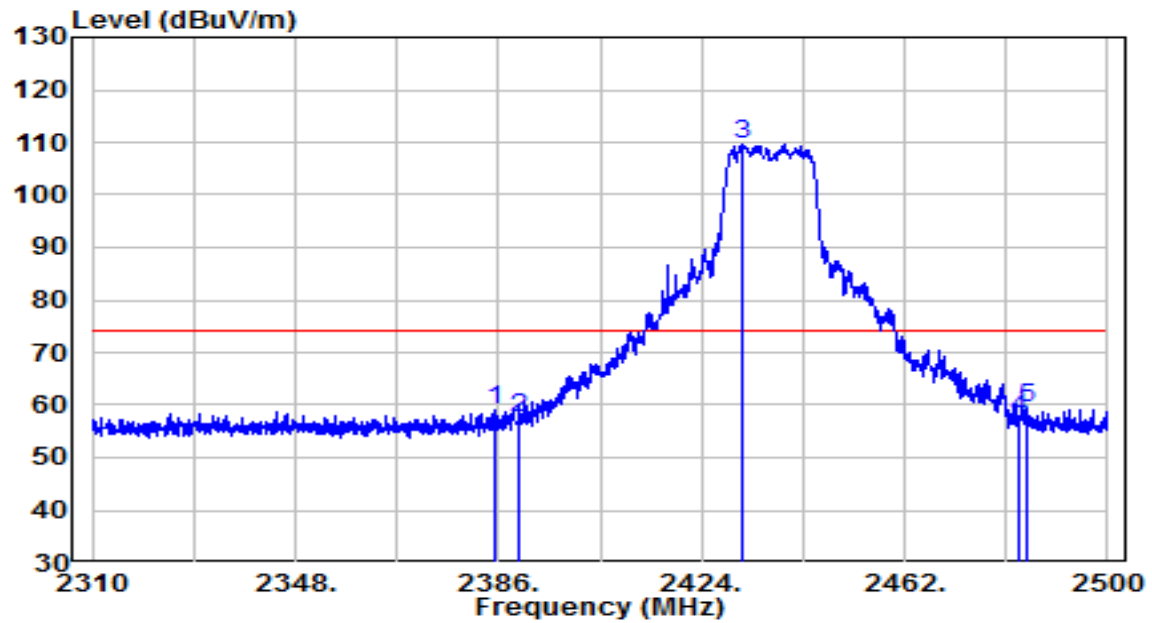


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.560	19.56	32.22	51.78	-2.22	54.00	Average
2	2390.000	19.48	32.22	51.70	-2.30	54.00	Average
3	* 2414.890	65.39	32.32	97.71	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	110V/60Hz

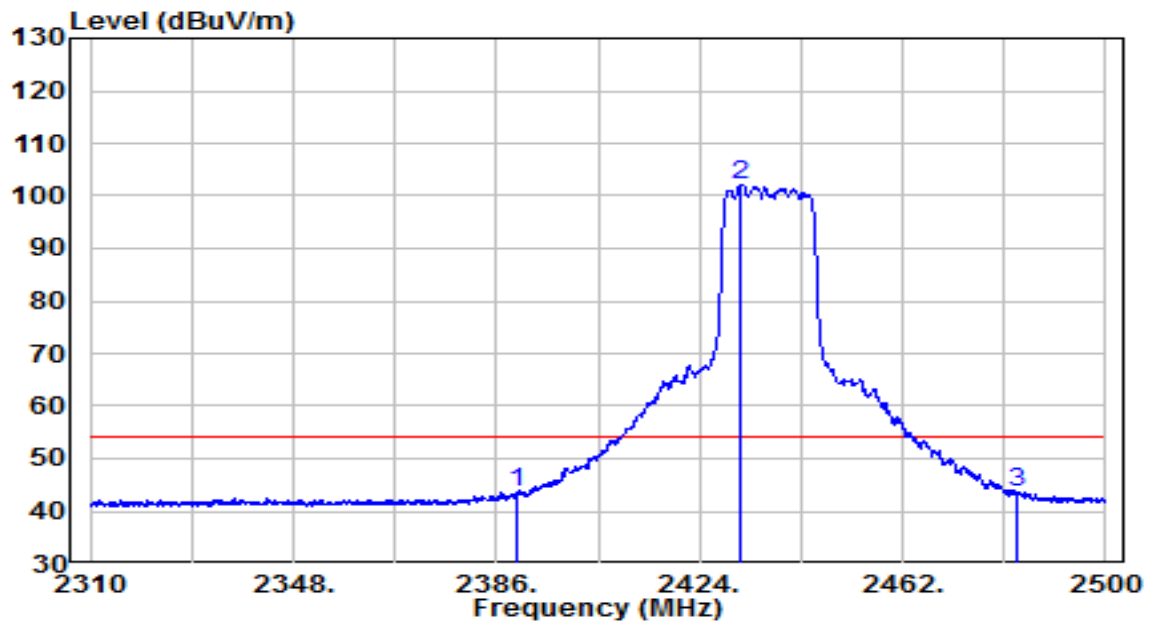


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	2385.240	26.72	32.20	58.92	-15.08	74.00	Peak
2	2390.000	25.28	32.22	57.50	-16.50	74.00	Peak
3	* 2431.410	77.15	32.39	109.54	N/A	N/A	Peak
4	2483.500	24.98	32.61	57.59	-16.41	74.00	Peak
5	2484.990	26.98	32.62	59.60	-14.40	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	110V/60Hz

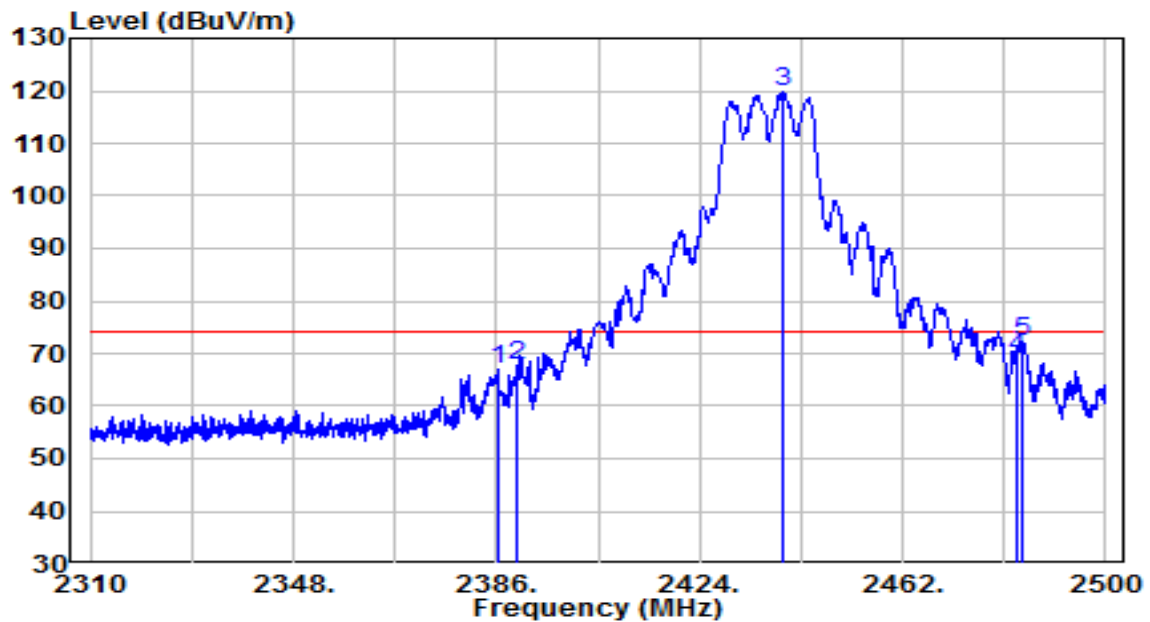


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	11.30	32.22	43.52	-10.48	54.00	Average
2	* 2431.505	69.78	32.39	102.17	N/A	N/A	Average
3	2483.500	10.89	32.61	43.50	-10.50	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	110V/60Hz

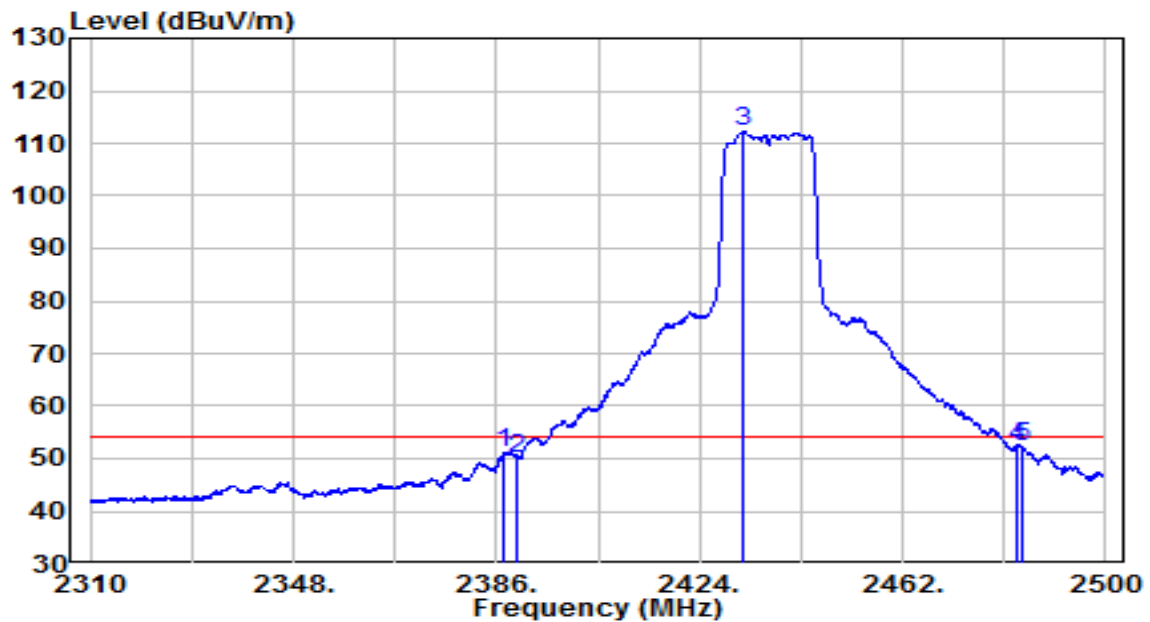


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2386.190	34.62	32.20	66.82	-7.18	74.00	Peak
2	2390.000	35.38	32.22	67.60	-6.40	74.00	Peak
3	* 2439.675	87.49	32.43	119.92	N/A	N/A	Peak
4	2483.500	36.56	32.61	69.17	-4.83	74.00	Peak
5	2484.420	39.49	32.61	72.10	-1.90	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	110V/60Hz

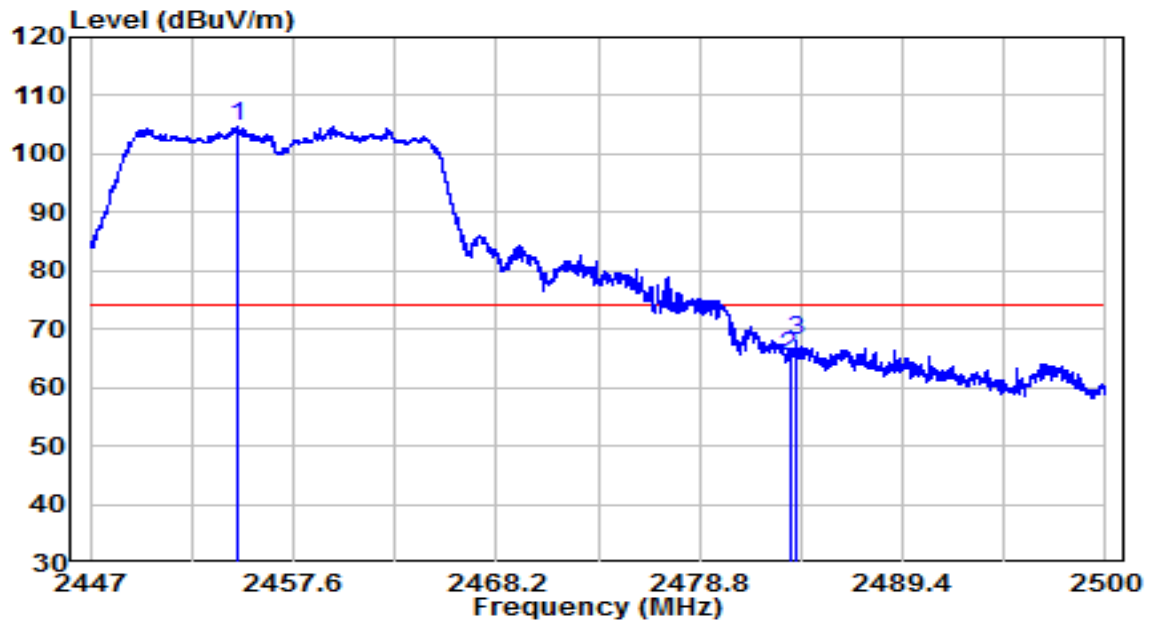


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2387.330	19.07	32.21	51.28	-2.72	54.00	Average
2	2390.000	17.89	32.22	50.11	-3.89	54.00	Average
3	* 2432.170	79.84	32.40	112.23	N/A	N/A	Average
4	2483.500	19.83	32.61	52.44	-1.56	54.00	Average
5	2484.515	19.82	32.61	52.44	-1.56	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2457MHz	Test Voltage	110V/60Hz

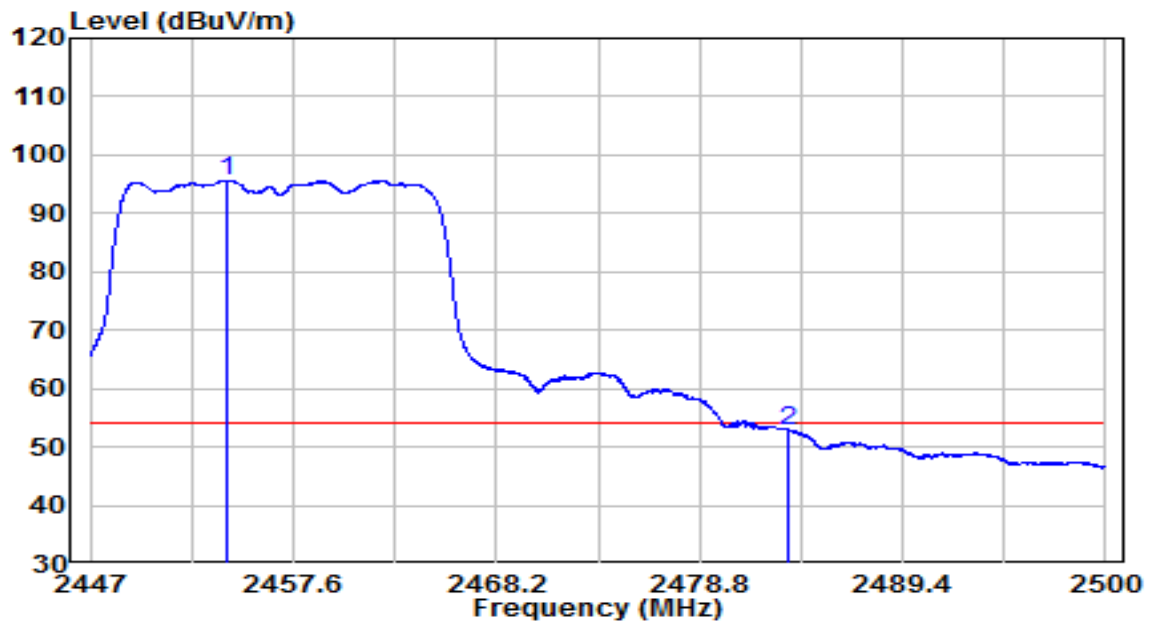


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB/m)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	* 2454.658	72.19	32.49	105.68	N/A	N/A	Peak
2	2483.500	32.61	32.61	65.23	-8.77	74.00	Peak
3	2483.862	35.31	32.61	67.92	-6.08	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2457MHz	Test Voltage	110V/60Hz

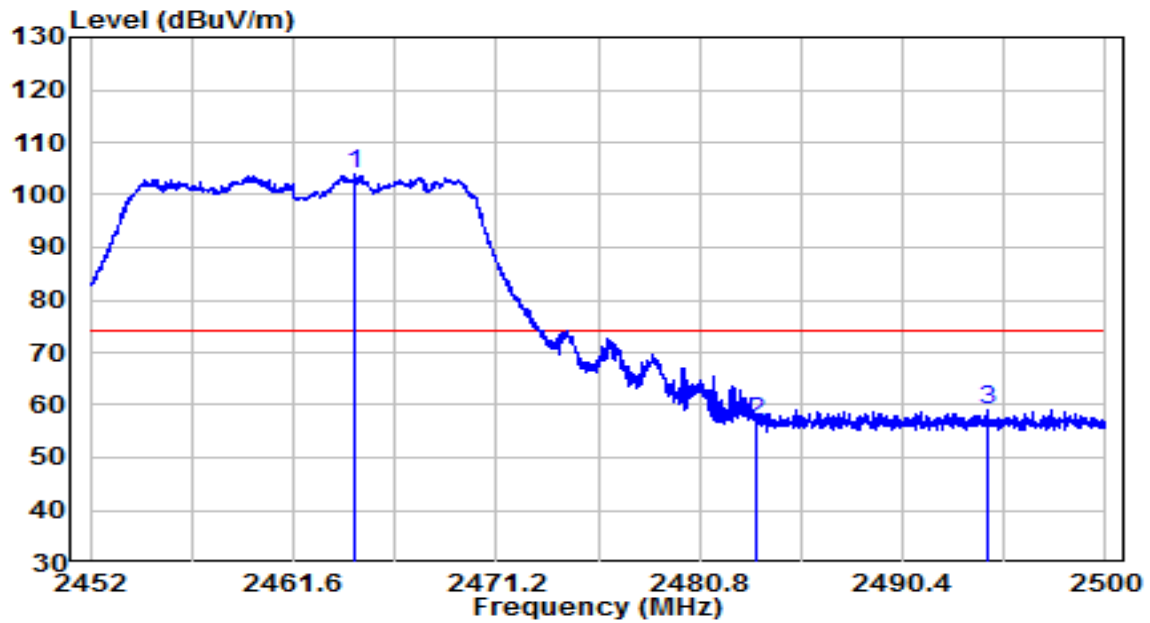


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2454.181	63.15	32.49	95.64	N/A	N/A	Average
2		2483.490	20.20	32.61	52.81	-1.19	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	110V/60Hz

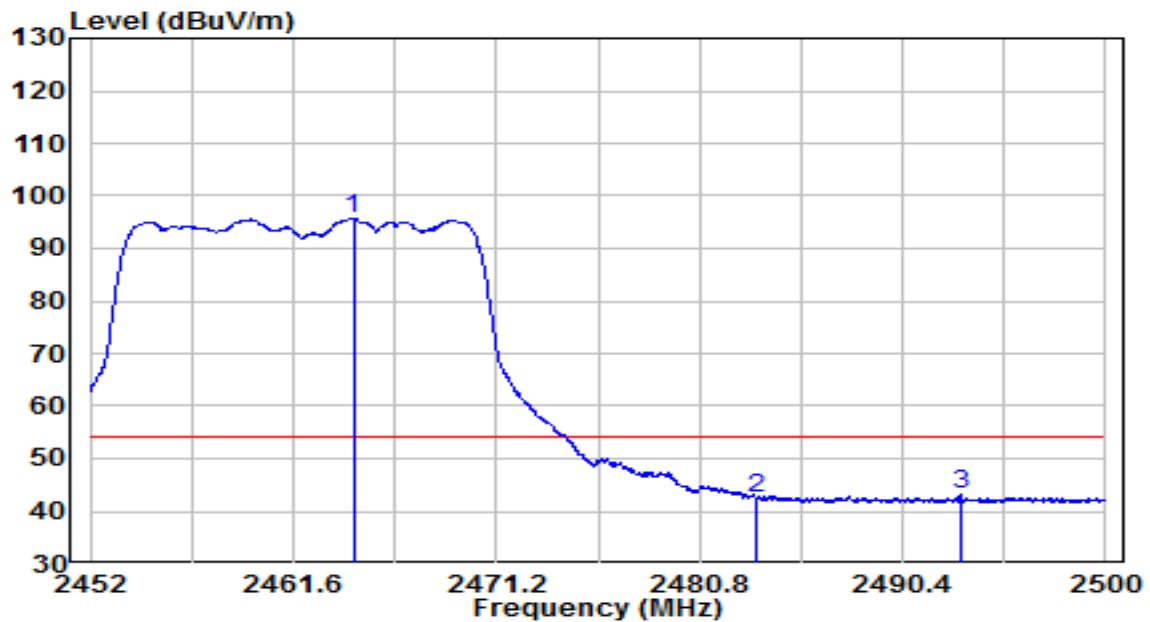


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2464.552	71.51	32.53	104.04	N/A	N/A	Peak
2	2483.488	24.15	32.61	56.76	-17.24	74.00	Peak
3	2494.432	26.37	32.66	59.03	-14.97	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	110V/60Hz

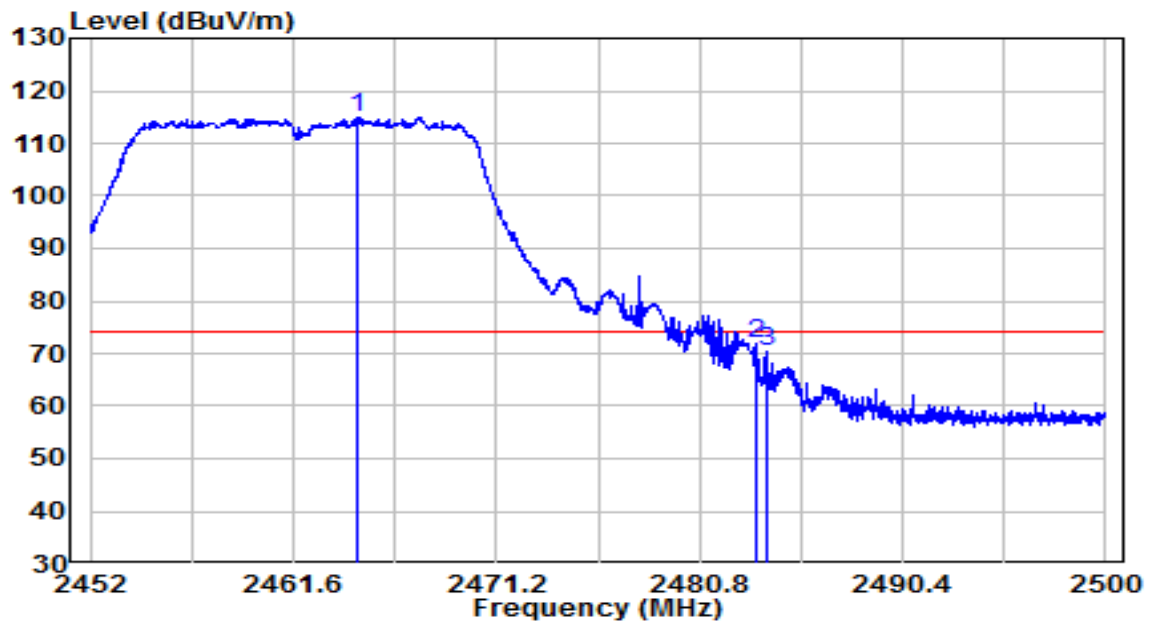


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2464.432	63.08	32.53	95.61	N/A	N/A	Average
2		2483.500	9.90	32.61	42.51	-11.49	54.00	Average
3		2493.112	10.49	32.65	43.14	-10.86	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	110V/60Hz

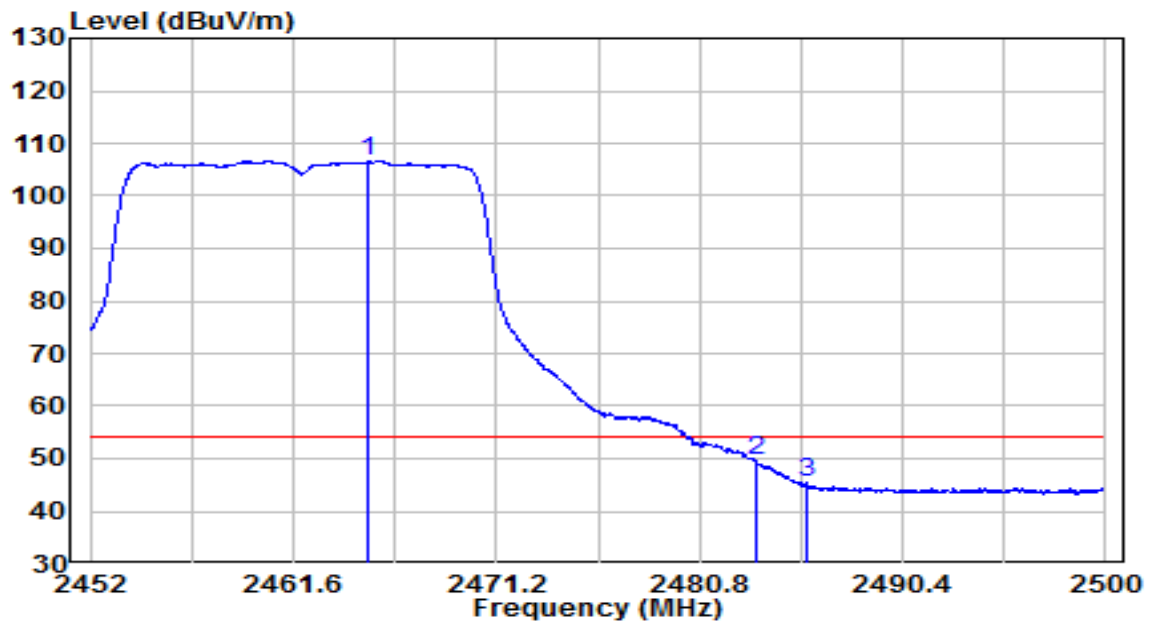


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2464.624	82.51	32.53	115.04	N/A	N/A	Peak
2		2483.500	39.12	32.61	71.73	-2.27	74.00	Peak
3		2484.016	37.78	32.61	70.39	-3.61	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	110V/60Hz

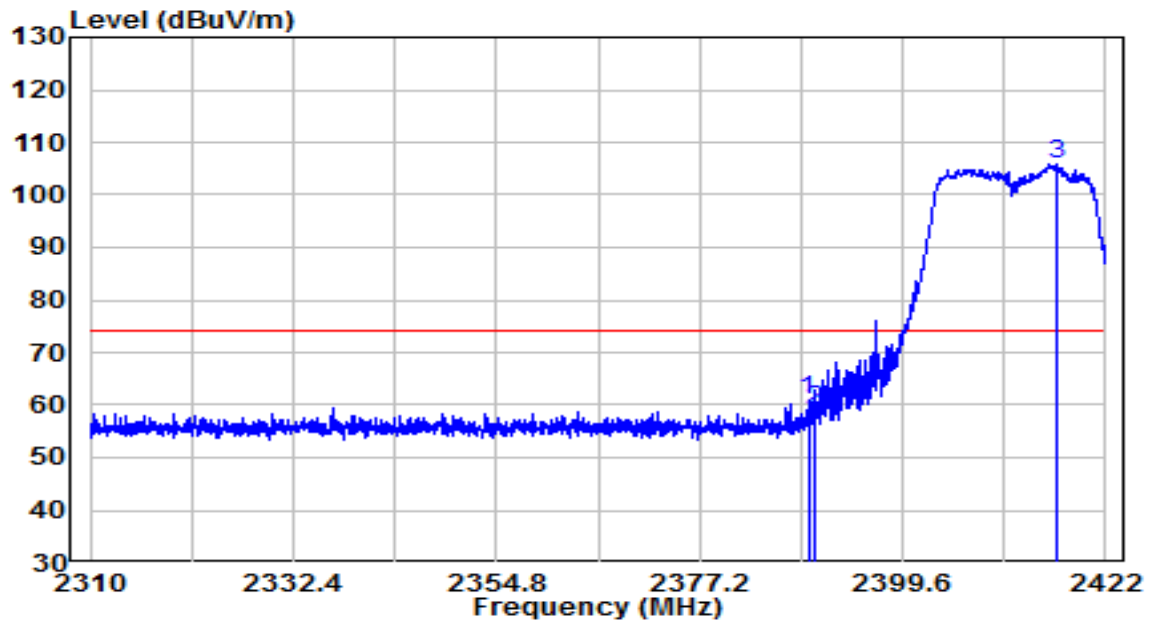


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2465.176	74.01	32.53	106.54	N/A	N/A	Average
2		2483.500	16.93	32.61	49.54	-4.46	54.00	Average
3		2485.840	12.80	32.62	45.42	-8.58	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

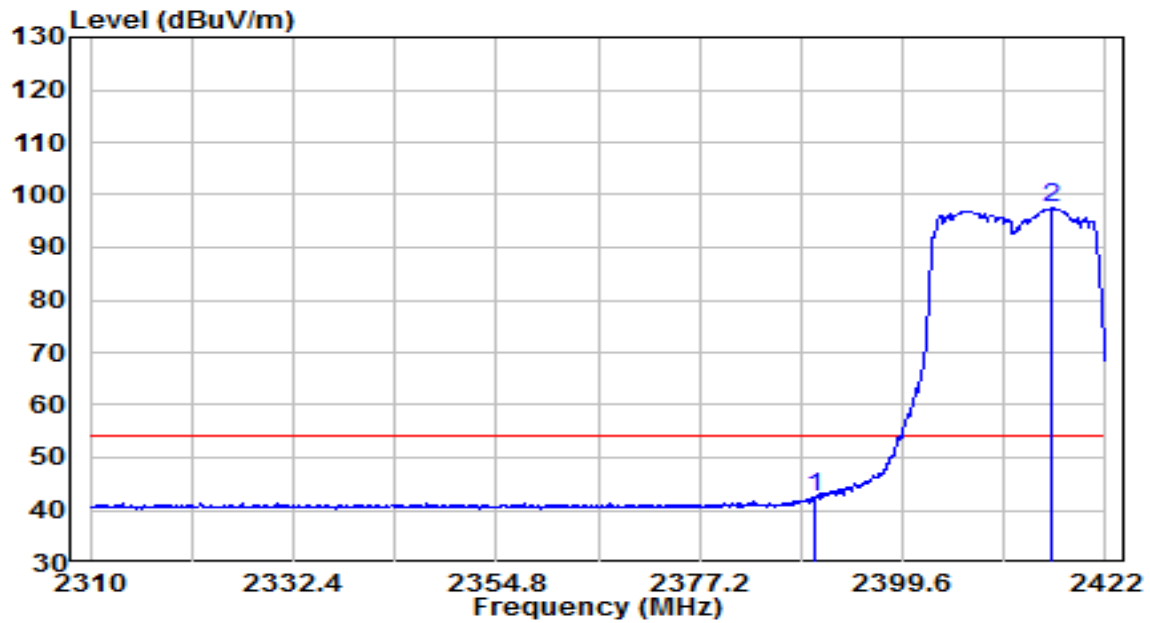


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.184	28.80	32.21	61.02	-12.98	74.00	Peak
2	2390.000	26.99	32.22	59.21	-14.79	74.00	Peak
3	* 2416.512	73.68	32.33	106.01	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

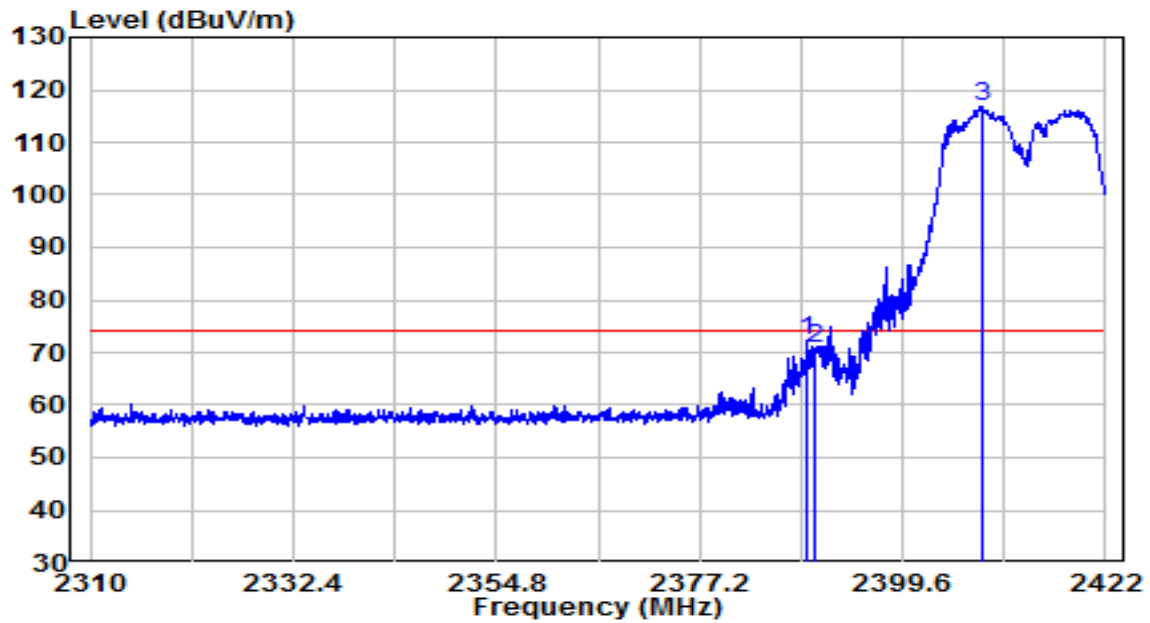


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	10.30	32.22	42.51	-11.49	54.00	Average
2	* 2416.064	65.14	32.33	97.47	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

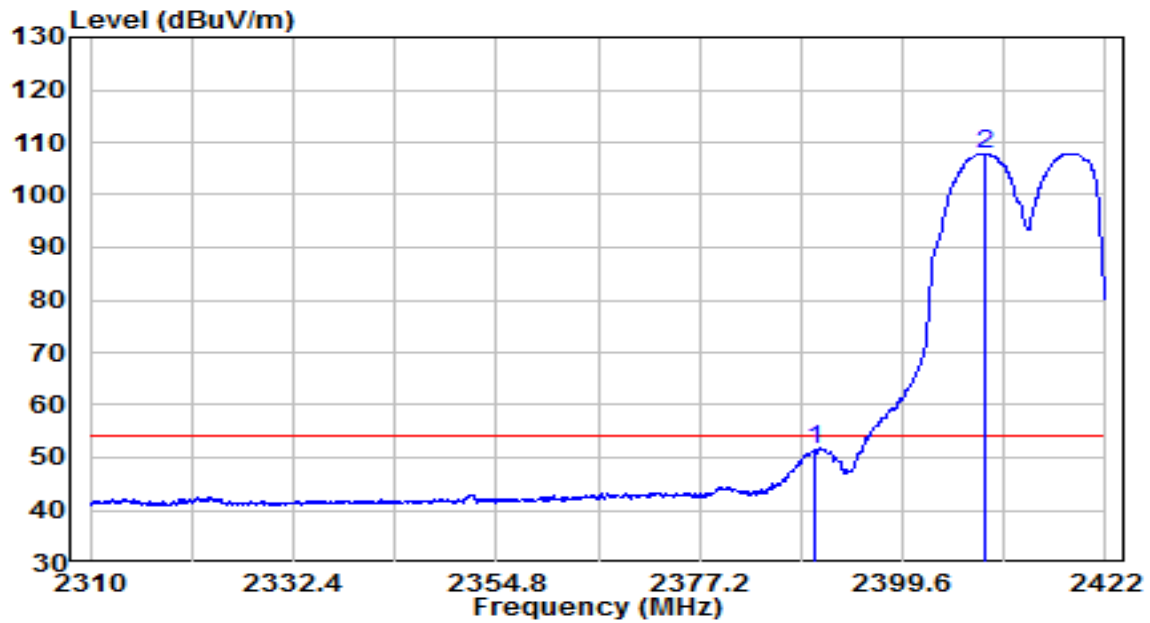


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.960	40.07	32.21	72.29	-1.71	74.00	Peak
2	2390.000	38.57	32.22	70.79	-3.21	74.00	Peak
3	* 2408.392	84.58	32.30	116.88	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	110V/60Hz

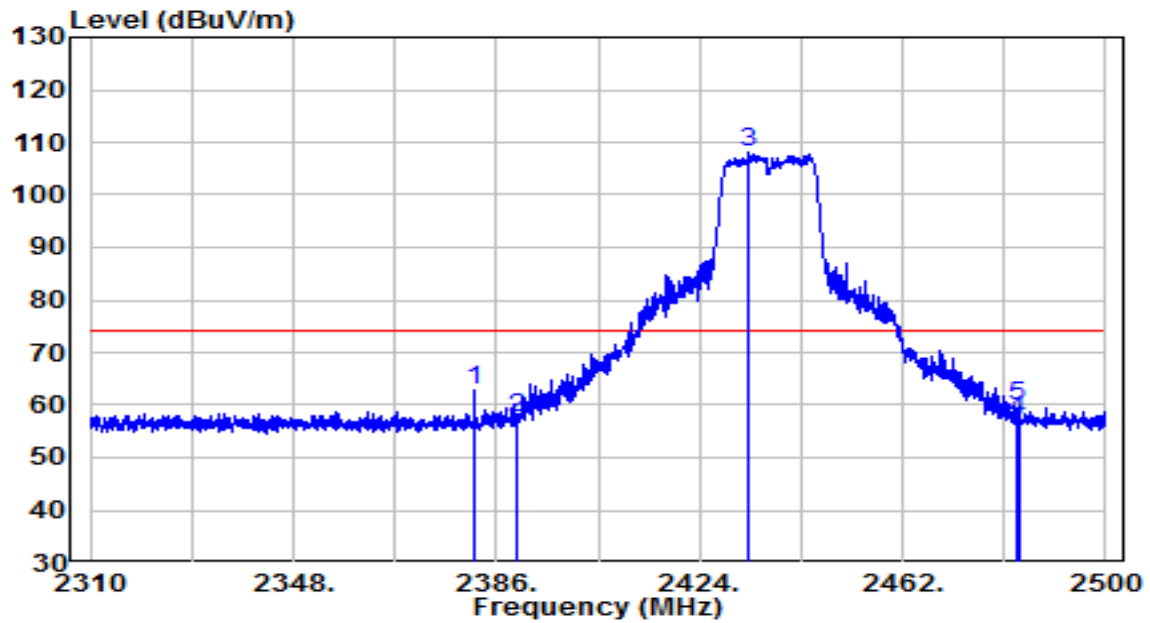


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	19.36	32.22	51.58	-2.42	54.00	Average
2	* 2408.672	75.59	32.30	107.89	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

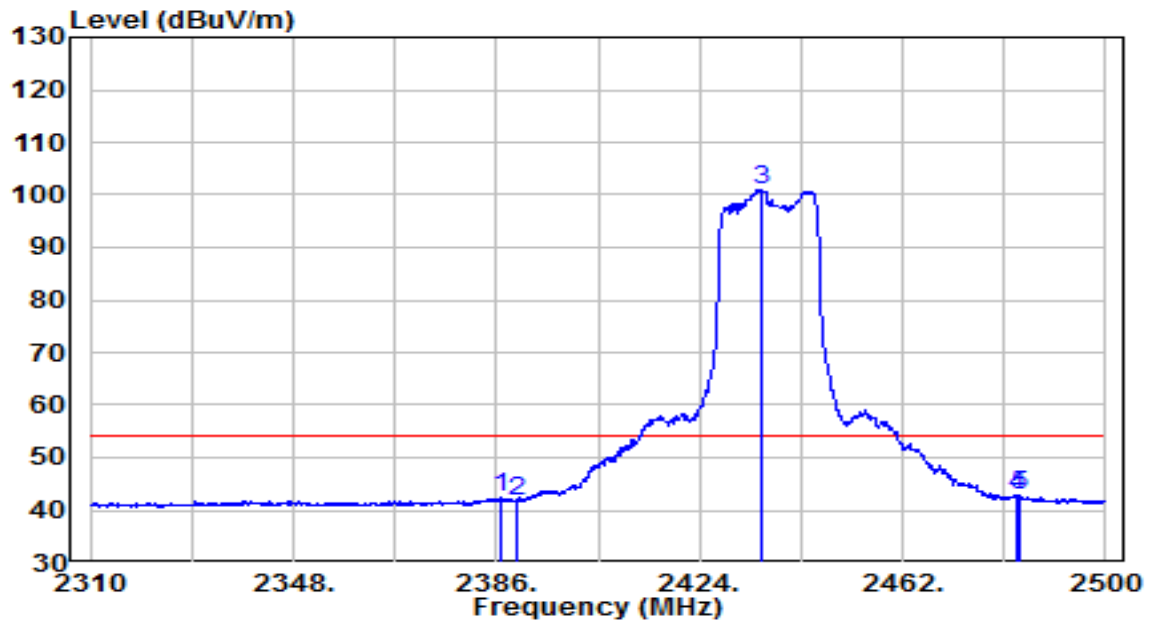


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2381.820	30.71	32.18	62.89	-11.11	74.00	Peak
2	2390.000	25.18	32.22	57.40	-16.60	74.00	Peak
3	* 2433.310	75.54	32.40	107.94	N/A	N/A	Peak
4	2483.500	24.65	32.61	57.26	-16.74	74.00	Peak
5	2483.660	27.11	32.61	59.72	-14.28	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

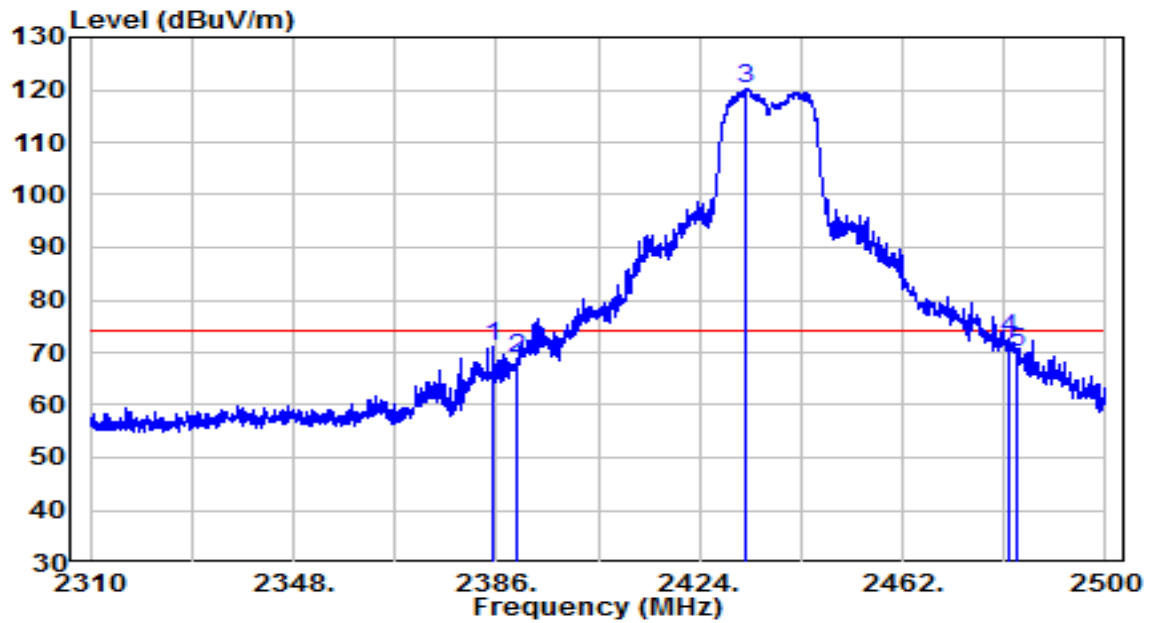


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2387.045	10.18	32.21	42.39	-11.61	54.00	Average
2	2390.000	9.65	32.22	41.87	-12.13	54.00	Average
3	* 2435.590	68.62	32.41	101.03	N/A	N/A	Average
4	2483.500	10.05	32.61	42.66	-11.34	54.00	Average
5	2484.040	10.18	32.61	42.79	-11.21	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

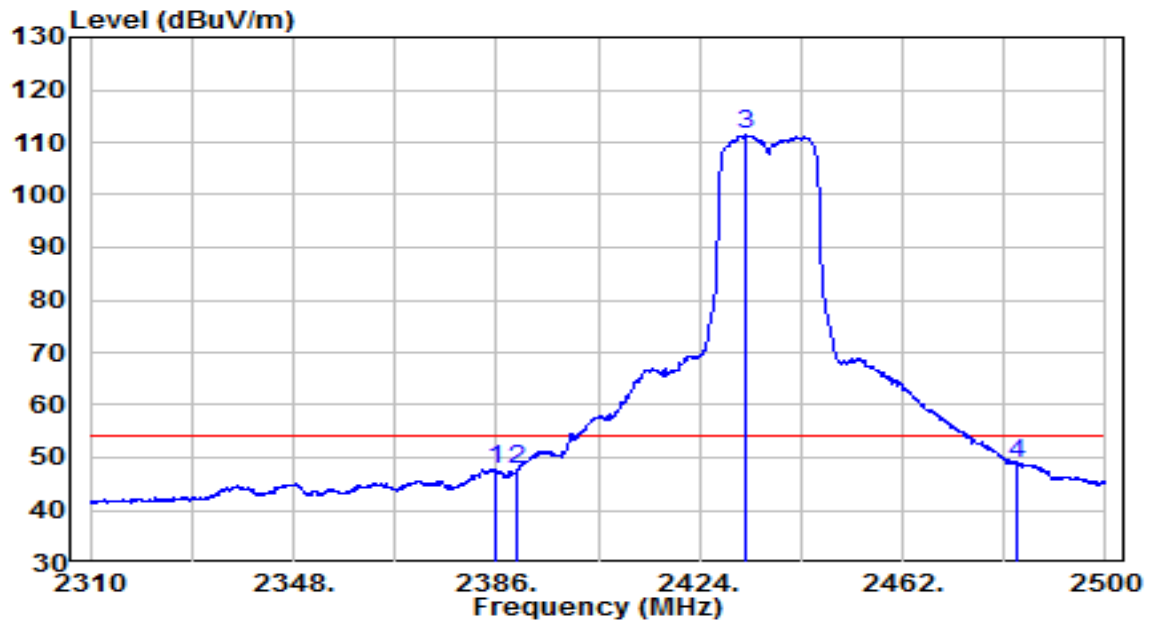


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.525	39.10	32.20	71.30	-2.70	74.00	Peak
2	2390.000	36.67	32.22	68.89	-5.11	74.00	Peak
3	* 2432.645	87.96	32.40	120.35	N/A	N/A	Peak
4	2482.045	39.93	32.60	72.53	-1.47	74.00	Peak
5	2483.500	37.21	32.61	69.82	-4.18	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	110V/60Hz

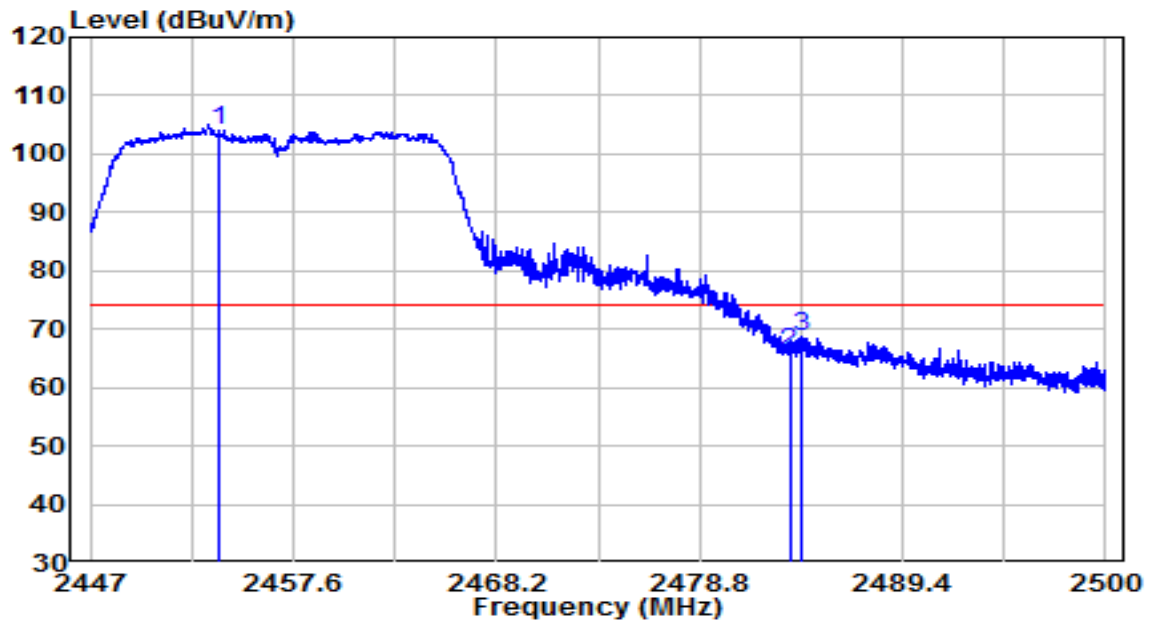


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.810	15.50	32.20	47.70	-6.30	54.00	Average
2	2390.000	15.44	32.22	47.66	-6.34	54.00	Average
3	* 2432.740	78.93	32.40	111.33	N/A	N/A	Average
4	2483.500	16.29	32.61	48.90	-5.10	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at channel 2457MHz	Test Voltage	110V/60Hz

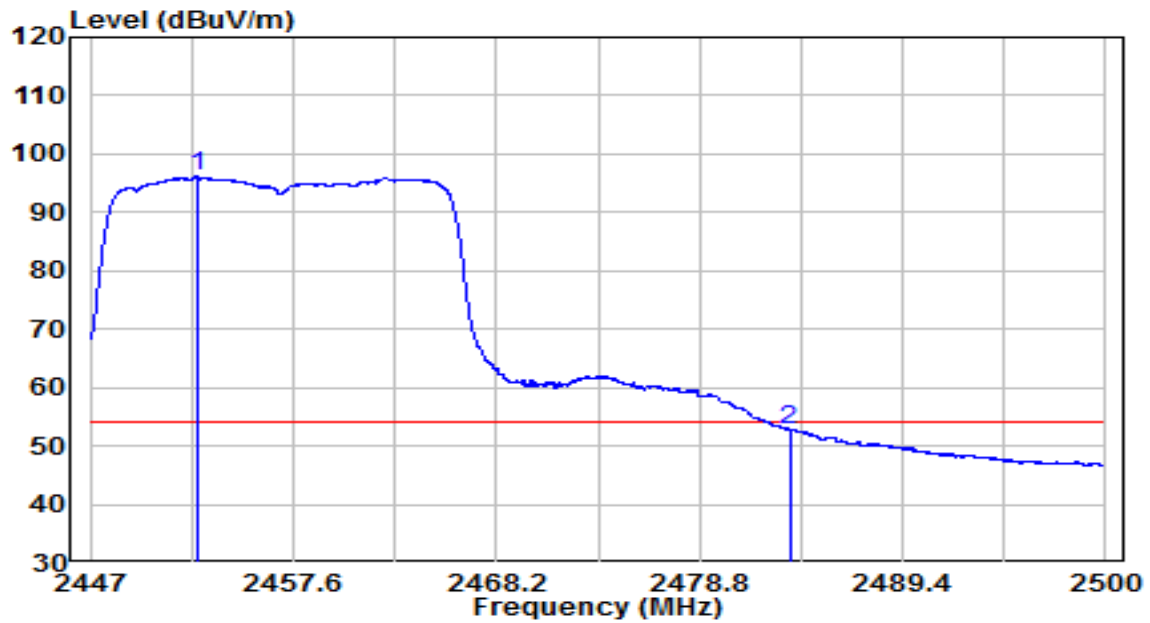


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2453.705	71.51	32.49	104.00	N/A	N/A	Peak
2	2483.500	33.51	32.61	66.12	-7.88	74.00	Peak
3	2484.179	36.17	32.61	68.78	-5.22	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at channel 2457MHz	Test Voltage	110V/60Hz

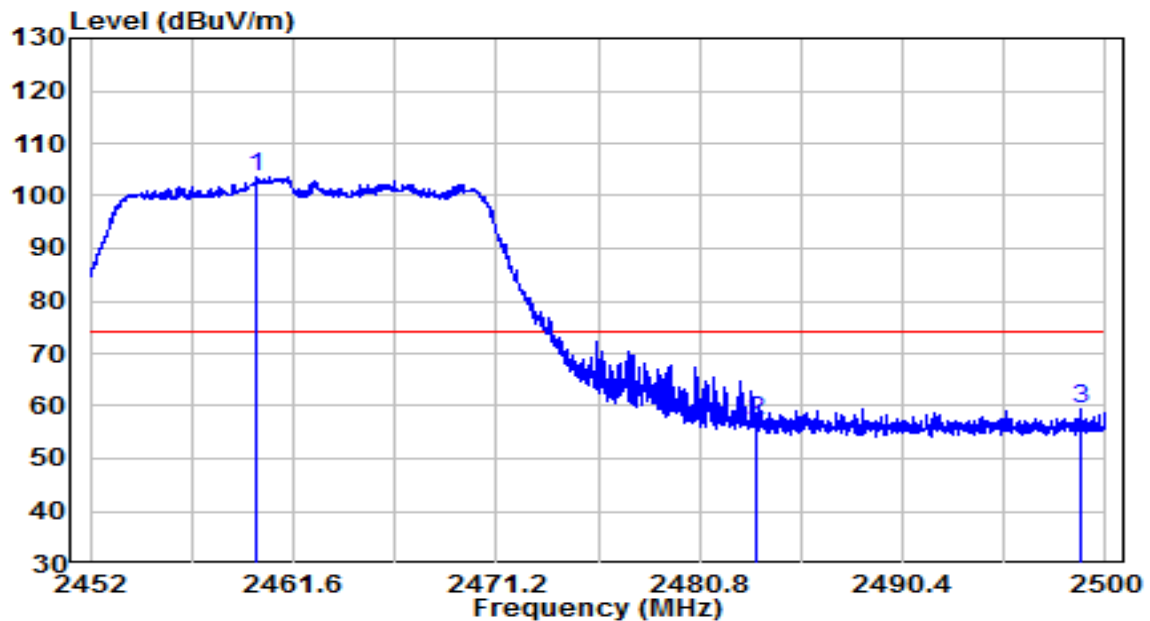


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2452.645	63.69	32.48	96.17	N/A	54.00	Average
2	2483.500	20.26	32.61	52.87	-1.13	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

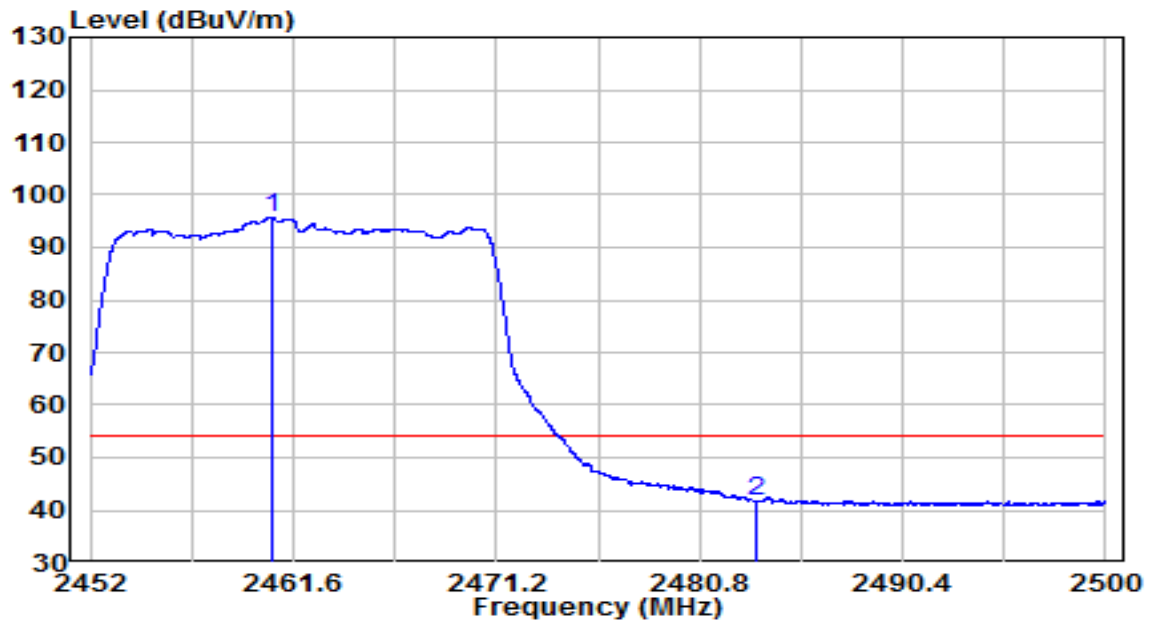


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.872	71.05	32.51	103.56	N/A	N/A	Peak
2		2483.500	24.51	32.61	57.12	-16.88	74.00	Peak
3		2498.776	26.70	32.67	59.37	-14.63	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

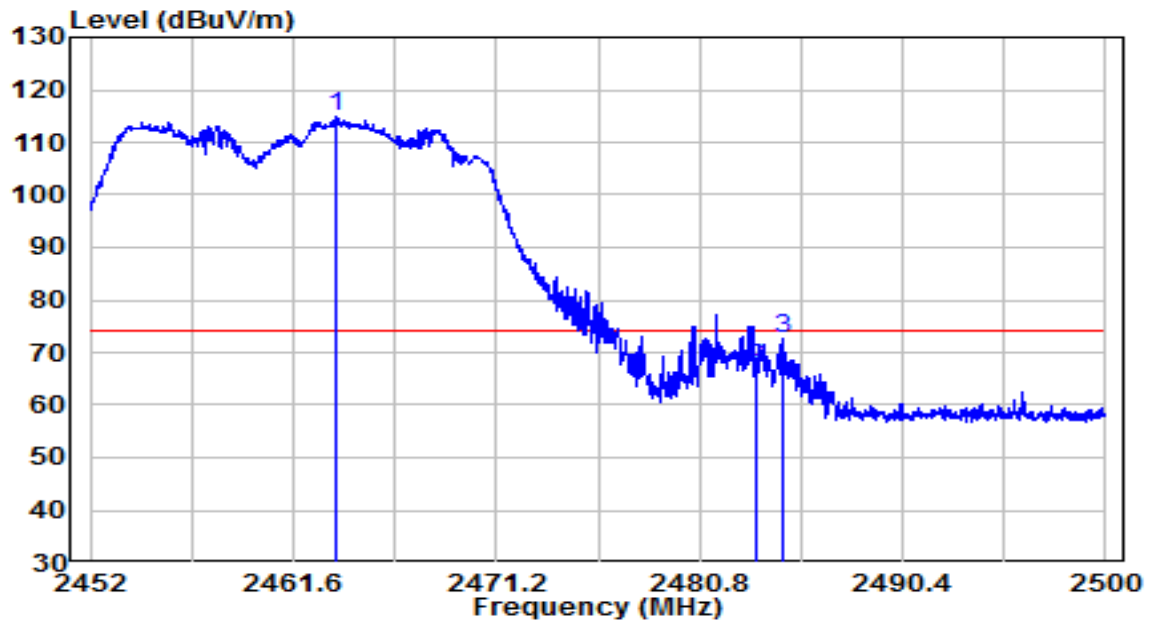


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2460.640	63.24	32.51	95.75	N/A	N/A	Average
2	2483.500	9.14	32.61	41.76	-12.24	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

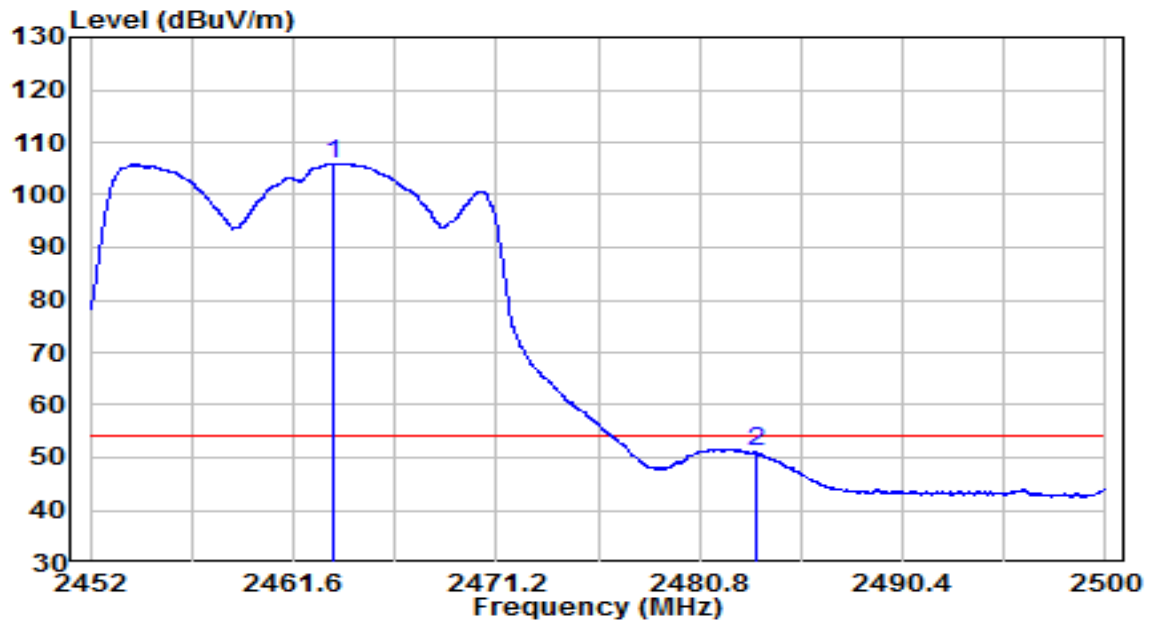


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2463.664	82.24	32.53	114.77	N/A	N/A	Peak
2	2483.488	34.54	32.61	67.15	-6.85	74.00	Peak
3	2484.784	39.87	32.62	72.49	-1.51	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	110V/60Hz

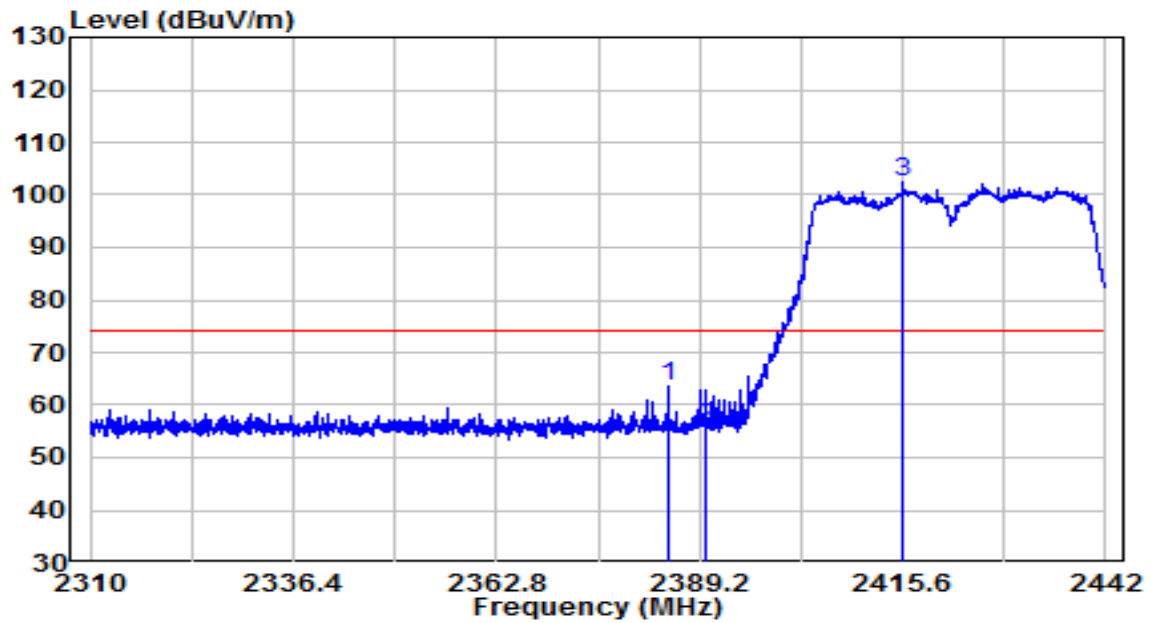


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2463.496	73.45	32.53	105.98	N/A	N/A	Average
2	2483.500	18.41	32.61	51.02	-2.98	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

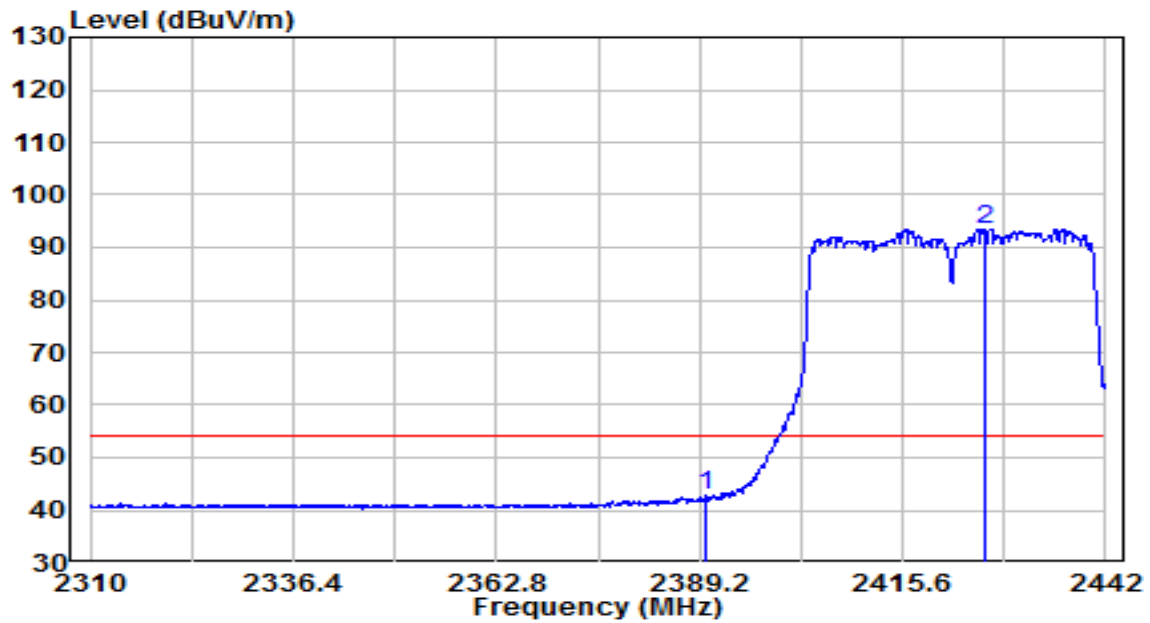


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.240	31.37	32.20	63.57	-10.43	74.00	Peak
2	2390.000	23.47	32.22	55.69	-18.31	74.00	Peak
3	* 2415.732	70.19	32.33	102.51	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

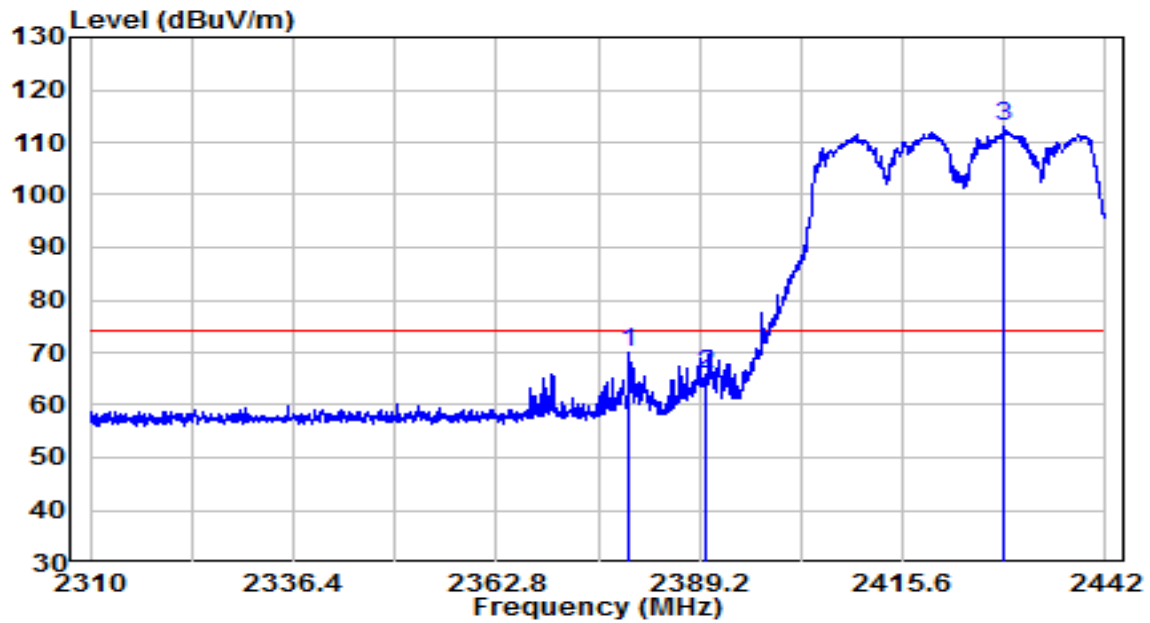


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	10.66	32.22	42.87	-11.13	54.00	Average
2	* 2426.424	61.16	32.37	93.53	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

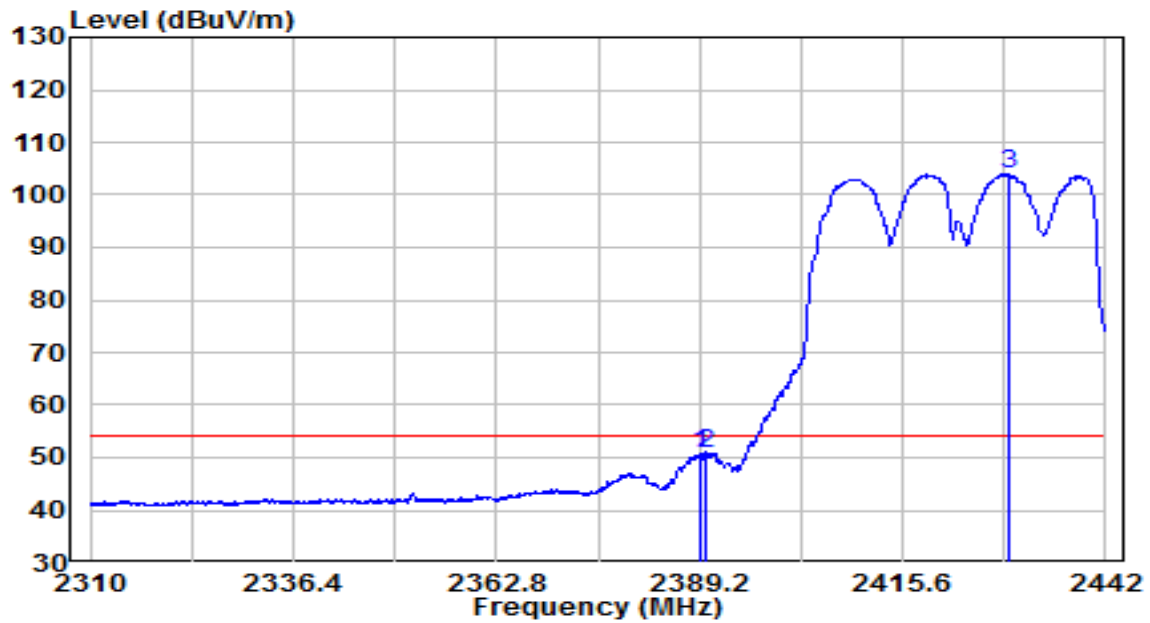


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2380.026	37.66	32.18	69.83	-4.17	74.00	Peak
2	2390.000	33.50	32.22	65.72	-8.28	74.00	Peak
3	* 2428.668	80.78	32.38	113.16	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	110V/60Hz

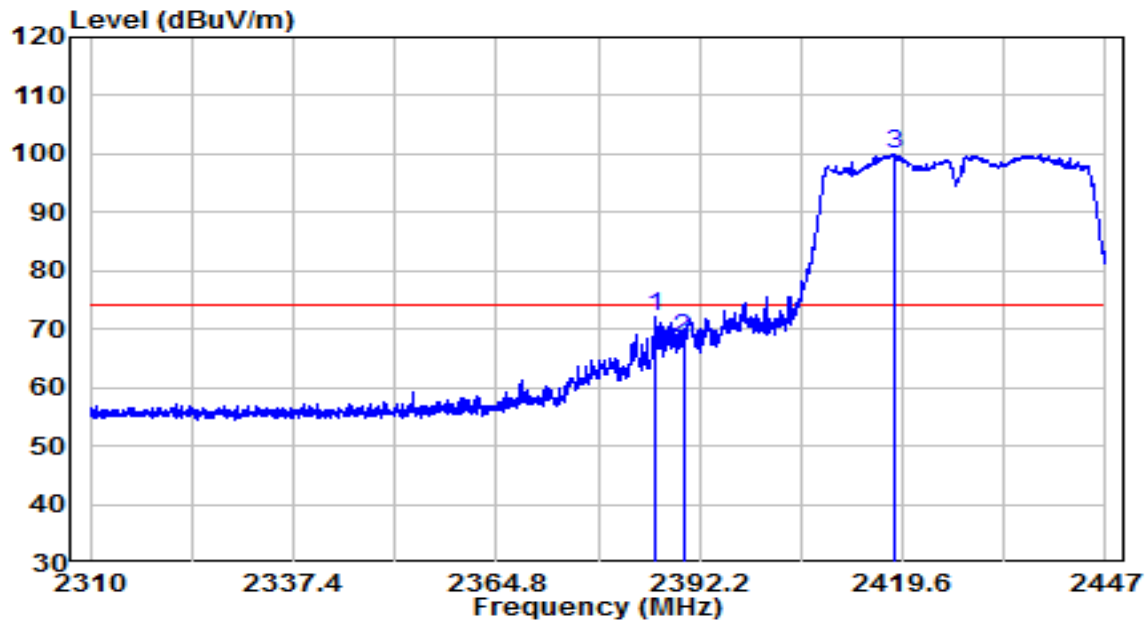


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.398	18.64	32.22	50.86	-3.14	54.00	Average
2	2390.000	18.52	32.22	50.74	-3.26	54.00	Average
3	* 2429.526	71.61	32.38	103.99	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at channel 2427MHz	Test Voltage	110V/60Hz

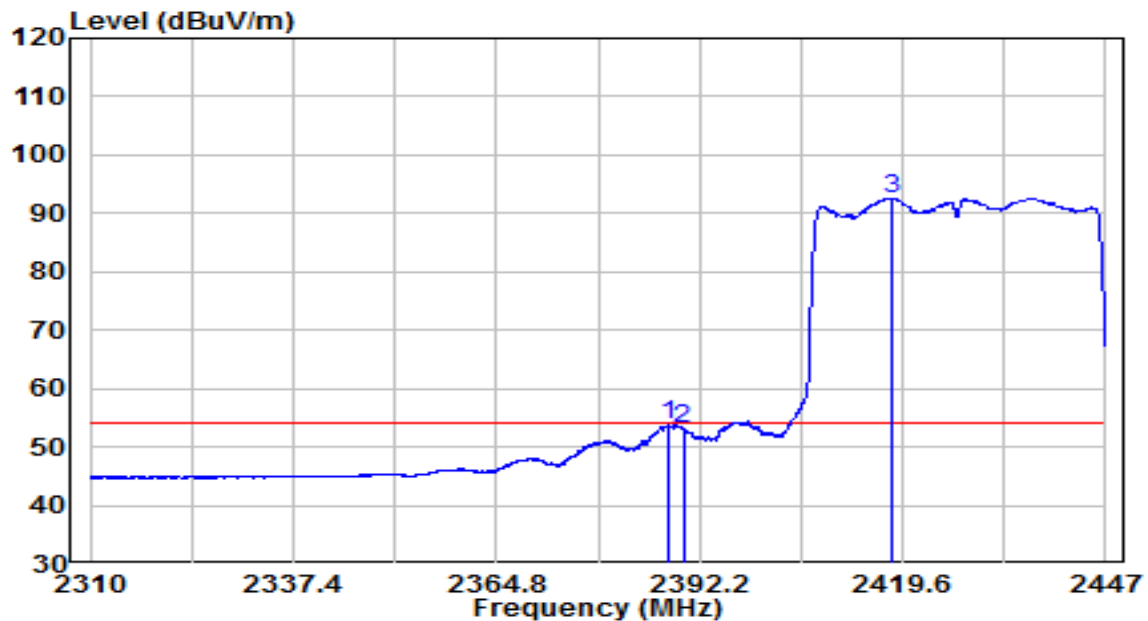


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2386.104	40.04	32.20	72.24	-1.76	74.00	Peak
2	2390.000	36.15	32.22	68.37	-5.63	74.00	Peak
3	* 2418.573	67.66	32.34	100.00	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at channel 2427MHz	Test Voltage	110V/60Hz

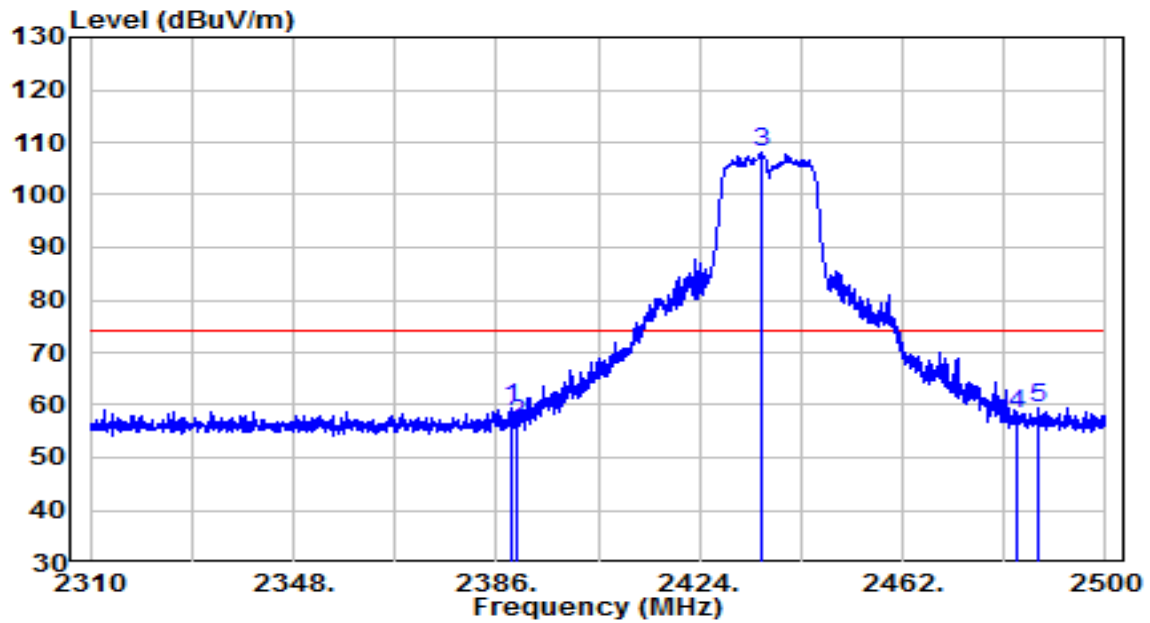


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.090	21.63	32.21	53.84	-0.16	54.00	Average
2	2390.000	21.05	32.22	53.26	-0.74	54.00	Average
3	* 2418.093	60.32	32.34	92.66	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

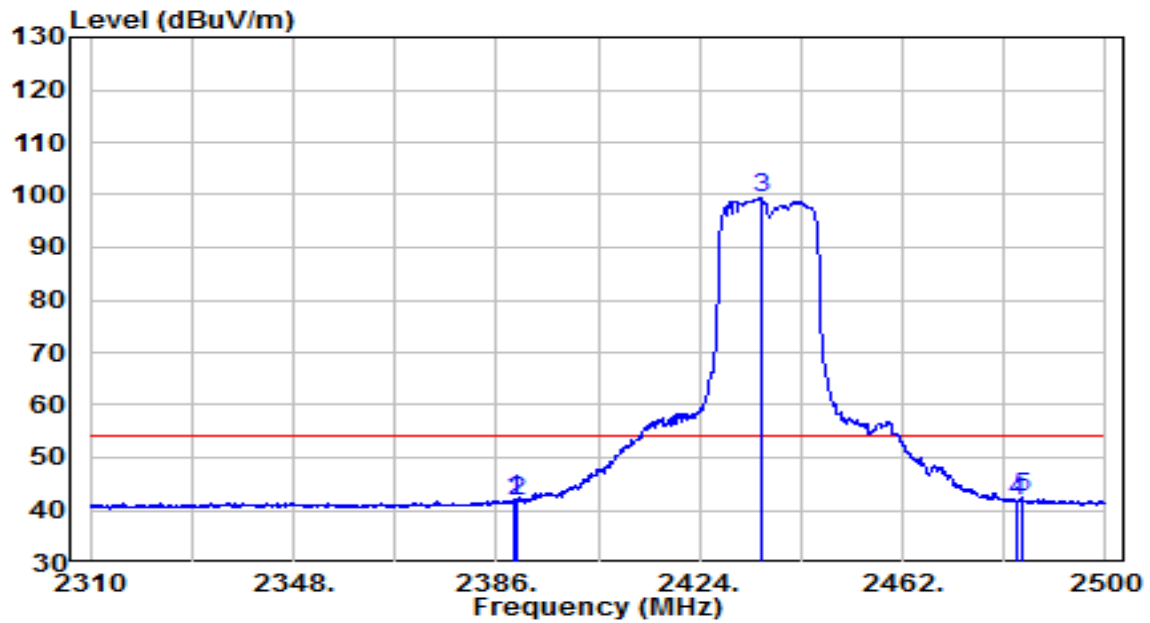


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.850	27.05	32.21	59.26	-14.74	74.00	Peak
2	2390.000	24.18	32.22	56.40	-17.60	74.00	Peak
3	* 2435.685	75.62	32.41	108.03	N/A	N/A	Peak
4	2483.500	25.53	32.61	58.14	-15.86	74.00	Peak
5	2487.365	26.83	32.63	59.46	-14.54	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

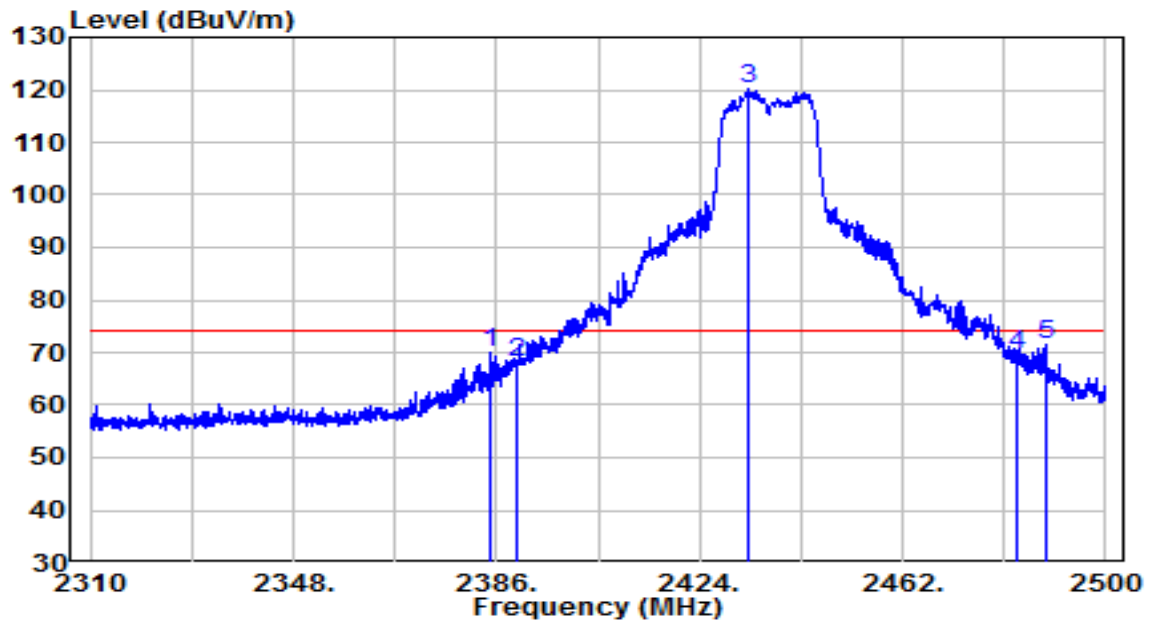


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.420	9.76	32.22	41.97	-12.03	54.00	Average
2	2390.000	9.53	32.22	41.74	-12.26	54.00	Average
3	* 2435.400	66.89	32.41	99.30	N/A	N/A	Average
4	2483.500	9.00	32.61	41.61	-12.39	54.00	Average
5	2484.515	9.67	32.61	42.28	-11.72	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

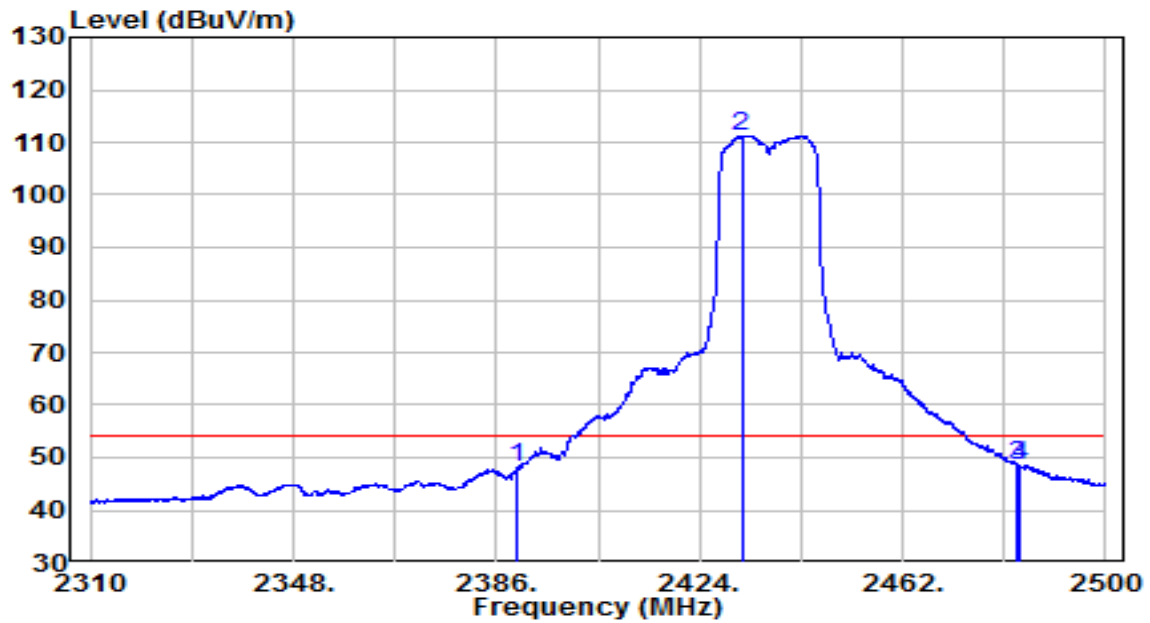


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2384.765	37.71	32.20	69.91	-4.09	74.00	Peak
2	2390.000	35.95	32.22	68.17	-5.83	74.00	Peak
3	* 2433.120	87.97	32.40	120.37	N/A	N/A	Peak
4	2483.500	36.83	32.61	69.44	-4.56	74.00	Peak
5	2488.695	39.00	32.63	71.63	-2.37	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	110V/60Hz

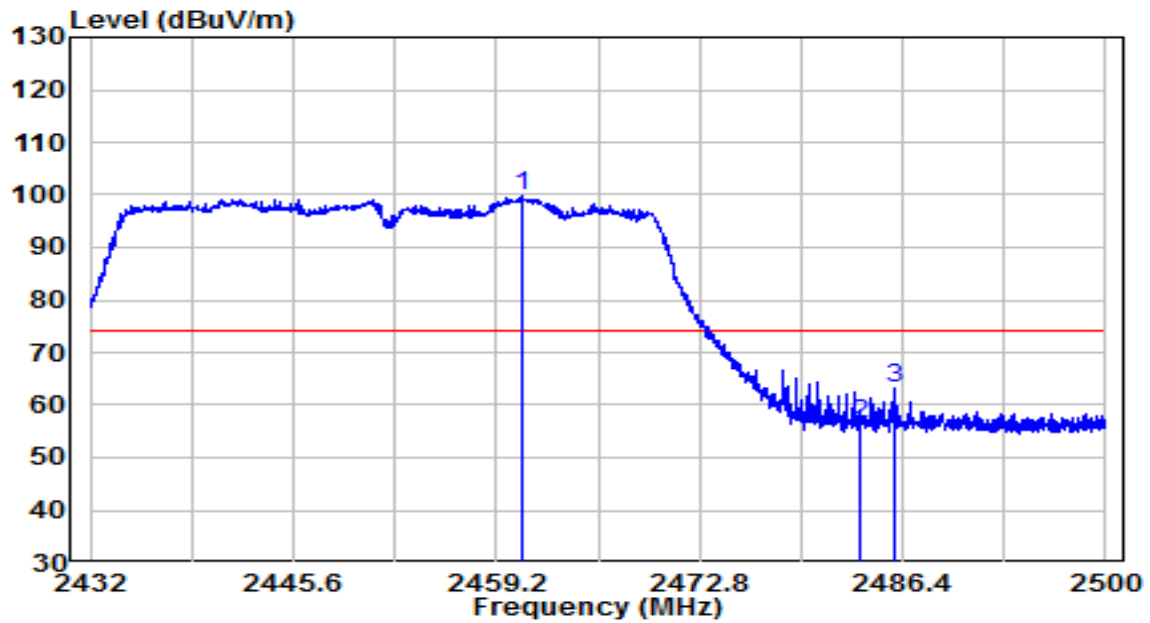


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	15.95	32.22	48.17	-5.83	54.00	Average
2	* 2431.885	78.92	32.39	111.31	N/A	N/A	Average
3	2483.500	15.96	32.61	48.57	-5.43	54.00	Average
4	2483.850	16.05	32.61	48.66	-5.34	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

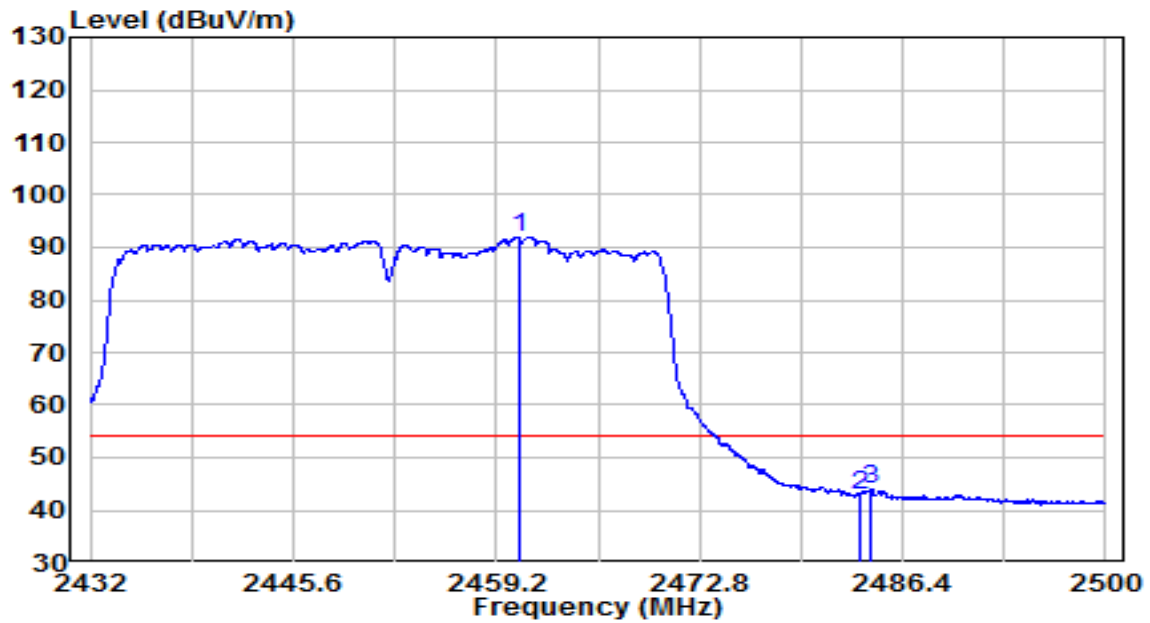


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2460.934	67.29	32.52	99.80	N/A	N/A	Peak
2	2483.500	23.91	32.61	56.52	-17.48	74.00	Peak
3	2485.924	30.60	32.62	63.22	-10.78	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

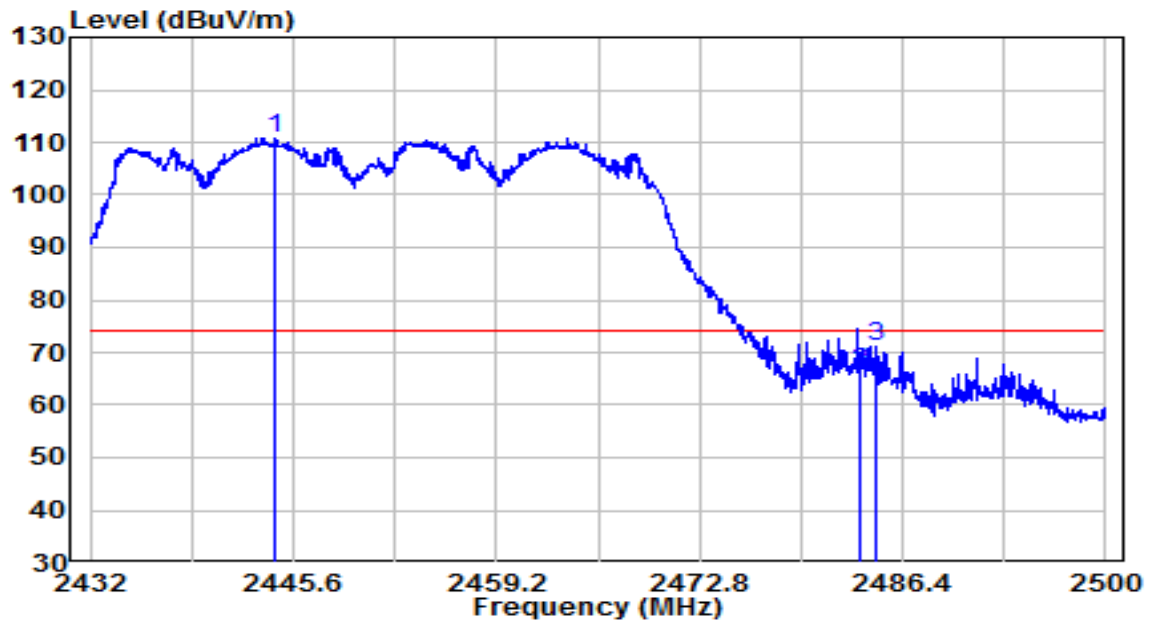


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2460.798	59.41	32.52	91.93	N/A	N/A	Average
2	2483.500	10.38	32.61	42.99	-11.01	54.00	Average
3	2484.326	11.23	32.61	43.84	-10.16	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

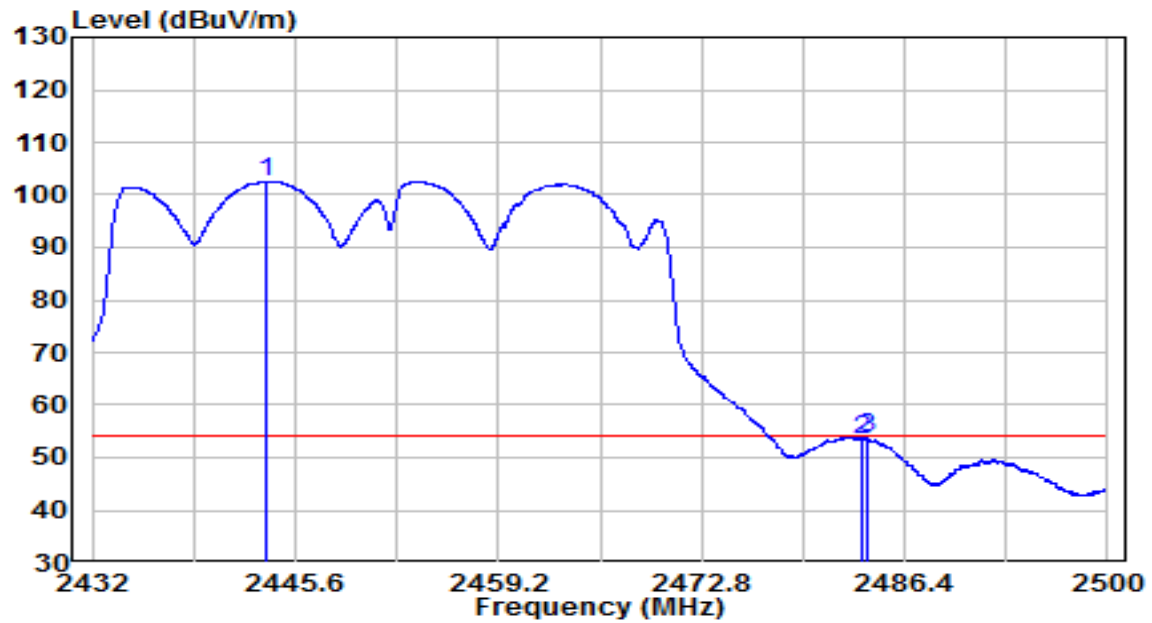


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2444.308	78.49	32.45	110.94	N/A	N/A	Peak
2	2483.500	33.67	32.61	66.29	-7.71	74.00	Peak
3	2484.598	38.60	32.62	71.22	-2.78	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	110V/60Hz

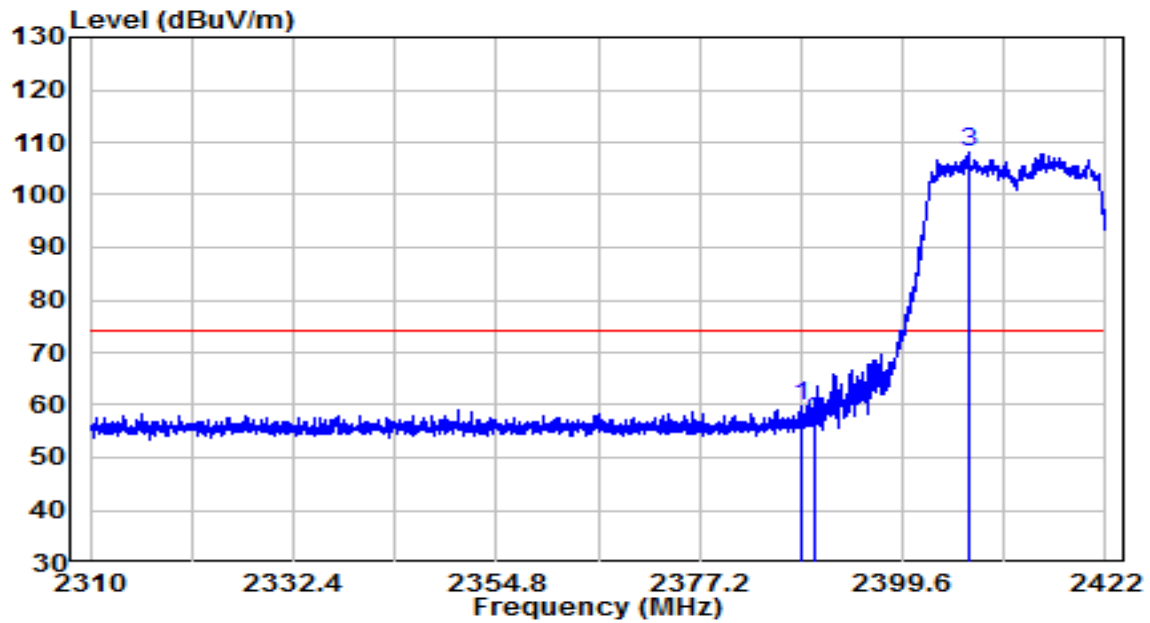


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2443.696	70.17	32.44	102.61	N/A	N/A	Average
2	2483.510	20.85	32.61	53.46	-0.54	54.00	Average
3	2483.884	21.20	32.61	53.82	-0.18	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

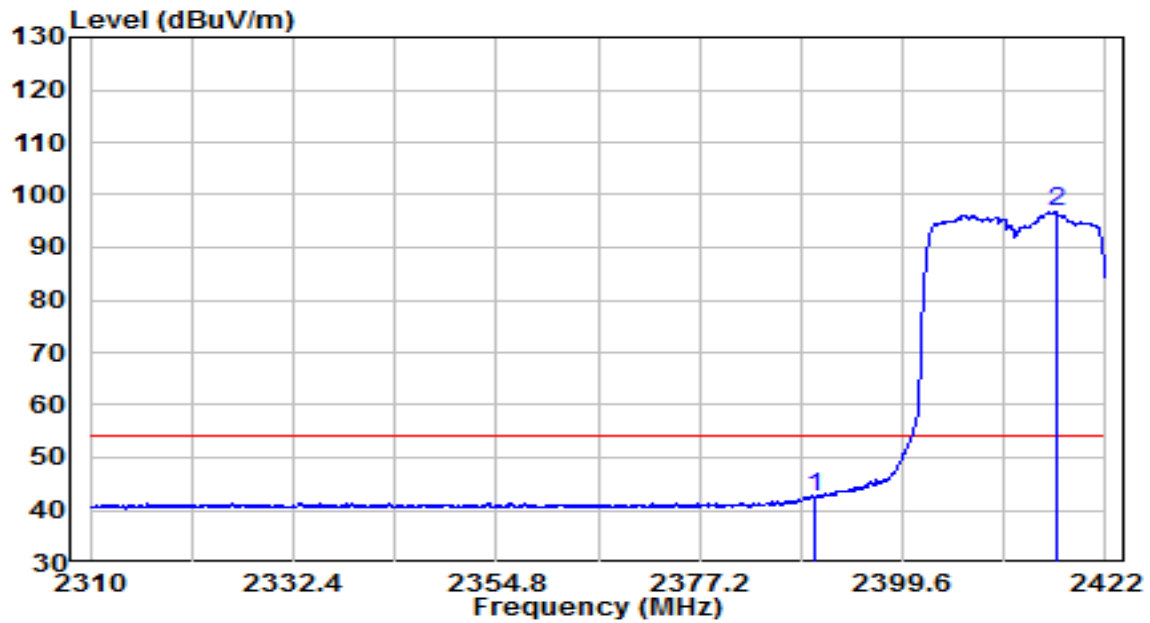


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.512	27.51	32.21	59.72	-14.28	74.00	Peak
2	2390.000	24.74	32.22	56.96	-17.04	74.00	Peak
3	* 2406.824	75.70	32.29	107.99	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

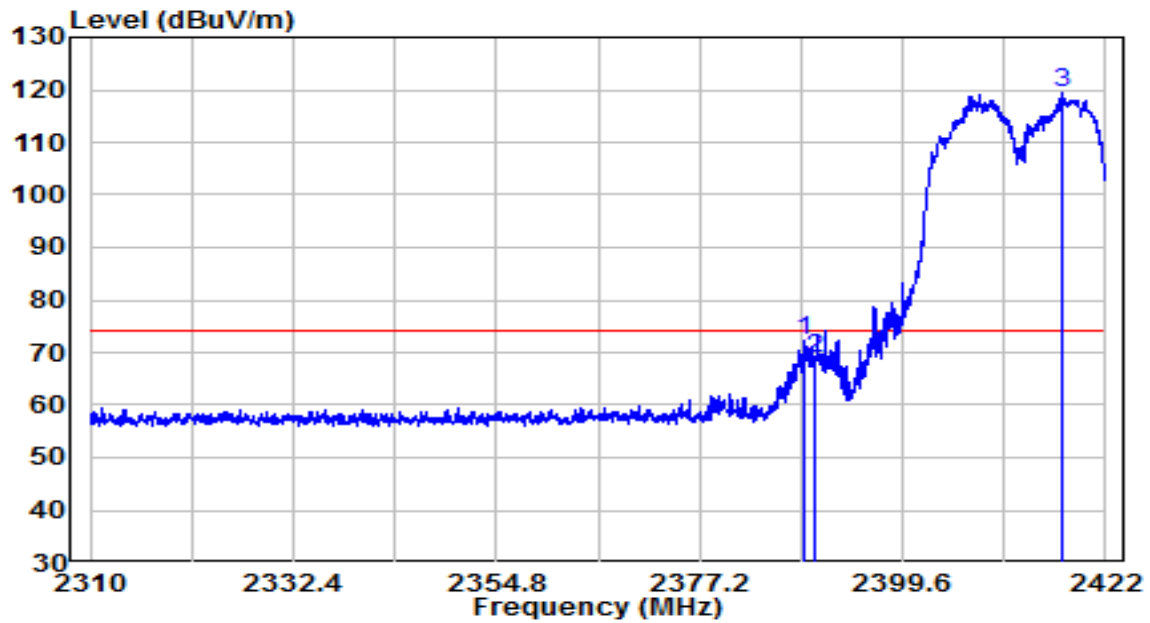


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	10.40	32.22	42.61	-11.39	54.00	Average
2	* 2416.512	64.37	32.33	96.70	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

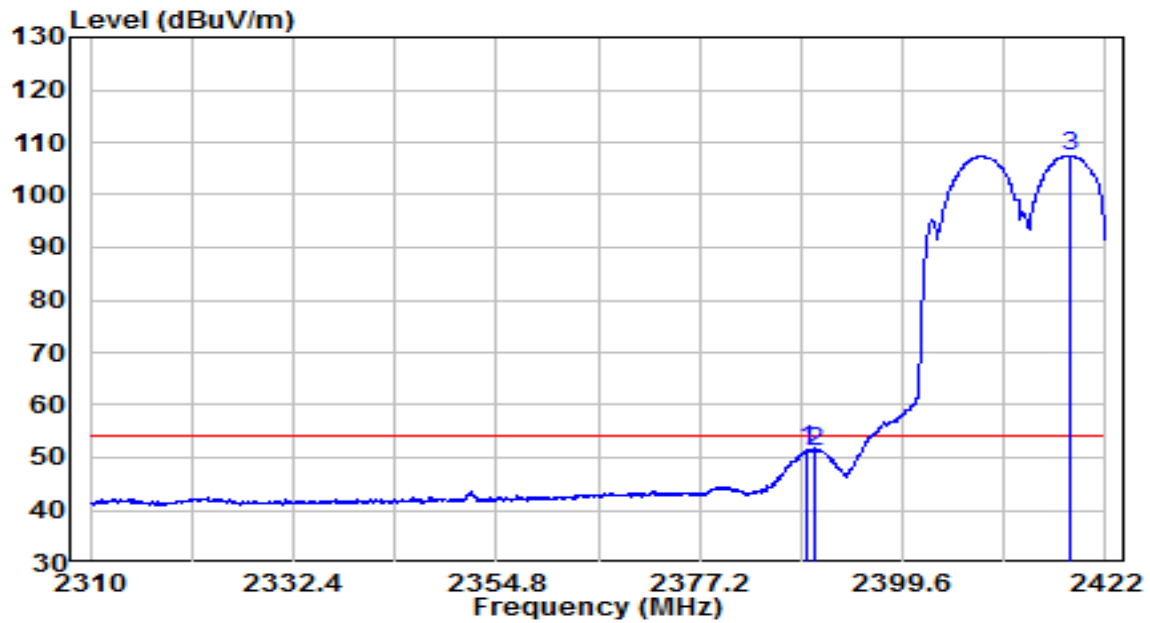


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.848	39.98	32.21	72.20	-1.80	74.00	Peak
2	2390.000	36.67	32.22	68.89	-5.11	74.00	Peak
3	* 2417.072	87.22	32.33	119.55	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	110V/60Hz

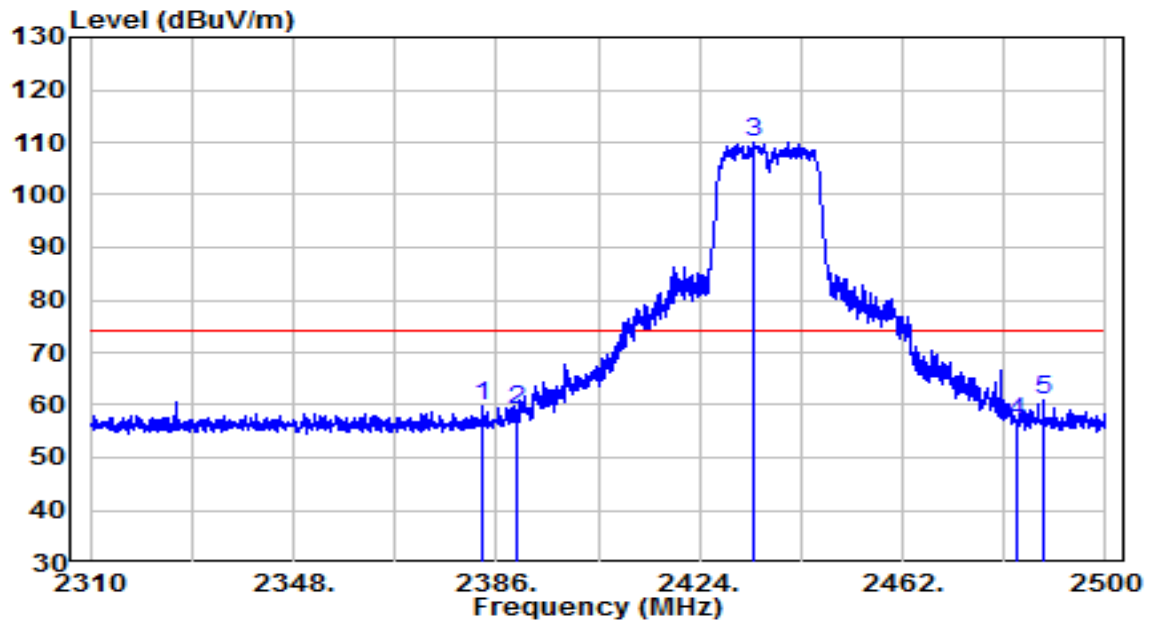


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.128	19.45	32.21	51.67	-2.33	54.00	Average
2	2390.000	19.10	32.22	51.32	-2.68	54.00	Average
3	* 2418.080	75.06	32.34	107.40	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

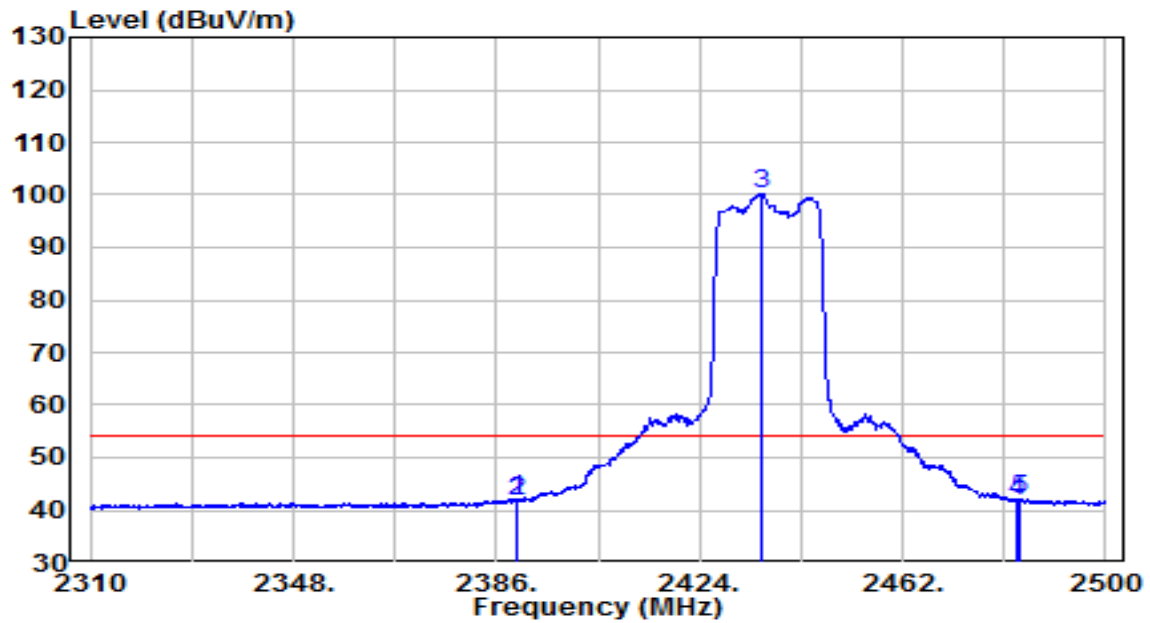


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2383.245	27.74	32.19	59.93	-14.07	74.00	Peak
2	2390.000	26.69	32.22	58.91	-15.09	74.00	Peak
3	* 2434.260	77.76	32.40	110.16	N/A	N/A	Peak
4	2483.500	24.28	32.61	56.89	-17.11	74.00	Peak
5	2488.315	28.28	32.63	60.91	-13.09	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

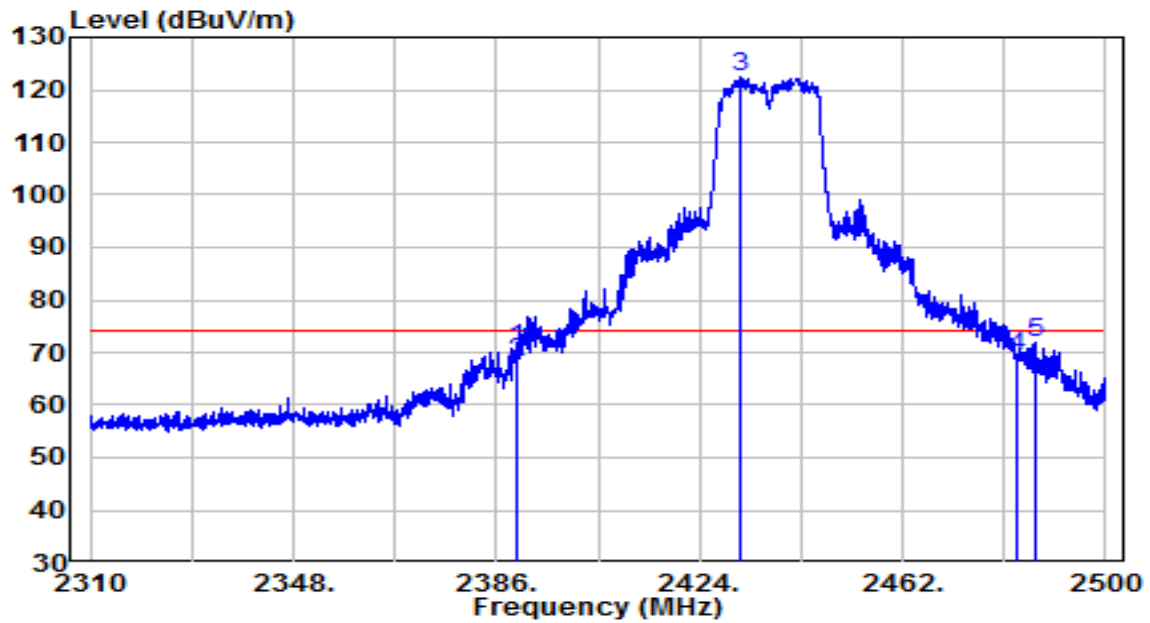


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.705	9.84	32.22	42.05	-11.95	54.00	Average
2	2390.000	9.59	32.22	41.81	-12.19	54.00	Average
3	* 2435.780	67.78	32.41	100.19	N/A	N/A	Average
4	2483.500	9.10	32.61	41.71	-12.29	54.00	Average
5	2483.850	9.54	32.61	42.15	-11.85	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

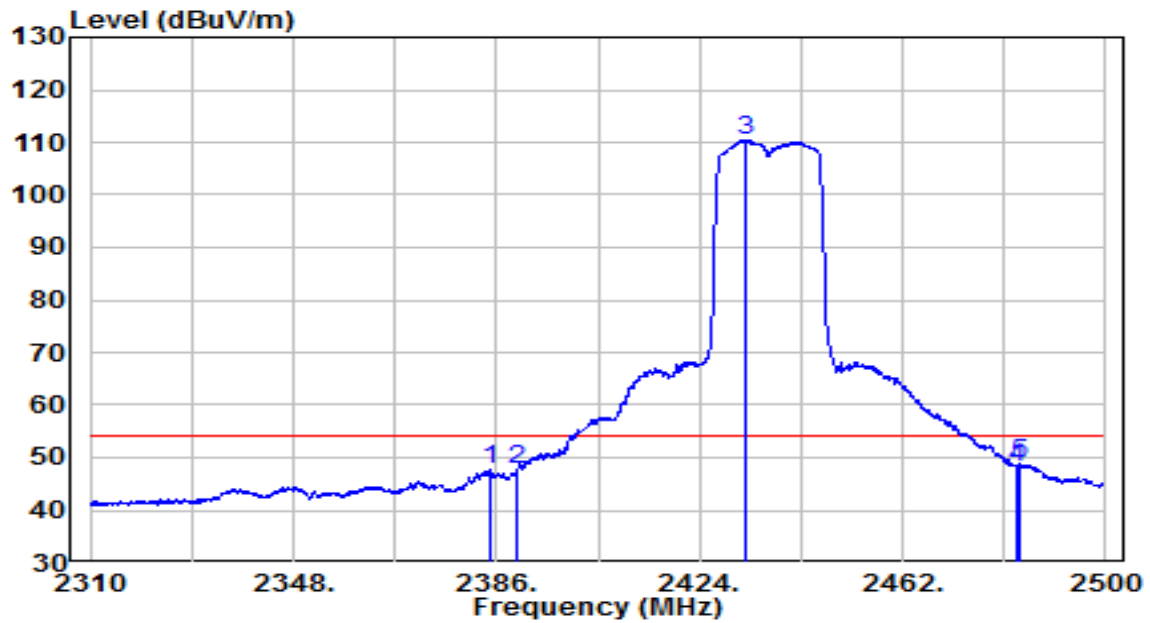


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.705	38.43	32.22	70.65	-3.35	74.00	Peak
2	2390.000	35.87	32.22	68.09	-5.91	74.00	Peak
3	* 2431.695	89.91	32.39	122.30	N/A	N/A	Peak
4	2483.500	36.53	32.61	69.14	-4.86	74.00	Peak
5	2486.890	39.45	32.62	72.07	-1.93	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	110V/60Hz

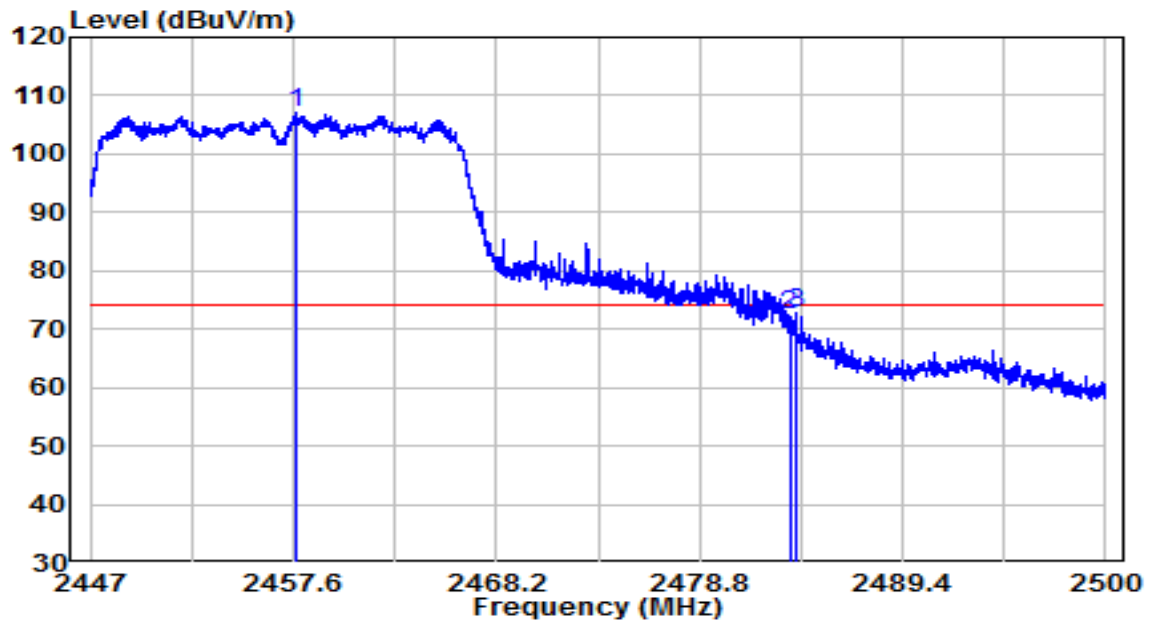


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2384.670	15.48	32.20	47.67	-6.33	54.00	Average
2	2390.000	15.37	32.22	47.59	-6.41	54.00	Average
3	* 2432.550	78.10	32.40	110.50	N/A	N/A	Average
4	2483.500	15.58	32.61	48.19	-5.81	54.00	Average
5	2483.945	16.08	32.61	48.69	-5.31	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	110V/60Hz

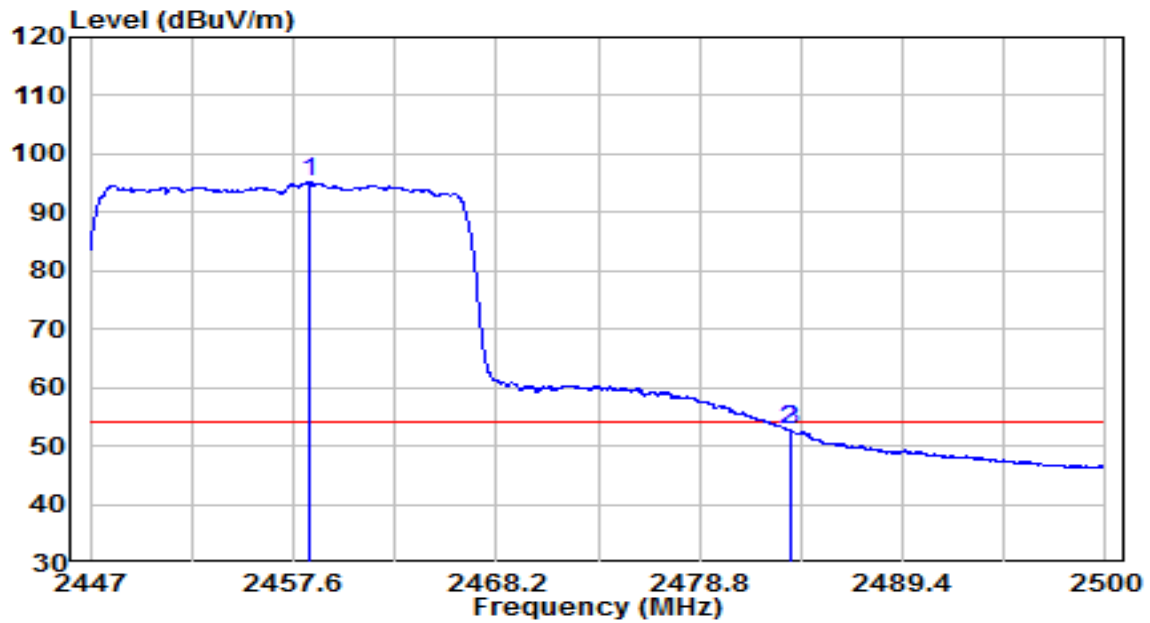


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2457.785	74.61	32.50	107.11	N/A	N/A	Peak
2	2483.500	39.88	32.61	72.49	-1.51	74.00	Peak
3	2483.782	40.21	32.61	72.82	-1.18	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	110V/60Hz

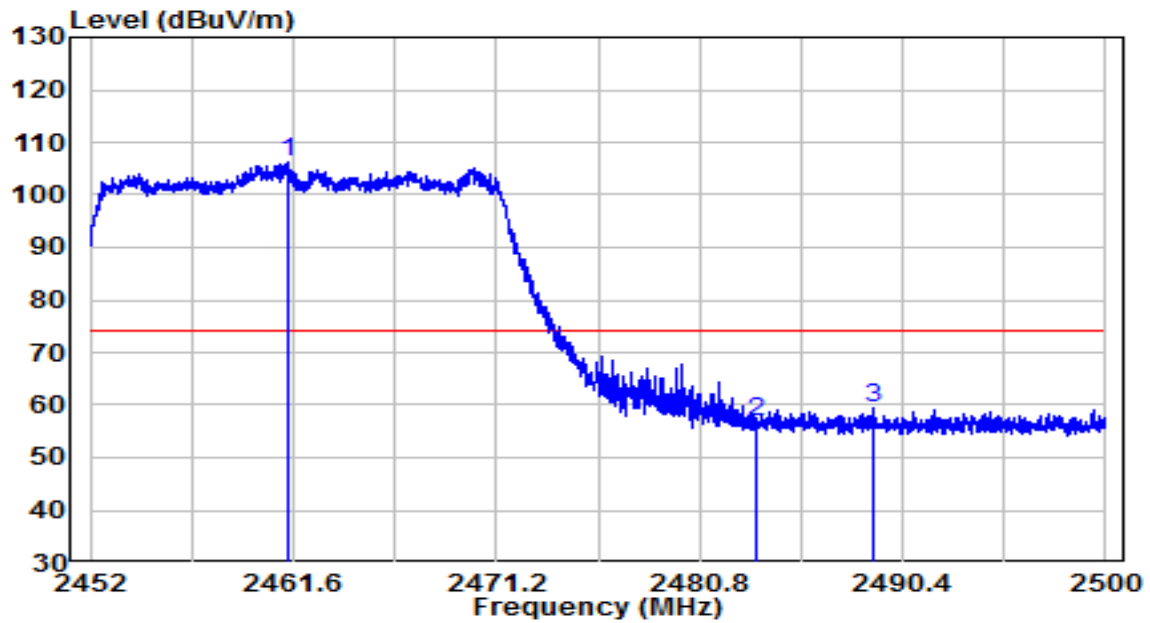


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2458.395	62.60	32.51	95.11	N/A	N/A	Average
2	2483.500	20.06	32.61	52.67	-1.33	54.00	Average
3	2483.570	20.15	32.61	52.76	-1.24	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

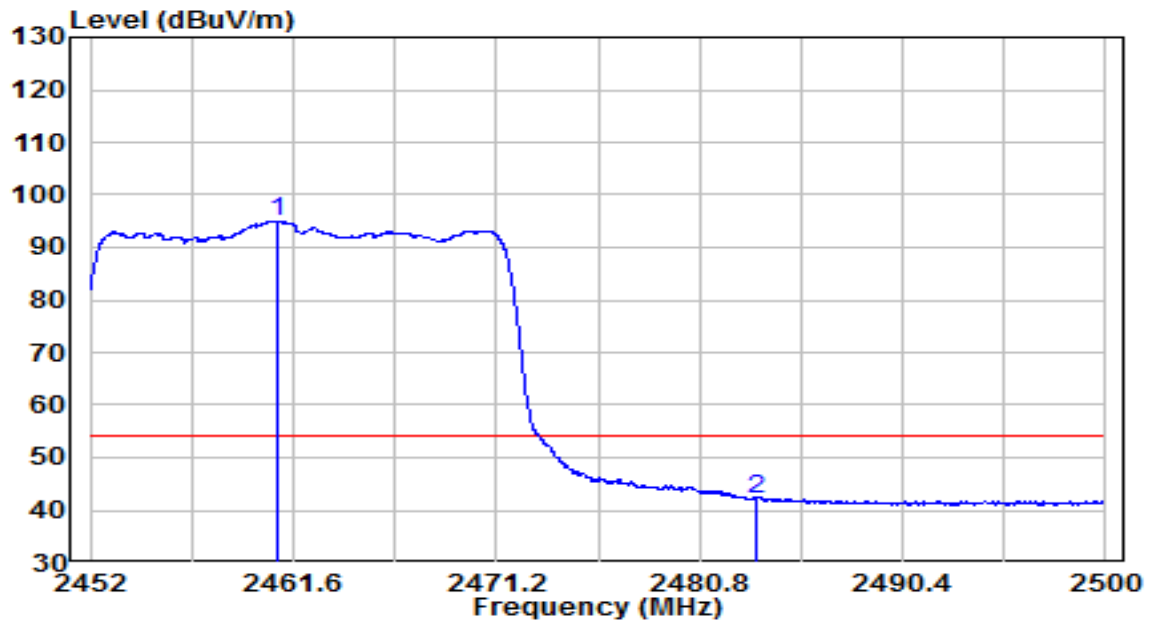


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2461.384	73.64	32.52	106.15	N/A	N/A	Peak
2	2483.500	24.26	32.61	56.87	-17.13	74.00	Peak
3	2489.056	26.99	32.63	59.62	-14.38	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

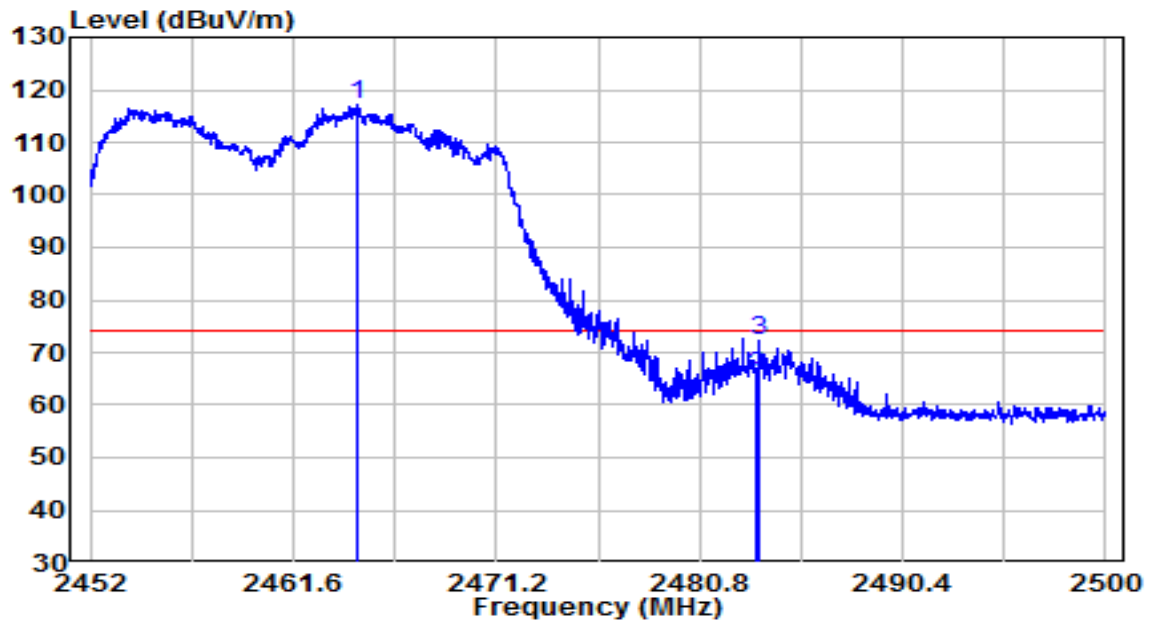


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2460.808	62.52	32.52	95.04	N/A	N/A	Average
2	2483.500	9.44	32.61	42.05	-11.95	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

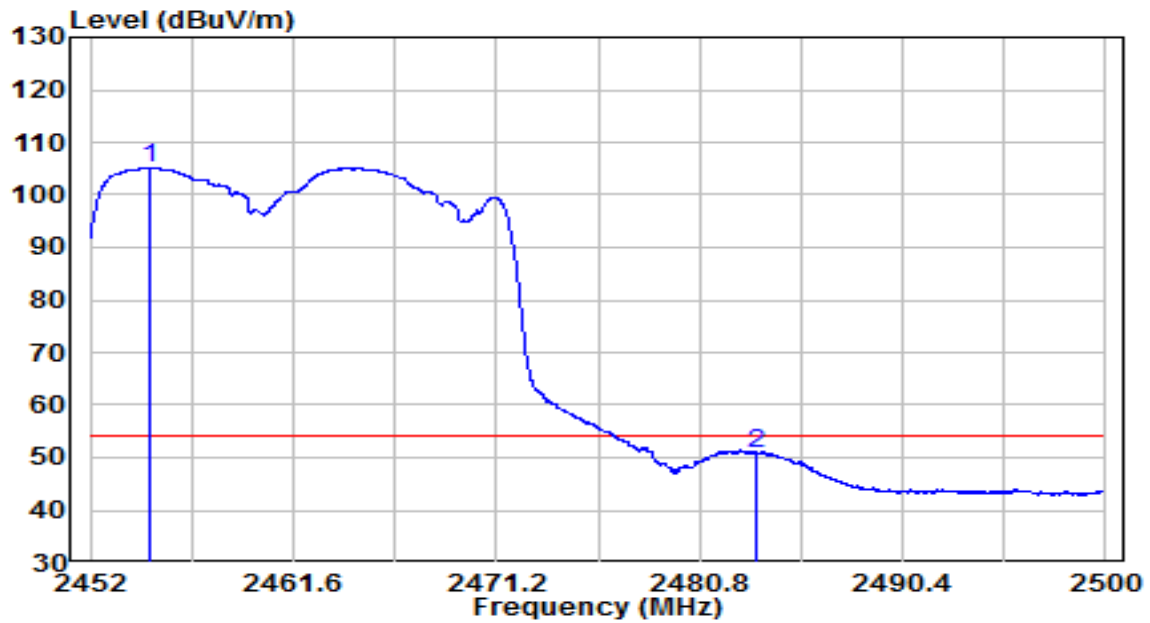


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2464.624	84.76	32.53	117.29	N/A	N/A	Peak
2	2483.500	32.97	32.61	65.58	-8.42	74.00	Peak
3	2483.656	39.49	32.61	72.10	-1.90	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	110V/60Hz

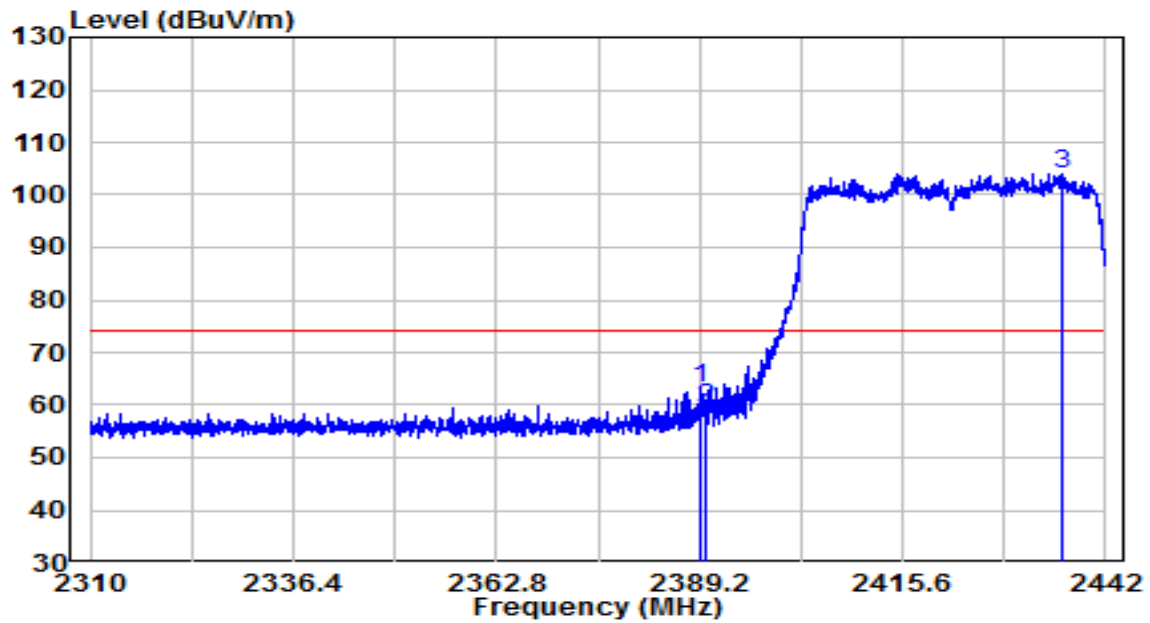


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2454.856	72.66	32.49	105.15	N/A	N/A	Average
2	2483.500	18.33	32.61	50.94	-3.06	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

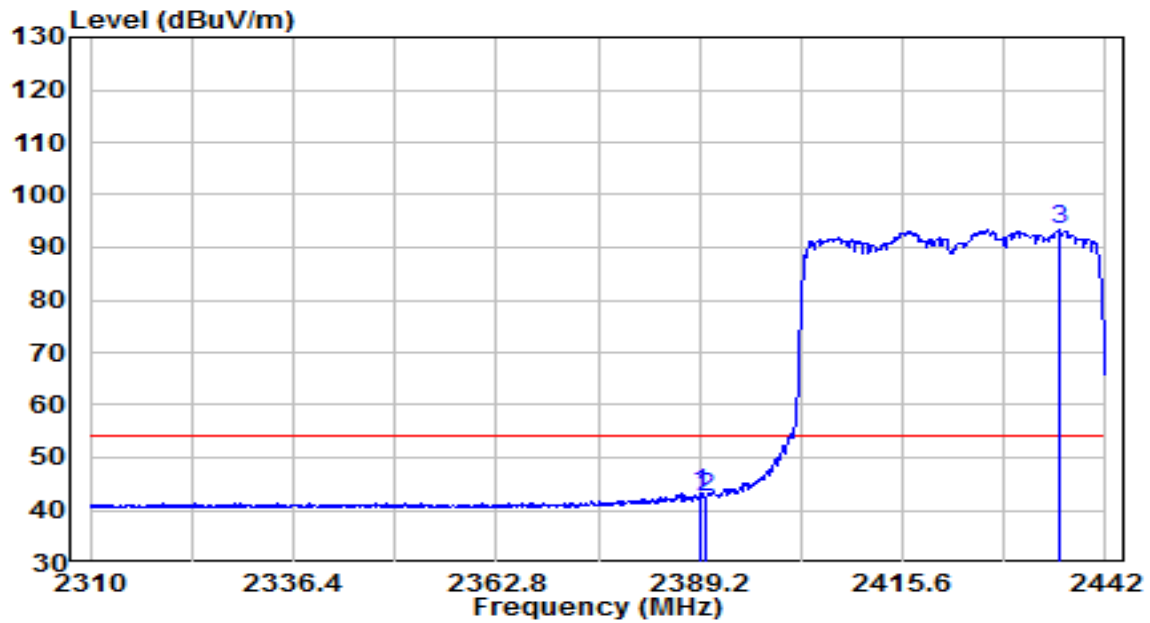


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.332	31.06	32.22	63.27	-10.73	74.00	Peak
2	2390.000	27.25	32.22	59.47	-14.53	74.00	Peak
3	* 2436.258	71.69	32.41	104.10	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

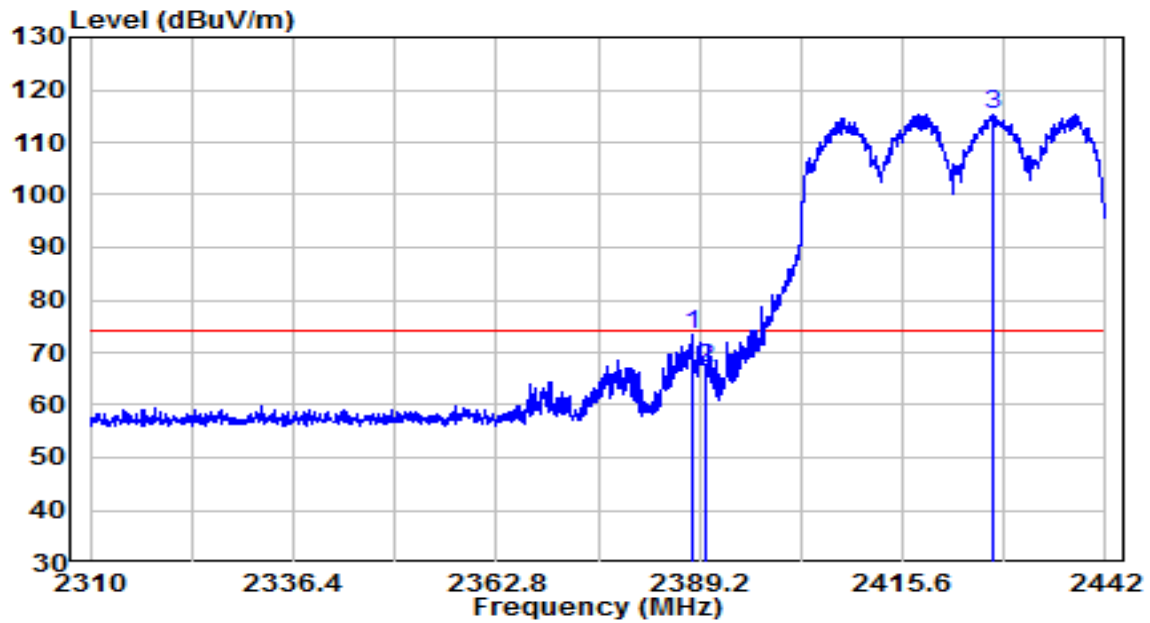


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.464	10.95	32.22	43.16	-10.84	54.00	Average
2	2390.000	10.08	32.22	42.29	-11.71	54.00	Average
3	* 2436.060	60.92	32.41	93.33	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

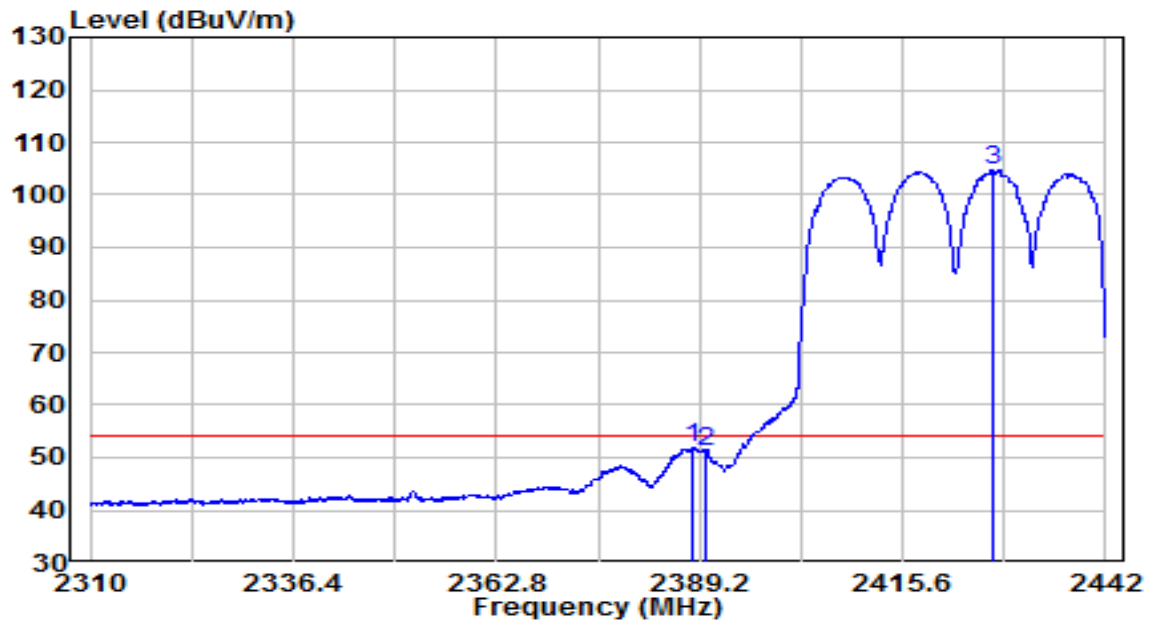


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.210	41.04	32.21	73.25	-0.75	74.00	Peak
2	2390.000	34.94	32.22	67.16	-6.84	74.00	Peak
3	* 2427.282	82.93	32.37	115.30	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	110V/60Hz

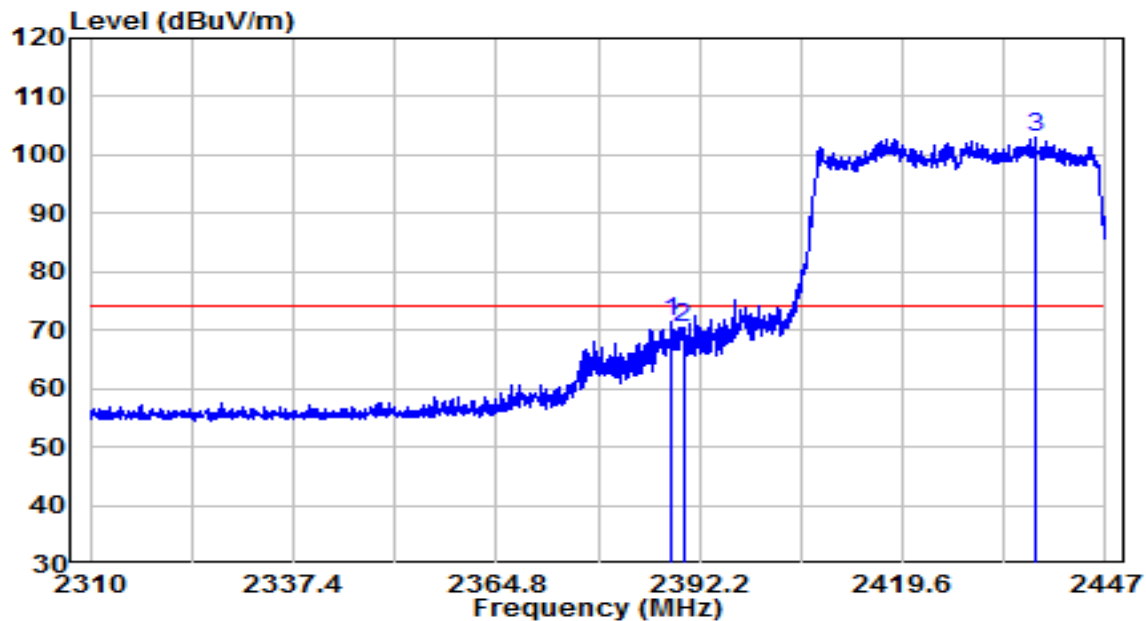


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.408	19.70	32.21	51.91	-2.09	54.00	Average
2	2390.000	18.99	32.22	51.21	-2.79	54.00	Average
3	* 2427.348	72.37	32.37	104.74	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at channel 2427MHz	Test Voltage	110V/60Hz

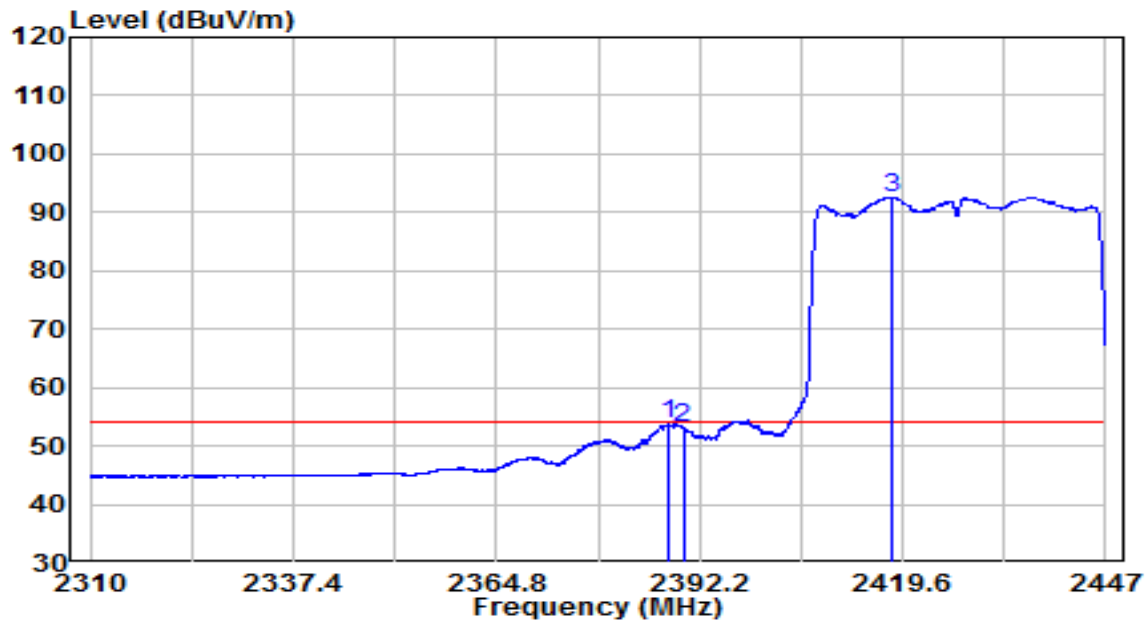


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.364	39.37	32.21	71.58	-2.42	74.00	Peak
2	2390.000	38.13	32.22	70.34	-3.66	74.00	Peak
3	* 2437.615	70.69	32.42	103.11	N/A	N/A	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-19
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/43.4%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at channel 2427MHz	Test Voltage	110V/60Hz

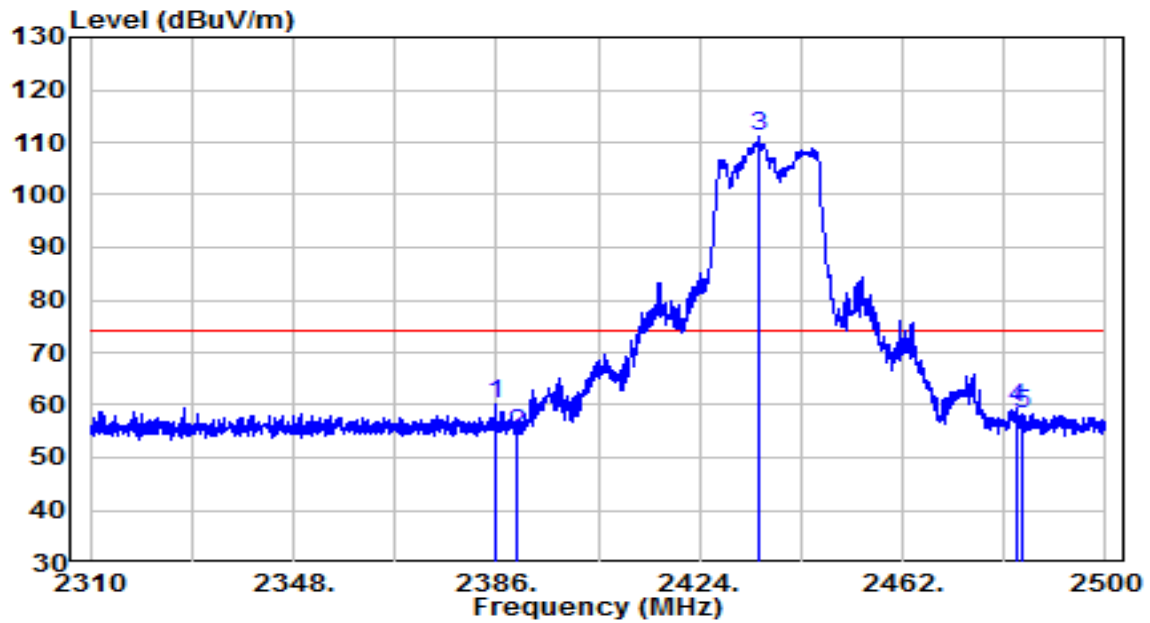


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB/m)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2388.090	21.63	32.21	53.84	-0.16	54.00	Average
2	2390.000	21.05	32.22	53.26	-0.74	54.00	Average
3	* 2418.093	60.32	32.34	92.66	N/A	N/A	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

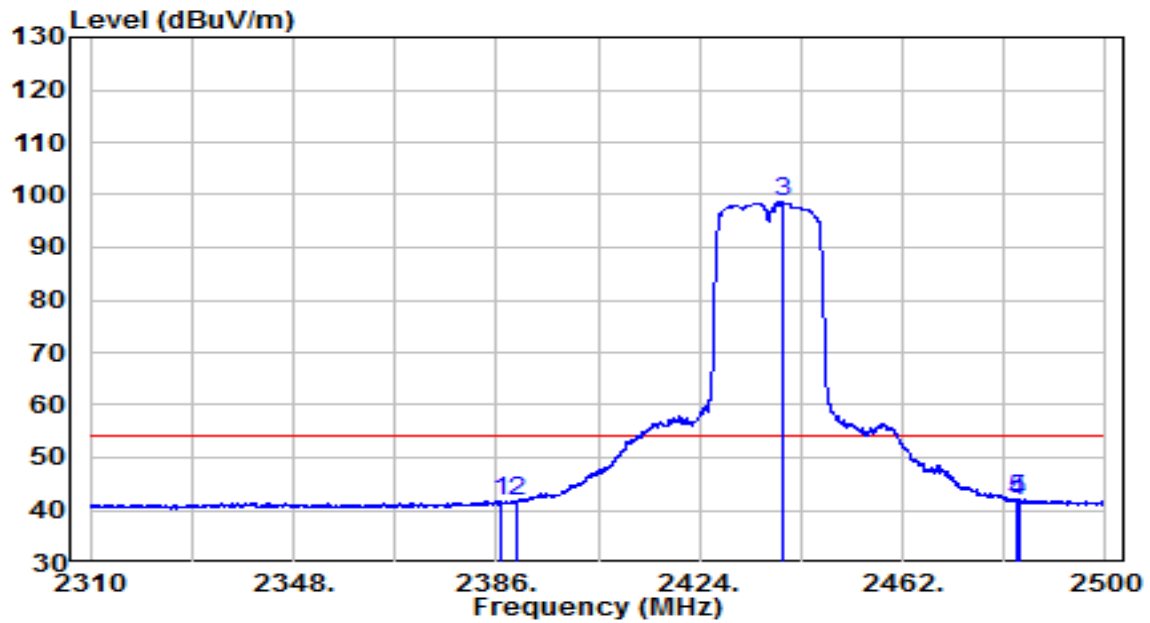


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2385.905	28.09	32.20	60.29	-13.71	74.00	Peak
2	2390.000	22.40	32.22	54.62	-19.38	74.00	Peak
3	* 2435.020	78.81	32.41	111.22	N/A	N/A	Peak
4	2483.500	26.67	32.61	59.28	-14.72	74.00	Peak
5	2484.515	25.84	32.61	58.45	-15.55	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

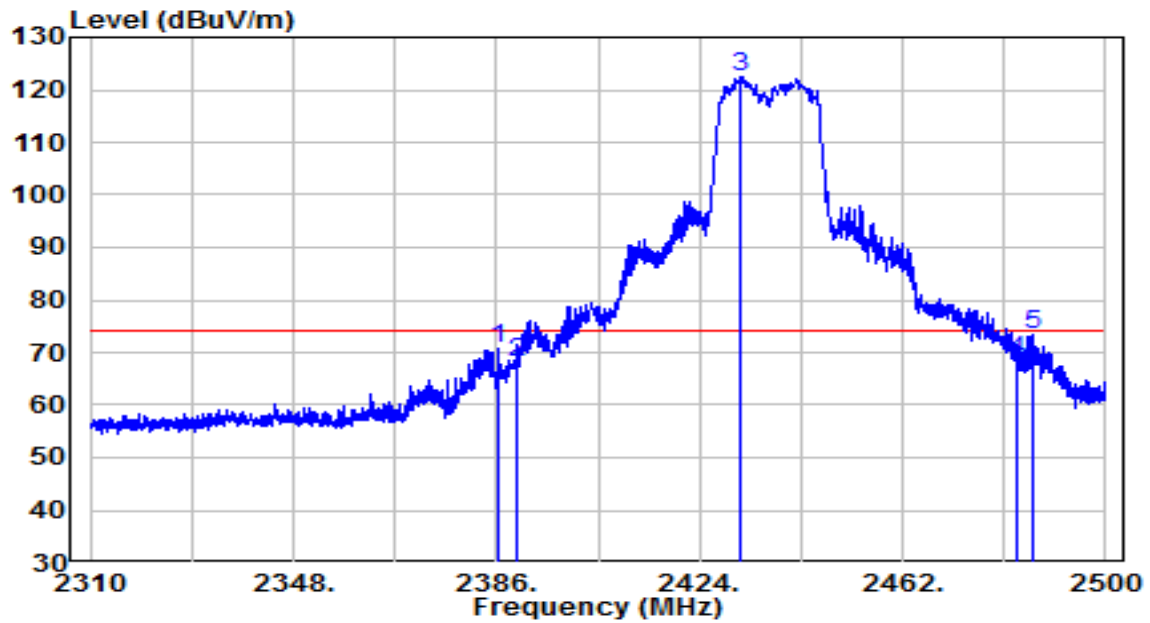


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2386.855	9.61	32.20	41.81	-12.19	54.00	Average
2	2390.000	9.53	32.22	41.75	-12.25	54.00	Average
3	* 2439.485	66.24	32.43	98.67	N/A	N/A	Average
4	2483.500	9.05	32.61	41.66	-12.34	54.00	Average
5	2483.660	9.56	32.61	42.17	-11.83	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

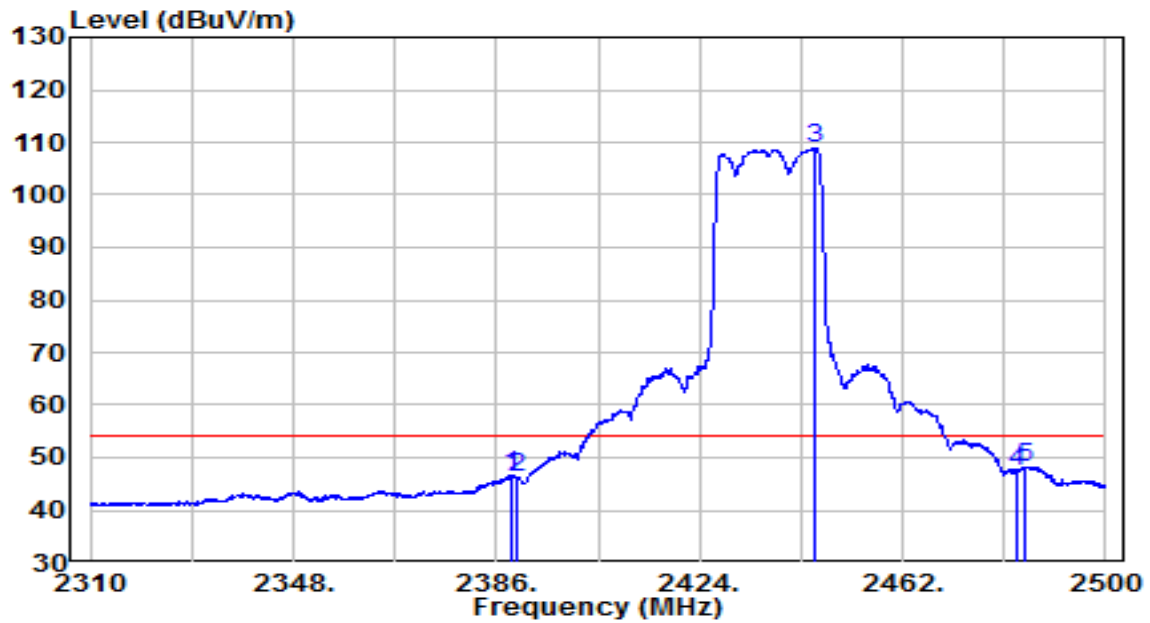


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2386.190	38.69	32.20	70.89	-3.11	74.00	Peak
2	2390.000	35.93	32.22	68.15	-5.85	74.00	Peak
3	* 2431.790	90.06	32.39	122.45	N/A	N/A	Peak
4	2483.500	35.95	32.61	68.56	-5.44	74.00	Peak
5	2486.415	40.94	32.62	73.56	-0.44	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	24.7°C/46.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	110V/60Hz

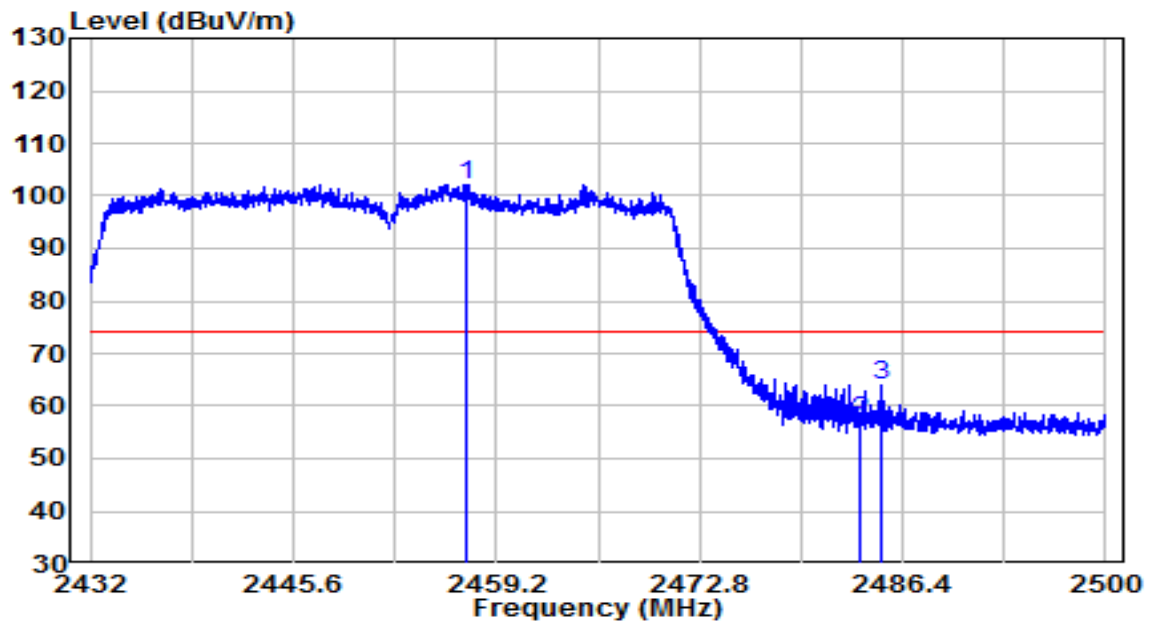


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2389.040	14.39	32.21	46.61	-7.39	54.00	Average
2	2390.000	13.98	32.22	46.20	-7.80	54.00	Average
3	* 2445.565	76.42	32.45	108.88	N/A	N/A	Average
4	2483.500	14.93	32.61	47.54	-6.46	54.00	Average
5	2485.085	15.53	32.62	48.15	-5.85	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz

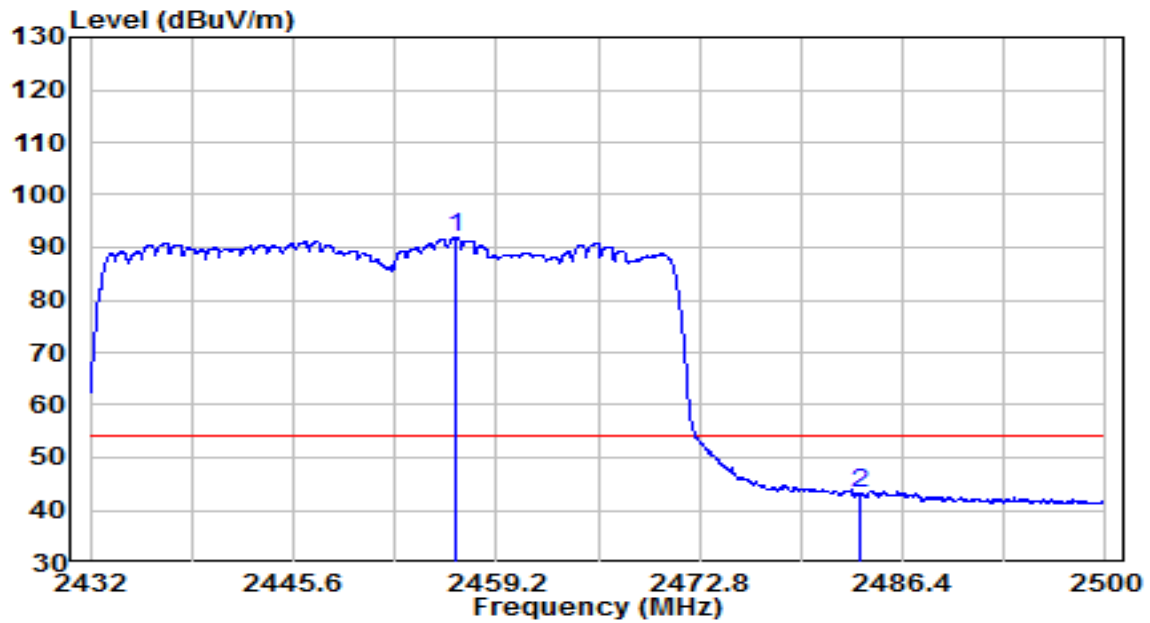


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.194	69.71	32.50	102.21	N/A	N/A	Peak
2		2483.500	24.64	32.61	57.25	-16.75	74.00	Peak
3		2484.972	31.41	32.62	64.02	-9.98	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz

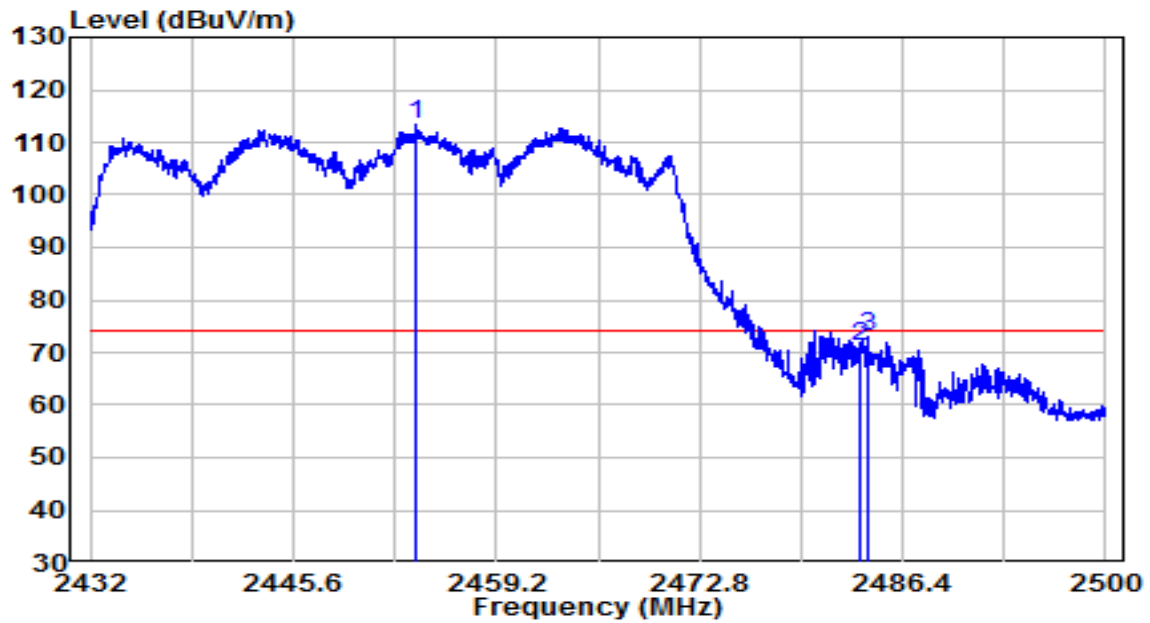


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2456.514	59.32	32.50	91.81	N/A	N/A	Average
2	2483.500	10.61	32.61	43.22	-10.78	54.00	Average

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz

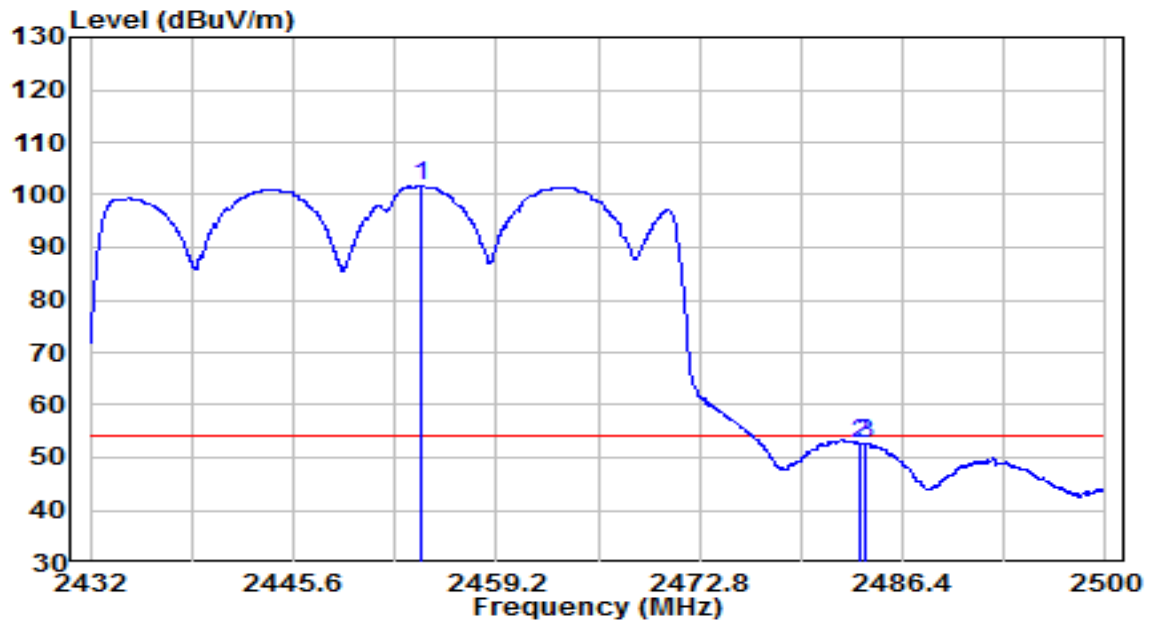


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2453.828	80.98	32.49	113.46	N/A	N/A	Peak
2	2483.500	38.55	32.61	71.16	-2.84	74.00	Peak
3	2484.054	40.34	32.61	72.95	-1.05	74.00	Peak

Note:

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

EUT	AX3000 Wi-Fi 6 訊號延伸器	Date of Test	2021-11-01
Factor	BBHA 9120D	Temp. / Humidity	27.1°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2454.168	69.26	32.49	101.75	N/A	N/A	Average
2	2483.500	20.02	32.61	52.63	-1.37	54.00	Average
3	2483.986	20.21	32.61	52.82	-1.18	54.00	Average

Note:

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

5.7 占用頻寬

5.7.1 量測方法

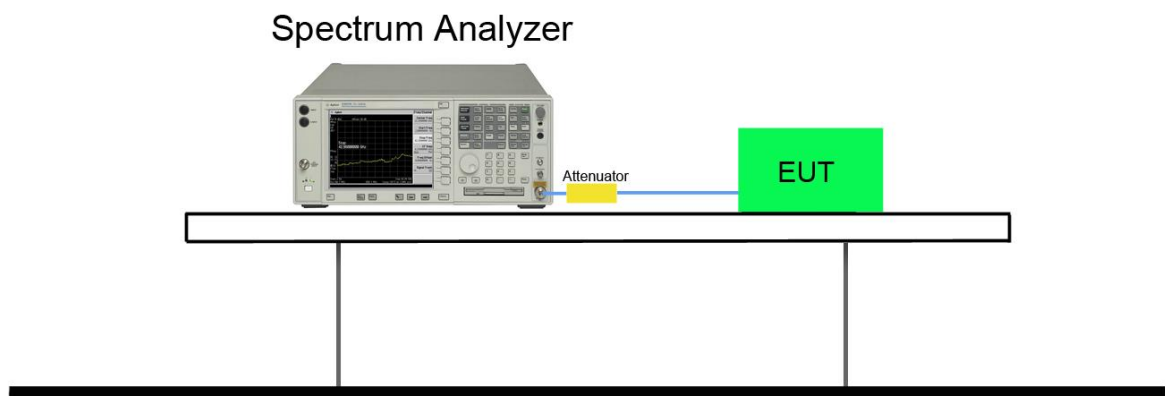
待測物之天線埠經由適當之衰減直接連至頻譜分析儀RF輸入端，頻譜分析儀之設定,參考如下:

- (1) Set RBW = 100 kHz
- (2) VBW $\geq 3 \times$ RBW
- (3) Detector = Peak
- (4) Trace mode = max hold
- (5) Sweep = auto couple

5.7.2 限制要求

6dB頻寬至少應有500kHz。

5.7.3 測試架構圖

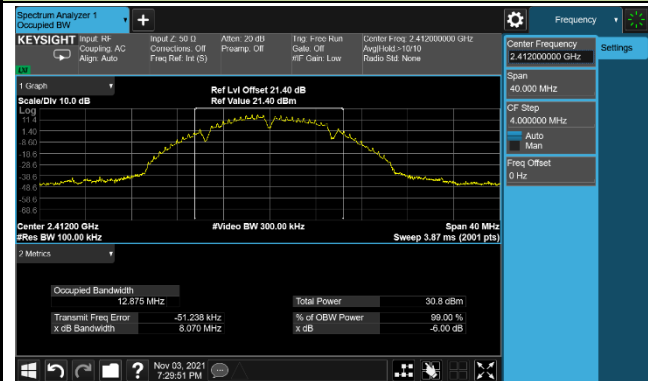


5.7.4 占用頻寬測試結果

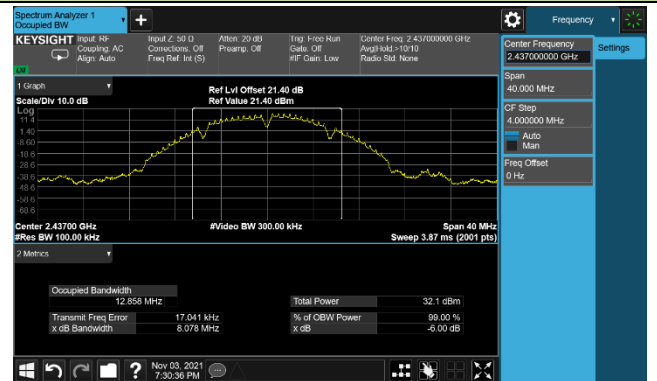
Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	1	01	2412	8.07	≥ 0.5	Pass
802.11b	1	06	2437	8.08	≥ 0.5	Pass
802.11b	1	11	2462	8.05	≥ 0.5	Pass
802.11g	6	01	2412	16.38	≥ 0.5	Pass
802.11g	6	06	2437	16.39	≥ 0.5	Pass
802.11g	6	11	2462	16.39	≥ 0.5	Pass
802.11n-HT20	6.5	01	2412	17.60	≥ 0.5	Pass
802.11n-HT20	6.5	06	2437	17.58	≥ 0.5	Pass
802.11n-HT20	6.5	11	2462	17.59	≥ 0.5	Pass
802.11n-HT40	13.5	03	2422	36.36	≥ 0.5	Pass
802.11n-HT40	13.5	06	2437	36.09	≥ 0.5	Pass
802.11n-HT40	13.5	09	2452	35.96	≥ 0.5	Pass
802.11ax-HE20	6.5	01	2412	18.84	≥ 0.5	Pass
802.11ax-HE20	6.5	06	2437	18.94	≥ 0.5	Pass
802.11ax-HE20	6.5	11	2462	18.88	≥ 0.5	Pass
802.11ax-HE40	13.5	03	2422	38.02	≥ 0.5	Pass
802.11ax-HE40	13.5	06	2437	38.21	≥ 0.5	Pass
802.11ax-HE40	13.5	09	2452	37.91	≥ 0.5	Pass

802.11b 6dB Bandwidth

Channel 01 (2412MHz)



Channel 06 (2437MHz)

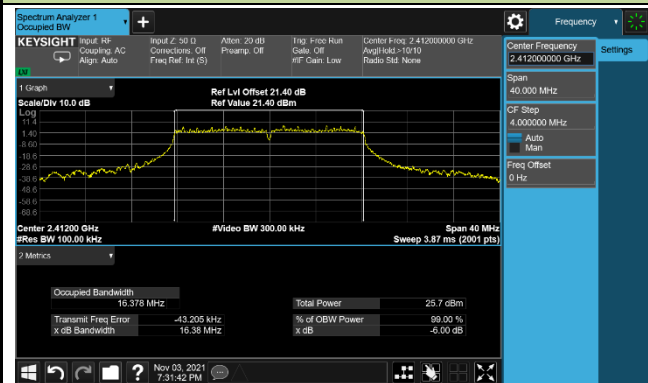


Channel 11 (2462MHz)

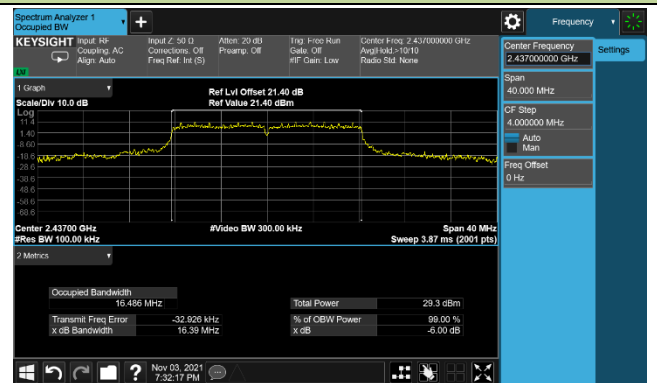


802.11g 6dB Bandwidth

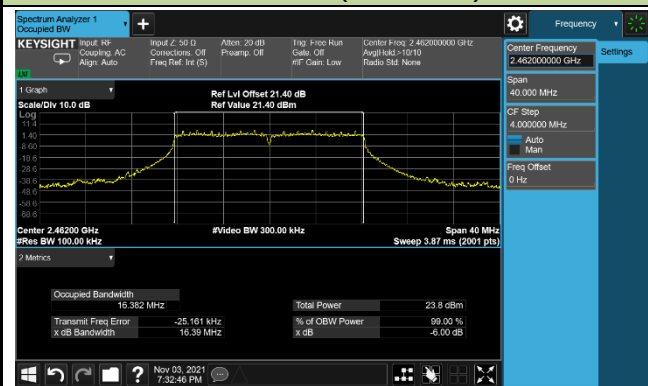
Channel 01 (2412MHz)



Channel 06 (2437MHz)

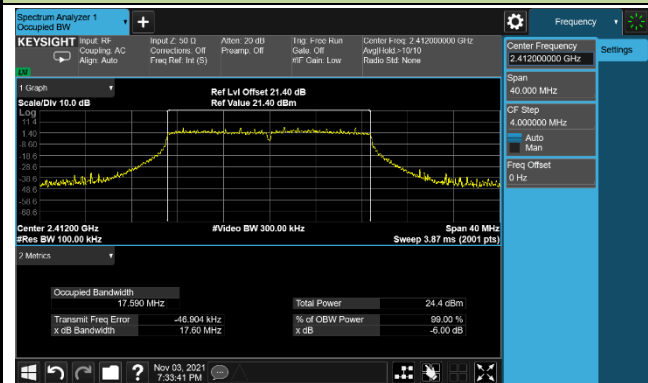


Channel 11 (2462MHz)

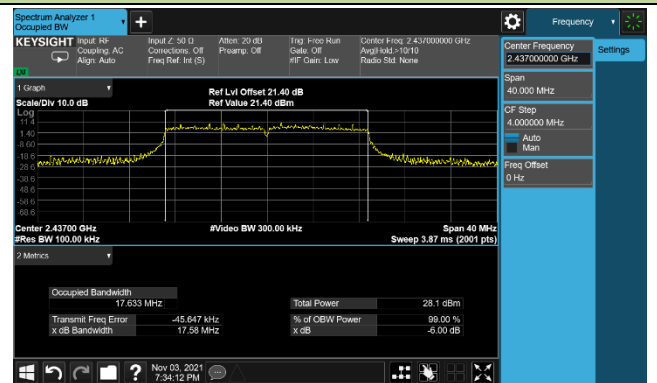


802.11n-HT20 6dB Bandwidth

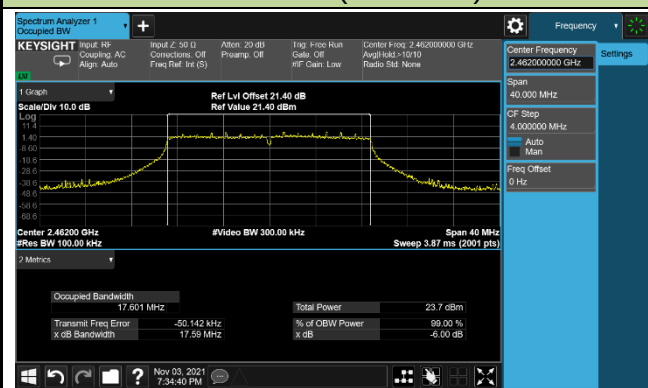
Channel 01 (2412MHz)



Channel 06 (2437MHz)

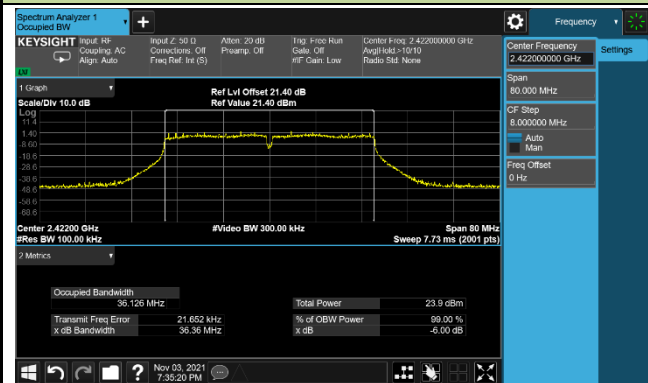


Channel 11 (2462MHz)

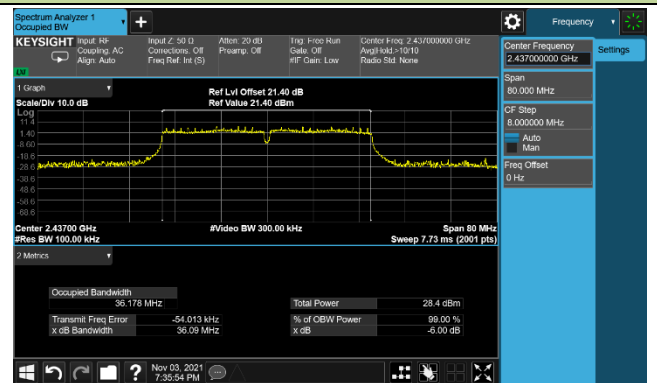


802.11n-HT40 6dB Bandwidth

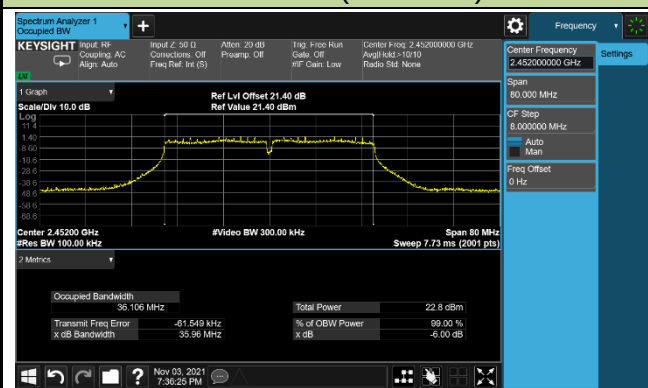
Channel 03 (2422MHz)



Channel 06 (2437MHz)

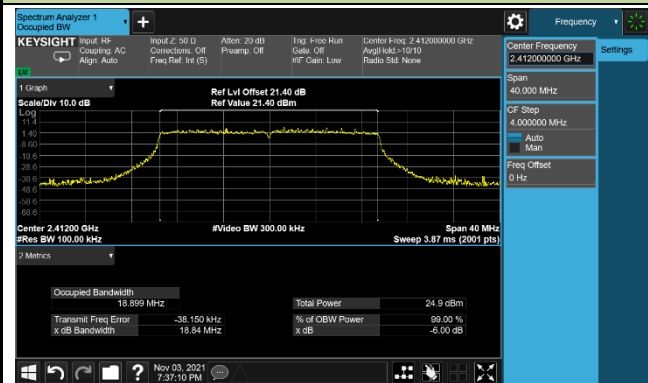


Channel 09 (2452MHz)

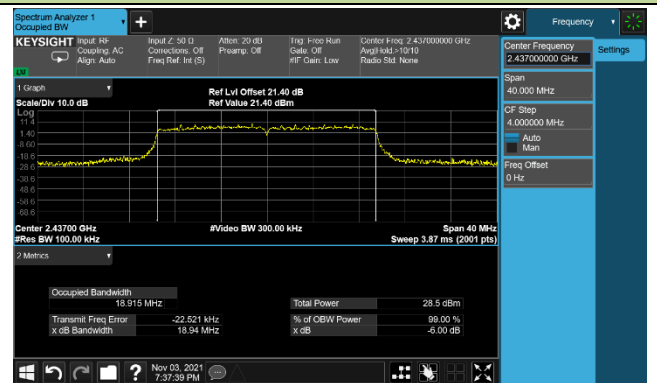


802.11ax-HE20 6dB Bandwidth

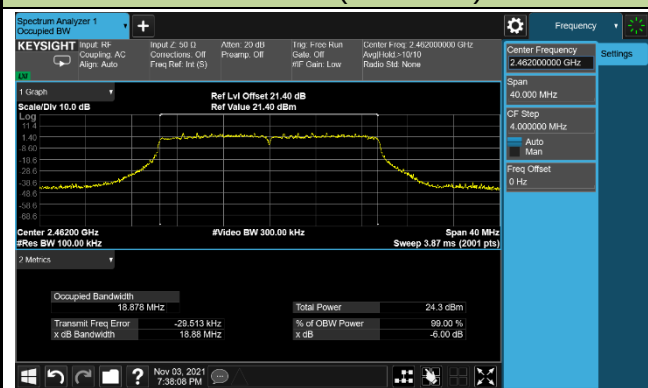
Channel 01 (2412MHz)



Channel 06 (2437MHz)

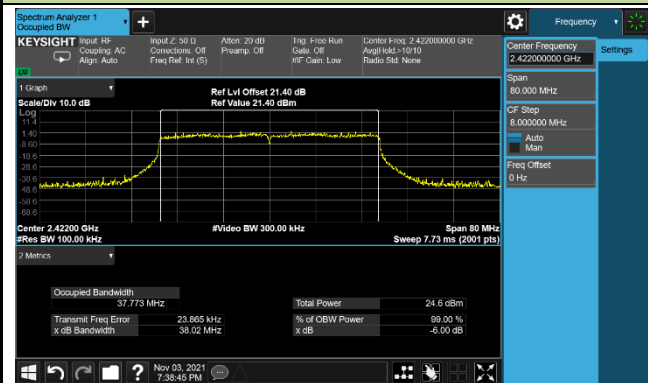


Channel 11 (2462MHz)

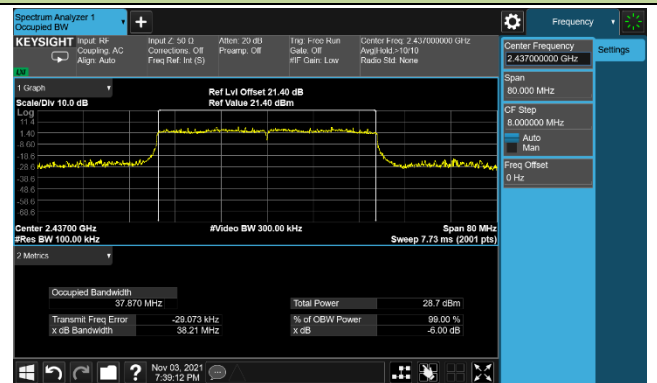


802.11ax-HE40 6dB Bandwidth

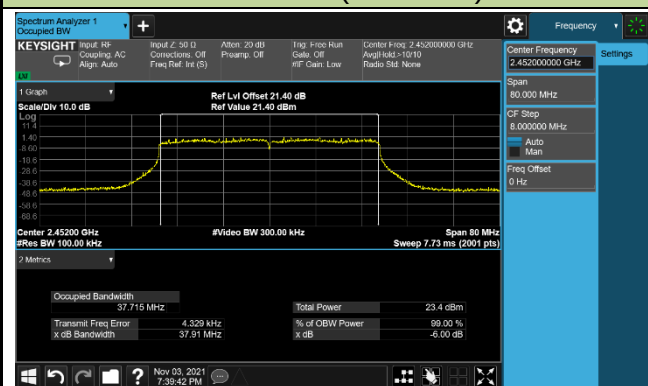
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



5.8. 功率頻譜密度

5.8.1 量測方法

將發射機之天線埠經由適當之衰減直接連至測試儀器。找出發射峰值並擴展於通帶內，設定解析頻寬為 3 kHz，視訊頻寬大於解析頻寬，掃描時間為頻率掃描範圍除以 3 kHz。所測得之峰值位準必須應小於或等於 8 dBm。

若受測裝置之頻譜線間隔小於 3 kHz，測量時應將解析頻寬降低以使頻譜線間隔大於 3 kHz，所測得之數據再藉加總 3 kHz 頻帶內所有個別頻譜線之功率(即標準化至 3 kHz)以決定是否符合規定。

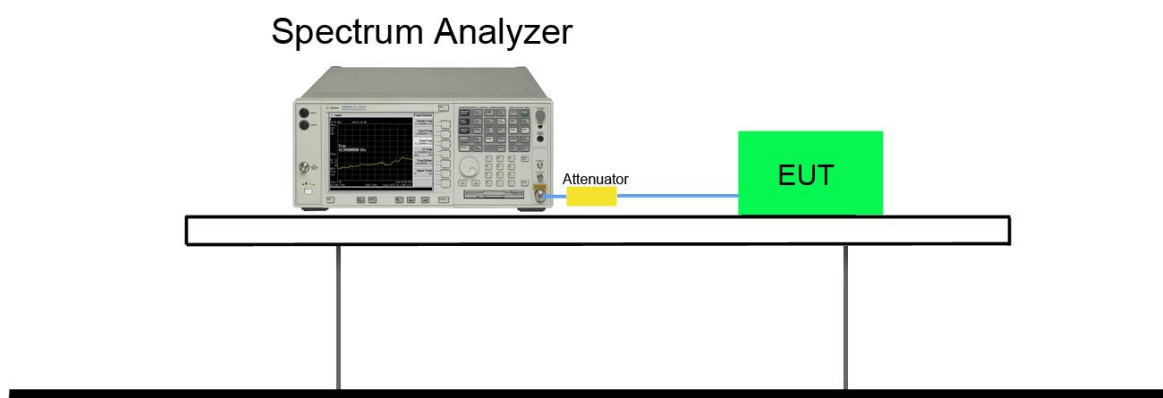
5.8.2 限制要求

在使用頻率範圍之任意 3 千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8 dBm。

若用於非固定式點對點操作時，若其發射天線之方向性增益超過 6 dBi，應依所超過之 dB 數等量降低峰值輸出功率。如用於固定式點對點(註)操作時，應符合下列情形之一：

- (1) 操作於 2400-2483.5 兆赫(MHz)者，其發射天線之方向性增益超過 6 dBi，應於每超過 3 dB 降低 1 dB 之峰值輸出功率。
- (2) 操作於 5725-5850 兆赫(MHz)者，其發射天線之方向性增益超過 6 dBi，不需降低峰值輸出功率。

5.8.3 測試架構圖



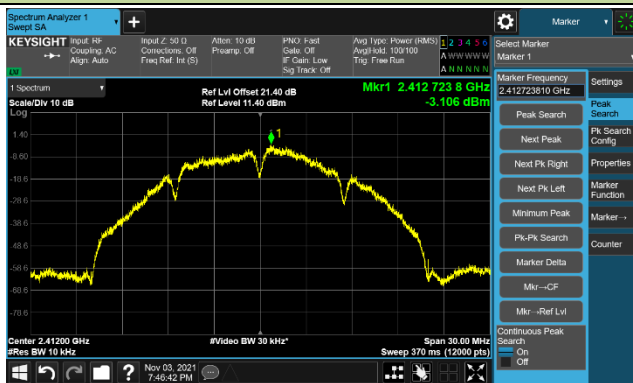
5.8.4 功率頻譜密度測試結果

Test Mode	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ 3kHz)	Ant 1 PSD (dBm/ 3kHz)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
802.11b	01	2412	-3.11	-3.33	0.04	≤ 8.00	Pass
802.11b	06	2437	-2.08	-1.33	1.57	≤ 8.00	Pass
802.11b	11	2462	-1.77	-1.53	1.61	≤ 8.00	Pass
802.11g	01	2412	-10.44	-9.94	-6.93	≤ 8.00	Pass
802.11g	06	2437	-6.99	-6.25	-3.35	≤ 8.00	Pass
802.11g	11	2462	-12.16	-11.53	-8.58	≤ 8.00	Pass
802.11n-HT20	01	2412	-11.71	-10.86	-7.90	≤ 8.00	Pass
802.11n-HT20	06	2437	-8.34	-7.68	-4.64	≤ 8.00	Pass
802.11n-HT20	11	2462	-12.08	-12.30	-8.83	≤ 8.00	Pass
802.11n-HT40	03	2422	-15.48	-14.98	-11.85	≤ 8.00	Pass
802.11n-HT40	06	2437	-11.37	-10.78	-7.69	≤ 8.00	Pass
802.11n-HT40	09	2452	-16.29	-16.20	-12.87	≤ 8.00	Pass
802.11ax-HE20	01	2412	-13.25	-13.05	-9.78	≤ 8.00	Pass
802.11ax-HE20	06	2437	-10.25	-9.89	-6.70	≤ 8.00	Pass
802.11ax-HE20	11	2462	-14.43	-14.52	-11.10	≤ 8.00	Pass
802.11ax-HE40	03	2422	-16.81	-16.20	-13.11	≤ 8.00	Pass
802.11ax-HE40	06	2437	-12.75	-12.38	-9.18	≤ 8.00	Pass
802.11ax-HE40	09	2452	-18.16	-16.63	-13.95	≤ 8.00	Pass

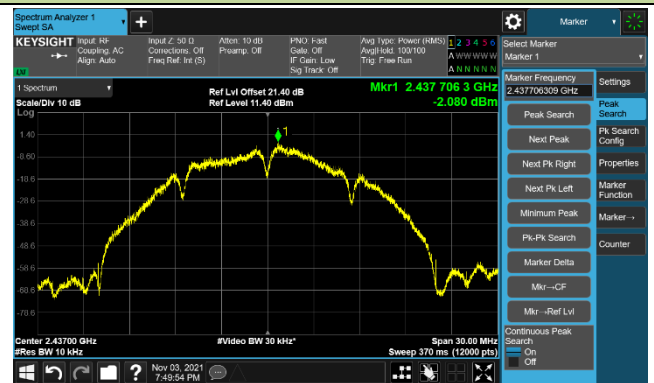
Note: the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/3kHz).

802.11b AVGPSPD - Ant 0

Channel 01 (2412MHz)



Channel 06 (2437MHz)

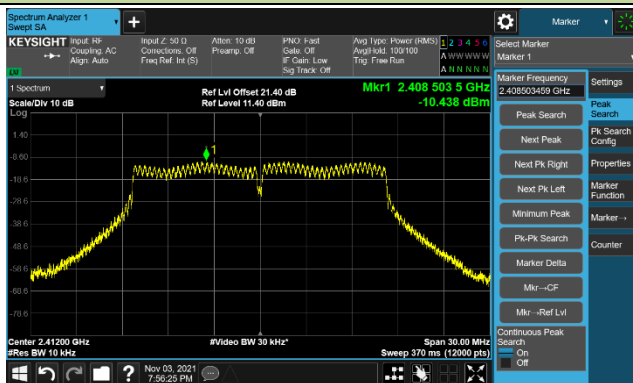


Channel 11 (2462MHz)

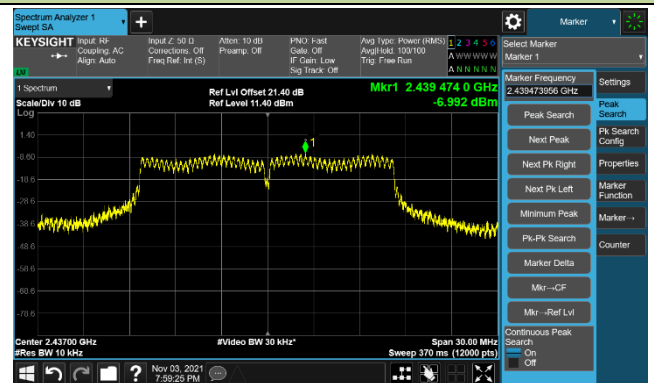


802.11g AVGPSPD - Ant 0

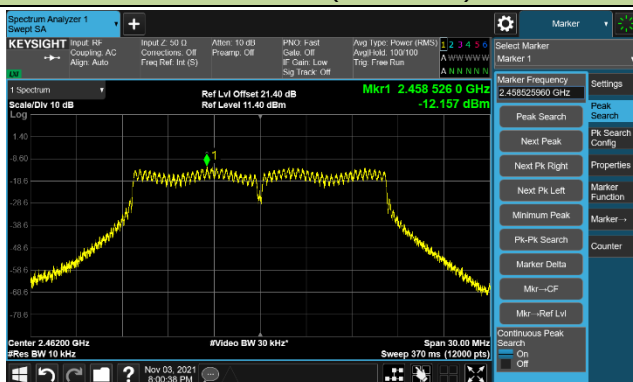
Channel 01 (2412MHz)



Channel 06 (2437MHz)

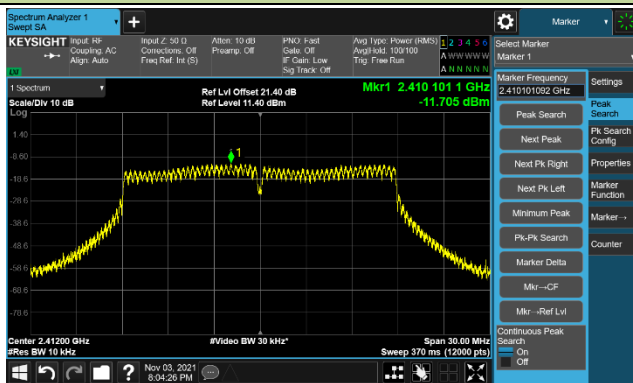


Channel 11 (2462MHz)

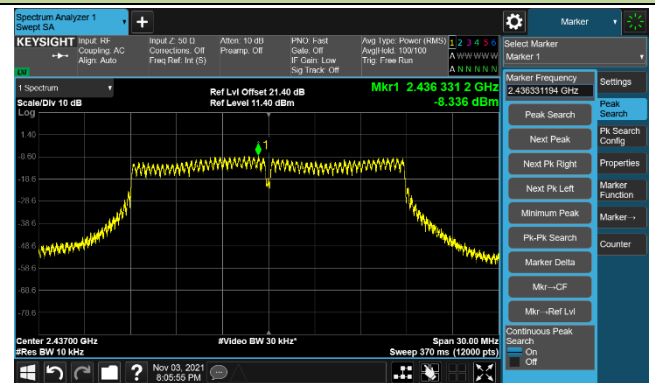


802.11n-HT20 AVGPSD - Ant 0

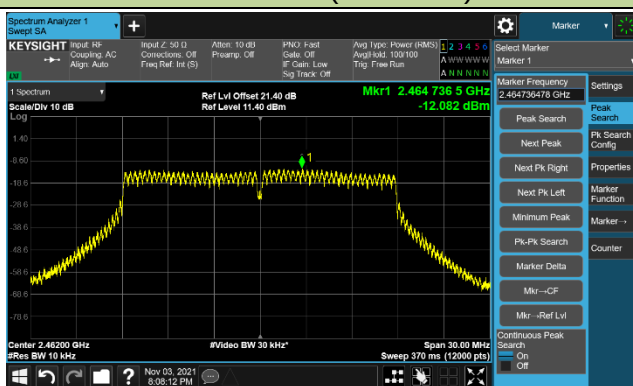
Channel 01 (2412MHz)



Channel 06 (2437MHz)

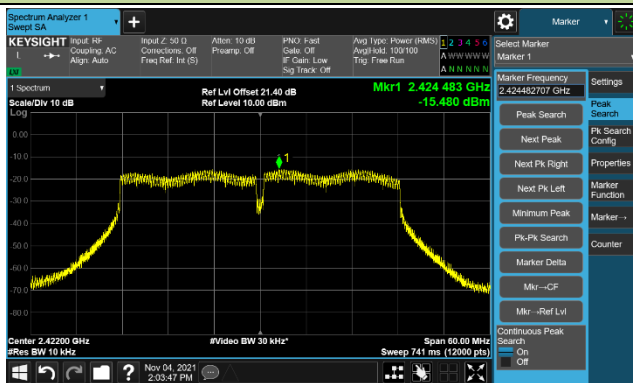


Channel 11 (2462MHz)

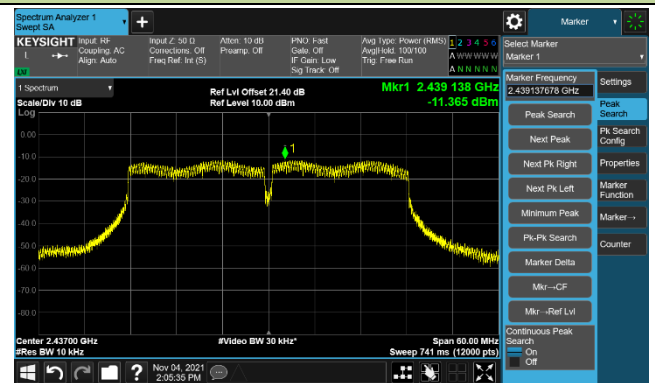


802.11n-HT40 AVGPSD - Ant 0

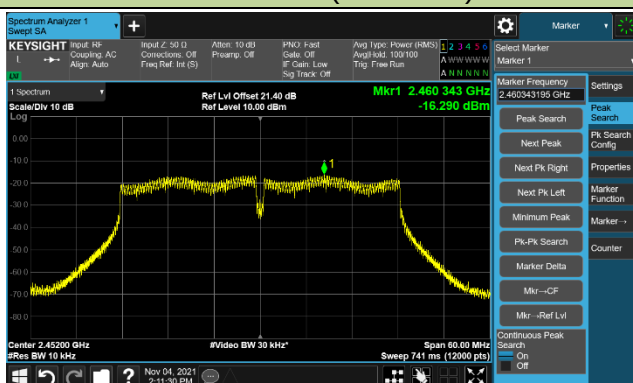
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)

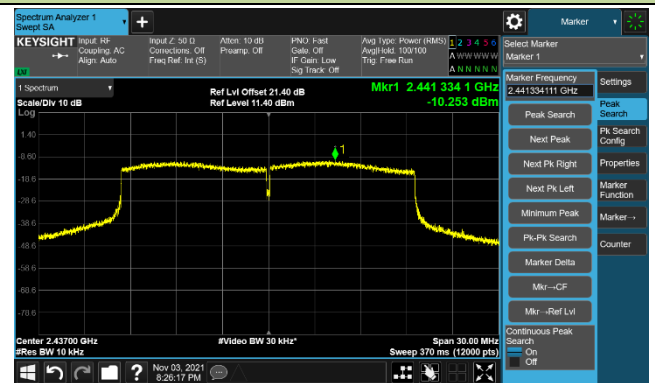


802.11ax-HE20 AVGPSPD - Ant 0

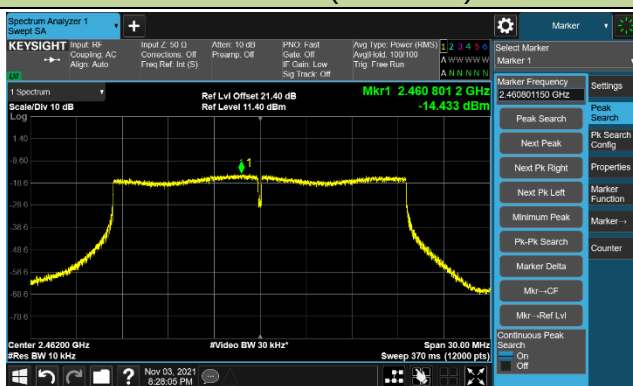
Channel 01 (2412MHz)



Channel 06 (2437MHz)

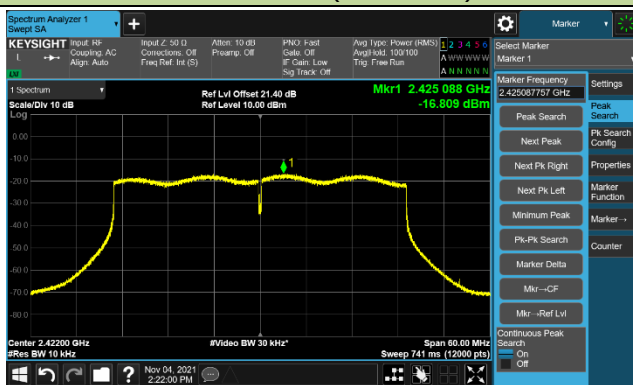


Channel 11 (2462MHz)

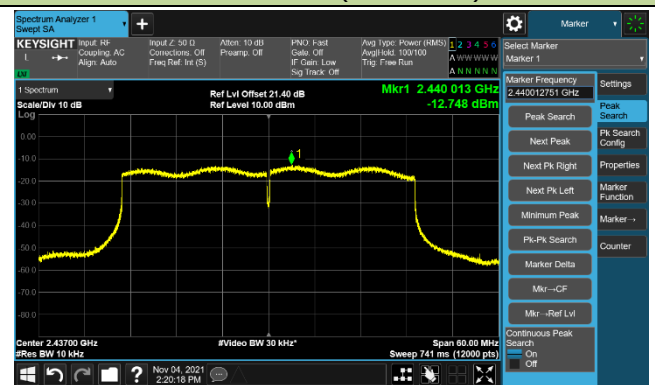


802.11ax-HE40 AVGPSPD - Ant 0

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPSPD - Ant 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)

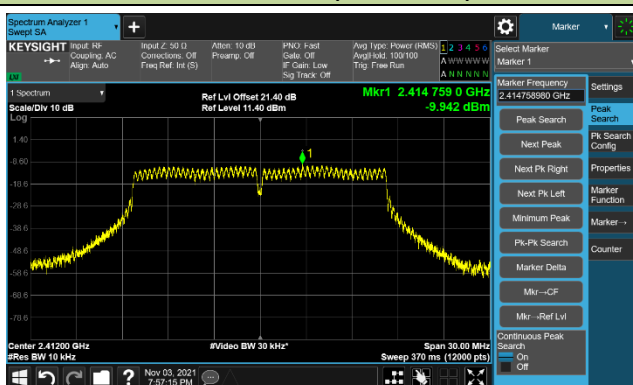


Channel 11 (2462MHz)



802.11g AVGPSPD - Ant 1

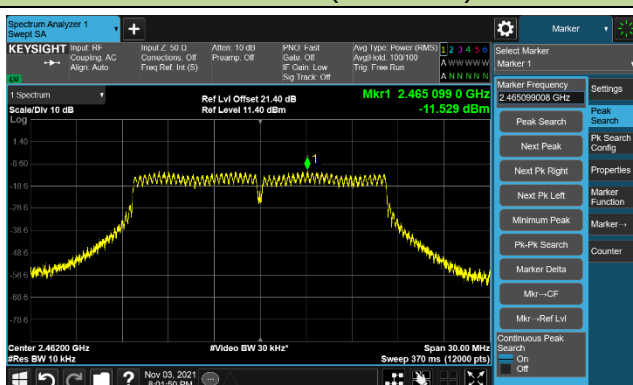
Channel 01 (2412MHz)



Channel 06 (2437MHz)

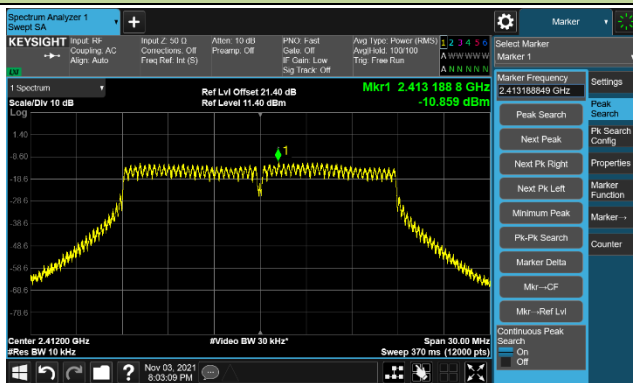


Channel 11 (2462MHz)

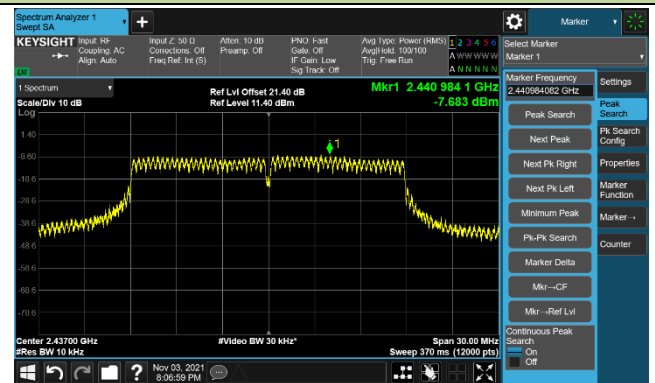


802.11n-HT20 AVGPSD - Ant 1

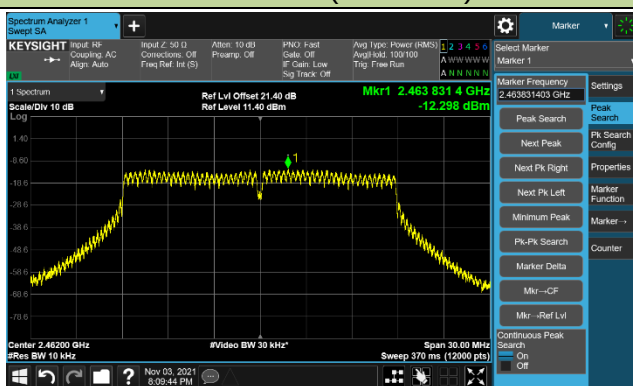
Channel 01 (2412MHz)



Channel 06 (2437MHz)

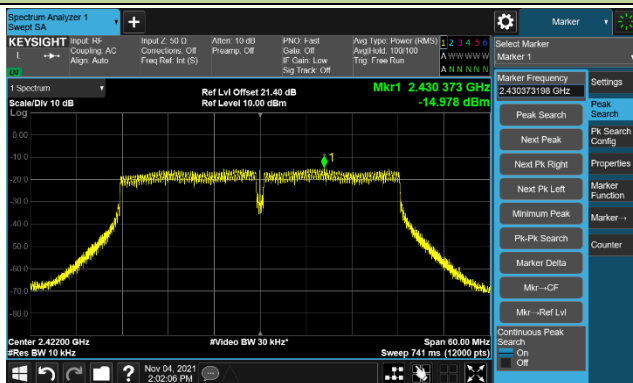


Channel 11 (2462MHz)

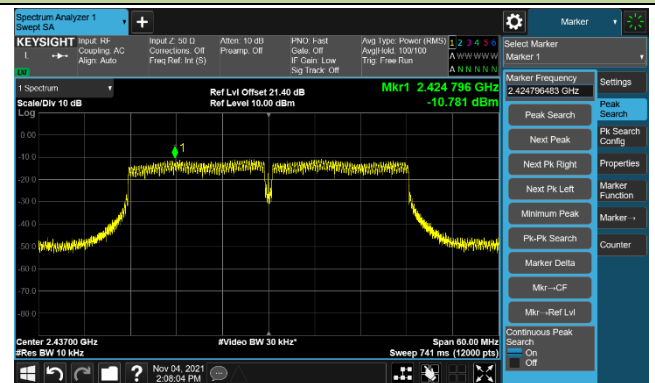


802.11n-HT40 AVGPSD - Ant 1

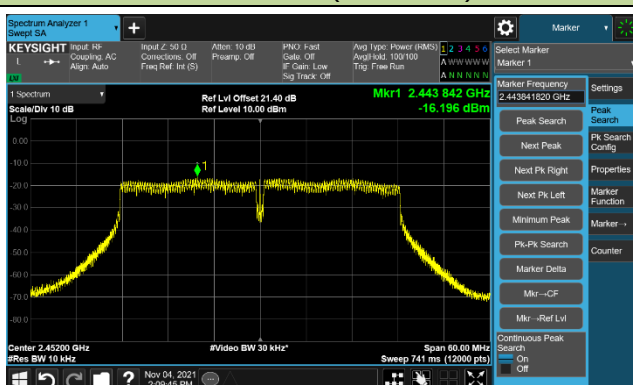
Channel 03 (2422MHz)



Channel 06 (2437MHz)

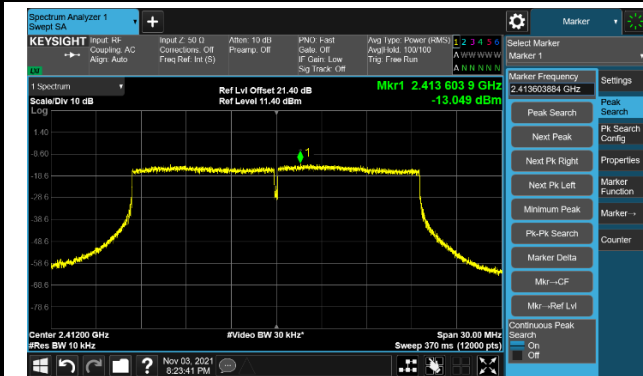


Channel 09 (2452MHz)

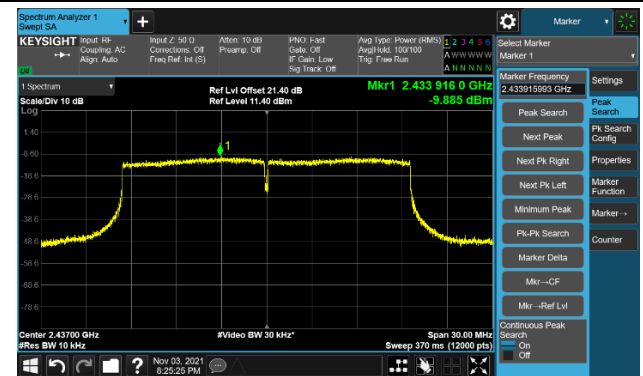


802.11ax-HE20 AVGPSPD - Ant 1

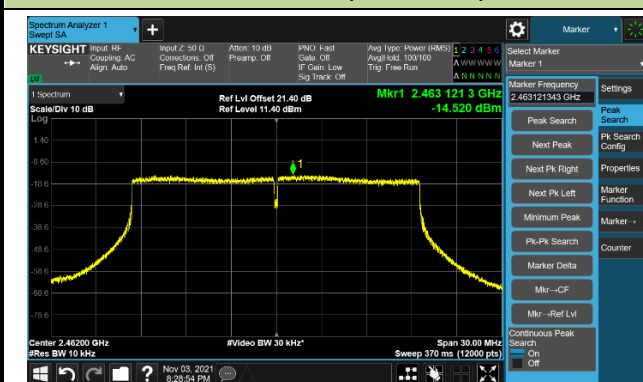
Channel 01 (2412MHz)



Channel 06 (2437MHz)

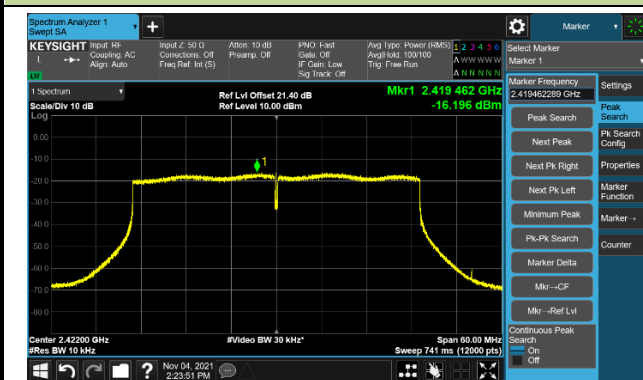


Channel 11 (2462MHz)

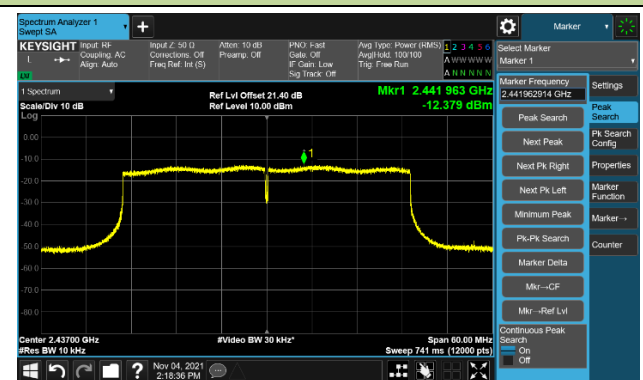


802.11ax-HE40 AVGPSPD - Ant 1

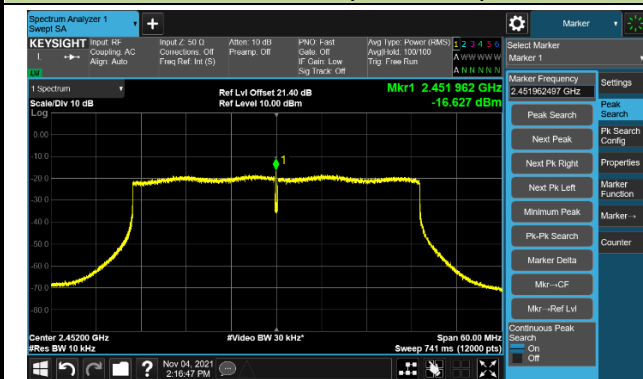
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



The End