低功率射頻器材技術規範測試報告

報告編號	**RTBDYS-WTW-P20110911A-2**
申請者	英屬蓋曼群島商防特網股份有限公司台灣分公司
產品名稱	**Secured Wireless Access Point**
型號	**FAP-U234F**
製造廠商	**Fortinet. Inc.**
商標或廠牌	**Fortinet**
該產品樣品試驗 依據之試驗標準	國家通訊傳播委員會低功率射頻器材技術規範 109 年 7 月 1 日訂定
試驗結果	合格

香港商立德國際商品試驗有限公司桃園分公司林口實驗室
日期　110 年 11 月 16 日

報告簽署人簽章:

林炳存

Testing Laboratory
2021

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報告發行紀錄

Issue No.	Description	Date Issued
RTBDYS-WTW-P20110911A-2	Original release	110 年 11 月 16 日

證 明 書

發行日期：110 年 11 月 16 日

產 品 名 稱	：	Secured Wireless Access Point
廠 牌	：	Fortinet
型 號	：	FAP-U234F
申 請 者	：	英屬蓋曼群島商防特網股份有限公司台灣分公司
量 測 規 範	：	低功率射頻器材技術規範 LP0002 (訂定日期：109 年 7 月 1 日) ANSI C63.10-2013

香港商立德國際商品試驗有限公司桃園分公司在此證明上述待測設備樣品一組(型號：FAP-U234F)，收件日期 109 年 11 月 29 日，於 109 年 12 月 25 日至 110 年 03 月 27 日，已在本公司的標準測試場地完成量測。報告中所描述之測試結果和待測設備的架構組合，均根據樣品實際的量測情況作詳實的記錄。

立德桃園分公司依**"低功率射頻器材技術規範"**及**"電信管制射頻器材審驗管理辦法"**製作測試結果報告。

特 此 證 明 ！

報告製作者：王秀眉 ，日 期：110 年 11 月 16 日

王秀眉 / 專員

審 核 者：林炳存 ，日 期：110 年 11 月 16 日

林炳存/專案工程師

香港商立德國際商品試驗有限公司桃園分公司

實驗室地址：新北市林口區嘉寶里 14 鄰 47-2 號

此份報告不得摘錄複製，除全份複製外，需經實驗室書面同意。

1 低功率射頻器材量測記錄表

申請廠商: 英屬蓋曼群島商防特網股份有限公司台灣分公司

製造廠商: Fortinet**. Inc.**

申請廠商地址: 臺北市內湖區湖元里行愛路 176 號 2 樓

廠牌: Fortinet

產品名稱: Secured Wireless Access Point

型號: FAP-U234F

量測單位名稱: 香港商立德國際商品試驗有限公司桃園分公司
林口實驗室華亞檢測部

量測單位地址: 桃園市龜山區文化里華亞二路 19 號

量測單位認可編號: TAF 2021 (9kHz~40GHz)

量測規範: 低功率射頻器材技術規範 LP0002 (訂定日期：109 年 7 月 1 日)
ANSI C63.10-2013

WLAN 2.4GHz 頻段概要

項次	量測項目	規　　範	量測結果判定
1	帶外發射	低功率射頻器材技術規範 4.10.1.5 節	合格
2	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	合格
3	6 dB 頻寬	低功率射頻器材技術規範 4.10.1.6 節	合格
4	峰值傳導輸出功率	低功率射頻器材技術規範 4.10.1.2 節	合格
5	功率頻譜密度	低功率射頻器材技術規範 4.10.1.6 節	合格

備註: 量測結果之判定不考慮量測不確定度的貢獻。

WLAN 5.150~5.250GHz頻段概要

項次	量測項目	規　　範	量測結果判定
1	電源線傳導干擾	低功率射頻器材技術規範3.3節	合格
2	帶外發射	低功率射頻器材技術規範5.7.4節	合格
3	最大傳導輸出功率	低功率射頻器材技術規範5.7.3.1節	合格
4	最大功率頻譜密度	低功率射頻器材技術規範5.7.3.1節	合格

備註: 量測結果之判定不考慮量測不確定度的貢獻。

WLAN 5.250~5.350GHz頻段概要

項次	量測項目	規　　範	量測結果判定
1	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	合格
2	帶外發射	低功率射頻器材技術規範 5.7.4 節	合格
3	最大傳導輸出功率	低功率射頻器材技術規範 5.7.3.2 節	合格
4	最大功率頻譜密度	低功率射頻器材技術規範 5.7.3.2 節	合格
5	發射功率控制(TPC)及動態頻率選擇(DFS)	低功率射頻器材技術規範 5.7.7.1 及 5.7.7.2 節	註2

備註:

1. 量測結果之判定不考慮量測不確定度的貢獻。
2. 發射功率控制(TPC)及動態頻率選擇(DFS) 報告由客戶提供。

WLAN 5.470~5.725GHz頻段概要

項次	量測項目	規　　範	量測結果判定
1	電源線傳導干擾	低功率射頻器材技術規範3.3節	合格
2	帶外發射	低功率射頻器材技術規範5.7.4節	合格
3	最大傳導輸出功率	低功率射頻器材技術規範5.7.3.2節	合格
4	最大功率頻譜密度	低功率射頻器材技術規範5.7.3.2節	合格
5	發射功率控制(TPC)及動態頻率選擇(DFS)	低功率射頻器材技術規範5.7.7.1及5.7.7.2 節	註2

備註:

1. 量測結果之判定不考慮量測不確定度的貢獻。
2. 發射功率控制(TPC)及動態頻率選擇(DFS) 報告由客戶提供。

WLAN 5.725~5.850GHz 頻段概要

項次	量測項目	規　　範	量測結果判定
1	電源線傳導干擾	低功率射頻器材技術規範3.3節	合格
2	帶外發射	低功率射頻器材技術規範5.7.4節	合格
3	最大傳導輸出功率	低功率射頻器材技術規範5.7.3.3節	合格
4	最大功率頻譜密度	低功率射頻器材技術規範5.7.3.3節	合格
5	6dB 頻寬	低功率射頻器材技術規範5.7.5節	合格

備註: 量測結果之判定不考慮量測不確定度的貢獻。

最大暴露允許值(Maximum Permissible Exposure，MPE)

項次	量測項目	規　　範	量測結果判定
1	電波暴露量	低功率射頻器材技術規範 6.20.2 節	合格

備註: 量測結果之判定不考慮量測不確定度的貢獻。

2 一般敘述

2.1 待測設備

產 品 名 稱：	Secured Wireless Access Point
型 號：	FAP-U234F
額 定 電 源：	54Vdc from POE
調 變 技 術：	CCK, DQPSK, DBPSK for DSSS 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
傳 輸 速 率：	802.11b: 11/5.5/2/1Mbps 802.11a/g: 54/48/36/24/18/12/9/6Mbps 802.11n (HT20/40): up to 300Mbps 802.11ac (VHT20/40/80): up to 866.7Mbps 802.11ax: up to 1201Mbps
載 波 頻 率：	2.4GHz: 2412 ~ 2462MHz 5GHz: 5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz & 5745 ~ 5825MHz
頻 道 數：	2.4GHz: 2412 ~ 2462MHz: 802.11b, 802.11g, 802.11n (HT20), 802.11ac (VHT20) , 802.11ax (HE20): 11 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 7 5GHz: 5180 ~ 5240MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 4 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1 5260 ~ 5320MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 4 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1 5500 ~ 5720MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 12 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 6 802.11ac (VHT80), 802.11ax (HE80): 3 5745 ~ 5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 5 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1
發 射 功 率：	見註 4
天 線 種 類：	見註 2
電 源 線 類 別：	NA
信 號 線 類 別：	NA
配 件：	見註 3
測 試 軟 體 名 稱 / 版 本：	accessMTool / V3.1.0.5

註 1: 此待測物之技術的種類為2Tx /2Rx之組合。

Radio	Modulation Mode	Beamforming Mode	TX Function
2G traffic radio (Radio 1)	802.11b	Not Support	2TX
	802.11g	Not Support	2TX
	802.11n (HT20)	Not Support	2TX
	802.11n (HT40)	Not Support	2TX
	802.11ac (VHT20)	Support	2TX
	802.11ac (VHT40)	Support	2TX
	802.11ax (HE20)	Support	2TX
	802.11ax (HE40)	Support	2TX
5G traffic radio (Radio 1)	802.11a	Not Support	2TX
	802.11n (HT20)	Not Support	2TX
	802.11n (HT40)	Not Support	2TX
	802.11ac (VHT20)	Support	2TX
	802.11ac (VHT40)	Support	2TX
	802.11ac (VHT80)	Support	2TX
	802.11ax (HE20)	Support	2TX
	802.11ax (HE40)	Support	2TX
	802.11ax (HE80)	Support	2TX
5G traffic radio (Radio 2)	802.11a	Not Support	2TX
	802.11n (HT20)	Not Support	2TX
	802.11n (HT40)	Not Support	2TX
	802.11ac (VHT20)	Support	2TX
	802.11ac (VHT40)	Support	2TX
	802.11ac (VHT80)	Support	2TX
	802.11ax (HE20)	Support	2TX
	802.11ax (HE40)	Support	2TX
	802.11ax (HE80)	Support	2TX
Scanning radio (Radio 3)	802.11b	Not Support	2TX
	802.11g	Not Support	2TX
	802.11a	Not Support	2TX
	802.11n (HT20)	Not Support	2TX
	802.11n (HT40)	Not Support	2TX
	802.11ac (VHT20)	Support	2TX
	802.11ac (VHT40)	Support	2TX
	802.11ac (VHT80)	Support	2TX
	802.11ax (HE20)	Support	2TX
	802.11ax (HE40)	Support	2TX
	802.11ax (HE80)	Support	2TX

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40/VHT80 on 802.11ac mode and HE20/HE40/HE80 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report. (最終測試模式請見註 5)

註 2: 此待測設備搭配測試的天線，其資料如下：

No.	Type	Brand	Model	Connector	Gain (dBi)						Remark
					2400MHz	2450MHz	2500MHz	5150MHz	5500MHz	5850MHz	
1	Patch Array	Senao	5718A0560300	IPEX	9.45	10.15	9.77	-	-	-	2G traffic radio (Radio 1)
2	Patch Array	Senao	5718A0560300	IPEX	9.21	10.12	10.33	-	-	-	
3	Patch Array	Senao	5718A0561300	IPEX	-	-	-	9.55	10.23	10.13	5G traffic radio (Radio 1)
4	Patch Array	Senao	5718A0561300	IPEX	-	-	-	9.87	10.39	10.82	
5	Patch Array	Senao	5718A0562300	IPEX	-	-	-	9.52	10.29	10.16	5G traffic radio (Radio 2)
6	Patch Array	Senao	5718A0562300	IPEX	-	-	-	9.79	10.21	10.54	
7	Dipole	Senao	5718A0563300	IPEX	4.21	4.23	4.64	4.56	4.00	4.12	Scanning radio (Radio 3)
8	Dipole	Senao	5718A0564300	IPEX	3.28	4.33	4.05	4.51	4.45	4.91	
9	Dipole	Senao	5718A0565300	IPEX	3.68	4.22	4.00	-	-	-	BT LE / Zigbee

*The EUT will install at outdoor area, the highest antenna gain from the horizon above 30 degrees as below, for more detail information please refer to antenna specification and user manual.

Item	Antenna gain	Antenna install degree
Radio 2 Band 1	-0.91 dBi	
Radio 3 Band 1	4.02 dBi	

* Due to device Will restriced installation position as above photo, thus consider to above 30 degrees highest antenna gain are chosen from XY and XZ Plane (antenna specification of 30~150 dug)
* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

*上述天線的規格資訊由申請者聲明，實驗室不承擔任何責任。

註 3: 此產品搭配使用之配件如下：

*本案經申請者提供隨貨配件與實驗室提供的測試配件併同檢測。產品、及隨貨配件之照片請參照 BV CPS 報告編號：BDYS-WTW-P20110911，測試設置照片請參照 BV CPS 報告編號：RTBDYS-WTW-P20110911A_TSup。

隨貨配件			
配件	廠牌/製造商	型號	規格
POE – 隨貨配件	SENAO	EPA5006GPR-4P	Input: 100-240Vac, 50-60Hz, 0.8A Output: 54Vdc, 0.6A
AC Cord 500mm	I-SHENG	SP-30+IS-034	0.5M, non-shielding
WIRE GEN AWG10 1.75m GRN LFP	BO YAO	7021A0021810	1.75M, non-shielding

註 4: 發射功率如下

Frequency Band (MHz)	Mode	發射功率 (dBm)							
		2G traffic radio (Radio 1)		5G traffic radio (Radio 1)		5G traffic radio (Radio 2)		Scanning radio (Radio 3)	
		CDD	Beamforming	CDD	Beamforming	CDD	Beamforming	CDD	Beamforming
2412 ~ 2462MHz	802.11b	23.12	-	-	-	-	-	28.16	-
	802.11g	25.61	-	-	-	-	-	24.98	-
	802.11n (HT20)	24.00	-	-	-	-	-	23.75	-
	802.11n (HT40)	21.41	-	-	-	-	-	20.79	-
	802.11ac (VHT20)	24.09	21.08	-	-	-	-	23.82	20.81
	802.11ac (VHT40)	21.52	18.51	-	-	-	-	20.90	17.89
	802.11ax (HE20)	24.18	21.17	-	-	-	-	23.93	20.92
	802.11ax (HE40)	21.61	18.60	-	-	-	-	21.01	18.00
5180 ~ 5240MHz (Outdoor Access Point)	802.11a	-	-	-	-	21.58	-	16.89	-
	802.11n (HT20)	-	-	-	-	21.47	-	16.73	-
	802.11n (HT40)	-	-	-	-	21.21	-	16.74	-
	802.11ac (VHT20)	-	-	-	-	21.57	18.56	16.85	13.84
	802.11ac (VHT40)	-	-	-	-	21.29	18.28	16.86	13.85
	802.11ac (VHT80)	-	-	-	-	18.79	15.78	16.71	13.70
	802.11ax (HE20)	-	-	-	-	21.71	18.70	16.96	13.95
	802.11ax (HE40)	-	-	-	-	21.45	18.44	16.97	13.96
	802.11ax (HE80)	-	-	-	-	18.90	15.89	16.84	13.83
5180 ~ 5240MHz (Indoor Access Point)	802.11a	-	-	-	-	21.58	-	25.38	-
	802.11n (HT20)	-	-	-	-	21.47	-	24.93	-
	802.11n (HT40)	-	-	-	-	22.34	-	23.88	-
	802.11ac (VHT20)	-	-	-	-	21.57	18.56	25.03	22.02
	802.11ac (VHT40)	-	-	-	-	22.88	19.87	23.98	20.97
	802.11ac (VHT80)	-	-	-	-	18.79	15.78	19.92	16.91
	802.11ax (HE20)	-	-	-	-	21.71	18.70	25.17	22.16
	802.11ax (HE40)	-	-	-	-	22.98	19.97	24.08	21.07
	802.11ax (HE80)	-	-	-	-	18.90	15.89	20.02	17.01
5260 ~ 5320MHz	802.11a	-	-	-	-	13.84	-	19.53	-
	802.11n (HT20)	-	-	-	-	14.29	-	19.63	-
	802.11n (HT40)	-	-	-	-	17.58	-	23.07	-
	802.11ac (VHT20)	-	-	-	-	14.37	11.36	19.71	16.69
	802.11ac (VHT40)	-	-	-	-	17.63	14.62	23.12	20.11
	802.11ac (VHT80)	-	-	-	-	18.20.	15.19	18.90	15.89
	802.11ax (HE20)	-	-	-	-	14.43	11.42	19.77	16.76
	802.11ax (HE40)	-	-	-	-	17.70	14.69	23.22	20.21
	802.11ax (HE80)	-	-	-	-	18.29	15.28	18.97	15.96

Frequency Band (MHz)	Mode	發射功率 (dBm)							
		2G traffic radio (Radio 1)		5G traffic radio (Radio 1)		5G traffic radio (Radio 2)		Scanning radio (Radio 3)	
		CDD	Beamforming	CDD	Beamforming	CDD	Beamforming	CDD	Beamforming
5500 ~ 5720MHz	802.11a	-	-	14.22	-	15.39	-	20.06	-
	802.11n (HT20)	-	-	15.00	-	15.09	-	19.56	-
	802.11n (HT40)	-	-	18.38	-	17.31	-	22.13	-
	802.11ac (VHT20)	-	-	15.05	12.06	15.15	12.14	19.59	16.60
	802.11ac (VHT40)	-	-	18.44	15.44	17.35	14.34	22.18	19.18
	802.11ac (VHT80)	-	-	18.92	15.92	19.30	16.29	20.98	17.98
	802.11ax (HE20)	-	-	15.14	12.13	15.22	12.21	19.68	16.67
	802.11ax (HE40)	-	-	18.52	15.51	17.44	14.43	22.26	19.25
	802.11ax (HE80)	-	-	19.00	15.99	19.38	16.37	21.06	18.05
5745 ~ 5825MHz	802.11a	-	-	25.08	-	25.30	-	24.67	-
	802.11n (HT20)	-	-	24.96	-	25.23	-	24.83	-
	802.11n (HT40)	-	-	24.78	-	25.23	-	25.02	-
	802.11ac (VHT20)	-	-	25.06	22.05	25.30	22.29	24.78	21.77
	802.11ac (VHT40)	-	-	24.90	21.89	25.35	22.34	25.11	22.10
	802.11ac (VHT80)	-	-	22.52	19.51	21.72	18.71	21.38	18.37
	802.11ax (HE20)	-	-	25.15	22.14	25.38	22.37	24.90	21.89
	802.11ax (HE40)	-	-	24.96	21.95	25.42	22.41	25.20	22.19
	802.11ax (HE80)	-	-	22.61	19.60	21.84	18.83	21.44	18.43

註 5: 此報告中，經過評估後以下列測試模式進行最終量測。

載波頻率	量測項目	發射	接收
2412 ~ 2462MHz			
場強輻射量測	1GHz 以上量測	2G traffic radio: 802.11b: Ch 1, 6, 11 802.11g: Ch 1, 6, 11 802.11ax (HE20): Ch 1, 6, 11 802.11ax (HE40) Ch 3, 6, 9 Scanning radio: 802.11b: Ch 1, 6, 11 802.11g: Ch 1, 6, 11 802.11n (HT20): Ch 1, 6, 11 802.11n (HT40): Ch 3, 6, 9	2G traffic radio: 802.11g: Ch 6 Scanning radio: 802.11b: Ch 6
	其它不必要之訊號	2G traffic radio: 802.11g: Ch 6 Scanning radio: 802.11b: Ch 6	
電源線傳導干擾		2G traffic radio: 802.11g: Ch 6 Scanning radio: 802.11b: Ch 6	
5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz & 5745 ~ 5825MHz			
場強輻射量測	1GHz 以上量測	5G traffic radio 1: 802.11a: Ch 100, 116, 140, 144, 149, 157, 165 802.11ax (HE20): Ch 100, 116, 140, 144, 149, 157, 165 802.11ax (HE40): Ch102, 110, 134, 142, 151, 159 802.11ax (HE80): Ch 106, 122,138, 155 5G traffic radio 2: 802.11a: Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11ax (HE20): Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11ax (HE40): Ch 38, 46, 54, 62, 102, 110, 134, 142, 151, 159 802.11ax (HE80): Ch 42, 58, 106, 122,138, 155 Scanning radio: 802.11a: Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11ax (HE20): Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11ax (HE40): Ch 38, 46, 54, 62, 102, 110, 134, 142, 151, 159 802.11ax (HE80): Ch 42, 58, 106, 122,138, 155	5G traffic radio 1: 802.11ax (HE20): Ch140 5G traffic radio 2: 802.11ax (HE80): Ch106 Scanning radio: 802.11a: Ch 116
	其它不必要之訊號	5G traffic radio 1: 802.11ax (HE20): Ch140	

		5G traffic radio 2: 802.11ax (HE80): Ch106 Scanning radio: 802.11a: Ch 116
電源線傳導干擾		5G traffic radio 1: 802.11ax (HE20): Ch140 5G traffic radio 2: 802.11ax (HE80): Ch106 Scanning radio: 802.11a: Ch 116

註 6: The simultaneous operation mode was determined by client.

No	Mode
1	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5.0G Scanning radio (Radio 3) + BLE
2	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 2.4G Scanning radio (Radio 3) + BLE
3	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5.0G Scanning radio (Radio 3) + BLE
4	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5.0G Scanning radio (Radio 3) + Zigbee
5	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 2.4G Scanning radio (Radio 3) + Zigbee
6	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5.0G Scanning radio (Radio 3) + Zigbee

* 5GHz traffic radio (Radio 2) and 5G Scanning radio (Radio 3) cannot transmit in the same band at same time. 2G traffic radio (Radio 1) and 2G Scanning radio (Radio 3) cannot transmit at same time.
* 5GHz traffic radio (Radio1) and 5GHz traffic radio (Radio2) cannot transmit at the same time in the UNII-3 band.
* Zigbee and BT technologies cannot transmit at same time.
* Spurious emission of the simultaneous operation has been evaluated and no non-compliance was found.

註 7: 此報告中傳輸模式，場強輻射量測及電源線傳導干擾量測之外的測試項目，以DSSS調變技術和OFDM調變技術分別進行測試並記錄最終量測結果於報告中。

註 8: 此待測設備，經預測試三個正交軸方位評估測試擺設方式：平躺、側放、垂直，以垂直為最大干擾值之位置，故以此最大干擾值之擺放方式進行最終量測，並將測試結果紀錄。

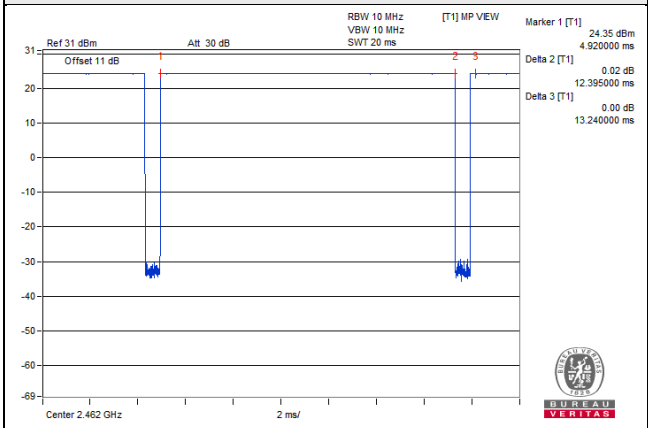
註 9: 此待測設備可於供室內或室外操作使用，因室內模式輸出功率較大，故除了輸出功率於 5.15 GHz ~ 5.25 GHz 操作頻帶時，以待測物所支援的室內及室外模式分別進行量測之外，其餘測試項目皆以室內模內進行最終量測。

註 10: Duty cycle of test signal.

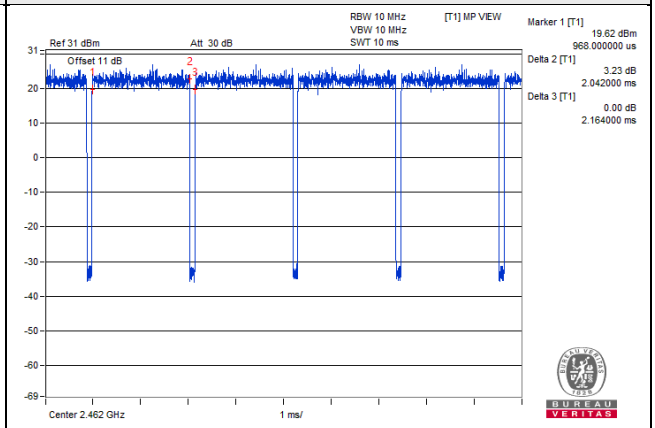
2G traffic radio (Radio 1)

802.11b: Duty cycle = 12.395/13.24 = 0.936, Duty factor = 10 * log (1/0.936) = 0.29
802.11g: Duty cycle = 2.042/2.164 = 0.944, Duty factor = 10 * log (1/0.944) = 0.25
802.11ax (HE20): Duty cycle = 1.472/1.527 = 0.964, Duty factor = 10 * log (1/0.964) = 0.16
802.11ax (HE40): Duty cycle = 0.774/0.813 = 0.952, Duty factor = 10 * log (1/0.952) = 0.21

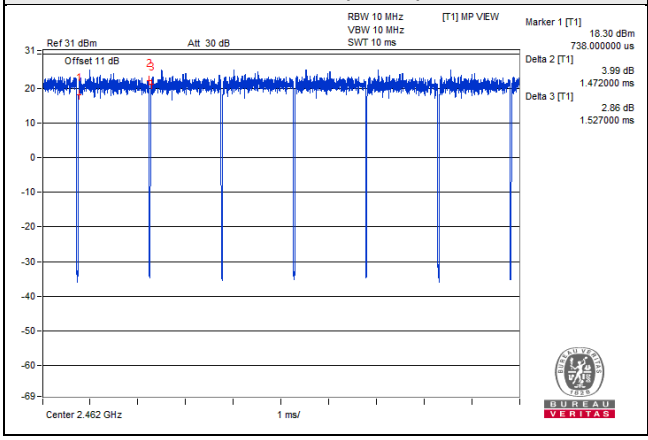
802.11b



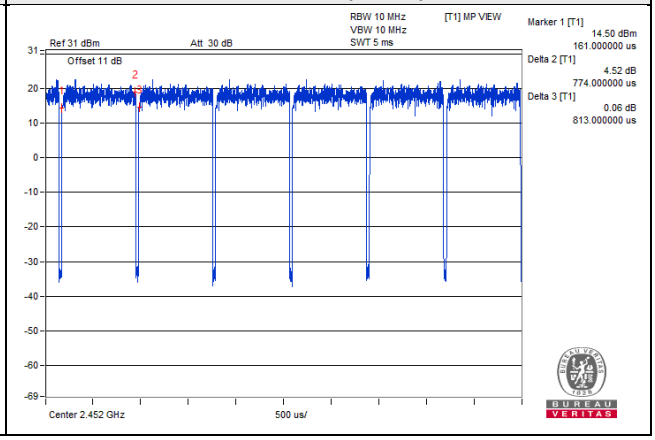
802.11g



802.11ax (HE20)



802.11ax (HE40)



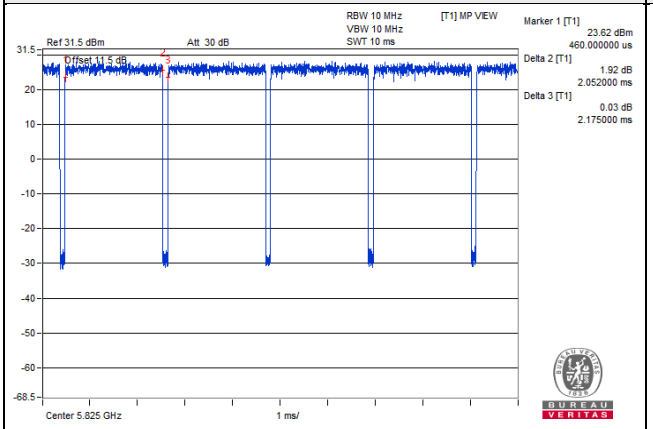
5G traffic radio (Radio 1)

Duty cycle of test signal is < 98%, duty factor is required.

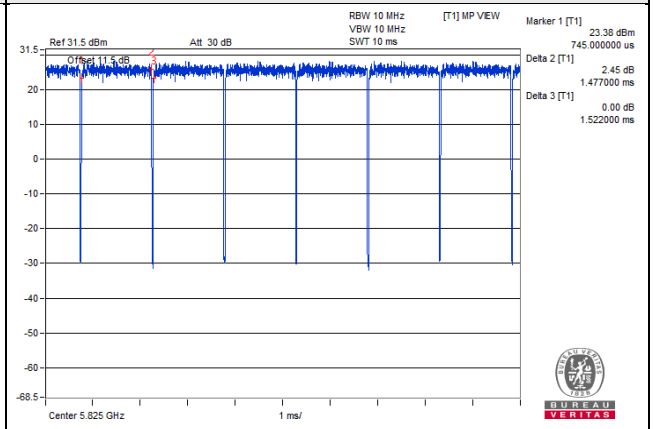
5180 ~ 5240MHz, 5745 ~ 5825MHz Band:

802.11a: Duty cycle = 2.052/2.175 = 0.943, Duty factor = 10 * log (1/0.943) = 0.25
802.11ax (HE20): Duty cycle = 1.477/1.522 = 0.97, Duty factor = 10 * log (1/0.97) = 0.13
802.11ax (HE40): Duty cycle = 0.769/0.815 = 0.944, Duty factor = 10 * log (1/0.944) = 0.25
802.11ax (HE80): Duty cycle = 0.41/0.447 = 0.917, Duty factor = 10 * log (1/0.917) = 0.38

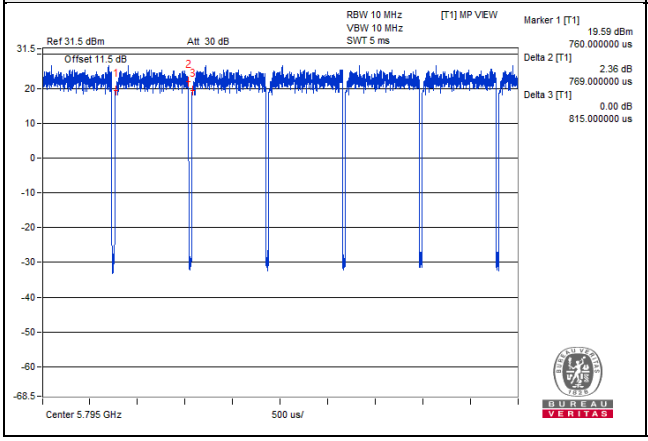
802.11a



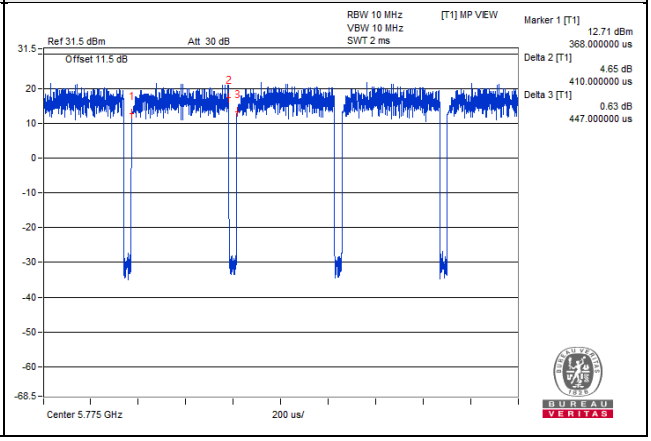
802.11ax (HE20)



802.11ax (HE40)

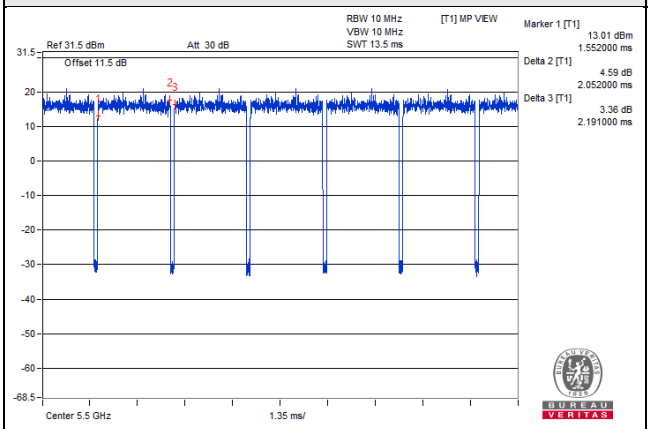


802.11ax (HE80)

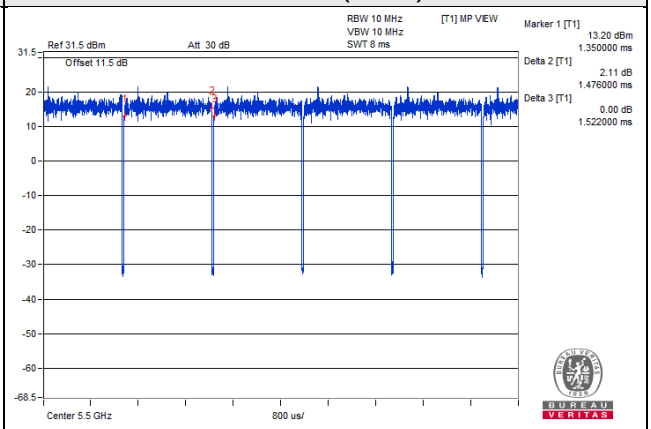


5260 ~ 5320MHz, 5500 ~ 5720MHz Band:
802.11a: Duty cycle = 2.052/2.191 = 0.937, Duty factor = 10 * log (1/0.937) = 0.28
802.11ax (HE20): Duty cycle = 1.476/1.522 = 0.97, Duty factor = 10 * log (1/0.97) = 0.13
802.11ax (HE40): Duty cycle = 0.775/0.813 = 0.953, Duty factor = 10 * log (1/0.953) = 0.21
802.11ax (HE80): Duty cycle = 0.407/0.445 = 0.915, Duty factor = 10 * log (1/0.915) = 0.39

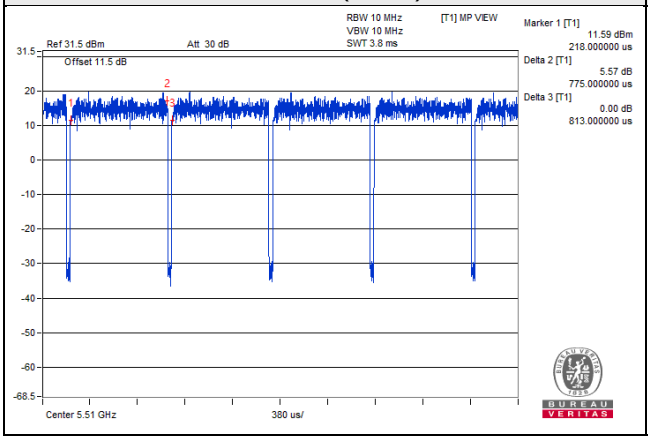
802.11a



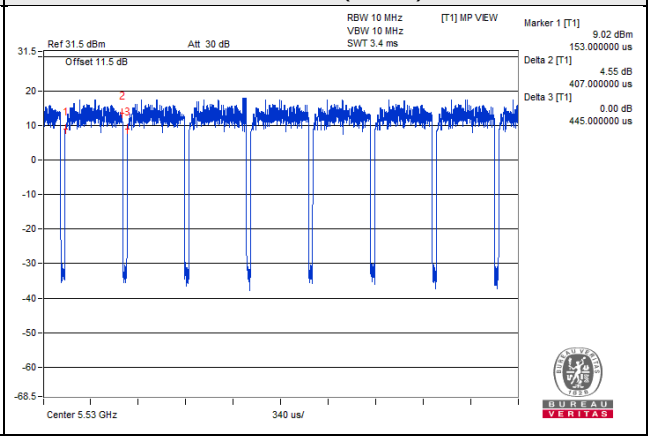
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



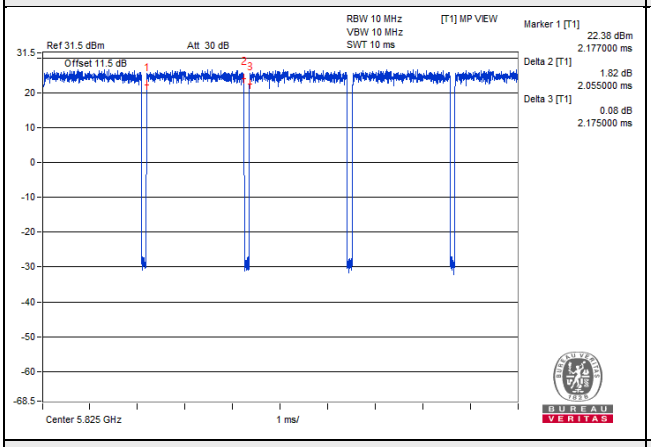
5G traffic radio (Radio 2)

5180 ~ 5240MHz, 5745 ~ 5825MHz Band:

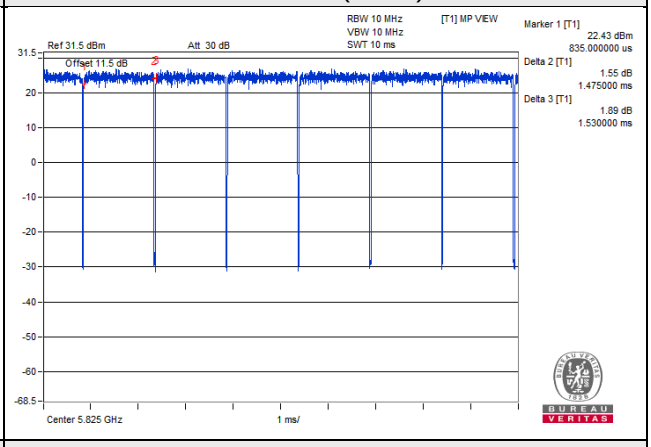
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.055/2.175 = 0.945, Duty factor = 10 * log (1/0.945) = 0.25
802.11ax (HE20): Duty cycle = 1.475/1.53 = 0.964, Duty factor = 10 * log (1/0.964) = 0.16
802.11ax (HE40): Duty cycle = 0.772/0.813 = 0.950, Duty factor = 10 * log (1/0.950) = 0.22
802.11ax (HE80): Duty cycle = 0.411/0.446 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

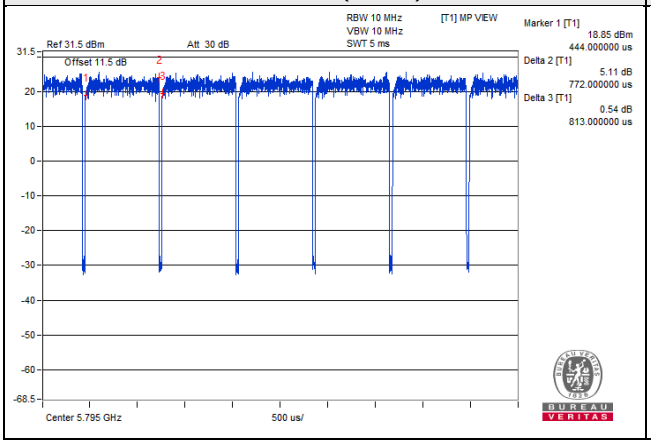
802.11a



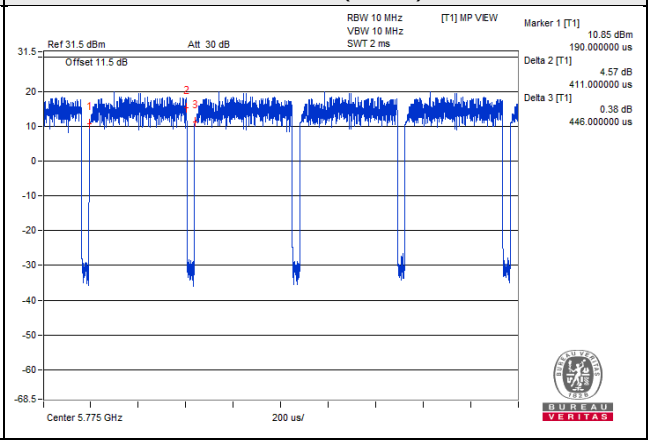
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)

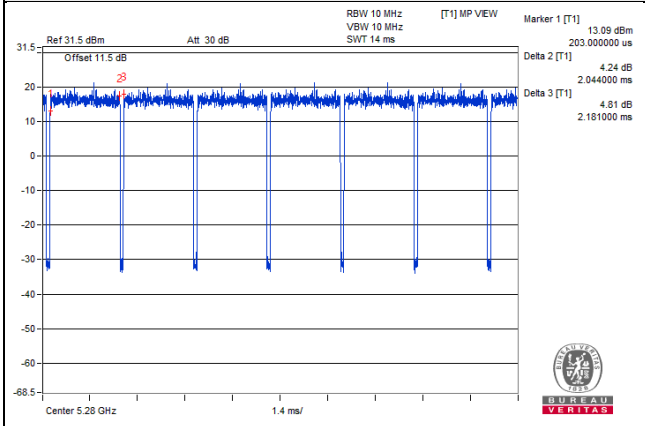


5260 ~ 5320MHz, 5500 ~ 5720MHz Band:

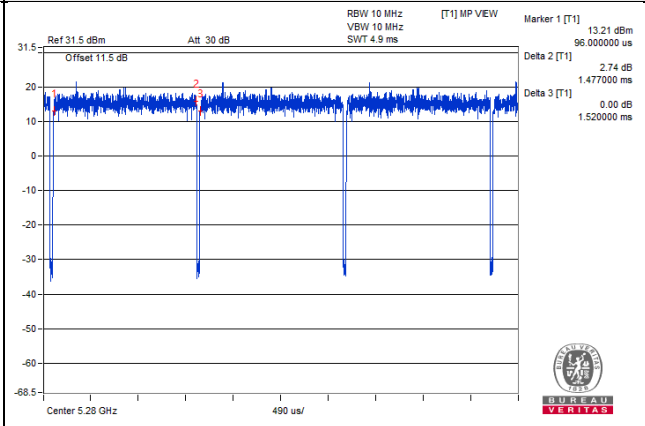
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.044/2.181 = 0.937, Duty factor = 10 * log (1/0.937) = 0.28
802.11ax (HE20): Duty cycle = 1.477/1.52 = 0.972, Duty factor = 10 * log (1/0.972) = 0.12
802.11ax (HE40): Duty cycle = 0.776/0.815 = 0.952, Duty factor = 10 * log (1/0.952) = 0.21
802.11ax (HE80): Duty cycle = 0.408/0.450 = 0.907, Duty factor = 10 * log (1/0.907) = 0.43

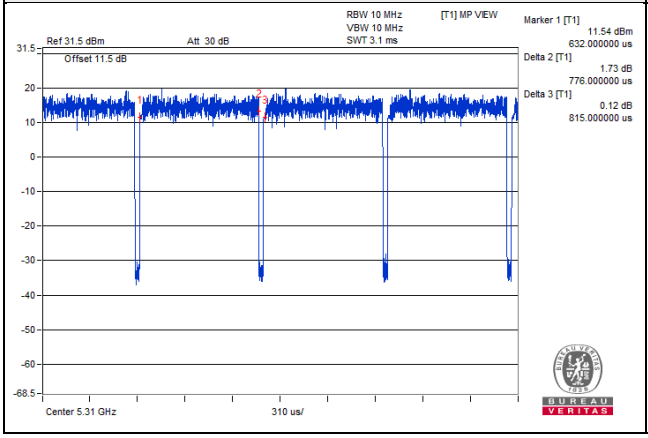
802.11a



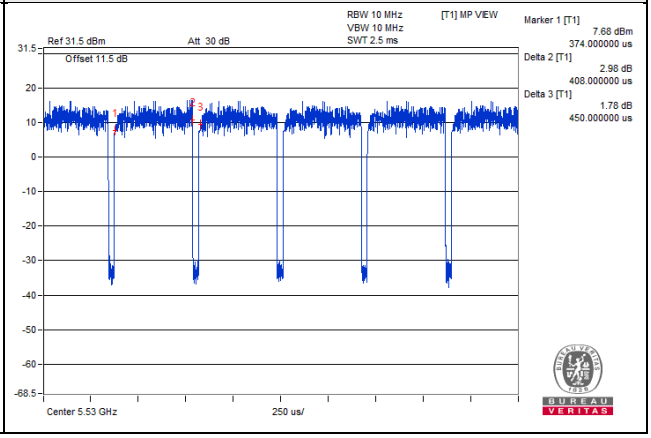
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



Scanning radio (Radio 3)

2412 ~ 2462MHz Band:

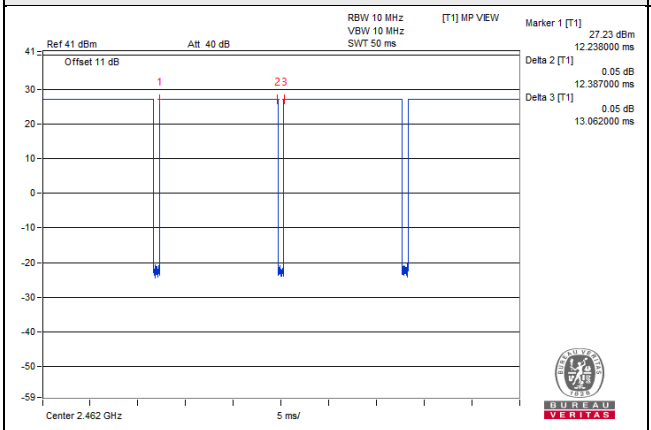
802.11b: Duty cycle = 12.387/13.062 = 0.946, Duty factor = 10 * log (1/0.946) = 0.23

802.11g: Duty cycle = 2.053/2.19 = 0.937, Duty factor = 10 * log (1/0.937) = 0.28

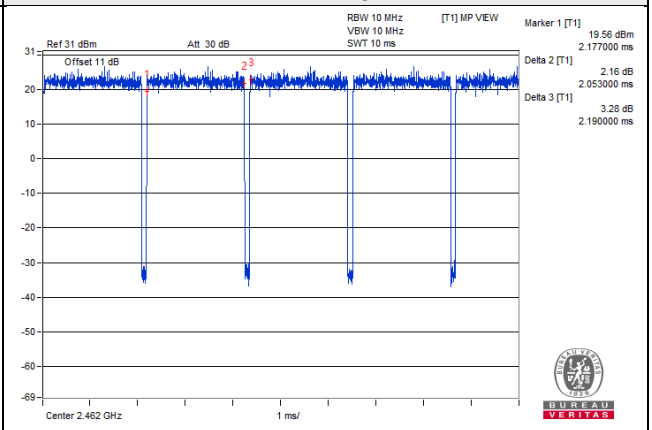
802.11ax (HE20): Duty cycle = 1.477/1.527 = 0.967, Duty factor = 10 * log (1/0.967) = 0.14

802.11ax (HE40): Duty cycle = 0.777/0.818 = 0.95, Duty factor = 10 * log (1/0.95) = 0.22

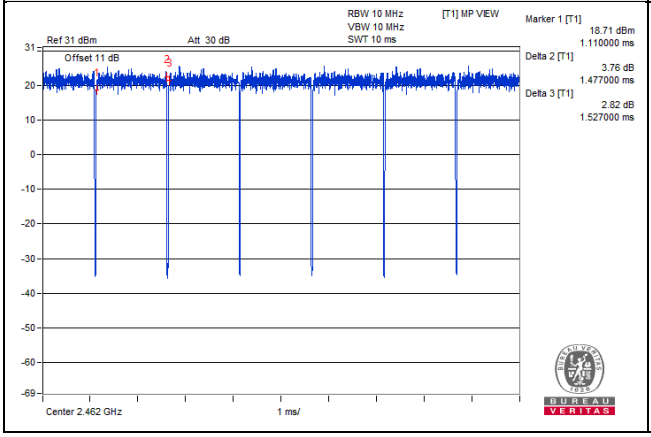
802.11b



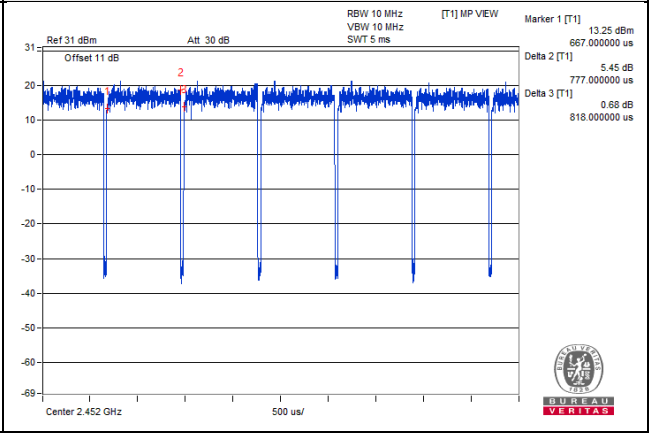
802.11g



802.11ax (HE20)



802.11ax (HE40)

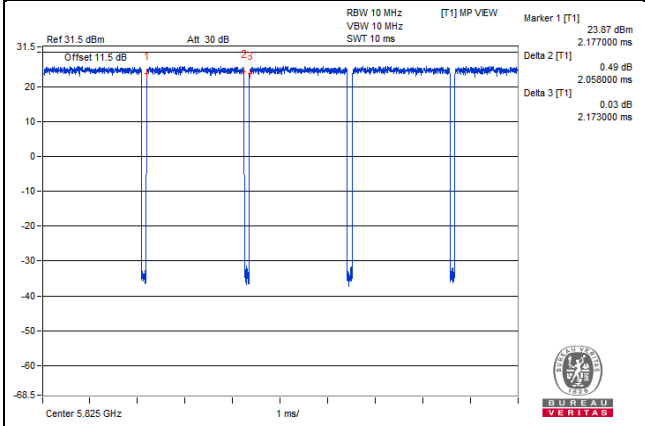


5180 ~ 5240MHz, 5745 ~ 5825MHz Band:

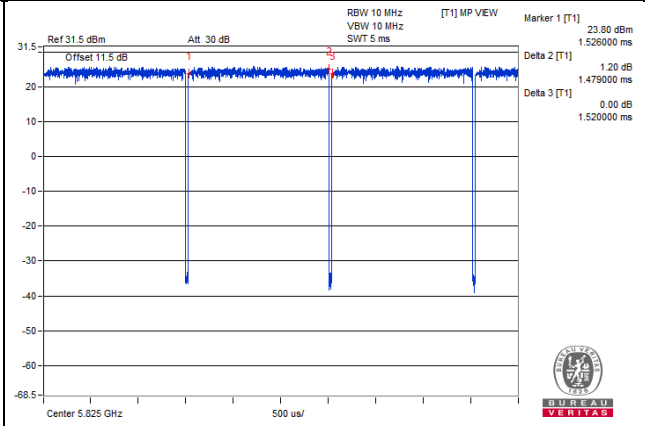
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.058/2.173 = 0.947, Duty factor = 10 * log (1/0.947) = 0.24
802.11ax (HE20): Duty cycle = 1.479/1.52 = 0.973, Duty factor = 10 * log (1/0.973) = 0.12
802.11ax (HE40): Duty cycle = 0.773/0.816 = 0.947, Duty factor = 10 * log (1/0.947) = 0.24
802.11ax (HE80): Duty cycle = 0.409/0.447 = 0.915, Duty factor = 10 * log (1/0.915) = 0.39

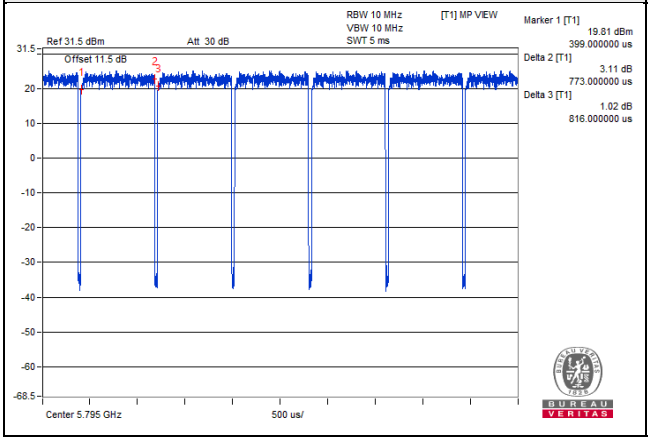
802.11a



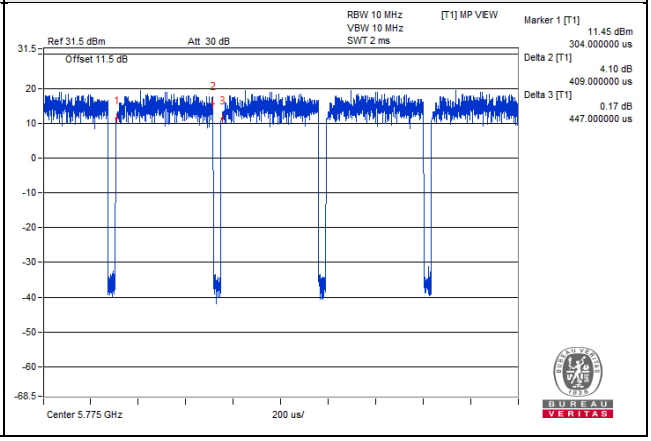
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



5260 ~ 5320MHz, 5500 ~ 5720MHz Band:

Duty cycle of test signal is < 98%, duty factor is required.

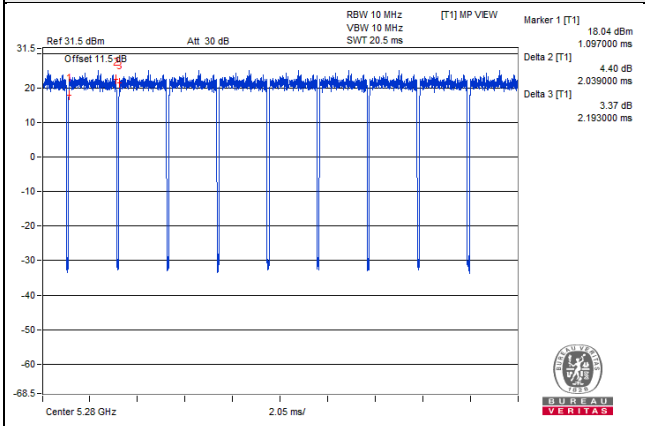
802.11a: Duty cycle = 2.039/2.193 = 0.93, Duty factor = 10 * log (1/0.93) = 0.32

802.11ax (HE20): Duty cycle = 1.468/1.52 = 0.966, Duty factor = 10 * log (1/0.966) = 0.15

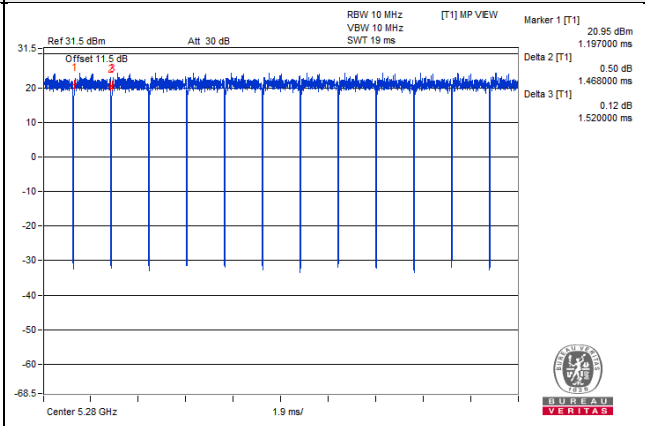
802.11ax (HE40): Duty cycle = 0.778/0.812 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19

802.11ax (HE80): Duty cycle = 0.411/0.453 = 0.907, Duty factor = 10 * log (1/0.907) = 0.42

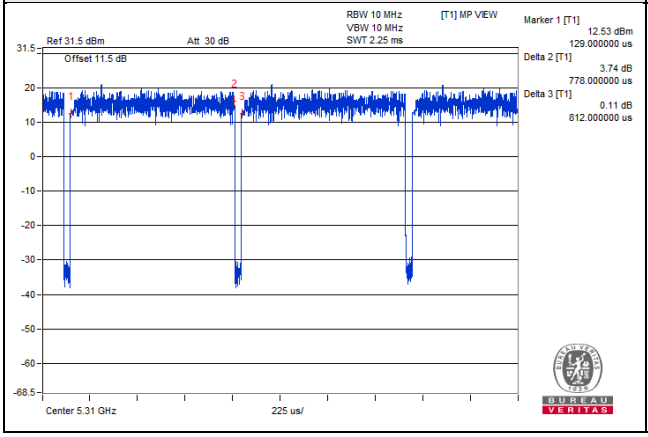
802.11a



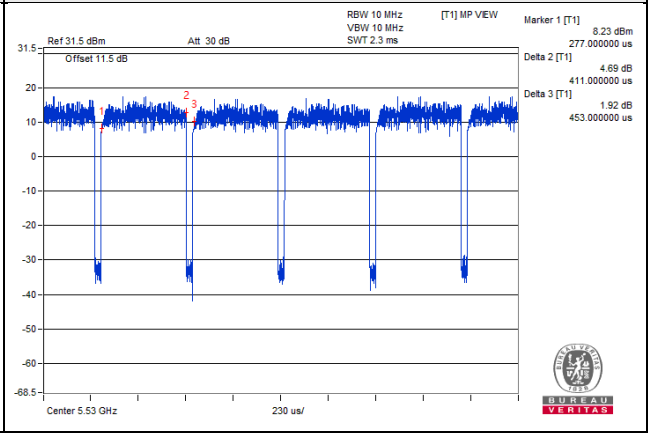
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



註 **11:** Power Setting as below.

WLAN 2.4G

Radio 1									
CDD Mode									
	802.11b	802.11g	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
CH 1	80	74	71	71	71	CH 3	69	69	69
CH 6	82	90	87	87	87	CH 6	76	76	76
CH 11	84	72	68	68	68	CH 9	70	70	70
Beamforming Mode									
	802.11ac (VHT20)			802.11ax (HE20)			802.11ac (VHT40)		802.11ax (HE40)
CH 1	59			59		CH 3	57		57
CH 6	75			75		CH 6	64		64
CH 11	56			56		CH 9	58		58
Radio 3									
CDD Mode									
	802.11b	802.11g	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
CH 1	98	78	73	73	73	CH 3	73	73	73
CH 6	100	92	86	86	86	CH 6	74	74	74
CH 11	95	73	70	70	70	CH 9	66	66	66
Beamforming Mode									
	802.11ac (VHT20)			802.11ax (HE20)			802.11ac (VHT40)		802.11ax (HE40)
CH 1	61			61		CH 3	61		61
CH 6	74			74		CH 6	62		62
CH 11	58			58		CH 9	54		54

WLAN 5G

Power Setting as below.

Radio 1						
CDD Mode						
	802.11a	802.11n (HT20) / 802.11ac (VHT20) / 802.11ax (HE20)		802.11n (HT40) / 802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)
CH 100	47	48	CH 102	60	CH 106	62
CH 116	43	44	CH 110	58	CH 122	60
CH 140	45	46	CH 134	58	CH 138	64
CH 144	46	47	CH 142	58	CH 155	80
CH 149	90	89	CH 151	88		
CH 157	90	89	CH 159	88		
CH 165	92	91				
Beamforming Mode						
	802.11ac (VHT20) / 802.11ax (HE20)		802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)	
CH 100	36	CH 102	48	CH 106	50	
CH 116	32	CH 110	46	CH 122	48	
CH 140	34	CH 134	46	CH 138	52	
CH 144	35	CH 142	46	CH 155	68	
CH 149	77	CH 151	76			
CH 157	77	CH 159	76			
CH 165	79					

Radio 2

CDD Mode

	802.11a	802.11n (HT20) / 802.11ac (VHT20) / 802.11ax (HE20)		802.11n (HT40) / 802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)
CH 36	20	20	CH 38	34	CH 42	35
CH 40	20	20	CH 46	36	CH 58	33
CH 48	20	20	CH 54	38	CH 106	57
CH 52	39	38	CH 62	36	CH 122	66
CH 60	36	38	CH 102	57	CH 138	66
CH 64	37	39	CH 110	57	CH 155	76
CH 100	48	48	CH 134	58		
CH 116	47	48	CH 142	58		
CH 140	47	47	CH 151	90		
CH 144	47	48	CH 159	90		
CH 149	92	92				
CH 157	90	90				
CH 165	92	92				

Beamforming Mode

	802.11ac (VHT20) / 802.11ax (HE20)		802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)
CH 36	8	CH 38	22	CH 42	23
CH 40	8	CH 46	24	CH 58	21
CH 48	8	CH 54	26	CH 106	45
CH 52	26	CH 62	24	CH 122	54
CH 60	26	CH 102	45	CH 138	54
CH 64	27	CH 110	45	CH 155	64
CH 100	36	CH 134	46		
CH 116	36	CH 142	46		
CH 140	35	CH 151	78		
CH 144	36	CH 159	78		
CH 149	80				
CH 157	80				
CH 165	80				

Radio 3

CDD Mode

	802.11a	802.11n (HT20) / 802.11ac (VHT20) / 802.11ax (HE20)		802.11n (HT40) / 802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)
CH 36	44	44	CH 38	55	CH 42	56
CH 40	44	44	CH 46	55	CH 58	53
CH 48	44	44	CH 54	54	CH 106	62
CH 52	55	53	CH 62	54	CH 122	68
CH 60	60	59	CH 102	60	CH 138	80
CH 64	59	59	CH 110	71	CH 155	65
CH 100	62	60	CH 134	62		
CH 116	67	67	CH 142	81		
CH 140	56	54	CH 151	82		
CH 144	67	68	CH 159	92		
CH 149	92	92				
CH 157	92	92				
CH 165	92	92				

Beamforming Mode

	802.11ac (VHT20) / 802.11ax (HE20)		802.11ac (VHT40) / 802.11ax (HE40)		802.11ac (VHT80) / 802.11ax (HE80)
CH 36	32	CH 38	43	CH 42	44
CH 40	32	CH 46	43	CH 58	41
CH 48	32	CH 54	42	CH 106	50
CH 52	41	CH 62	42	CH 122	56
CH 60	47	CH 102	48	CH 138	68
CH 64	47	CH 110	59	CH 155	53
CH 100	48	CH 134	50		
CH 116	55	CH 142	69		
CH 140	42	CH 151	70		
CH 144	56	CH 159	80		
CH 149	80				
CH 157	80				
CH 165	80				

此裝置各頻道的中心頻率如下：

2.4 GHz 頻段:

802.11b, 802.11g, 802.11n (HT20), 802.11n (VHT20), 802.11ax (HE20):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
01	2412	08	2447
02	2417	09	2452
03	2422	10	2457
04	2427	11	2462
05	2432		
06	2437		
07	2442		

802.11n (HT40), 802.11n (VHT40), 802.11ax (HE40):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
03	2422	07	2442
04	2427	08	2447
05	2432	09	2452
06	2437		

5GHz 頻段:

802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
36	5180 MHz	120	5600 MHz
40	5200 MHz	124	5620 MHz
44	5220 MHz	128	5640 MHz
48	5240 MHz	132	5660 MHz
52	5260 MHz	136	5680 MHz
56	5280 MHz	140	5700 MHz
60	5300 MHz	144	5720 MHz
64	5320 MHz	149	5745 MHz
100	5500 MHz	153	5765 MHz
104	5520 MHz	157	5785 MHz
108	5540 MHz	161	5805 MHz
112	5560 MHz	165	5825 MHz
116	5580 MHz		

802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
38	5190 MHz	118	5590 MHz
46	5230 MHz	126	5630 MHz
54	5270 MHz	134	5670 MHz
62	5310 MHz	142	5710 MHz
102	5510 MHz	151	5755 MHz
110	5550 MHz	159	5795 MHz

802.11ac (VHT80), 802.11ax (HE80):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
42	5210 MHz	122	5610 MHz
58	5290 MHz	138	5690 MHz
106	5530 MHz	155	5775 MHz

詳細之規格請參考使用說明書，產品的照片請參照BV CPS報告編號：BDYS-WTW-P20110911。

2.2 輔助測試之週邊設備描述

待測設備於受測時均接上其所屬的配件或一般用途之相關設備；下列輔助設備或配件測試中所使用的配備，以形成一個代表待測物實際運作的受測系統。

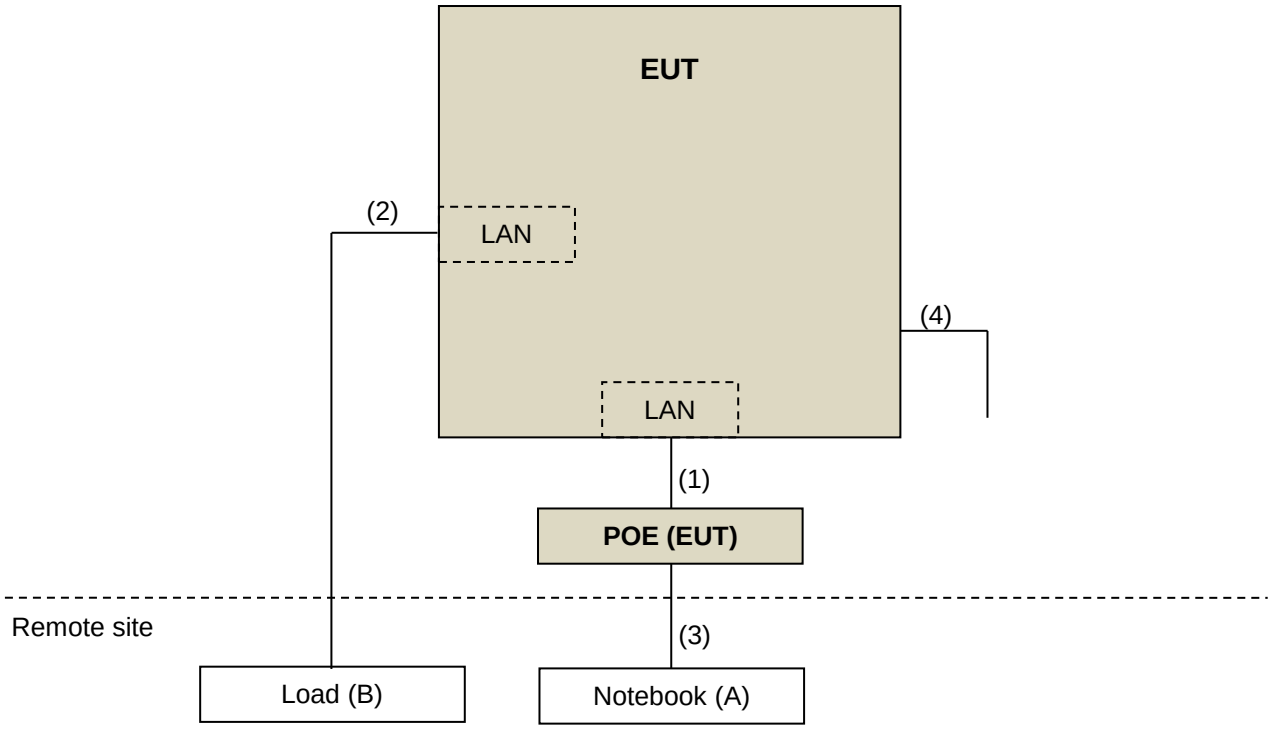
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook	DELL	E5410	1HC2XM1	FCC DoC Approved	-
B.	Load	NA	NA	NA	NA	-

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item A acted as a communication partner to transfer data.
3. 本案器材以申請者切結提供的隨貨配件，及實驗室提供的測試配件併同檢測。不提供隨貨配件之照片請參閱附件。(BV CPS 報告編號: BDYS-WTW-P21040031_SU)

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	LAN	1	1.5	N	0	RJ45, Cat5e
2.	LAN	1	1.5	N	0	RJ45, Cat5e
3.	LAN	1	6	N	0	RJ45, Cat5e
4.	Console	1	1.5	N	0	-

2.3 測試架構圖



3 適用規範

3.1 規範要求和參考

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻器材技術規範之 3.3 節，電源傳導干擾之限制要求如下:

頻率(MHz)	傳導限制值 (dBuV)	
	準峰值(Quasi-peak)	平均值(Average)
0.15-0.5	66-56(註)	56-46(註)
0.5-5	56	46
5-30	60	50

(註)：隨頻率之對數遞減。

(2) 帶外發射之規定

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻器材技術規範4.10.1.5節之要求，操作頻帶範圍外之任意100 kHz 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之100 kHz 內的射頻功率，其衰減值限制如下：(1) 輸出功率以附件二之峰值輸出功率方式測量者，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4.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。

(II) 操作於 5.15 GHz~5.35 GHz 及 5.470 GHz ~5.725 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.4.1節之要求，帶外發射之有效等向輻射功率(EIRP)≦-27 dBm/MHz。

(III) 操作於 5.725 GHz~5.850 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.4.2節之要求，所有頻帶邊緣向外5 MHz內頻率之發射，有效等向輻射功率(EIRP)≦27 dBm/MHz～15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外5 MHz～25 MHz，有效等向輻射功率35(EIRP)≦15.6 dBm/MHz～10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外25 MHz～75 MHz，有效等向輻射功率(EIRP)≦10 dBm/MHz～-27 dBm/MHz(以線性法計算對應之限制值)；所有頻帶邊緣外≧75 MHz的頻率之發射，有效等向輻射功率(EIRP)≦-27 dBm/MHz；有關遮罩限制值詳圖1。

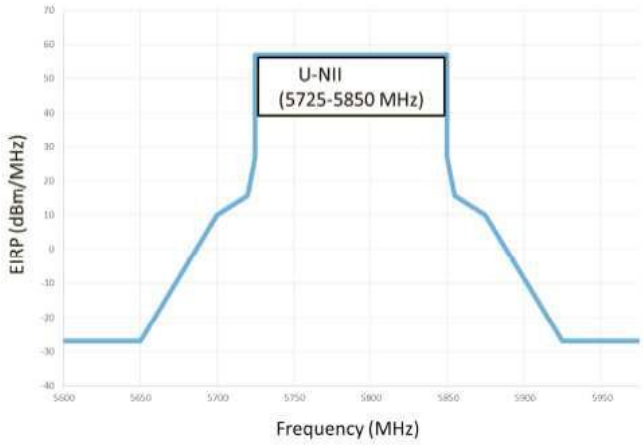


圖 1

在 1 GHz 以下不必要之發射，應符合 3.6 之規定。此外，落於 3.5 禁用頻段之輻射發射，應符合 3.6 之規定。

頻率(MHz)	電場強度(微伏特/公尺, uV/m)	測距(公尺)
0.009 ≤ f ≤ 0.490	2,400/f(kHz)	300
0.490 < f ≤ 1.705	24,000/f(kHz)	30
1.705 < f < 30	30	30
30 ≤ f ≤ 88	100	3
88 < f ≤ 216	150	3
216 < f ≤ 960	200	3
960 < f	500	3

(3) 天線之規定

天線規格不受第 3.2 節規定之限制。

(4) 天線增益之要求

低功率發射機，依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.3 節及 5.7.3 節之規定如下：

(I) 操作於 2400 MHz～2483.5 MHz 頻段：

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

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

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

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

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

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

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

除(A)及(B)外，使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率限制值。

(II) 操作於 5.15 GHz~5.25 GHz 頻段：

(A) 供戶外操作使用: 使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。在水平面仰角超過30 度時，其最大 EIRP 應小於或等於21 dBm。

(B) 供室內操作使用: 使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(C) 供固定式點對點操作使用: 使用超過23 dBi方向增益之指向性天線時，應依超過23 dBi天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(D) 供用戶端裝置(Client Device)操作使用: 使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(III) 操作於 5.25 GHz~5.35 GHz 與 5.470 GHz ~5.725 GHz 頻段:

使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(IV) 操作於 5.725 GHz~5.850 GHz 頻段:

(A) 供固定式點對點操作時，使用方向增益超過6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(B) 除(A)外，使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(5) 6dB 頻寬之要求

(I) 操作於 2400 MHz～2483.5 MHz 頻段：

對使用數位調變技術(digital modulation techniques)系統之低功率發射機，依據國家通訊傳播委員會低功率射頻器材技術規範4.10.1.6節之規定，6dB頻寬至少應有500kHz。

(II) 操作於 5.725 GHz~5.850 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.5節之規定，其6dB頻寬至少應有500kHz。

(6) 傳導輸出功率之要求

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻器材技術規範4.10.1.2節之規定：

數位調變技術系統：1 W(含)以下。

(II) 操作於 5.15 GHz~5.25 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.1節之要求:

(A) 供戶外操作使用/供室內操作使用/供固定式點對點操作使用: 最大傳導輸出功率應小於或等於1 W。

(B) 供用戶端裝置(Client Device)操作使用: 最大傳導輸出功率應小於或等於250 mW。

(III) 操作於 5.25 GHz~5.35 GHz 及 5.470 GHz ~5.725 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.2節之規定，最大傳導輸出功率應小於或等於250 mW或11dBm+10log B (B是26 dB發射頻寬，單位MHz)之較小者。

(IV) 操作於 5.725 GHz~5.850 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.3節之規定，最大傳導輸出功率應小於或等於1 W。

(7) 功率頻譜密度之要求

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻器材技術規範4.10.1.6節之規定，在使用頻率範圍之任一3 kHz 頻寬內，由發射機傳導至天線之功率頻譜密度在任意傳輸期間內，皆小於或等於8 毫分貝(dBm)，且應依4.10.1.3 之方式降低功率頻譜密度限制值。

(II) 操作於 5.15 GHz~5.25 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.1節之要求:

(A) 供戶外操作使用/供室內操作使用/供固定式點對點操作使用: 在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(B) 供用戶端裝置(Client Device)操作使用: 在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於11 dBm。

(III) 操作於 5.25 GHz~5.35 GHz 及 5.470 GHz ~5.725 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.2節之規定，最大功率頻譜密度在任何1 MHz 頻帶中應小於或等於11 dBm。

(IV) 操作於 5.725 GHz~5.850 GHz 頻段:

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.3節之規定，在任何500 kHz 頻帶中最大功率頻譜密度應小於或等於30 dBm。

(8) 發射功率控制(TPC)及動態頻率選擇(DFS)之要求

依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.7.1 及 5.7.7.2 節之規定。

發射功率控制(TPC)：操作於 5.25 GHz～5.35 GHz 與 5.470 GHz～5.725 GHz 頻段的設備，應具備發射功率控制功能。設備必須至少具有 6 dB 低於平均 EIRP 30 dBm 的能力。EIRP 低於 500 mW 之系統不須具備 TPC 功能。

動態頻率選擇(DFS)：操作於 5.25 GHz～5.35 GHz 與 5.470 GHz～5.725 GHz 頻段之設備應具備動態頻率選擇雷達偵測功能並啟動之，以完整偵測使用頻帶內之雷達訊號，避免與雷達系統同頻道操作。相關規定如下：

(1) 最低動態頻率選擇的偵測門檻

(A) 最大EIRP 為200 mW～1 W之設備，其最低動態頻率選擇的偵測門檻值為-64dBm。

(B) 最大EIRP 低於200 mW，且功率頻譜密度小於10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-62 dBm。

(C) 最大EIRP 低於200 mW，且功率頻譜密度大於或等於10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-64 dBm。

(D) 此偵測門檻值為1 微秒內之平均接收功率，並以0 dBi 天線為參考基準。頻道初始設定得由系統隨機選取或使用者手動選取。

(2) 操作模式：動態頻率選擇之規定適用於以下之操作模式：

(A) 頻道可用性檢查時間之規定，適用於主控運作模式。

(B) 頻道移動時間之規定，適用於主控及受控運作模式。

(3) 頻道可用性檢查時間：設備必須檢查其可在某一頻道上起始傳送之前是否有雷達系統已經操作在該頻道上，以及何時其必須移動到另一新的頻道，在60 秒內若沒有偵測到功率位準大過上述之干擾門檻值的雷達訊號時，設備才可開始使用該頻道。

(4) 頻道移動時間：在偵測到雷達的存在後，所有在該操作頻道上的所有傳輸須在10秒內停止，在偵測到雷達訊號後，該期間內的傳輸應維持最多200 毫秒的正常通訊。另外，間歇性的管理與控制訊號可在剩餘的時間中傳送，以便撤離該操作頻道。

(5) 不可佔用期間：某一頻道已被頻道可用性檢查或"服務中"監視顯示含有雷達系統，至少須有30分鐘的不可佔用期間。不可佔用期間起始於偵測到雷達系統的當時。

(9) 無線資訊傳輸設備必須擁有安全功能之要求:

依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.7.3 節之規定，無線資訊傳輸設備必須擁有安全功能，以保護未經授權之一方更改軟體。製造商應提出符合本節規定之相關證明文件或符合性聲明。

(10) 依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.7.4 節之規定，製造商必須在操作於 U-NII 頻段上之數位調變系統中提供安全功能，使第三方團體無法重寫程式，使其操作於非經認證之設定。該軟體必須避免發射機操作於非經認證之頻率、輸出功率、調變形式或其他射頻參數。製造商可使用私有網路，只有經授權的用戶能下載軟體、進行軟體式電子簽章或硬體式的韌體更新，新的軟體可以被合法的載入到設備中，同時又能符合上述事項，並於應用程式中描述設備授權的方法。

(11) 依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.7.5 節之規定，製造商必須確保 DFS 功能無法被無線資訊傳輸設備之操作者取消。

(12) 電波暴露量之評估

依據國家通訊傳播委員會低功率射頻器材技術規範 6.20.2 節之規定，若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure，MPE)以證明其符電波暴露量之要求。

限制值如下：

(1) 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm^2)	平均時間 (minutes)
0.3 - 3.0	614	1.63	*100	6
3 - 30	1842/f	4.89/f	*900/f^2	6
30 - 300	61.4	0.163	1.0	6
300 - 1,500	---	---	f/300	6
1,500 – 100,000	---	---	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：百萬赫(MHz)。

(2) 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm^2)	平均時間 (minutes)
0.3 – 1.34	614	1.63	*100	30
1.34 - 30	824/f	2.19/f	*180/f^2	30
30 - 300	27.5	0.073	0.2	30
300 - 1,500	---	---	f/1500	30
1,500 – 100,000	---	---	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：百萬赫(MHz)。

參考國際標準指南

KDB 558074

KDB 662911

KDB 789033

KDB 905462

3.2 限制使用之頻帶

除本規範另有規定外，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段之混附發射，其電場強度必須符合 3.6 之限制規定。

頻率(兆赫)	頻率(兆赫)	頻率(兆赫)
0.090～0.110	240.00～285.00	3332.0～3339.0
0.490～0.510	322.00～335.40	3345.8～3358.0
2.172～2.198	399.90～410.00	3500.0～4400.0
3.013～3.033	485.00～510.00	4500.0～5250.0
4.115～4.198	608.00～614.00	5350.0～5460.0
5.670～5.690	703.00～748.00	7250.0～7750.0
6.200～6.300	758.00～803.00	8025.0～8500.0
8.230～8.400	825.00～915.00	9000.0～9200.0
12.265～12.600	930.00～1240.0	9300.0～9500.0
13.340～13.430	1300.0～1427.0	10600～12700
14.965～15.020	1435.0～1626.5	13250～13400
16.700～16.755	1660.0～1785.0	14470～14500
19.965～20.020	1805.0～1880.0	15350～16200
25.500～25.700	1885.0～1900.0	17700～21400
37.475～38.275	1905.0～1985.0	22010～23120
73.500～75.400	2010.0～2025.0	23600～24000
108.00～138.00	2110.0～2170.0	31200～31800
149.90～150.05	2200.0～2300.0	36430～36500
156.70～156.90	2310.0～2390.0	38600 以上
162.01～167.17	2483.5～2900.0	
167.72～173.20	3260.0～3267.0	

2.4GHz 頻段測試紀錄結果

4 帶外發射之量測

4.1 適用標準

請見本報告3.1節第2項(I)的規定。

4.2 量測方法

在電波暗室，將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態。接收天線置於3米距離。桌面要360度旋轉，另外接收天線從離地1米至4米升降變化，以找出最大的輻射電場強度，接收天線分別置於水平、垂直極化各執行測試一次。

備註: 對於 1GHz 以上場強輻射的測試，待測物則置於1.5米高的非金屬桌面。

4.3 量測儀器

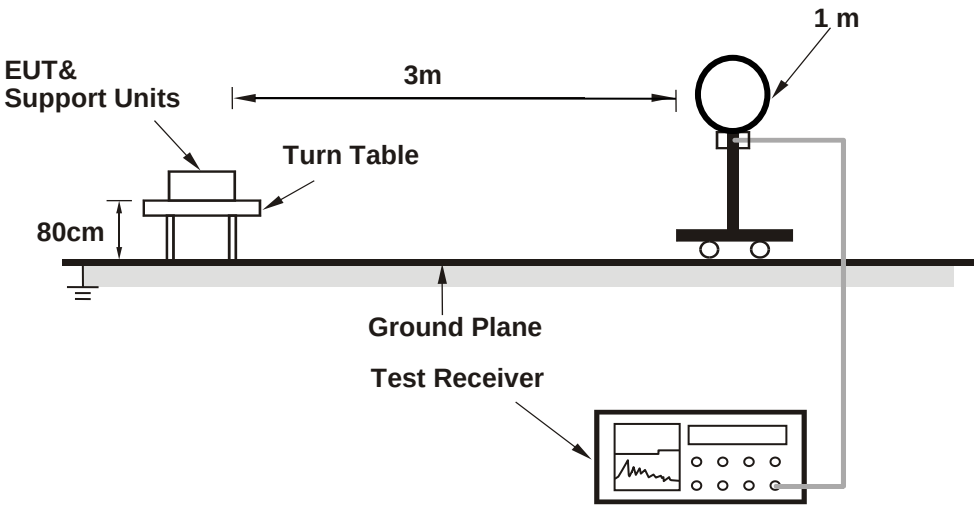
儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
Test Receiver ROHDE & SCHWARZ	ESR3	102579	Jul. 07, 2020	Jul. 06, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100269	Jun. 09, 2020	Jun. 08, 2021
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Nov. 04, 2020	Nov. 03, 2021
HORN Antenna SCHWARZBECK	9120D	209	Nov. 24, 2019	Nov. 23, 2020
			Nov. 22, 2020	Nov. 21, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 24, 2019	Nov. 23, 2020
			Nov. 22, 2020	Nov. 21, 2021
Loop Antenna TESEQ	HLA 6121	45745	Jul. 06, 2020	Jul. 05, 2021
Preamplifier Agilent (Below 1GHz)	8447D	2944A10738	Aug. 16, 2020	Aug. 15, 2021
Preamplifier Agilent (Above 1GHz)	8449B	3008A02465	Mar. 23, 2020	Mar. 22, 2021
RF Coaxial Cable WOKEN With 5dB PAD	8D-FB	Cable-CH3-01	Aug. 16, 2020	Aug. 15, 2021
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH3-03 (223653/4)	Aug. 16, 2020	Aug. 15, 2021
RF signal cable HUBER+SUHNER& EMCI	SUCOFLEX 104&EMC104-SM- SM-8000	Cable-CH3-03 (309224+170907)	Aug. 16, 2020	Aug. 15, 2021
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Sep. 04, 2020	Sep. 03, 2021
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY55 190004/MY551900 07/MY55210005	Jul. 13, 2020	Jul. 12, 2021

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 3.
3. The following table is for the measurement uncertainty, which is calculated as per the document CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

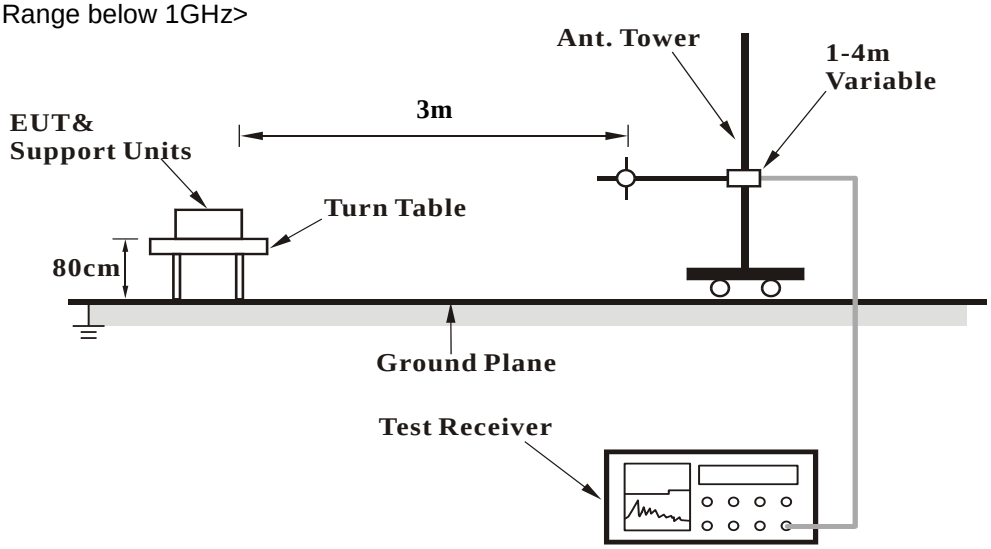
Measurement	Frequency	Uncertainty
Radiated emissions	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.86 dB
	200MHz ~1000MHz	3.87 dB
	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

4.4 測試配置

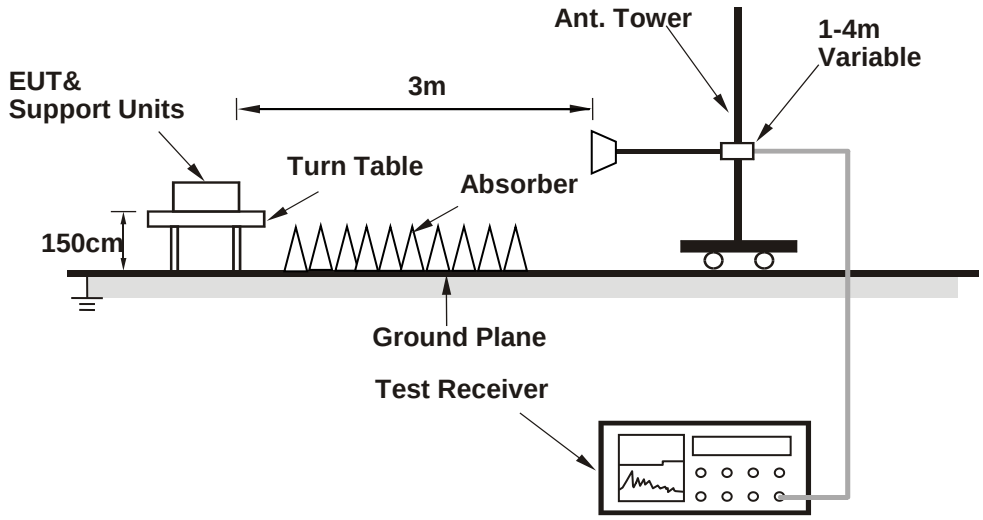
<Frequency Range below 30MHz>



<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



4.5 場強度之計算

場強之計算公式如下：

結果值Emission level (dBuV/m)=機器讀值 Raw Value (dBuV) +校正因子Correction Factor (dB/m)
餘裕度Margin(dB)= 結果值Emission level (dBuV/m)-限制值Limit value (dBuV/m)

量測結果請見下頁。

4.6 量測結果

4.6.1 發射諧波

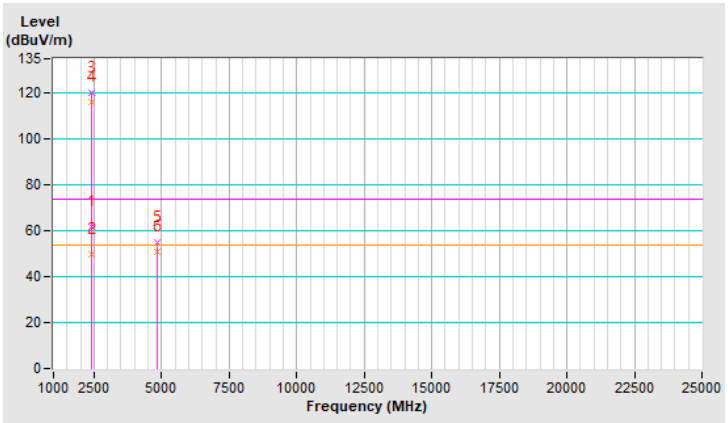
2G traffic radio (Radio 1)

操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.6 PK	74.0	-12.4	1.52 H	360	27.2	34.4
2	2390.00	49.9 AV	54.0	-4.1	1.52 H	360	15.5	34.4
3	*2412.00	120.0 PK			1.46 H	356	85.7	34.3
4	*2412.00	116.4 AV			1.46 H	356	82.1	34.3
5	4824.00	55.2 PK	74.0	-18.8	3.62 H	6	49.0	6.2
6	4824.00	50.9 AV	54.0	-3.1	3.62 H	6	44.7	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

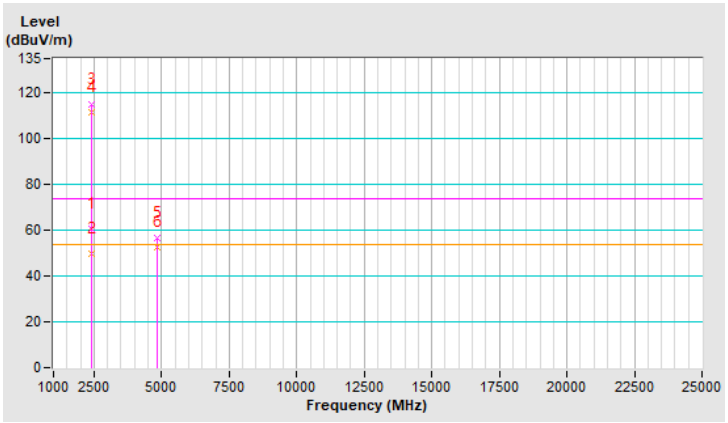


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	60.7 PK	74.0	-13.3	1.88 V	12	26.3	34.4
2	2390.00	49.9 AV	54.0	-4.1	1.88 V	12	15.5	34.4
3	*2412.00	114.8 PK			1.82 V	7	80.5	34.3
4	*2412.00	111.4 AV			1.82 V	7	77.1	34.3
5	4824.00	56.4 PK	74.0	-17.6	1.44 V	19	50.2	6.2
6	4824.00	52.9 AV	54.0	-1.1	1.44 V	19	46.7	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

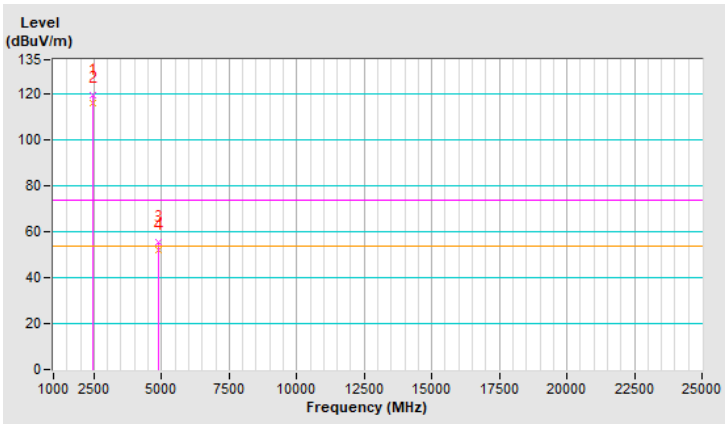


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	119.7 PK			1.51 H	7	85.4	34.3
2	*2437.00	116.1 AV			1.51 H	7	81.8	34.3
3	4874.00	55.7 PK	74.0	-18.3	3.45 H	340	49.6	6.1
4	4874.00	52.3 AV	54.0	-1.7	3.45 H	340	46.2	6.1
5	7311.00	-	-	-	-	-	-	-
6	#9748.00	-	-	-	-	-	-	-
7	12185.00	-	-	-	-	-	-	-
8	#14622.00	-	-	-	-	-	-	-
9	#17059.00	-	-	-	-	-	-	-
10	19496.00	-	-	-	-	-	-	-
11	#21933.00	-	-	-	-	-	-	-
12	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

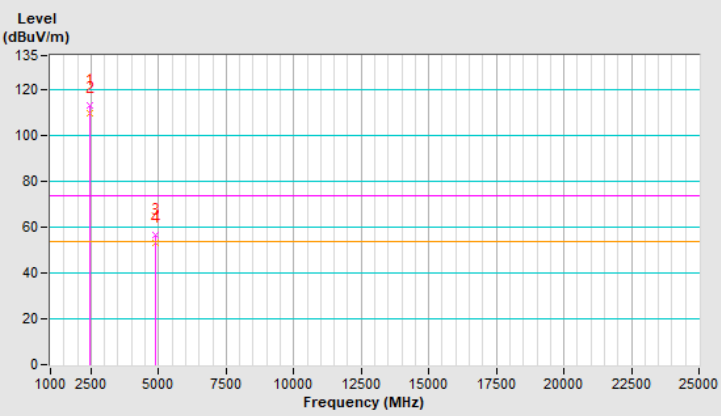


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	113.2 PK			1.43 V	1	78.9	34.3
2	*2437.00	109.6 AV			1.43 V	1	75.3	34.3
3	4874.00	56.7 PK	74.0	-17.3	1.48 V	19	50.6	6.1
4	**4874.00**	**53.0 AV**	**54.0**	**-1.0**	**1.48 V**	**19**	**46.9**	**6.1**
5	7311.00	-	-	-	-	-	-	-
6	#9748.00	-	-	-	-	-	-	-
7	12185.00	-	-	-	-	-	-	-
8	#14622.00	-	-	-	-	-	-	-
9	#17059.00	-	-	-	-	-	-	-
10	19496.00	-	-	-	-	-	-	-
11	#21933.00	-	-	-	-	-	-	-
12	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

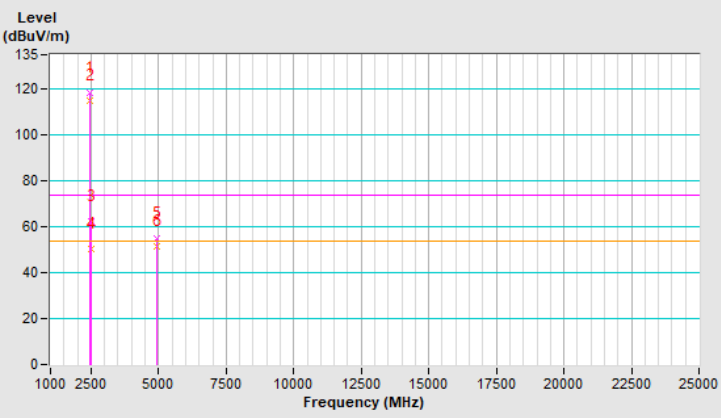


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	118.6 PK			1.69 H	13	84.2	34.4
2	*2462.00	115.0 AV			1.69 H	13	80.6	34.4
3	2483.50	62.2 PK	74.0	-11.8	1.28 H	13	27.8	34.4
4	2483.50	50.3 AV	54.0	-3.7	1.28 H	13	15.9	34.4
5	4924.00	55.2 PK	74.0	-18.8	3.52 H	19	49.1	6.1
6	4924.00	51.2 AV	54.0	-2.8	3.52 H	19	45.1	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

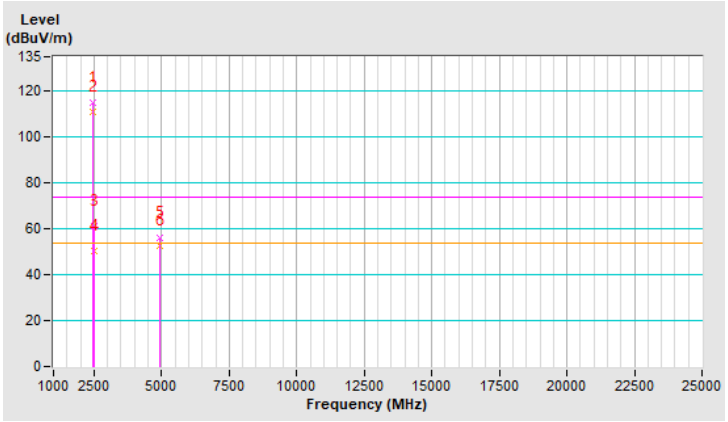


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	114.7 PK			1.62 V	1	80.3	34.4
2	*2462.00	111.1 AV			1.62 V	1	76.7	34.4
3	2483.50	61.1 PK	74.0	-12.9	1.66 V	6	26.7	34.4
4	2483.50	50.2 AV	54.0	-3.8	1.66 V	6	15.8	34.4
5	4924.00	55.8 PK	74.0	-18.2	1.39 V	19	49.7	6.1
6	4924.00	52.9 AV	54.0	-1.1	1.39 V	19	46.8	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

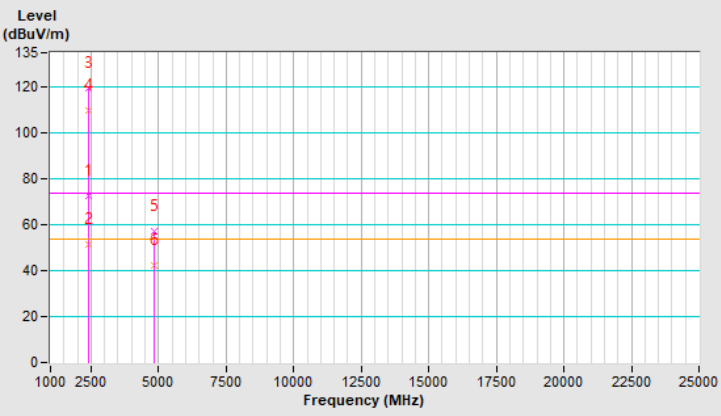


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.9 PK	74.0	-1.1	1.70 H	343	38.5	34.4
2	2390.00	51.3 AV	54.0	-2.7	1.70 H	343	16.9	34.4
3	*2412.00	119.4 PK			1.50 H	337	85.1	34.3
4	*2412.00	110.0 AV			1.50 H	337	75.7	34.3
5	4824.00	57.1 PK	74.0	-16.9	3.82 H	341	50.9	6.2
6	4824.00	42.6 AV	54.0	-11.4	3.82 H	341	36.4	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

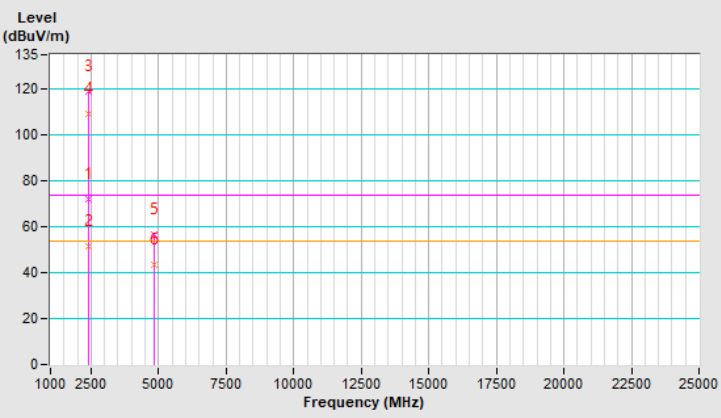


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.0 PK	74.0	-2.0	1.74 V	3	37.6	34.4
2	2390.00	51.2 AV	54.0	-2.8	1.74 V	3	16.8	34.4
3	*2412.00	118.8 PK			1.54 V	1	84.5	34.3
4	*2412.00	109.3 AV			1.54 V	1	75.0	34.3
5	4824.00	56.6 PK	74.0	-17.4	1.44 V	19	50.4	6.2
6	4824.00	43.2 AV	54.0	-10.8	1.44 V	19	37.0	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

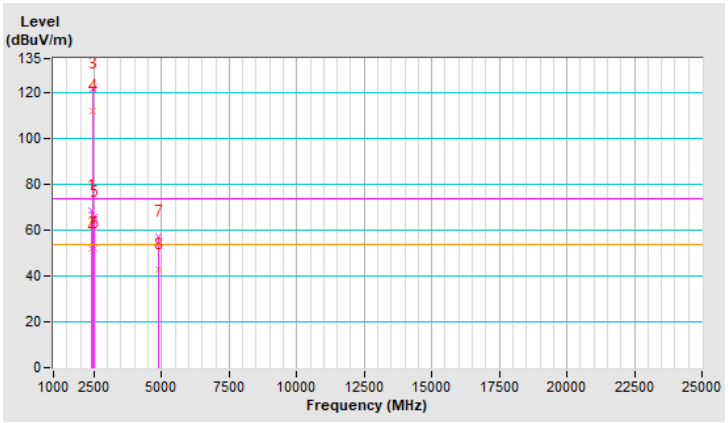


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	68.4 PK	74.0	-5.6	1.53 H	337	34.0	34.4
2	2390.00	52.0 AV	54.0	-2.0	1.53 H	337	17.6	34.4
3	*2437.00	121.9 PK			1.55 H	342	87.6	34.3
4	*2437.00	111.9 AV			1.55 H	342	77.6	34.3
5	2483.50	65.5 PK	74.0	-8.5	1.44 H	339	31.1	34.4
6	2483.50	51.8 AV	54.0	-2.2	1.44 H	339	17.4	34.4
7	4874.00	57.4 PK	74.0	-16.6	3.52 H	1	51.3	6.1
8	4874.00	43.1 AV	54.0	-10.9	3.52 H	1	37.0	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

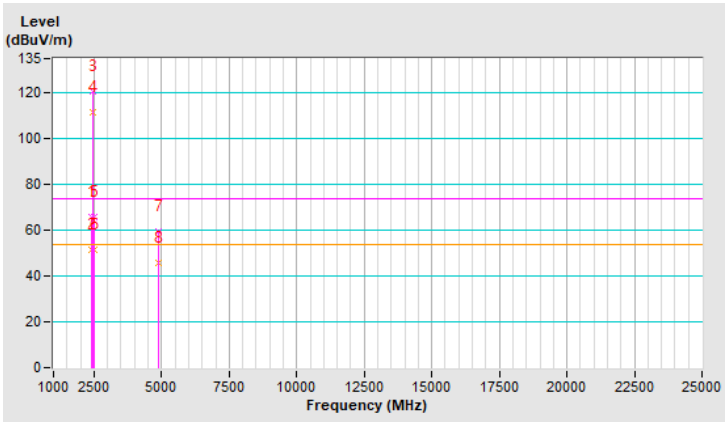


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	65.5 PK	74.0	-8.5	1.43 V	6	31.1	34.4
2	2390.00	51.5 AV	54.0	-2.5	1.43 V	6	17.1	34.4
3	*2437.00	120.8 PK			1.40 V	1	86.5	34.3
4	*2437.00	111.4 AV			1.40 V	1	77.1	34.3
5	2483.50	65.9 PK	74.0	-8.1	1.46 V	10	31.5	34.4
6	2483.50	51.6 AV	54.0	-2.4	1.46 V	10	17.2	34.4
7	4874.00	59.6 PK	74.0	-14.4	1.36 V	21	53.5	6.1
8	4874.00	45.9 AV	54.0	-8.1	1.36 V	21	39.8	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

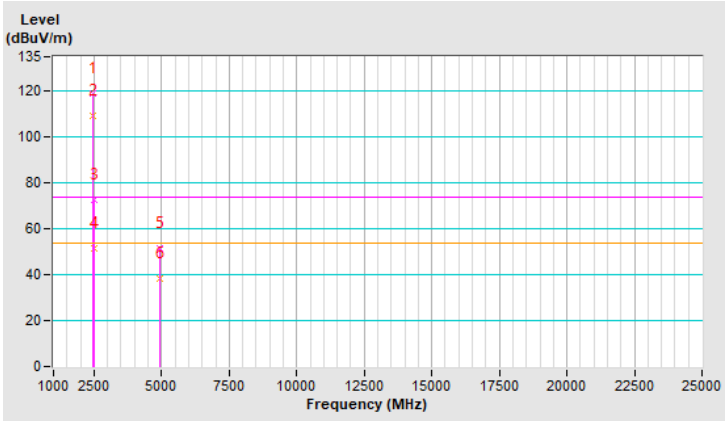


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	119.0 PK			1.64 H	343	84.6	34.4
2	*2462.00	109.2 AV			1.64 H	343	74.8	34.4
3	2483.50	72.7 PK	74.0	-1.3	1.45 H	340	38.3	34.4
4	2483.50	51.4 AV	54.0	-2.6	1.45 H	340	17.0	34.4
5	4924.00	51.5 PK	74.0	-22.5	3.59 H	341	45.4	6.1
6	4924.00	38.1 AV	54.0	-15.9	3.59 H	341	32.0	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

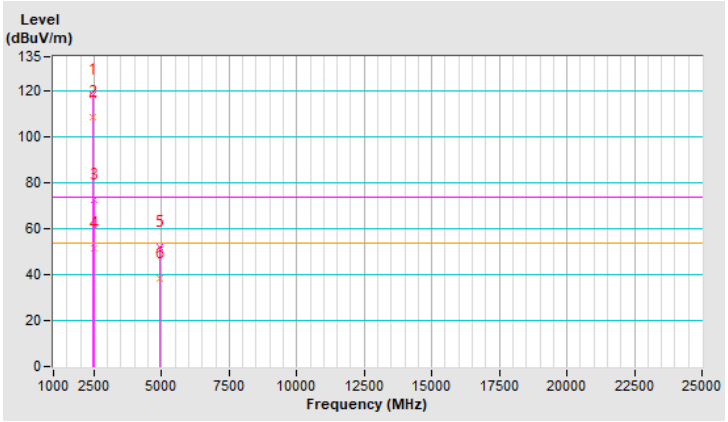


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	118.2 PK			1.33 V	2	83.8	34.4
2	*2462.00	108.9 AV			1.33 V	2	74.5	34.4
3	2483.50	72.4 PK	74.0	-1.6	1.36 V	10	38.0	34.4
4	2483.50	51.2 AV	54.0	-2.8	1.36 V	10	16.8	34.4
5	4924.00	52.1 PK	74.0	-21.9	1.51 V	16	46.0	6.1
6	4924.00	38.3 AV	54.0	-15.7	1.51 V	16	32.2	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

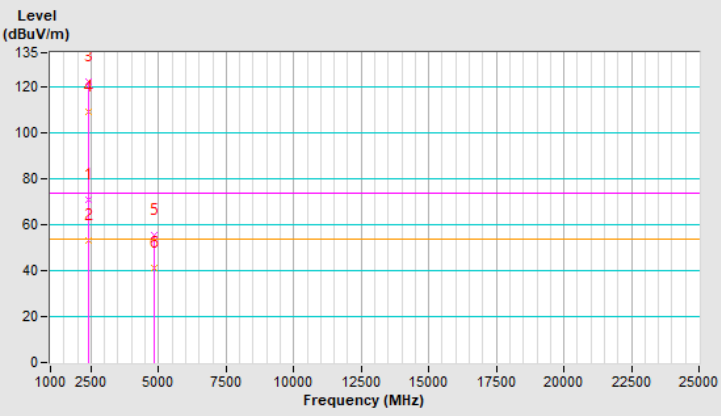


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.8 PK	74.0	-3.2	1.70 H	341	36.4	34.4
2	**2390.00**	**53.0 AV**	**54.0**	**-1.0**	**1.70 H**	**341**	**18.6**	**34.4**
3	*2412.00	122.7 PK			1.48 H	342	88.4	34.3
4	*2412.00	109.5 AV			1.48 H	342	75.2	34.3
5	4824.00	55.3 PK	74.0	-18.7	3.83 H	339	49.1	6.2
6	4824.00	41.4 AV	54.0	-12.6	3.83 H	339	35.2	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

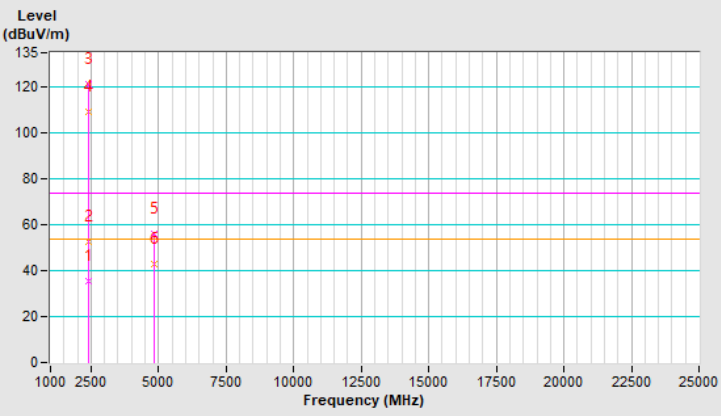


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	35.2 PK	74.0	-38.8	1.66 V	13	37.3	-2.1
2	2390.00	52.7 AV	54.0	-1.3	1.66 V	13	18.3	34.4
3	*2412.00	121.3 PK			1.62 V	1	87.0	34.3
4	*2412.00	109.0 AV			1.62 V	1	74.7	34.3
5	4824.00	56.2 PK	74.0	-17.8	1.49 V	22	50.0	6.2
6	4824.00	43.0 AV	54.0	-11.0	1.49 V	22	36.8	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

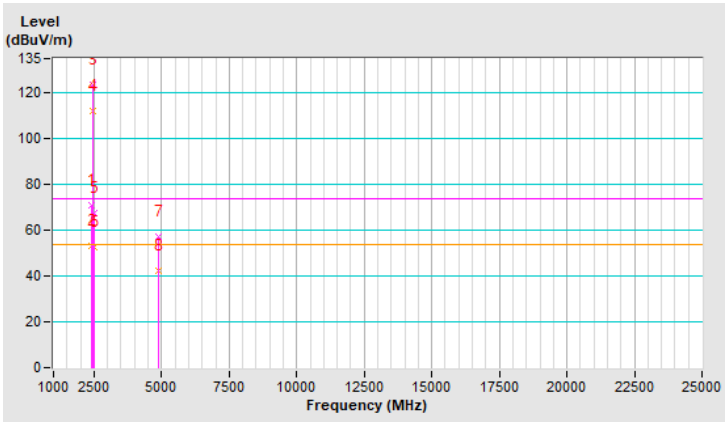


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.8 PK	74.0	-3.2	1.51 H	344	36.4	34.4
2	**2390.00**	**53.0 AV**	**54.0**	**-1.0**	**1.51 H**	**344**	**18.6**	**34.4**
3	*2437.00	123.8 PK			1.47 H	340	89.5	34.3
4	*2437.00	111.9 AV			1.47 H	340	77.6	34.3
5	2483.50	67.4 PK	74.0	-6.6	1.41 H	336	33.0	34.4
6	2483.50	52.6 AV	54.0	-1.4	1.41 H	336	18.2	34.4
7	4874.00	57.2 PK	74.0	-16.8	3.57 H	19	51.1	6.1
8	4874.00	42.1 AV	54.0	-11.9	3.57 H	19	36.0	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

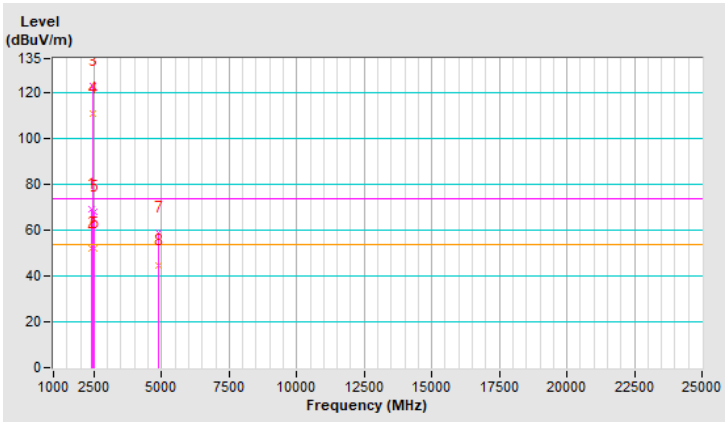


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	69.4 PK	74.0	-4.6	1.36 V	6	35.0	34.4
2	2390.00	51.8 AV	54.0	-2.2	1.36 V	6	17.4	34.4
3	*2437.00	123.2 PK			1.34 V	2	88.9	34.3
4	*2437.00	111.0 AV			1.34 V	2	76.7	34.3
5	2483.50	68.2 PK	74.0	-5.8	1.41 V	10	33.8	34.4
6	2483.50	51.8 AV	54.0	-2.2	1.41 V	10	17.4	34.4
7	4874.00	58.9 PK	74.0	-15.1	1.39 V	22	52.8	6.1
8	4874.00	44.7 AV	54.0	-9.3	1.39 V	22	38.6	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

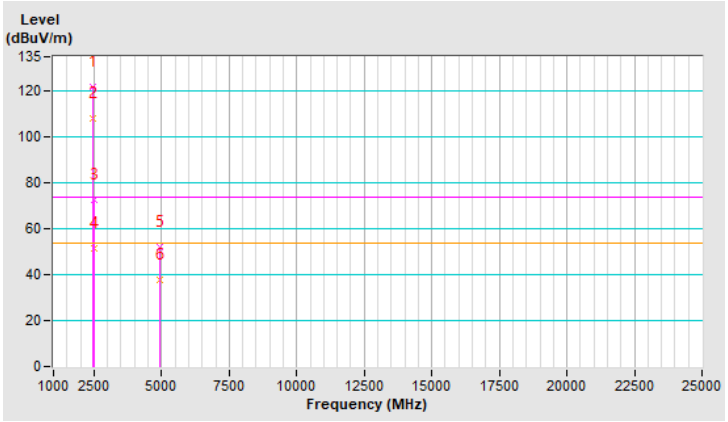


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	122.0 PK			1.66 H	341	87.6	34.4
2	*2462.00	108.1 AV			1.66 H	341	73.7	34.4
3	2483.50	72.6 PK	74.0	-1.4	1.45 H	335	38.2	34.4
4	2483.50	51.7 AV	54.0	-2.3	1.45 H	335	17.3	34.4
5	4924.00	52.1 PK	74.0	-21.9	3.62 H	345	46.0	6.1
6	4924.00	37.9 AV	54.0	-16.1	3.62 H	345	31.8	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

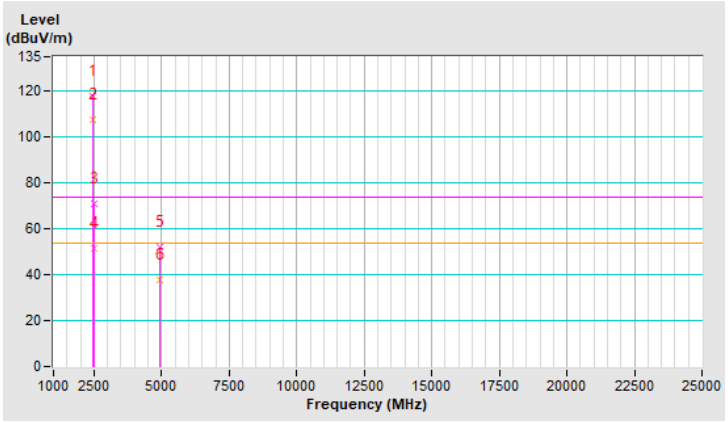


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	117.9 PK			1.34 V	1	83.5	34.4
2	*2462.00	107.3 AV			1.34 V	1	72.9	34.4
3	2483.50	71.0 PK	74.0	-3.0	1.42 V	1	36.6	34.4
4	2483.50	51.2 AV	54.0	-2.8	1.42 V	1	16.8	34.4
5	4924.00	51.9 PK	74.0	-22.1	1.55 V	20	45.8	6.1
6	4924.00	37.7 AV	54.0	-16.3	1.55 V	20	31.6	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

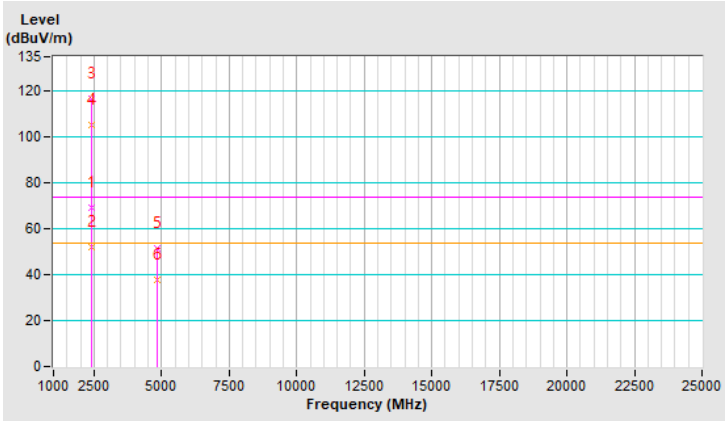


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 3：2422 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	69.5 PK	74.0	-4.5	1.46 H	343	35.1	34.4
2	2390.00	52.3 AV	54.0	-1.7	1.46 H	343	17.9	34.4
3	*2422.00	116.6 PK			1.63 H	336	82.3	34.3
4	*2422.00	105.4 AV			1.63 H	336	71.1	34.3
5	4844.00	51.2 PK	74.0	-22.8	3.82 H	338	45.1	6.1
6	4844.00	37.6 AV	54.0	-16.4	3.82 H	338	31.5	6.1
7	7266.00	-	-	-	-	-	-	-
8	#9688.00	-	-	-	-	-	-	-
9	12110.00	-	-	-	-	-	-	-
10	#14532.00	-	-	-	-	-	-	-
11	#16954.00	-	-	-	-	-	-	-
12	19376.00	-	-	-	-	-	-	-
13	#21798.00	-	-	-	-	-	-	-
14	#24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

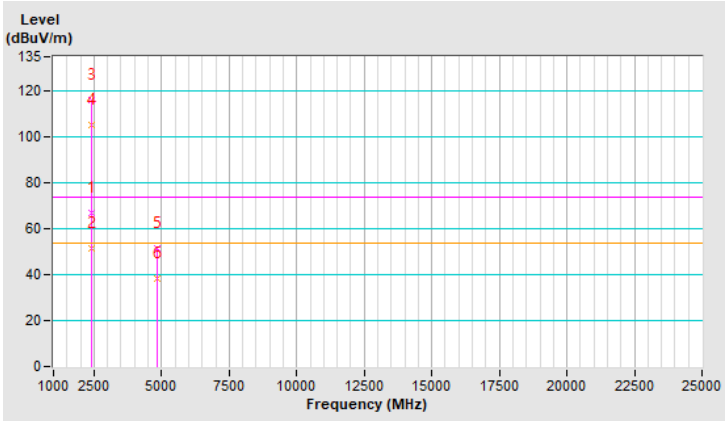


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 3：2422 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	67.2 PK	74.0	-6.8	1.58 V	348	32.8	34.4
2	2390.00	51.3 AV	54.0	-2.7	1.58 V	348	16.9	34.4
3	*2422.00	116.3 PK			1.55 V	345	82.0	34.3
4	*2422.00	105.4 AV			1.55 V	345	71.1	34.3
5	4844.00	51.6 PK	74.0	-22.4	1.51 V	19	45.5	6.1
6	4844.00	38.1 AV	54.0	-15.9	1.51 V	19	32.0	6.1
7	7266.00	-	-	-	-	-	-	-
8	#9688.00	-	-	-	-	-	-	-
9	12110.00	-	-	-	-	-	-	-
10	#14532.00	-	-	-	-	-	-	-
11	#16954.00	-	-	-	-	-	-	-
12	19376.00	-	-	-	-	-	-	-
13	#21798.00	-	-	-	-	-	-	-
14	#24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

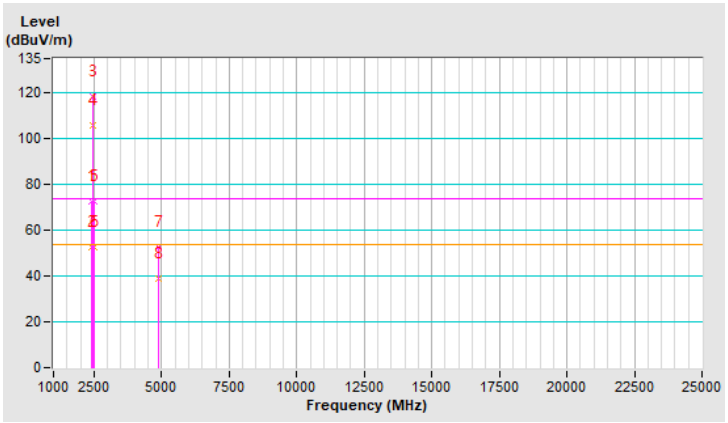


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.4 PK	74.0	-1.6	1.47 H	342	38.0	34.4
2	2390.00	52.5 AV	54.0	-1.5	1.47 H	342	18.1	34.4
3	*2437.00	118.3 PK			1.51 H	334	84.0	34.3
4	*2437.00	106.0 AV			1.51 H	334	71.7	34.3
5	2483.50	72.9 PK	74.0	-1.1	1.56 H	339	38.5	34.4
6	2483.50	52.4 AV	54.0	-1.6	1.56 H	339	18.0	34.4
7	4874.00	52.6 PK	74.0	-21.4	3.56 H	333	46.5	6.1
8	4874.00	38.8 AV	54.0	-15.2	3.56 H	333	32.7	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

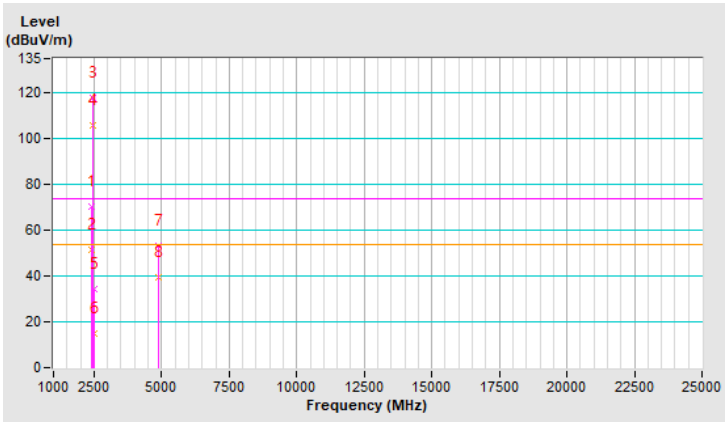


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.4 PK	74.0	-3.6	1.58 V	347	36.0	34.4
2	2390.00	51.6 AV	54.0	-2.4	1.58 V	347	17.2	34.4
3	*2437.00	117.9 PK			1.61 V	350	83.6	34.3
4	*2437.00	105.6 AV			1.61 V	350	71.3	34.3
5	2483.50	34.3 PK	74.0	-39.7	1.60 V	353	36.3	-2.0
6	2483.50	15.0 AV	54.0	-39.0	1.60 V	353	17.0	-2.0
7	4874.00	53.2 PK	74.0	-20.8	1.55 V	17	47.1	6.1
8	4874.00	39.4 AV	54.0	-14.6	1.55 V	17	33.3	6.1
9	7311.00	-	-	-	-	-	-	-
10	#9748.00	-	-	-	-	-	-	-
11	12185.00	-	-	-	-	-	-	-
12	#14622.00	-	-	-	-	-	-	-
13	#17059.00	-	-	-	-	-	-	-
14	19496.00	-	-	-	-	-	-	-
15	#21933.00	-	-	-	-	-	-	-
16	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

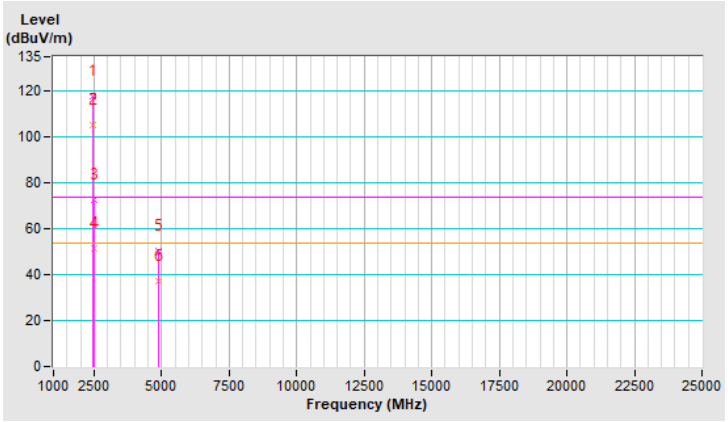


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 9：2452 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	117.7 PK			1.51 H	340	83.4	34.3
2	*2452.00	105.1 AV			1.51 H	340	70.8	34.3
3	2483.50	72.4 PK	74.0	-1.6	1.47 H	341	38.0	34.4
4	2483.50	51.2 AV	54.0	-2.8	1.47 H	341	16.8	34.4
5	4904.00	50.6 PK	74.0	-23.4	3.52 H	337	44.5	6.1
6	4904.00	37.0 AV	54.0	-17.0	3.52 H	337	30.9	6.1
7	7356.00	-	-	-	-	-	-	-
8	#9808.00	-	-	-	-	-	-	-
9	12260.00	-	-	-	-	-	-	-
10	#14712.00	-	-	-	-	-	-	-
11	#17164.00	-	-	-	-	-	-	-
12	19616.00	-	-	-	-	-	-	-
13	22068.00	-	-	-	-	-	-	-
14	#24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

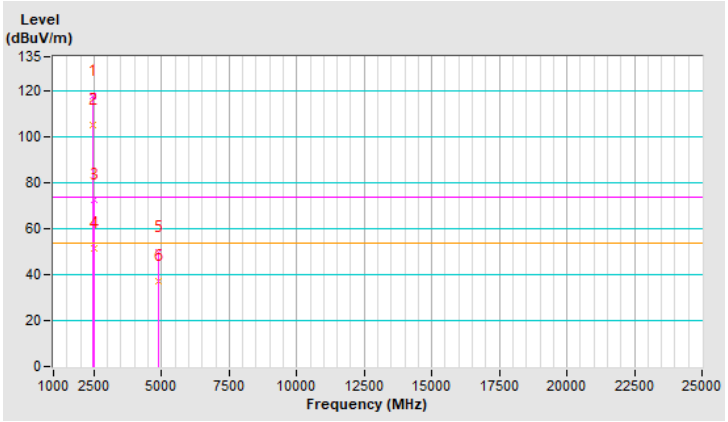


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 9：2452 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	117.7 PK			1.49 V	344	83.4	34.3
2	*2452.00	105.2 AV			1.49 V	344	70.9	34.3
3	2483.50	72.9 PK	74.0	-1.1	1.59 V	339	38.5	34.4
4	2483.50	51.2 AV	54.0	-2.8	1.59 V	339	16.8	34.4
5	4904.00	50.0 PK	74.0	-24.0	1.47 V	23	43.9	6.1
6	4904.00	36.9 AV	54.0	-17.1	1.47 V	23	30.8	6.1
7	7356.00	-	-	-	-	-	-	-
8	#9808.00	-	-	-	-	-	-	-
9	12260.00	-	-	-	-	-	-	-
10	#14712.00	-	-	-	-	-	-	-
11	#17164.00	-	-	-	-	-	-	-
12	19616.00	-	-	-	-	-	-	-
13	22068.00	-	-	-	-	-	-	-
14	#24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



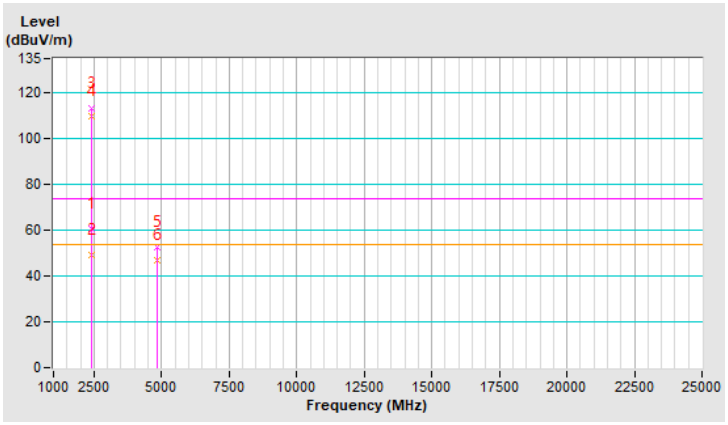
Scanning radio (Radio 3)

操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	60.6 PK	74.0	-13.4	1.60 H	319	26.2	34.4
2	2390.00	49.0 AV	54.0	-5.0	1.60 H	319	14.6	34.4
3	*2412.00	113.4 PK			1.57 H	315	79.1	34.3
4	*2412.00	110.0 AV			1.57 H	315	75.7	34.3
5	4824.00	52.4 PK	74.0	-21.6	1.45 H	24	46.2	6.2
6	4824.00	47.1 AV	54.0	-6.9	1.45 H	24	40.9	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

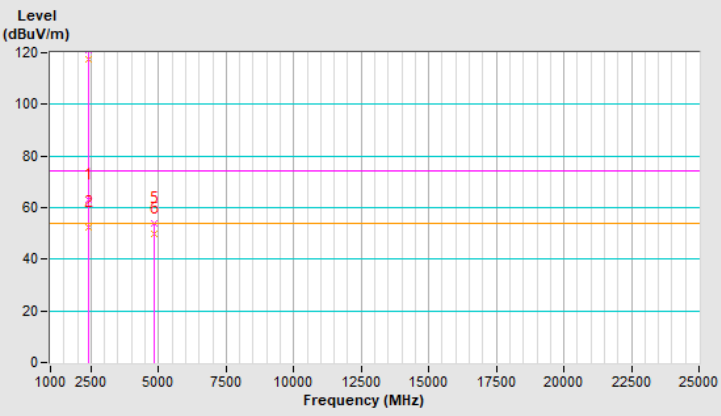


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.8 PK	74.0	-11.2	1.69 V	349	28.4	34.4
2	2390.00	52.4 AV	54.0	-1.6	1.69 V	349	18.0	34.4
3	*2412.00	121.1 PK			1.68 V	358	86.8	34.3
4	*2412.00	117.4 AV			1.68 V	358	83.1	34.3
5	4824.00	53.9 PK	74.0	-20.1	1.31 V	328	47.7	6.2
6	4824.00	49.8 AV	54.0	-4.2	1.31 V	328	43.6	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

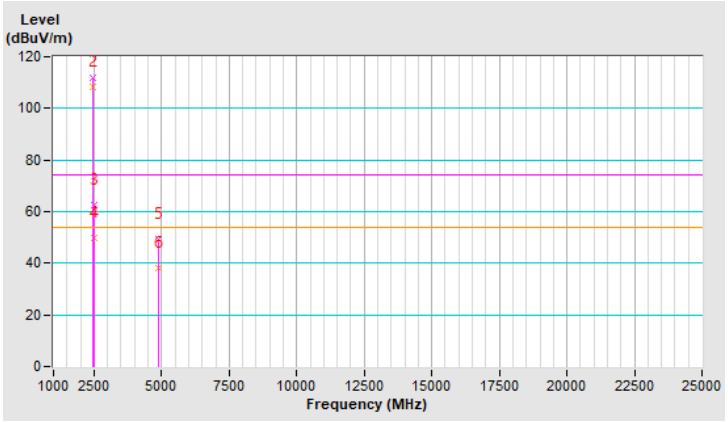


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	111.7 PK			1.54 H	331	77.4	34.3
2	*2437.00	108.3 AV			1.54 H	331	74.0	34.3
3	2483.50	62.6 PK	74.0	-11.4	1.56 H	339	28.2	34.4
4	2483.50	49.7 AV	54.0	-4.3	1.56 H	339	15.3	34.4
5	4874.00	49.3 PK	74.0	-24.7	1.49 H	31	43.2	6.1
6	4874.00	38.1 AV	54.0	-15.9	1.49 H	31	32.0	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

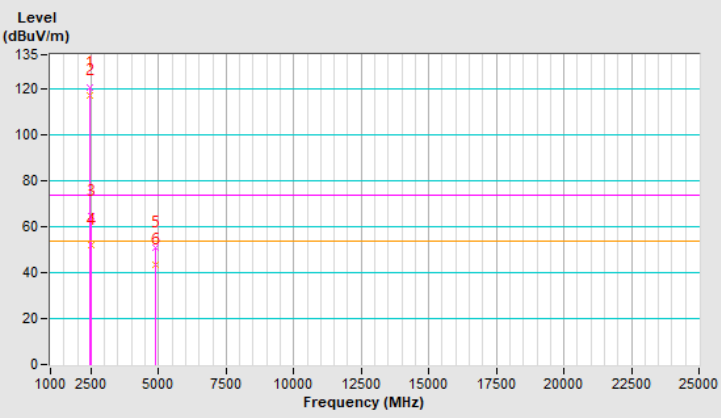


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	120.6 PK			1.82 V	356	86.3	34.3
2	*2437.00	117.0 AV			1.82 V	356	82.7	34.3
3	2483.50	64.9 PK	74.0	-9.1	1.87 V	360	30.5	34.4
4	2483.50	52.1 AV	54.0	-1.9	1.87 V	360	17.7	34.4
5	4874.00	50.7 PK	74.0	-23.3	1.56 V	327	44.6	6.1
6	4874.00	43.2 AV	54.0	-10.8	1.56 V	327	37.1	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

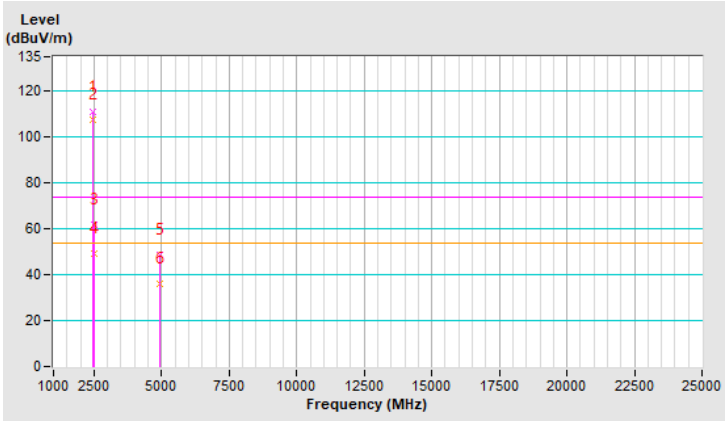


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	110.8 PK			1.40 H	335	76.4	34.4
2	*2462.00	107.4 AV			1.40 H	335	73.0	34.4
3	2483.50	61.6 PK	74.0	-12.4	1.42 H	339	27.2	34.4
4	2483.50	49.4 AV	54.0	-4.6	1.42 H	339	15.0	34.4
5	4924.00	48.9 PK	74.0	-25.1	1.52 H	33	42.8	6.1
6	4924.00	36.3 AV	54.0	-17.7	1.52 H	33	30.2	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

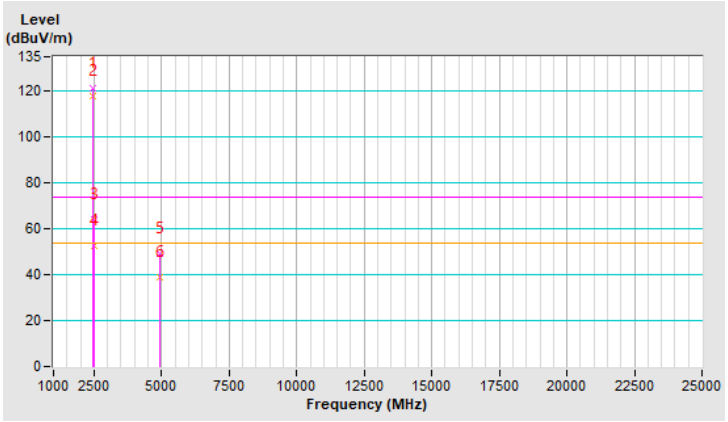


操 作 模 式 ：	發射 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	121.1 PK			1.37 V	321	86.7	34.4
2	*2462.00	117.6 AV			1.37 V	321	83.2	34.4
3	2483.50	64.0 PK	74.0	-10.0	1.40 V	324	29.6	34.4
4	2483.50	52.9 AV	54.0	-1.1	1.40 V	324	18.5	34.4
5	4924.00	49.4 PK	74.0	-24.6	1.39 V	316	43.3	6.1
6	4924.00	38.7 AV	54.0	-15.3	1.39 V	316	32.6	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

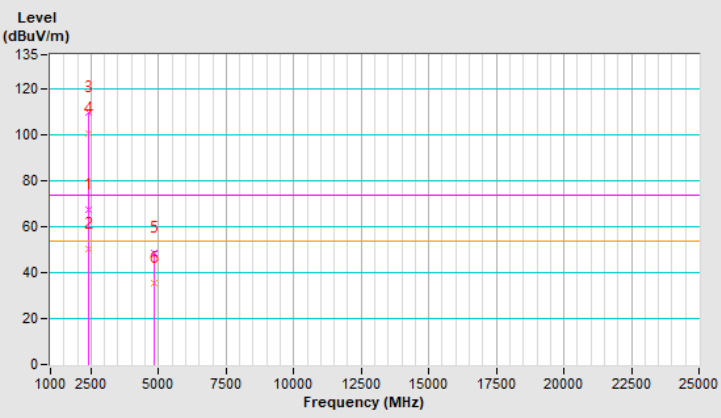


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	67.7 PK	74.0	-6.3	1.39 H	330	33.3	34.4
2	2390.00	50.3 AV	54.0	-3.7	1.39 H	330	15.9	34.4
3	*2412.00	109.6 PK			1.33 H	327	75.3	34.3
4	*2412.00	100.9 AV			1.33 H	327	66.6	34.3
5	4824.00	48.4 PK	74.0	-25.6	1.48 H	28	42.2	6.2
6	4824.00	35.2 AV	54.0	-18.8	1.48 H	28	29.0	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

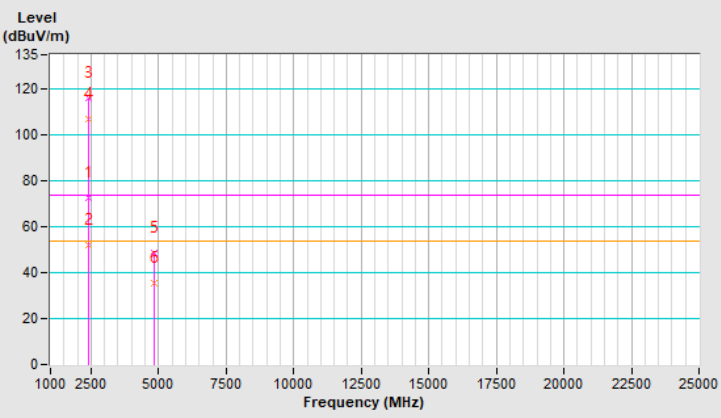


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.8 PK	74.0	-1.2	1.18 V	336	38.4	34.4
2	2390.00	52.2 AV	54.0	-1.8	1.18 V	336	17.8	34.4
3	*2412.00	116.4 PK			1.11 V	337	82.1	34.3
4	*2412.00	107.2 AV			1.11 V	337	72.9	34.3
5	4824.00	48.4 PK	74.0	-25.6	1.42 V	336	42.2	6.2
6	4824.00	35.2 AV	54.0	-18.8	1.42 V	336	29.0	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

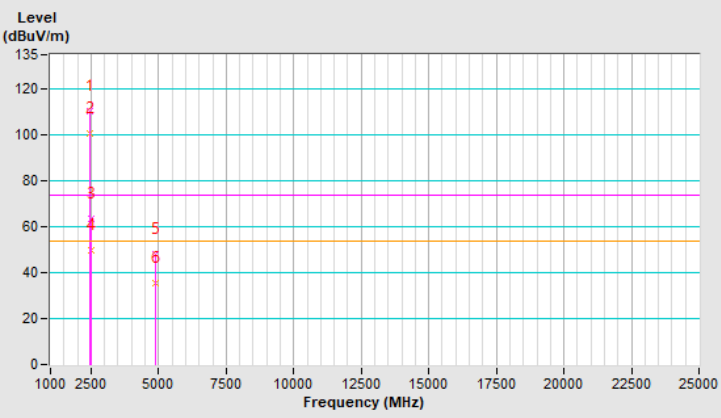


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	110.2 PK			1.53 H	318	75.9	34.3
2	*2437.00	100.7 AV			1.53 H	318	66.4	34.3
3	2483.50	63.3 PK	74.0	-10.7	1.55 H	325	28.9	34.4
4	2483.50	49.8 AV	54.0	-4.2	1.55 H	325	15.4	34.4
5	4874.00	48.3 PK	74.0	-25.7	1.52 H	39	42.2	6.1
6	4874.00	35.3 AV	54.0	-18.7	1.52 H	39	29.2	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

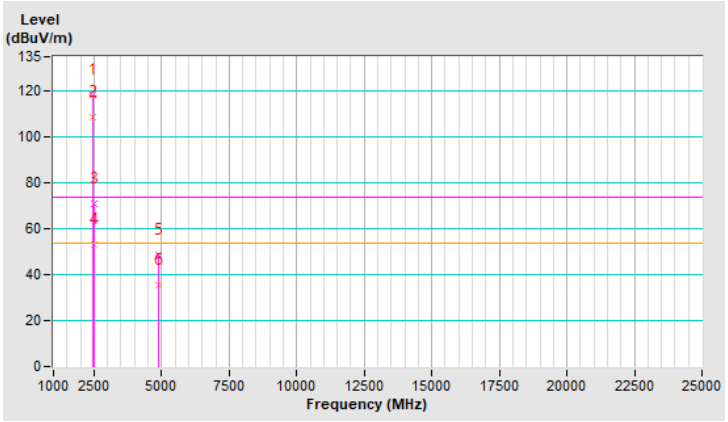


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	118.5 PK			1.27 V	338	84.2	34.3
2	*2437.00	108.9 AV			1.27 V	338	74.6	34.3
3	2483.50	70.7 PK	74.0	-3.3	1.15 V	345	36.3	34.4
4	**2483.50**	**53.0 AV**	**54.0**	**-1.0**	**1.15 V**	**345**	**18.6**	**34.4**
5	4874.00	48.4 PK	74.0	-25.6	1.36 V	336	42.3	6.1
6	4874.00	35.3 AV	54.0	-18.7	1.36 V	336	29.2	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

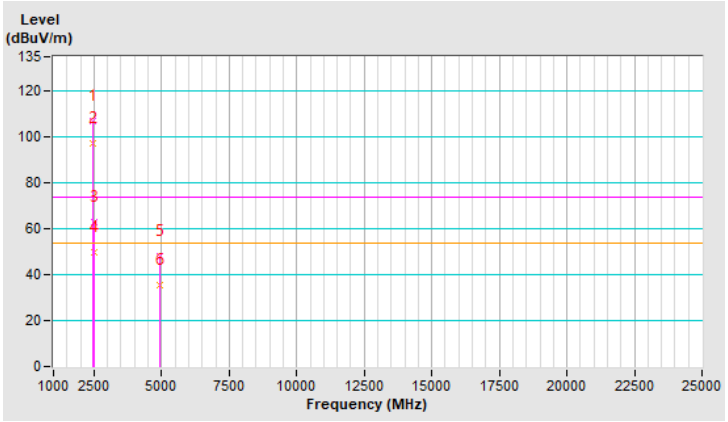


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	106.9 PK			1.78 H	317	72.5	34.4
2	*2462.00	97.2 AV			1.78 H	317	62.8	34.4
3	2483.50	63.2 PK	74.0	-10.8	1.82 H	322	28.8	34.4
4	2483.50	49.5 AV	54.0	-4.5	1.82 H	322	15.1	34.4
5	4924.00	48.2 PK	74.0	-25.8	1.55 H	31	42.1	6.1
6	4924.00	35.2 AV	54.0	-18.8	1.55 H	31	29.1	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

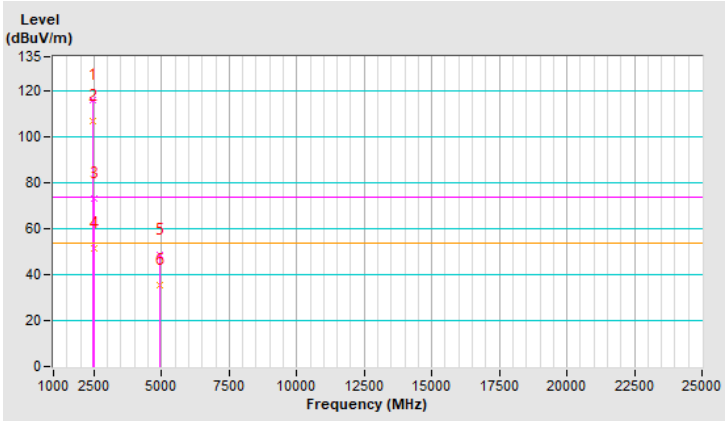


操 作 模 式 ：	發射 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	116.2 PK			1.22 V	342	81.8	34.4
2	*2462.00	106.7 AV			1.22 V	342	72.3	34.4
3	**2483.50**	**73.0 PK**	**74.0**	**-1.0**	**1.18 V**	**340**	**38.6**	**34.4**
4	2483.50	51.6 AV	54.0	-2.4	1.18 V	340	17.2	34.4
5	4924.00	48.4 PK	74.0	-25.6	1.39 V	335	42.3	6.1
6	4924.00	35.4 AV	54.0	-18.6	1.39 V	335	29.3	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

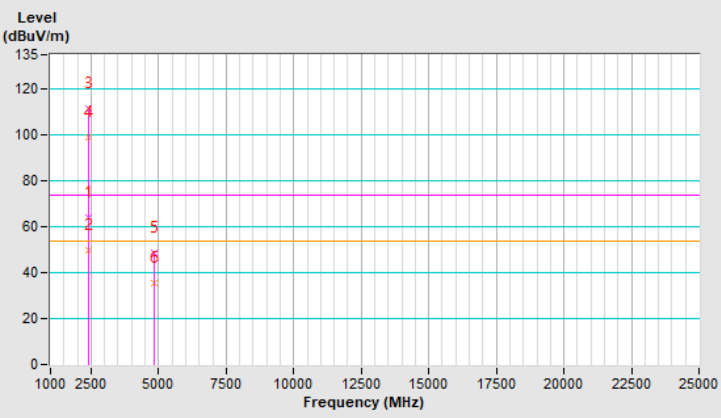


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	64.0 PK	74.0	-10.0	1.69 H	335	29.6	34.4
2	2390.00	49.7 AV	54.0	-4.3	1.69 H	335	15.3	34.4
3	*2412.00	111.3 PK			1.58 H	321	77.0	34.3
4	*2412.00	99.0 AV			1.58 H	321	64.7	34.3
5	4824.00	48.8 PK	74.0	-25.2	2.22 H	218	42.6	6.2
6	4824.00	35.2 AV	54.0	-18.8	2.22 H	218	29.0	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

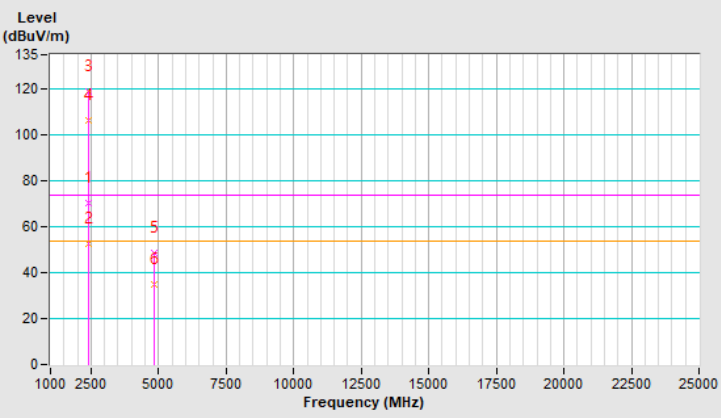


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.1 PK	74.0	-3.9	1.73 V	352	35.7	34.4
2	2390.00	52.7 AV	54.0	-1.3	1.73 V	352	18.3	34.4
3	*2412.00	119.2 PK			1.15 V	339	84.9	34.3
4	*2412.00	106.6 AV			1.15 V	339	72.3	34.3
5	4824.00	48.5 PK	74.0	-25.5	2.56 V	223	42.3	6.2
6	4824.00	34.8 AV	54.0	-19.2	2.56 V	223	28.6	6.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

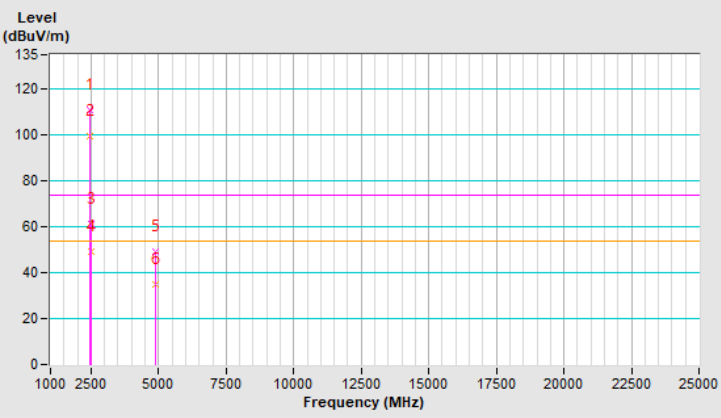


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	111.2 PK			1.74 H	316	76.9	34.3
2	*2437.00	99.5 AV			1.74 H	316	65.2	34.3
3	2483.50	61.3 PK	74.0	-12.7	1.79 H	322	26.9	34.4
4	2483.50	49.1 AV	54.0	-4.9	1.79 H	322	14.7	34.4
5	4874.00	49.4 PK	74.0	-24.6	2.21 H	219	43.3	6.1
6	4874.00	35.1 AV	54.0	-18.9	2.21 H	219	29.0	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

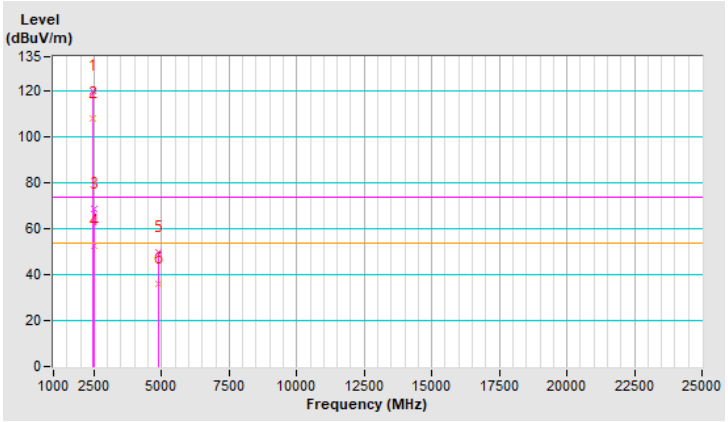


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	120.0 PK			2.09 V	355	85.7	34.3
2	*2437.00	108.2 AV			2.09 V	355	73.9	34.3
3	2483.50	68.6 PK	74.0	-5.4	1.82 V	357	34.2	34.4
4	2483.50	52.6 AV	54.0	-1.4	1.82 V	357	18.2	34.4
5	4874.00	49.6 PK	74.0	-24.4	1.56 V	319	43.5	6.1
6	4874.00	35.9 AV	54.0	-18.1	1.56 V	319	29.8	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

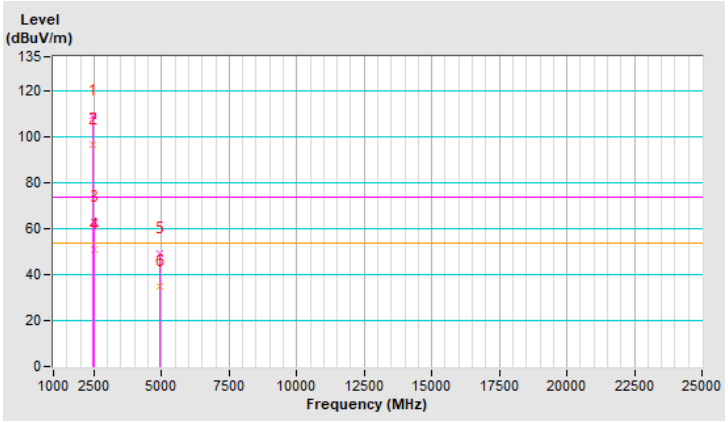


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.0 PK			1.81 H	356	74.6	34.4
2	*2462.00	96.7 AV			1.81 H	356	62.3	34.4
3	2483.50	63.2 PK	74.0	-10.8	1.85 H	344	28.8	34.4
4	2483.50	51.0 AV	54.0	-3.0	1.85 H	344	16.6	34.4
5	4924.00	49.4 PK	74.0	-24.6	2.64 H	186	43.3	6.1
6	4924.00	34.9 AV	54.0	-19.1	2.64 H	186	28.8	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

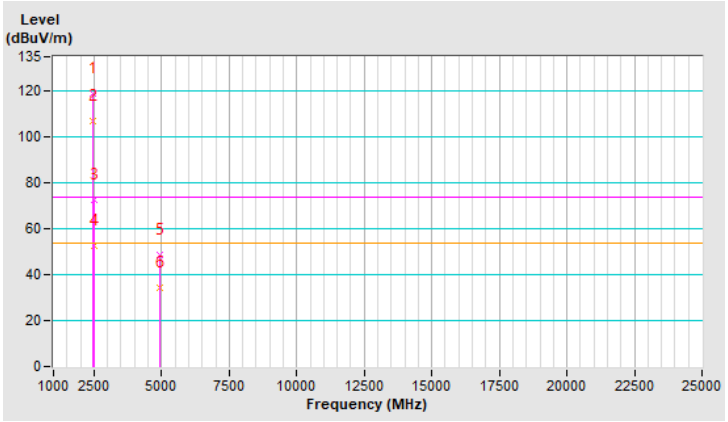


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	118.9 PK			1.21 V	344	84.5	34.4
2	*2462.00	106.7 AV			1.21 V	344	72.3	34.4
3	2483.50	72.8 PK	74.0	-1.2	1.83 V	358	38.4	34.4
4	2483.50	52.4 AV	54.0	-1.6	1.83 V	358	18.0	34.4
5	4924.00	48.7 PK	74.0	-25.3	1.59 V	318	42.6	6.1
6	4924.00	34.6 AV	54.0	-19.4	1.59 V	318	28.5	6.1
7	7386.00	-	-	-	-	-	-	-
8	#9848.00	-	-	-	-	-	-	-
9	12310.00	-	-	-	-	-	-	-
10	#14772.00	-	-	-	-	-	-	-
11	#17234.00	-	-	-	-	-	-	-
12	19696.00	-	-	-	-	-	-	-
13	22158.00	-	-	-	-	-	-	-
14	#24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

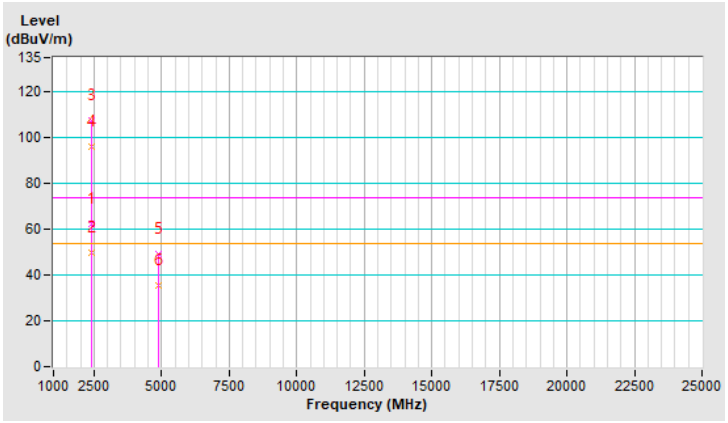


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 3：2422 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.1 PK	74.0	-11.9	1.63 H	326	27.7	34.4
2	2390.00	49.8 AV	54.0	-4.2	1.63 H	326	15.4	34.4
3	*2422.00	107.6 PK			1.59 H	321	73.3	34.3
4	*2422.00	95.9 AV			1.59 H	321	61.6	34.3
5	4844.00	-	-	-	-	-	-	-
6	4874.00	49.3 PK	74.0	-24.7	1.99 H	326	43.2	6.1
7	4874.00	35.2 AV	54.0	-18.8	1.99 H	326	29.1	6.1
8	7266.00	-	-	-	-	-	-	-
9	#9688.00	-	-	-	-	-	-	-
10	12110.00	-	-	-	-	-	-	-
11	#14532.00	-	-	-	-	-	-	-
12	#16954.00	-	-	-	-	-	-	-
13	19376.00	-	-	-	-	-	-	-
14	#21798.00	-	-	-	-	-	-	-
15	#24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

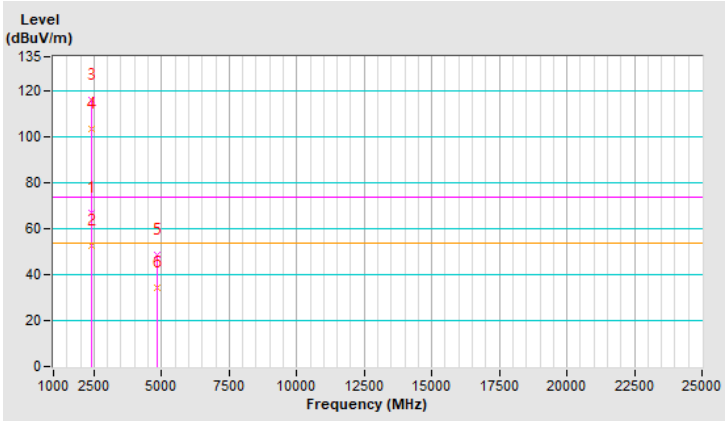


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 3：2422 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	67.1 PK	74.0	-6.9	1.42 V	319	32.7	34.4
2	2390.00	52.4 AV	54.0	-1.6	1.42 V	319	18.0	34.4
3	*2422.00	116.4 PK			1.17 V	340	82.1	34.3
4	*2422.00	103.8 AV			1.17 V	340	69.5	34.3
5	4844.00	48.9 PK	74.0	-25.1	1.62 V	310	42.8	6.1
6	4844.00	34.5 AV	54.0	-19.5	1.62 V	310	28.4	6.1
7	7266.00	-	-	-	-	-	-	-
8	#9688.00	-	-	-	-	-	-	-
9	12110.00	-	-	-	-	-	-	-
10	#14532.00	-	-	-	-	-	-	-
11	#16954.00	-	-	-	-	-	-	-
12	19376.00	-	-	-	-	-	-	-
13	#21798.00	-	-	-	-	-	-	-
14	#24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

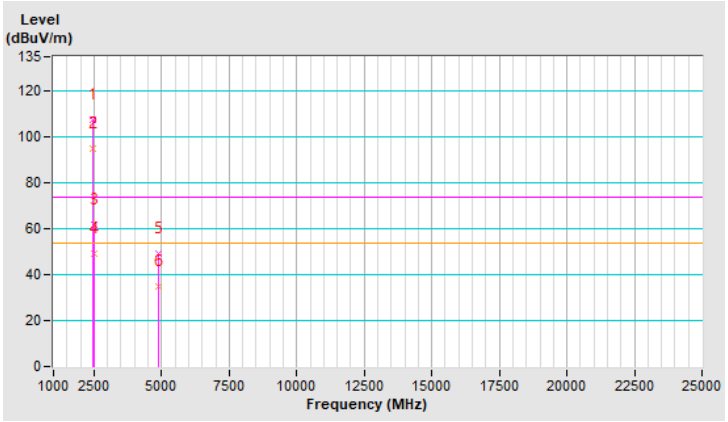


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	107.5 PK			1.74 H	319	73.2	34.3
2	*2437.00	95.2 AV			1.74 H	319	60.9	34.3
3	2483.50	62.0 PK	74.0	-12.0	1.79 H	326	27.6	34.4
4	2483.50	49.0 AV	54.0	-5.0	1.79 H	326	14.6	34.4
5	4874.00	49.3 PK	74.0	-24.7	2.06 H	269	43.2	6.1
6	4874.00	34.9 AV	54.0	-19.1	2.06 H	269	28.8	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

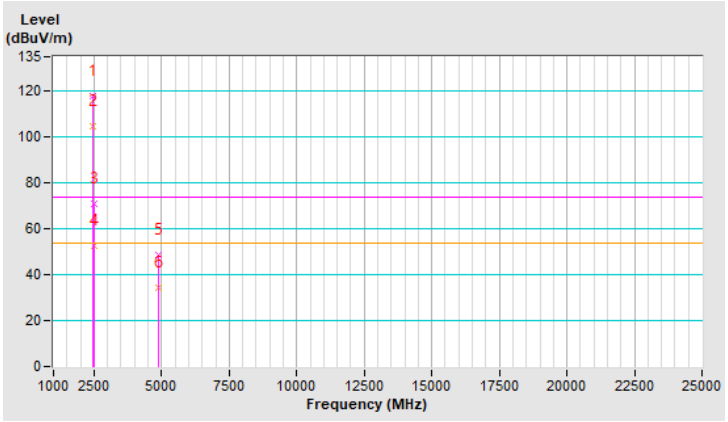


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	118.0 PK			1.22 V	346	83.7	34.3
2	*2437.00	104.4 AV			1.22 V	346	70.1	34.3
3	2483.50	71.1 PK	74.0	-2.9	1.16 V	345	36.7	34.4
4	2483.50	52.4 AV	54.0	-1.6	1.16 V	345	18.0	34.4
5	4874.00	48.5 PK	74.0	-25.5	1.52 V	339	42.4	6.1
6	4874.00	34.4 AV	54.0	-19.6	1.52 V	339	28.3	6.1
7	7311.00	-	-	-	-	-	-	-
8	#9748.00	-	-	-	-	-	-	-
9	12185.00	-	-	-	-	-	-	-
10	#14622.00	-	-	-	-	-	-	-
11	#17059.00	-	-	-	-	-	-	-
12	19496.00	-	-	-	-	-	-	-
13	#21933.00	-	-	-	-	-	-	-
14	#24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

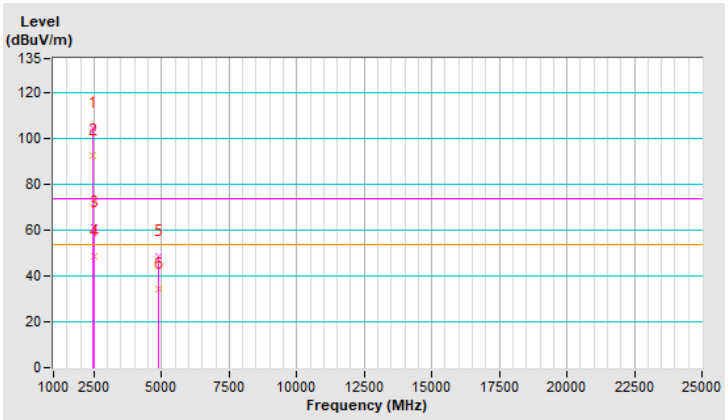


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 9：2452 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	104.9 PK			1.75 H	319	70.6	34.3
2	*2452.00	92.8 AV			1.75 H	319	58.5	34.3
3	2483.50	61.0 PK	74.0	-13.0	1.64 H	322	26.6	34.4
4	2483.50	48.9 AV	54.0	-5.1	1.64 H	322	14.5	34.4
5	4904.00	48.6 PK	74.0	-25.4	1.86 H	264	42.5	6.1
6	4904.00	34.6 AV	54.0	-19.4	1.86 H	264	28.5	6.1
7	7356.00	-	-	-	-	-	-	-
8	#9808.00	-	-	-	-	-	-	-
9	12260.00	-	-	-	-	-	-	-
10	#14712.00	-	-	-	-	-	-	-
11	#17164.00	-	-	-	-	-	-	-
12	19616.00	-	-	-	-	-	-	-
13	22068.00	-	-	-	-	-	-	-
14	#24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

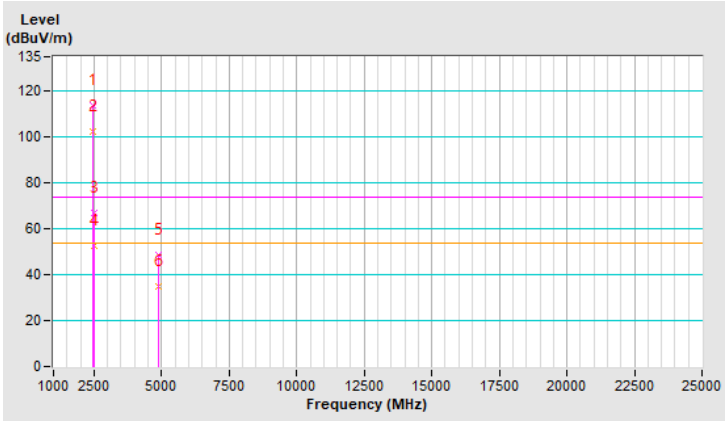


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 9：2452 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	114.1 PK			2.05 V	352	79.8	34.3
2	*2452.00	102.5 AV			2.05 V	352	68.2	34.3
3	2483.50	67.2 PK	74.0	-6.8	2.02 V	359	32.8	34.4
4	2483.50	52.8 AV	54.0	-1.2	2.02 V	359	18.4	34.4
5	4904.00	48.8 PK	74.0	-25.2	1.58 V	309	42.7	6.1
6	4904.00	34.7 AV	54.0	-19.3	1.58 V	309	28.6	6.1
7	7356.00	-	-	-	-	-	-	-
8	#9808.00	-	-	-	-	-	-	-
9	12260.00	-	-	-	-	-	-	-
10	#14712.00	-	-	-	-	-	-	-
11	#17164.00	-	-	-	-	-	-	-
12	19616.00	-	-	-	-	-	-	-
13	22068.00	-	-	-	-	-	-	-
14	#24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



4.6.2 接收諧波

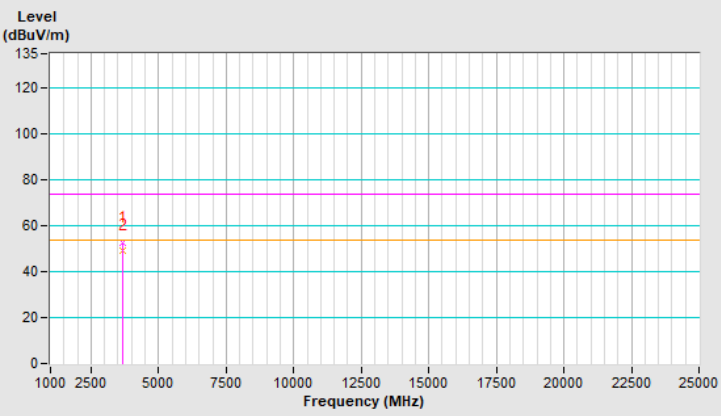
2G traffic radio (Radio 1)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3655.00	52.4 PK	74.0	-21.6	1.58 H	16	50.5	1.9
2	**3655.00**	**49.4 AV**	**54.0**	**-4.6**	**1.58 H**	**16**	**47.5**	**1.9**

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

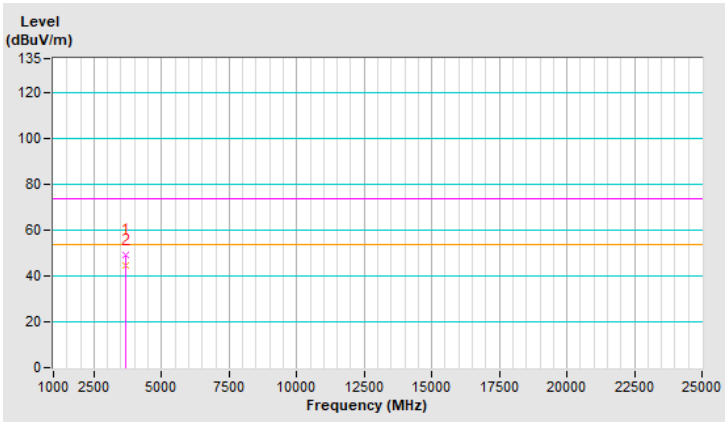


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3655.00	49.2 PK	74.0	-24.8	1.57 V	314	47.3	1.9
2	3655.00	44.9 AV	54.0	-9.1	1.57 V	314	43.0	1.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



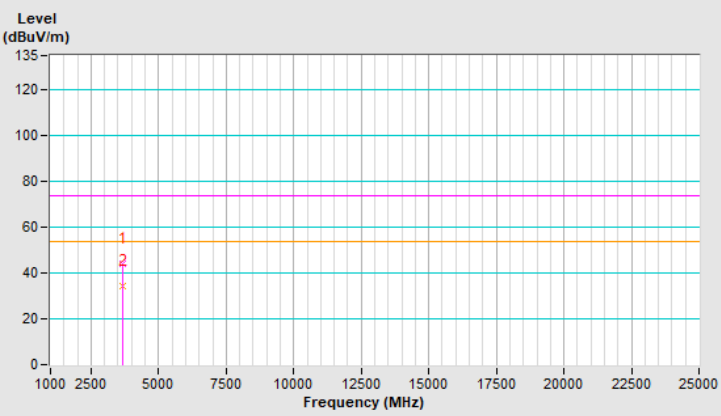
Scanning radio (Radio 3)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3693.00	44.2 PK	74.0	-29.8	1.67 H	188	42.2	2.0
2	3693.00	34.6 AV	54.0	-19.4	1.67 H	188	32.6	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

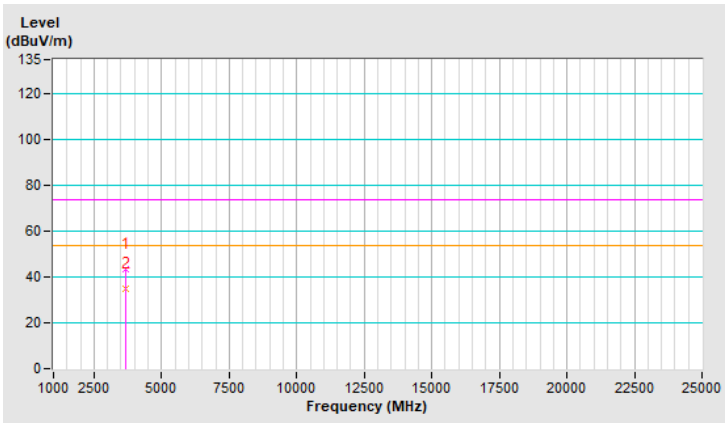


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3693.00	43.4 PK	74.0	-30.6	2.19 V	256	41.4	2.0
2	3693.00	34.7 AV	54.0	-19.3	2.19 V	256	32.7	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



4.6.3 其它不必要之訊號

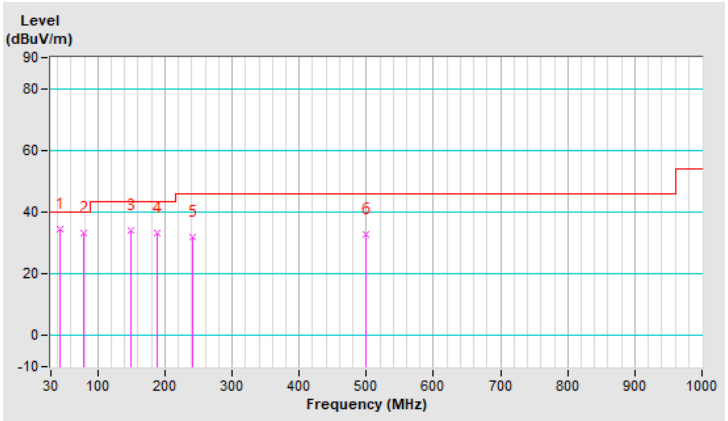
2G traffic radio (Radio 1)

操 作 模 式 ：	發射接收 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.06	34.6 QP	40.0	-5.4	1.00 H	229	43.8	-9.2
2	79.20	33.2 QP	40.0	-6.8	1.50 H	152	46.3	-13.1
3	149.49	34.2 QP	43.5	-9.3	1.50 H	173	42.8	-8.6
4	187.45	33.2 QP	43.5	-10.3	1.00 H	243	43.9	-10.7
5	240.87	31.8 QP	46.0	-14.2	2.00 H	61	40.9	-9.1
6	499.54	32.8 QP	46.0	-13.2	1.50 H	210	35.1	-2.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

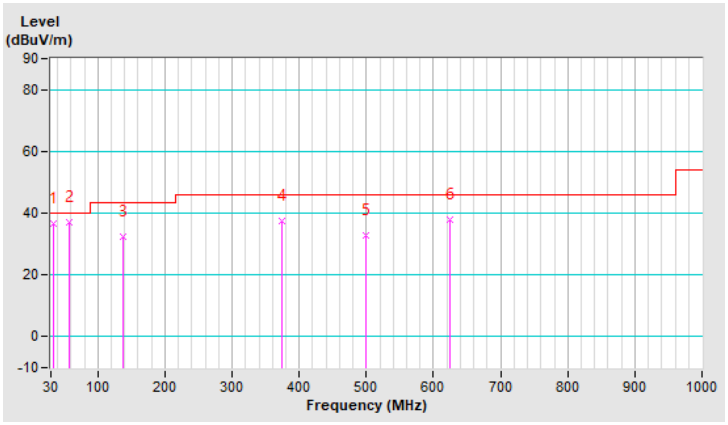


操 作 模 式 ：	發射接收 802.11g	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.22	36.6 QP	40.0	-3.4	1.00 V	187	47.1	-10.5
2	**56.71**	**37.0 QP**	**40.0**	**-3.0**	**1.50 V**	**315**	**46.3**	**-9.3**
3	138.25	32.4 QP	43.5	-11.1	1.00 V	300	41.5	-9.1
4	374.42	37.3 QP	46.0	-8.7	1.50 V	145	42.4	-5.1
5	499.54	32.7 QP	46.0	-13.3	1.50 V	322	35.0	-2.3
6	624.65	38.0 QP	46.0	-8.0	2.00 V	166	37.2	0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



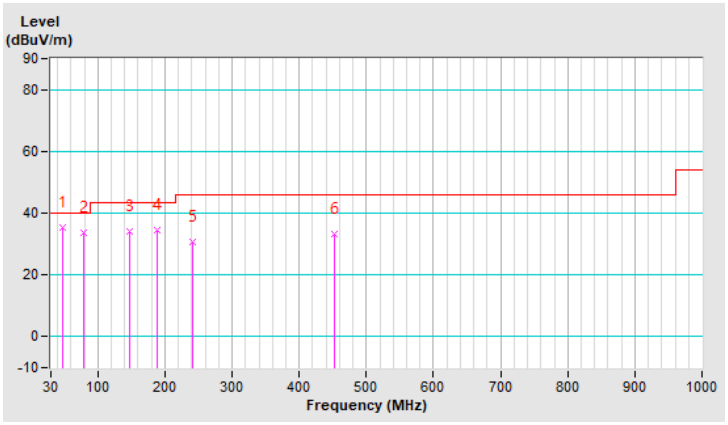
Scanning radio (Radio 3)

操 作 模 式 ：	發射接收 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	46.87	35.3 QP	40.0	-4.7	1.00 H	254	44.5	-9.2
2	79.20	33.7 QP	40.0	-6.3	1.50 H	130	46.8	-13.1
3	146.68	34.1 QP	43.5	-9.4	1.00 H	168	42.7	-8.6
4	187.45	34.4 QP	43.5	-9.1	1.50 H	248	45.1	-10.7
5	240.87	30.8 QP	46.0	-15.2	1.50 H	260	39.9	-9.1
6	453.14	33.1 QP	46.0	-12.9	2.00 H	154	36.3	-3.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

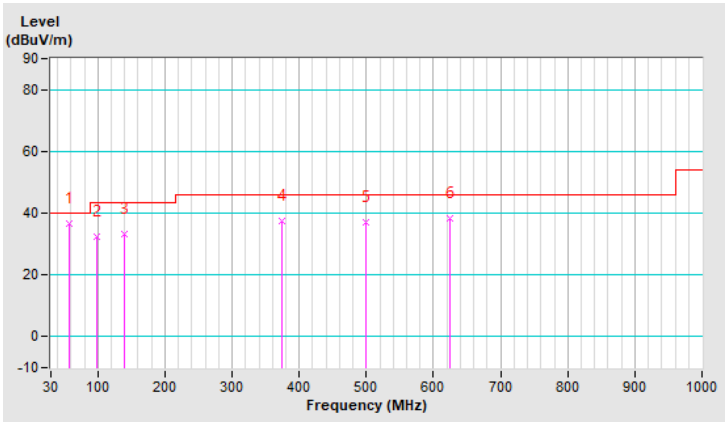


操 作 模 式 ：	發射接收 802.11b	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.71	36.8 QP	40.0	-3.2	1.00 V	15	46.1	-9.3
2	98.88	32.5 QP	43.5	-11.0	1.00 V	73	46.0	-13.5
3	139.65	33.4 QP	43.5	-10.1	1.00 V	324	42.4	-9.0
4	374.42	37.4 QP	46.0	-8.6	1.50 V	139	42.5	-5.1
5	499.54	36.9 QP	46.0	-9.1	2.00 V	340	39.2	-2.3
6	624.65	38.1 QP	46.0	-7.9	1.00 V	345	37.3	0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.7 配置照片

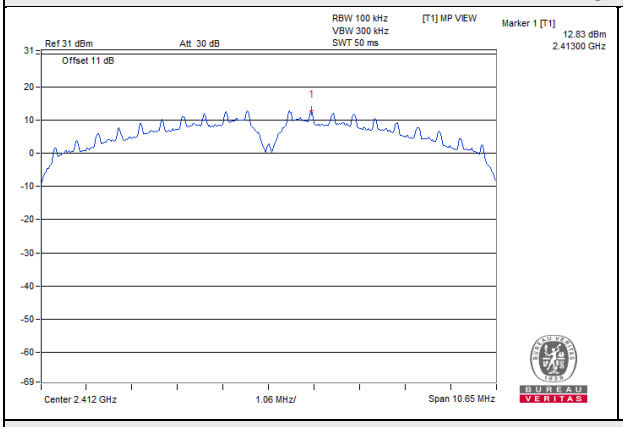
請參閱附件測試設置照片(BV CPS 報告編號：RTBDYS-WTW-P20110911A_TSup)。

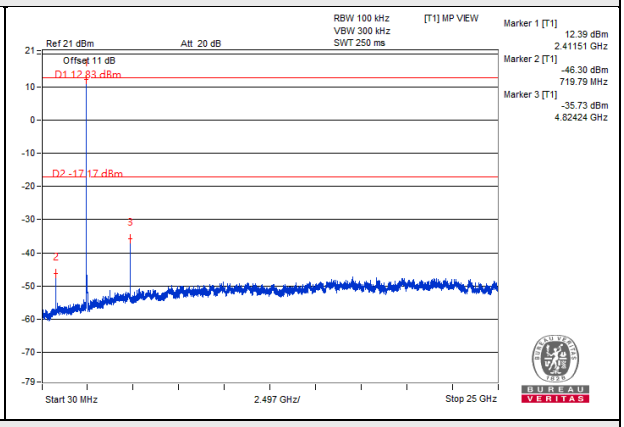
4.8 帶外發射之量測 (傳導)

2G traffic radio (Radio 1)

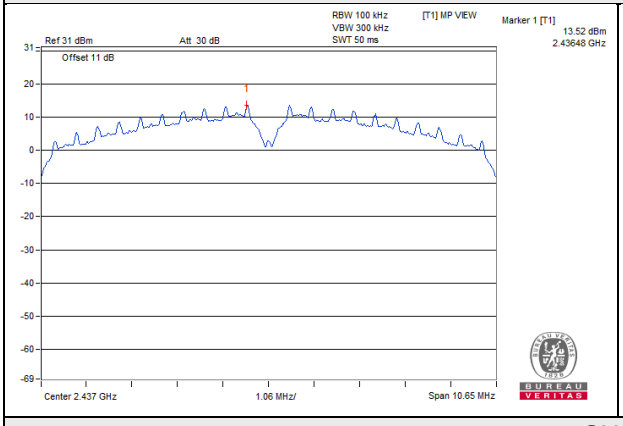
802.11b_Chain 0

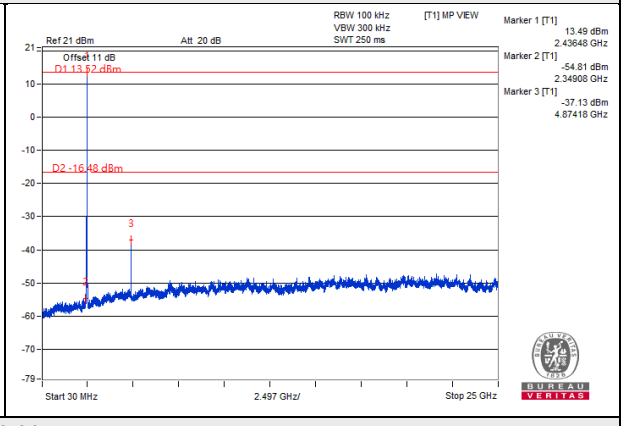
CH 1





CH 6





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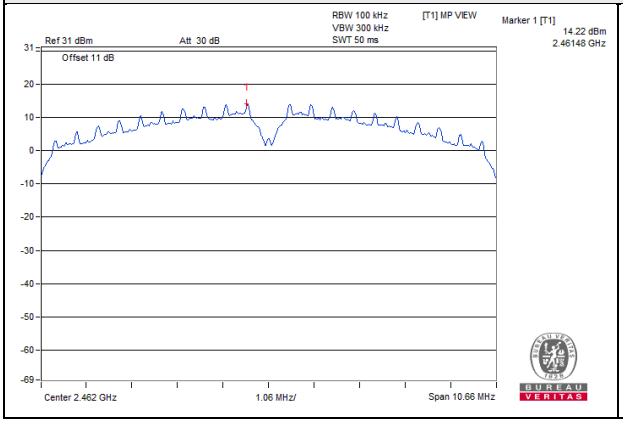
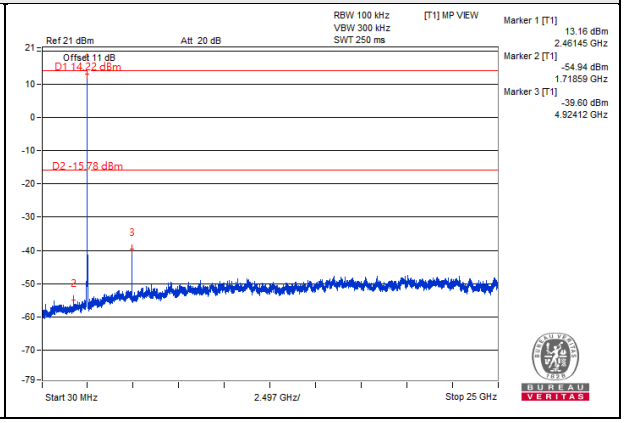
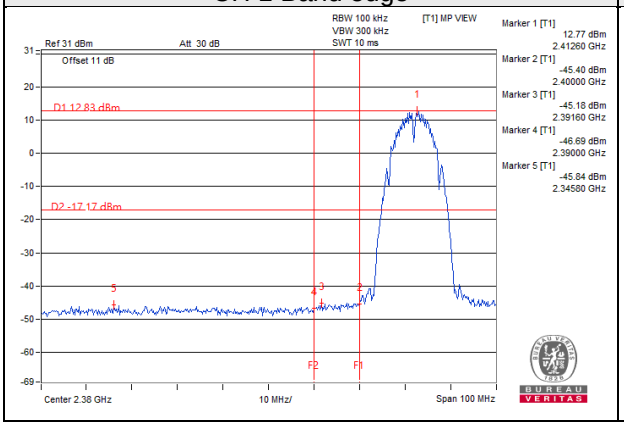
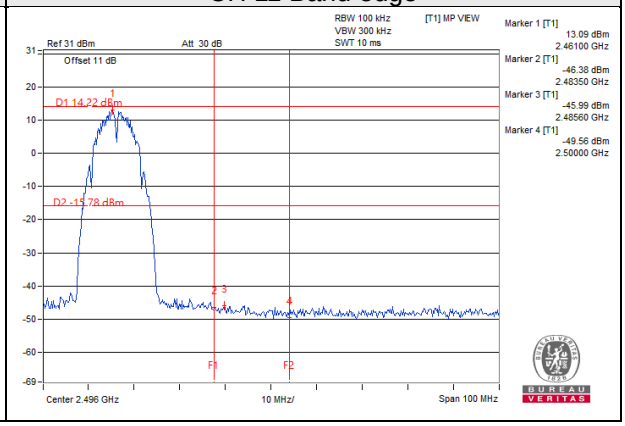




CH 1 Band edge	CH 11 Band edge
	

802.11b_Chain 1

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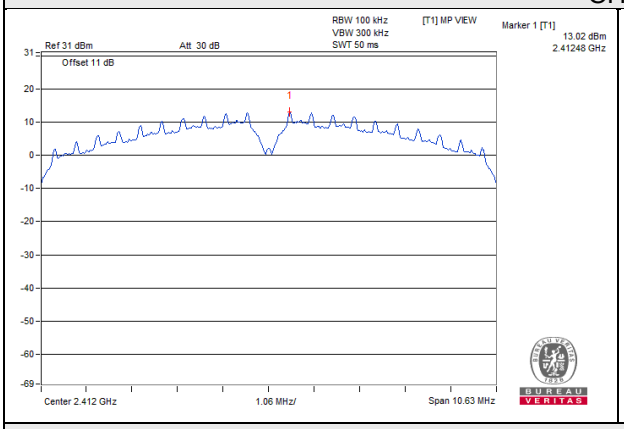	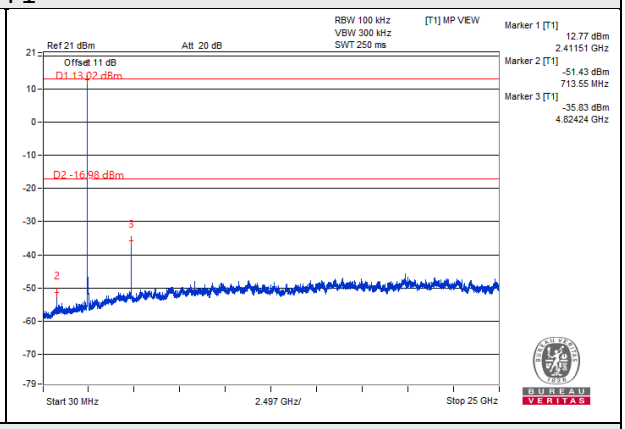
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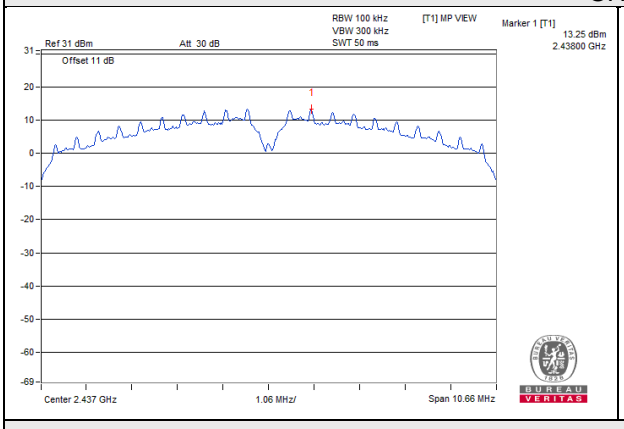	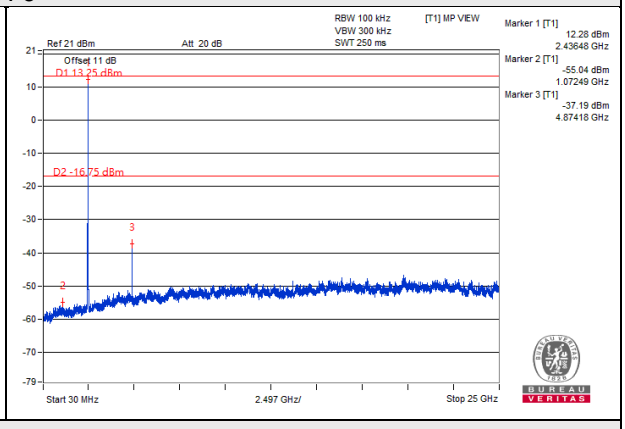
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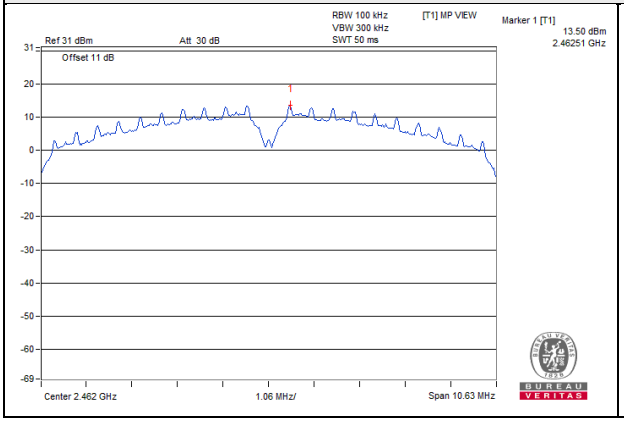
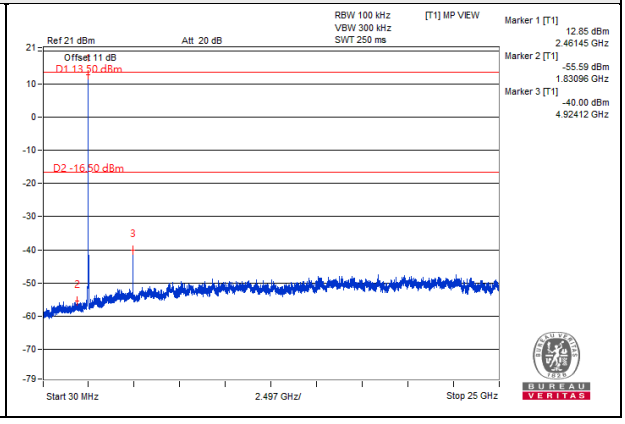
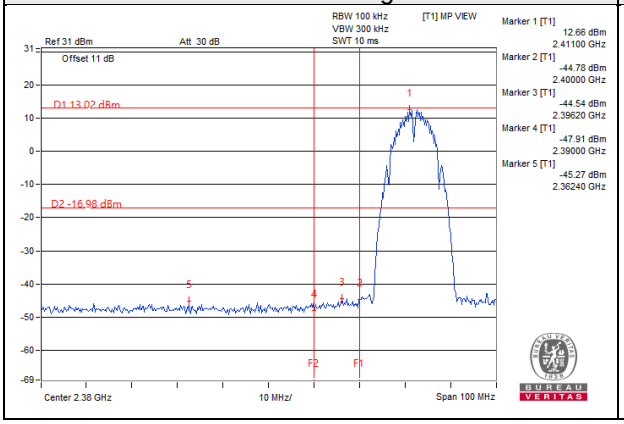
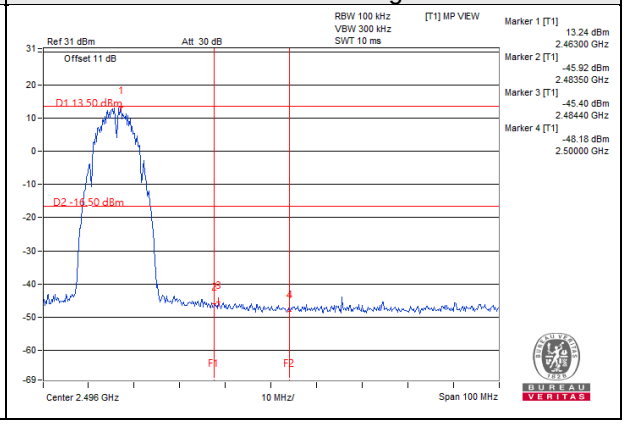
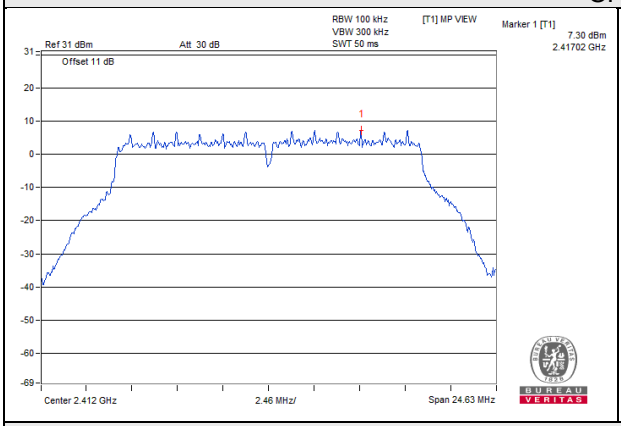
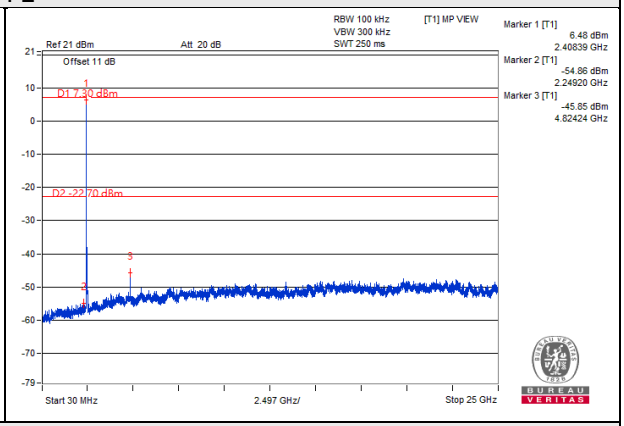
	

CH 1 Band edge	CH 11 Band edge
	

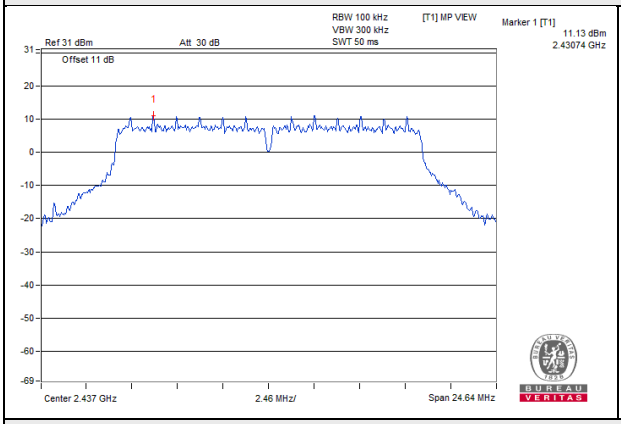
802.11g_Chain 0

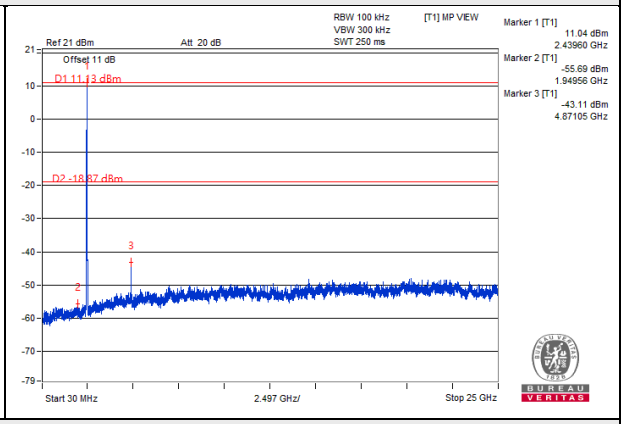
CH 1





CH 6





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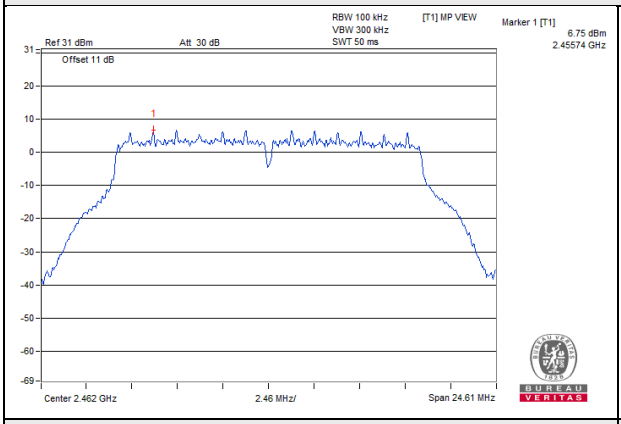

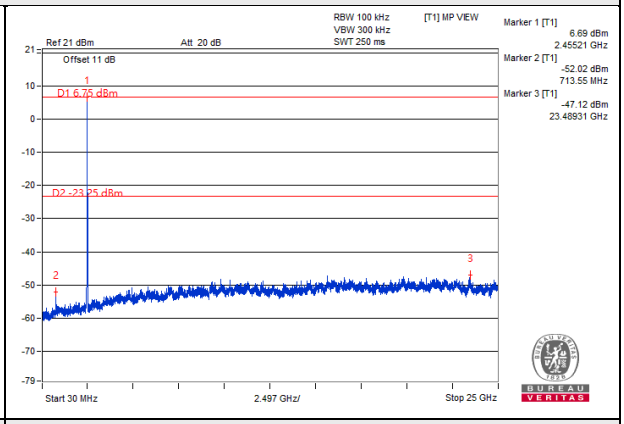

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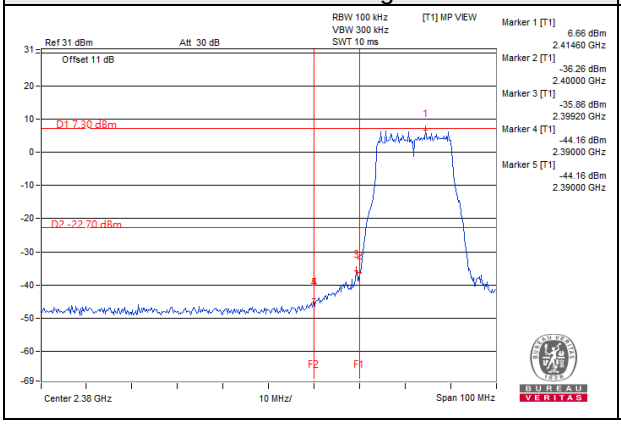

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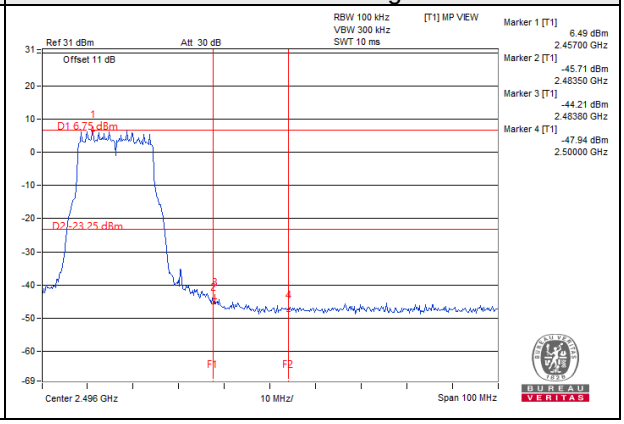
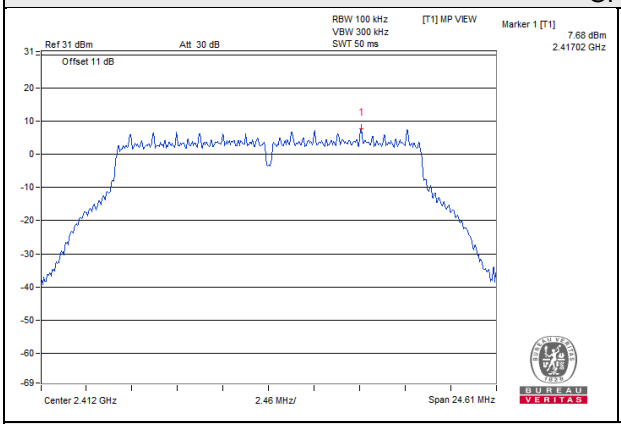
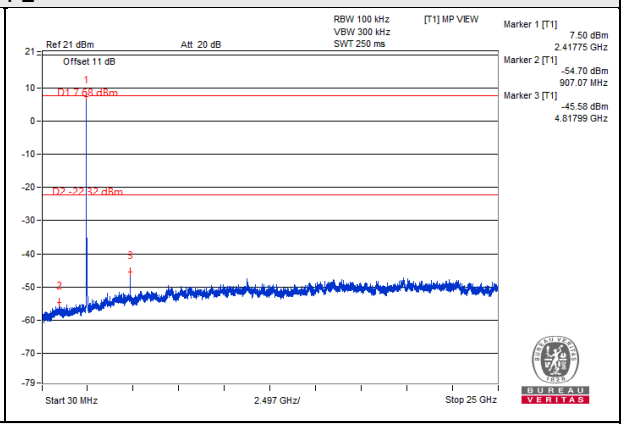


802.11g_Chain 1

CH 1





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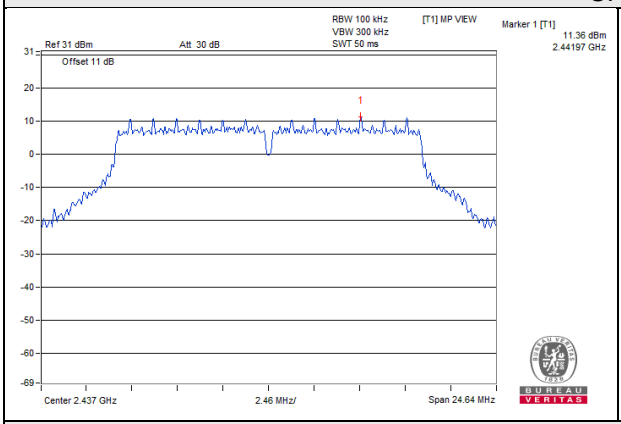

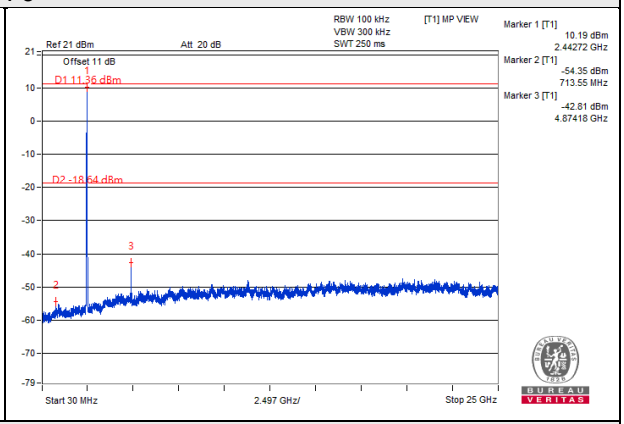

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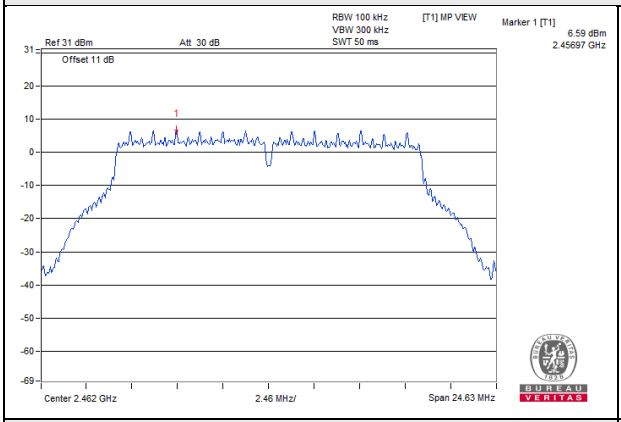
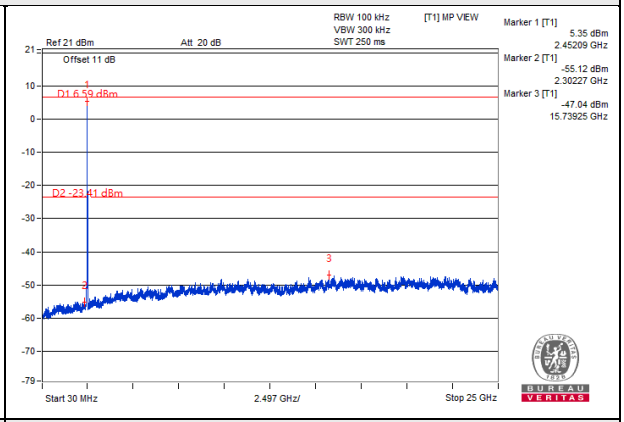
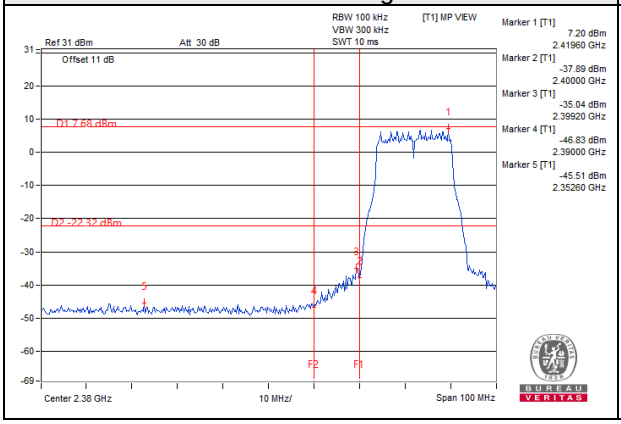




CH 1 Band edge



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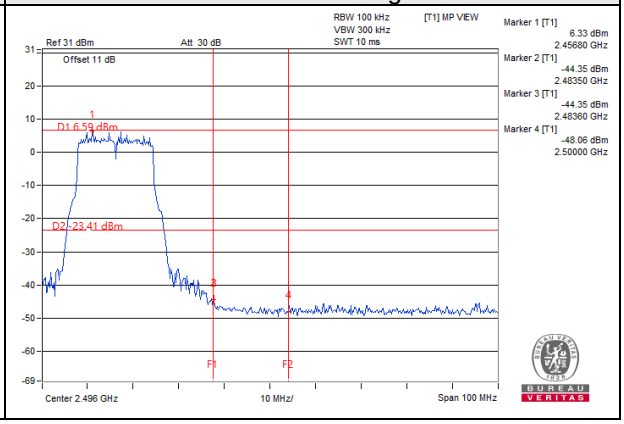
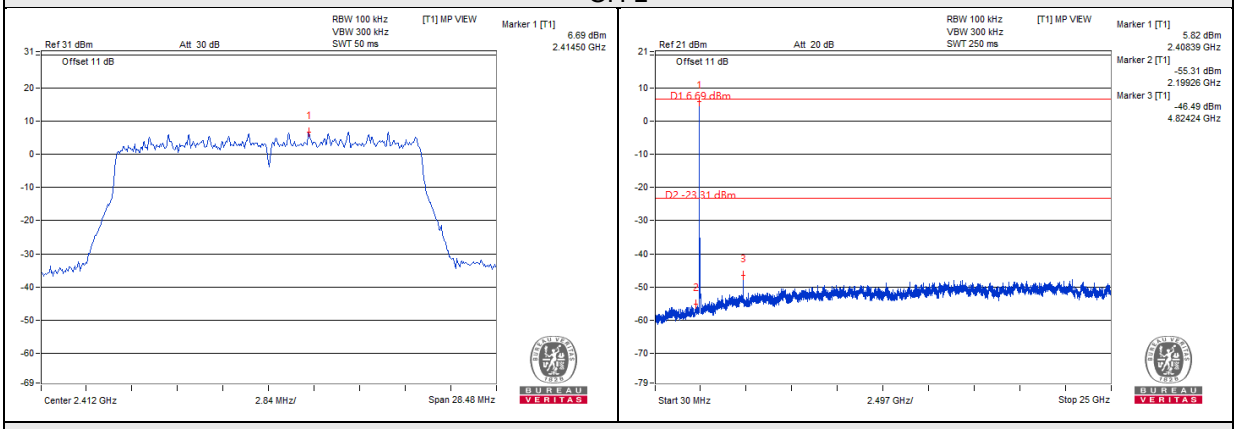


802.11ax (HE20)_Chain 0

CH 1



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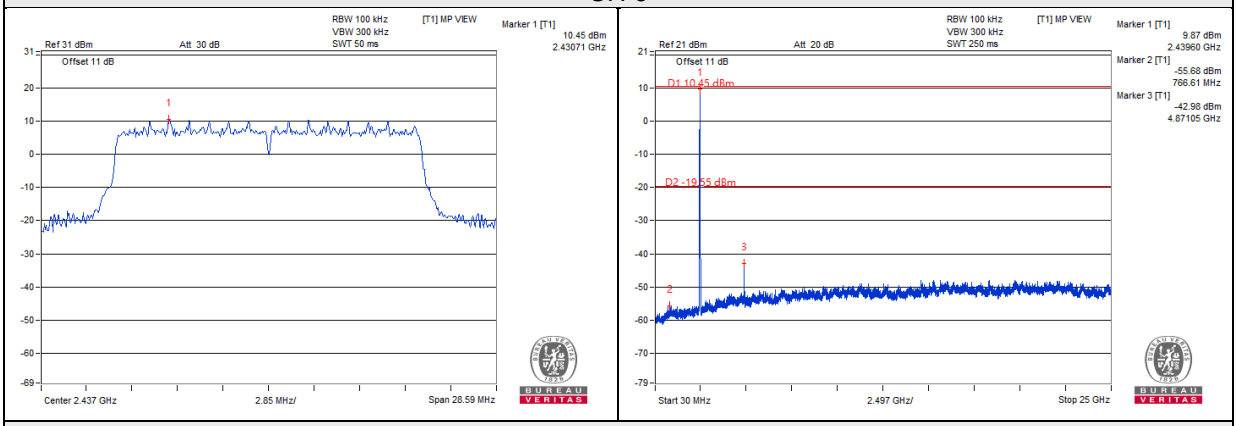

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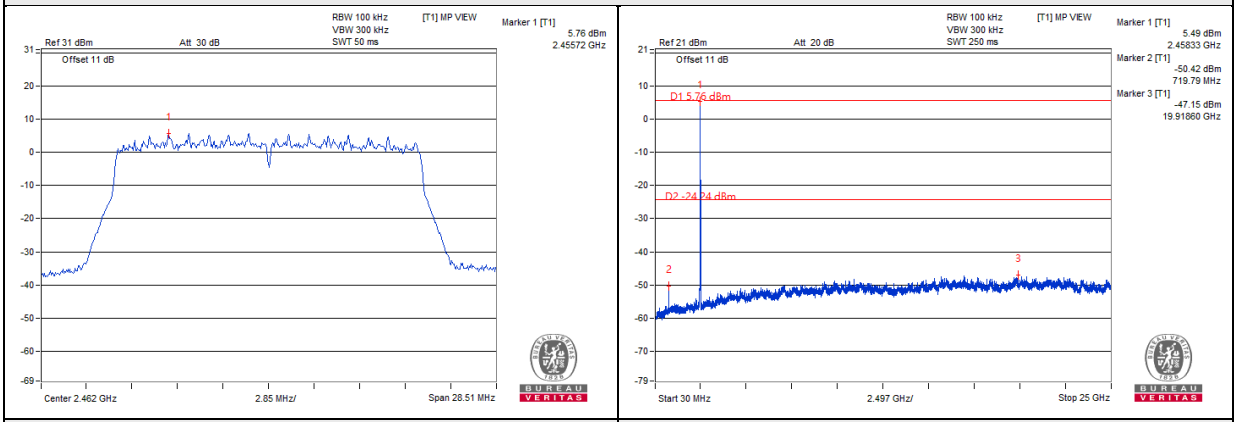

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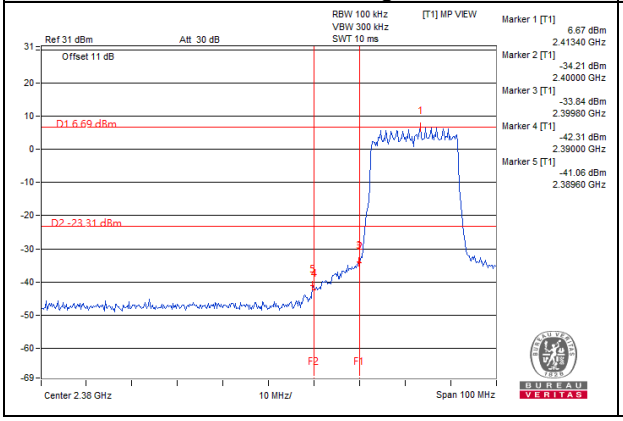

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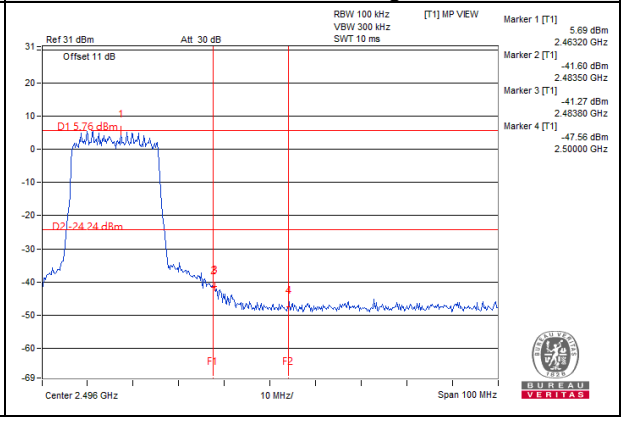
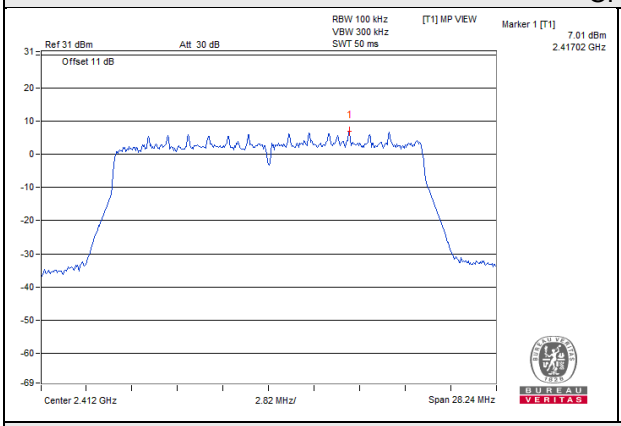
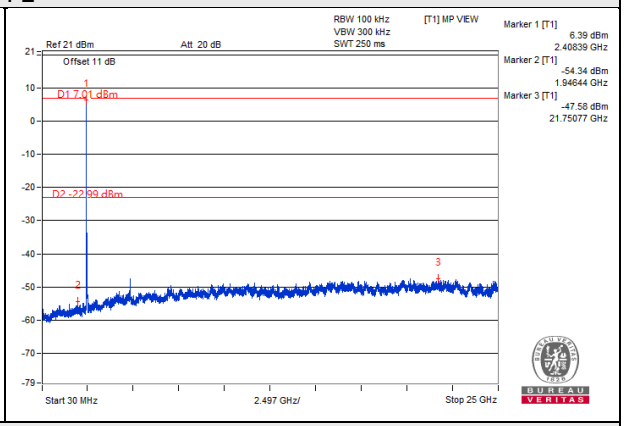


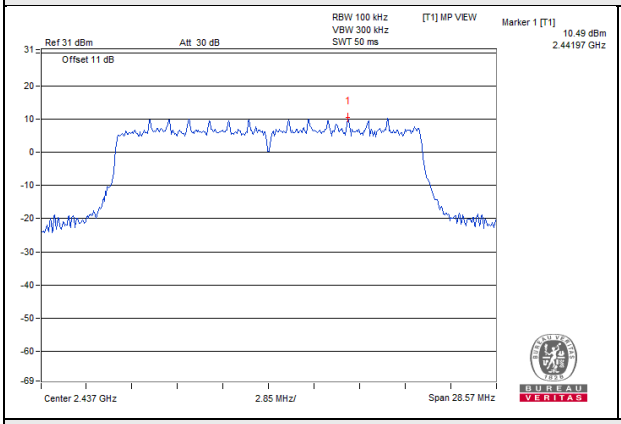
802.11ax (HE20)_Chain 1

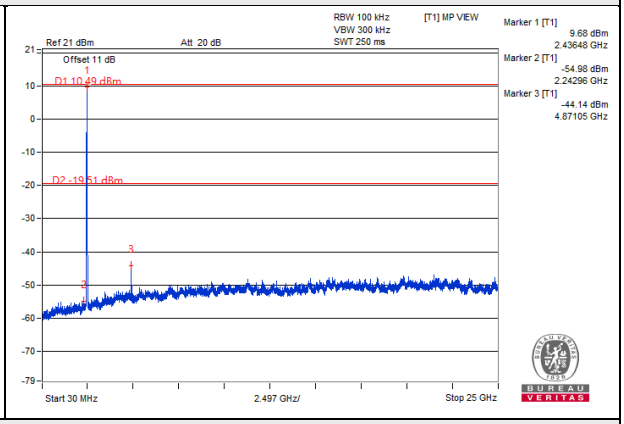
CH 1



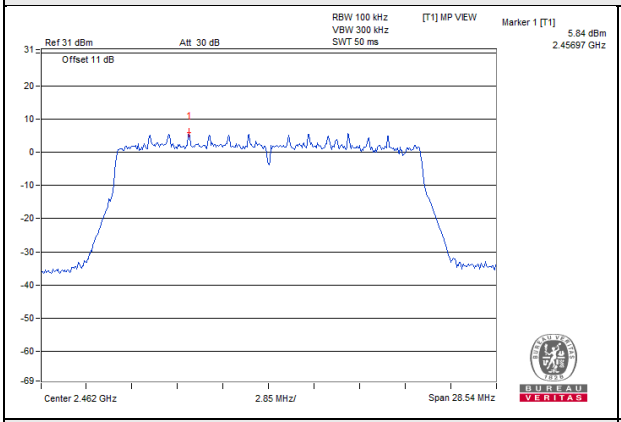


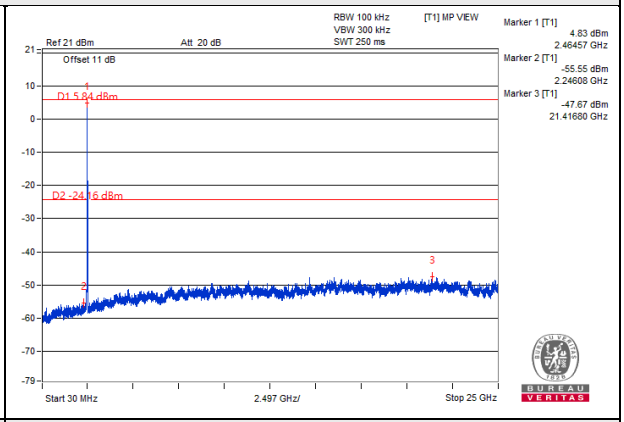
CH 6



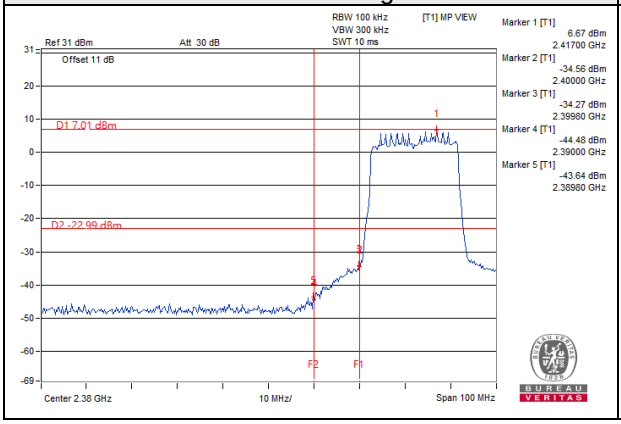


CH 11

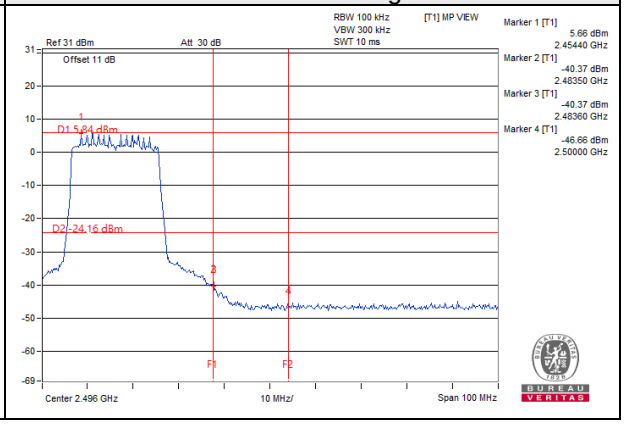




CH 1 Band edge

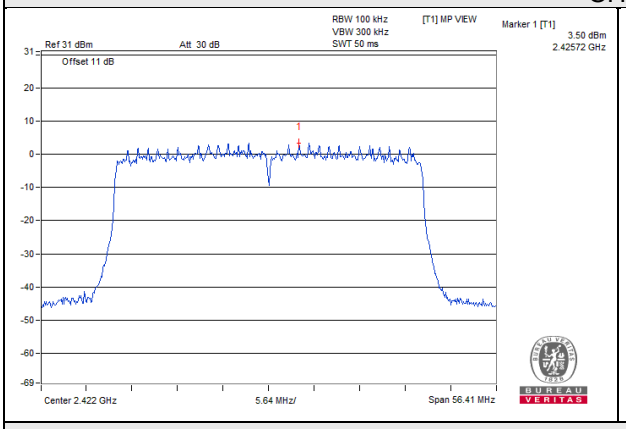


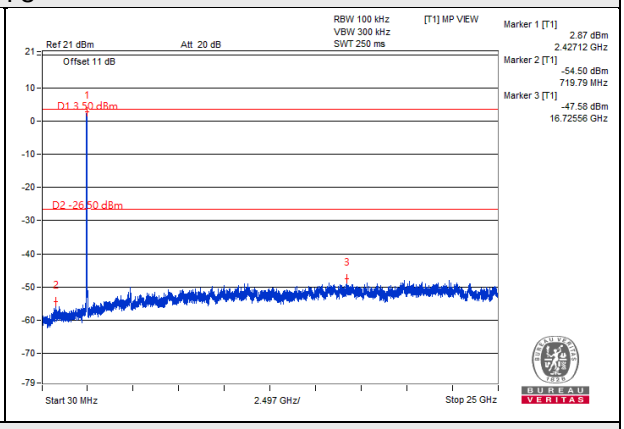
CH 11 Band edge



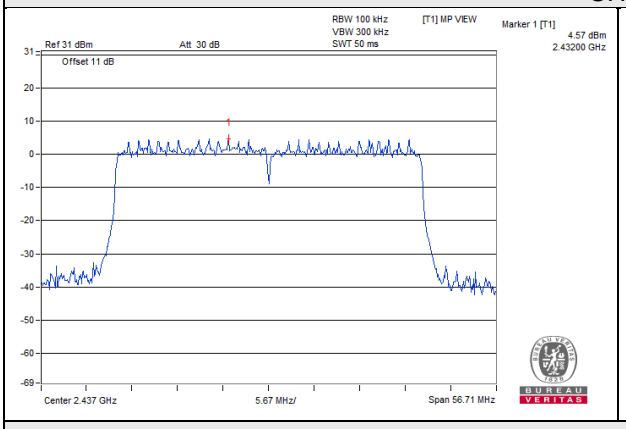
802.11ax (HE40)_Chain 0

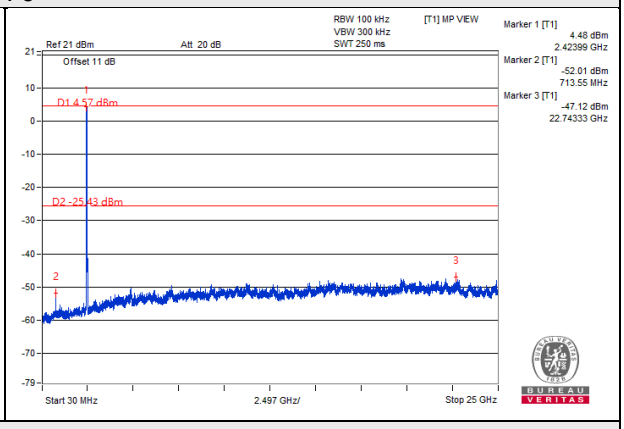
CH 3





CH 6





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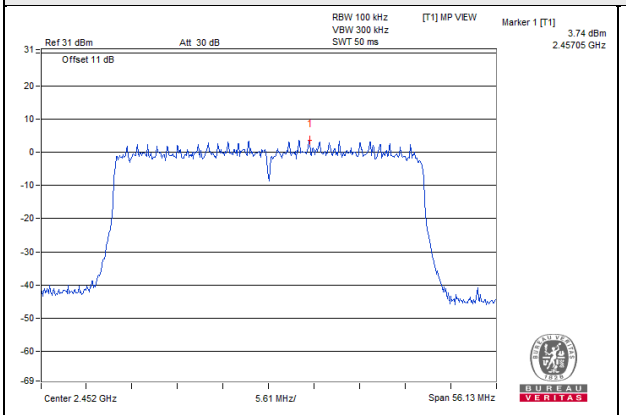
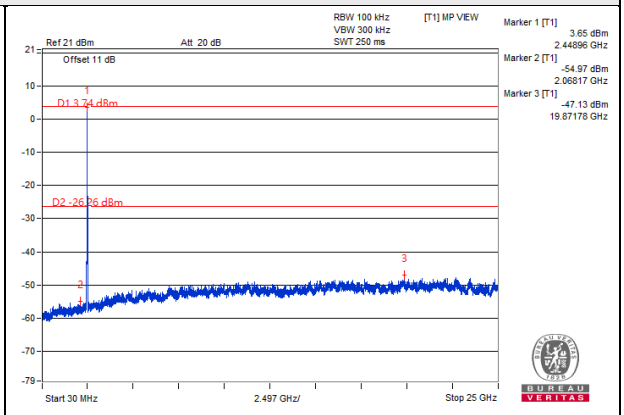
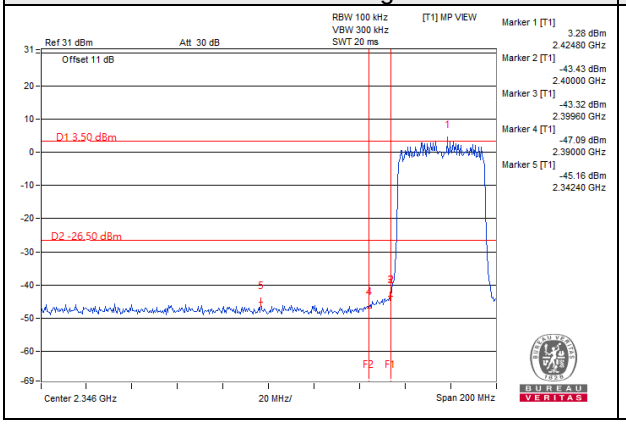




CH 3 Band edge



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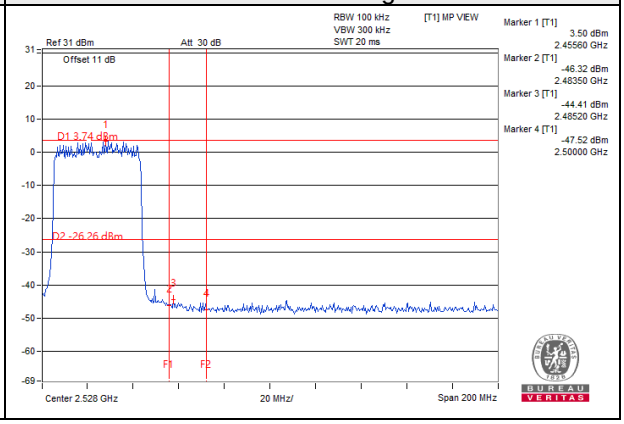
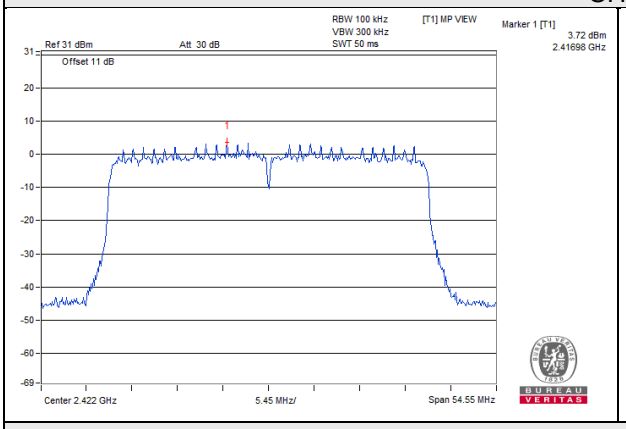
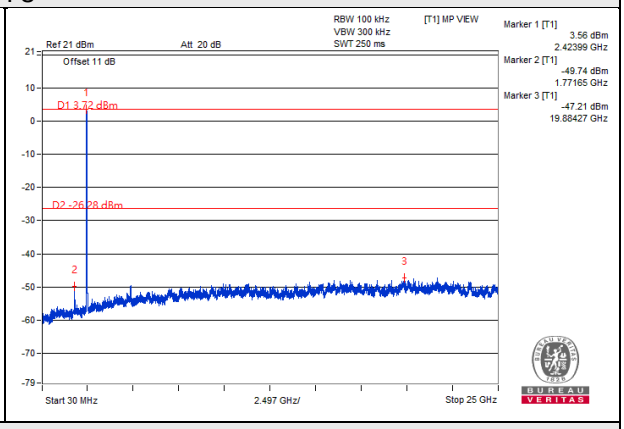


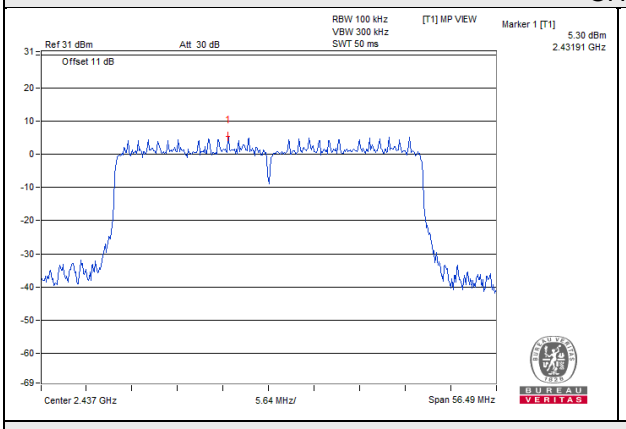
802.11ax (HE40)_Chain 1

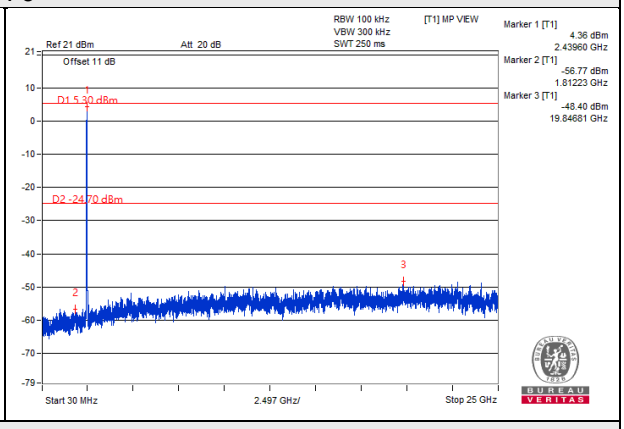
CH 3





CH 6





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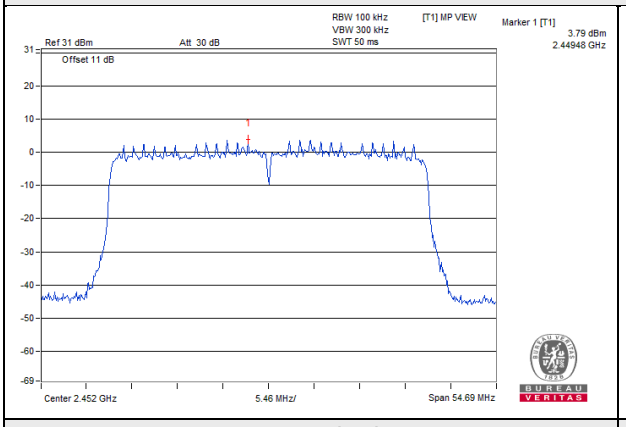
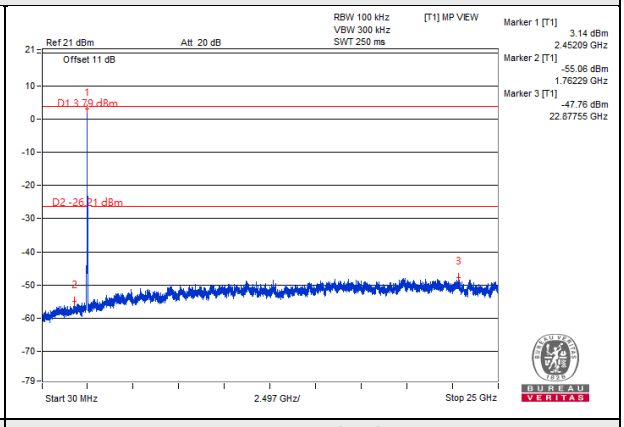
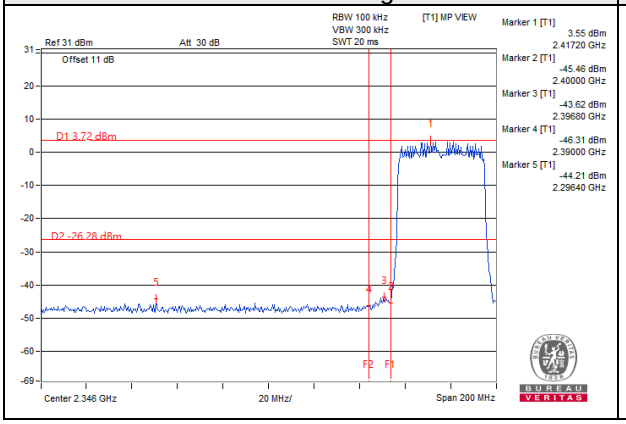




CH 3 Band edge



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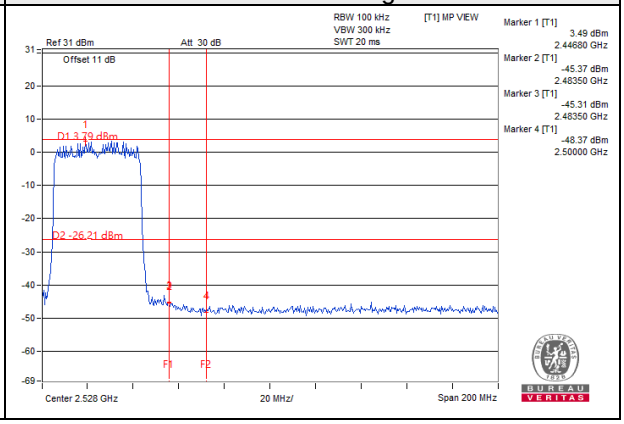
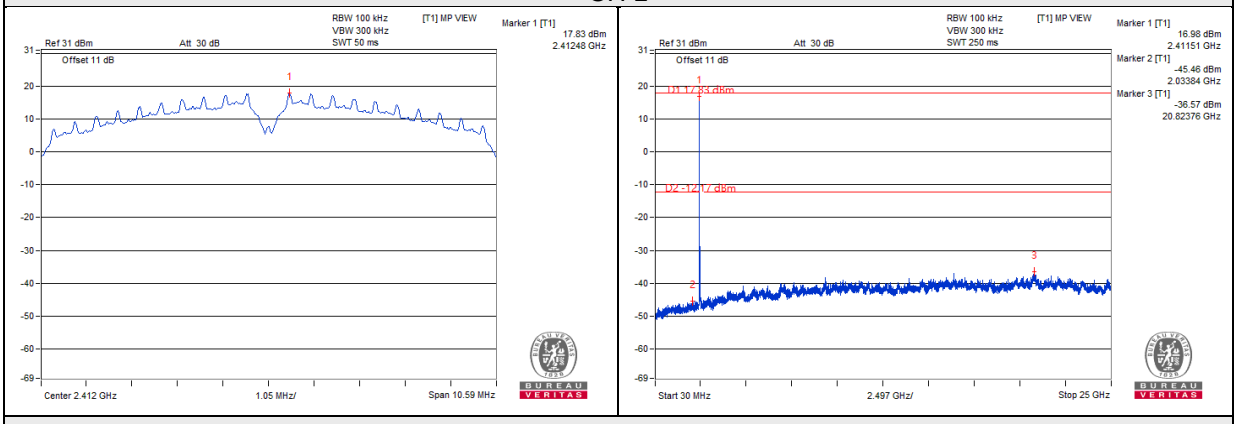


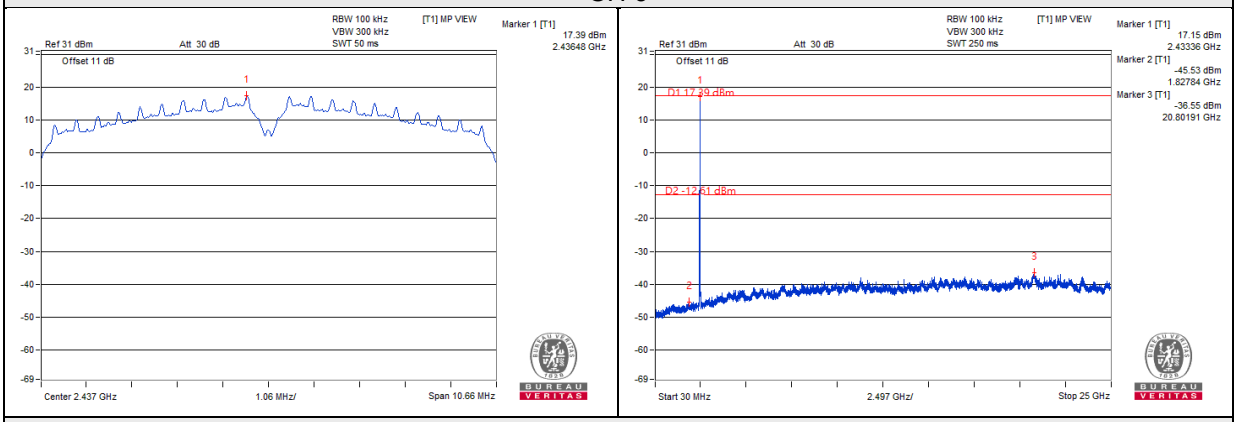
Scanning radio (Radio 3)

802.11b_Chain 0

CH 1



CH 6



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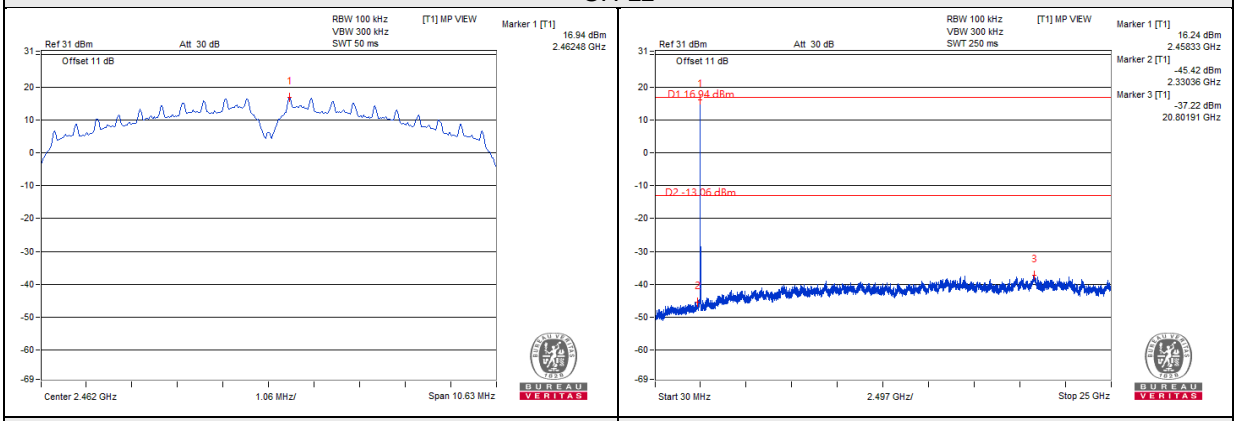
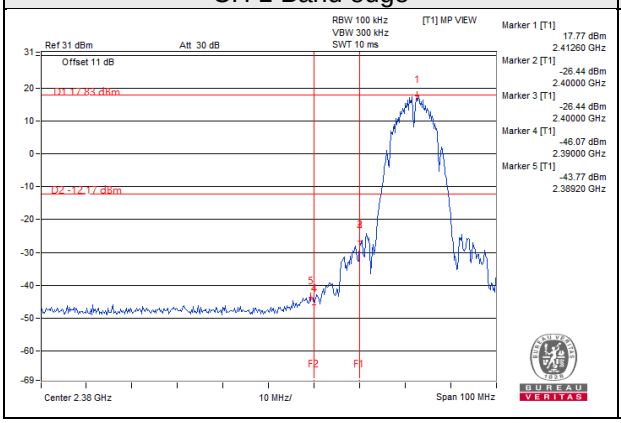


CH 1 Band edge



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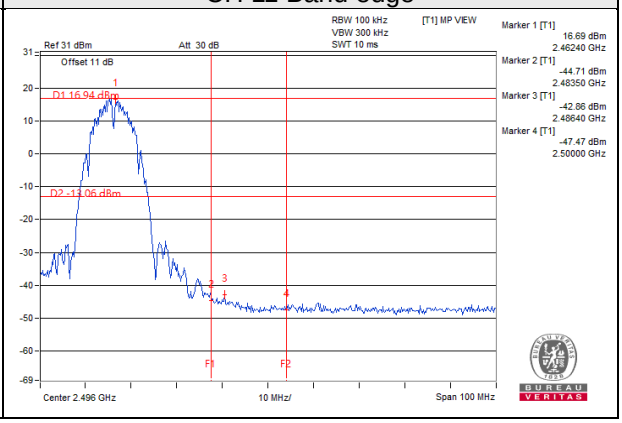
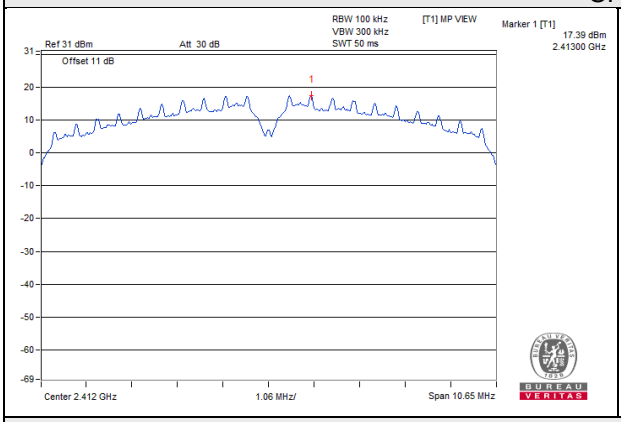
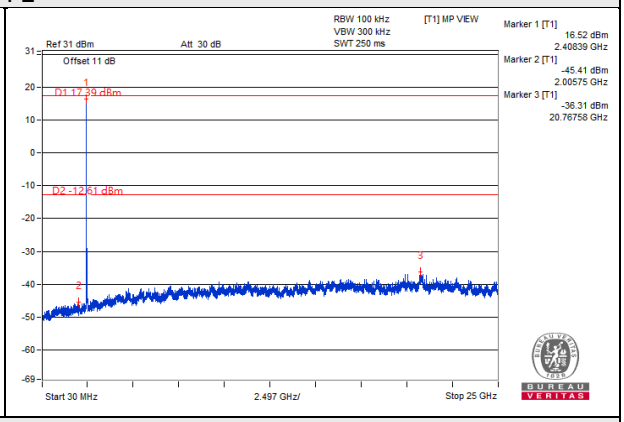


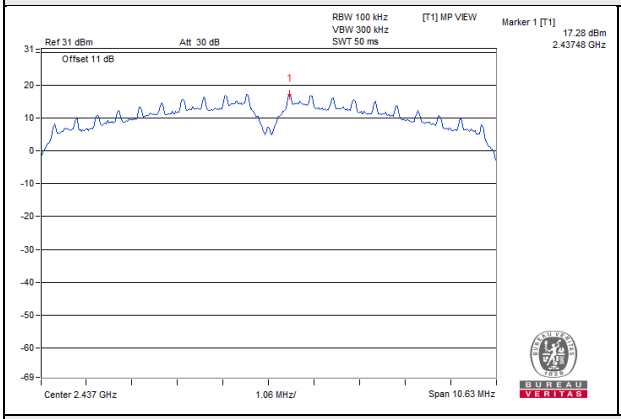
802.11b_Chain 1

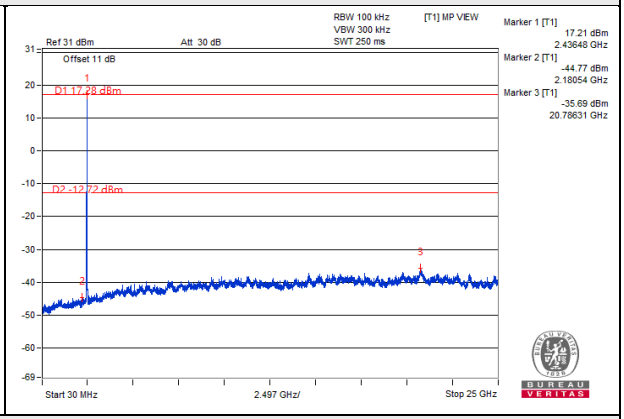
CH 1



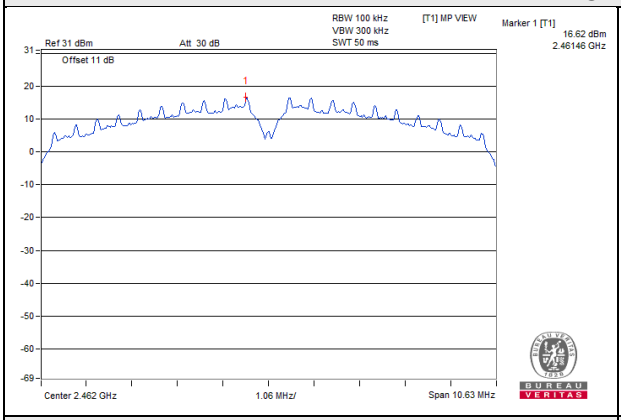


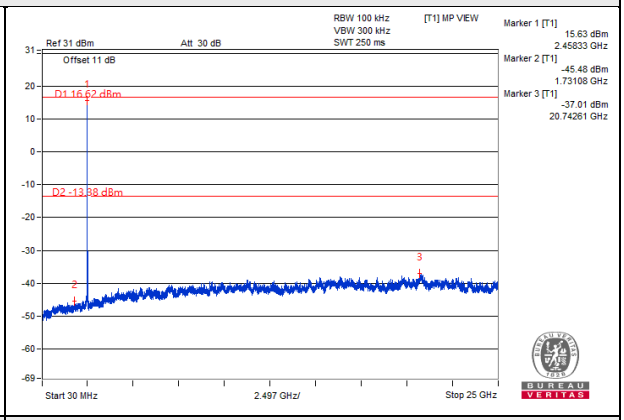
CH 6



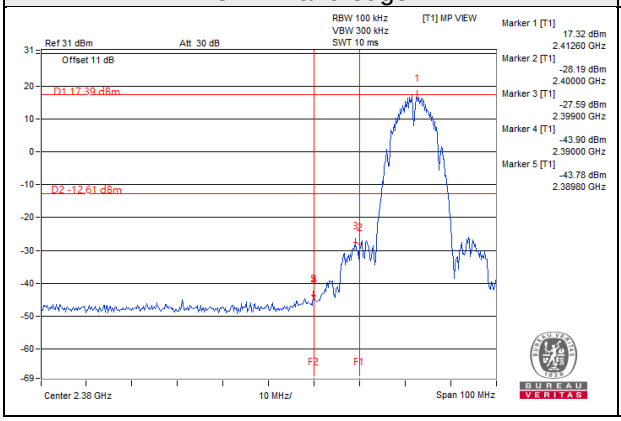


CH 11

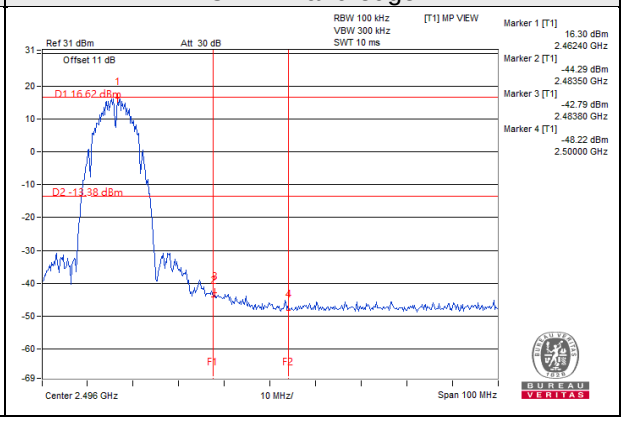




CH 1 Band edge

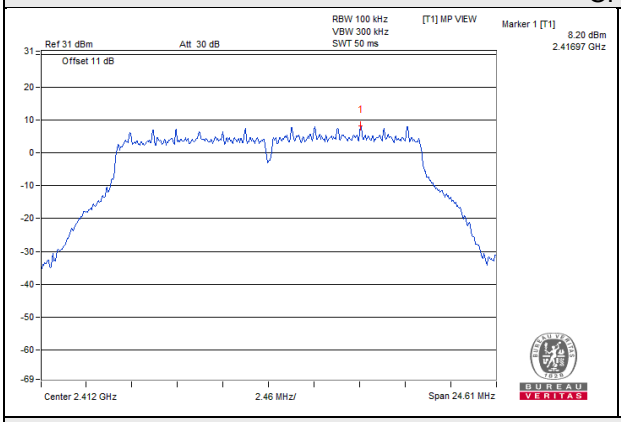


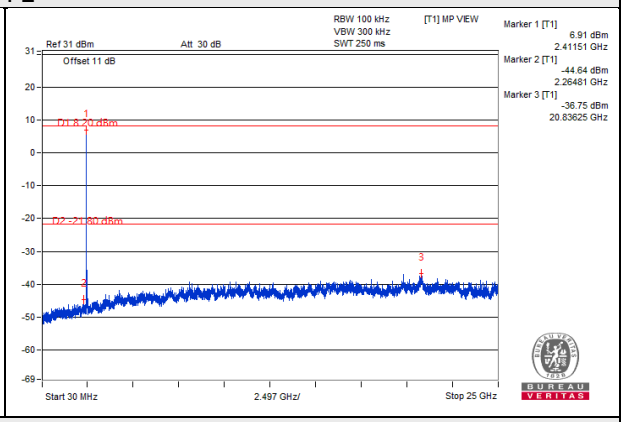
CH 11 Band edge



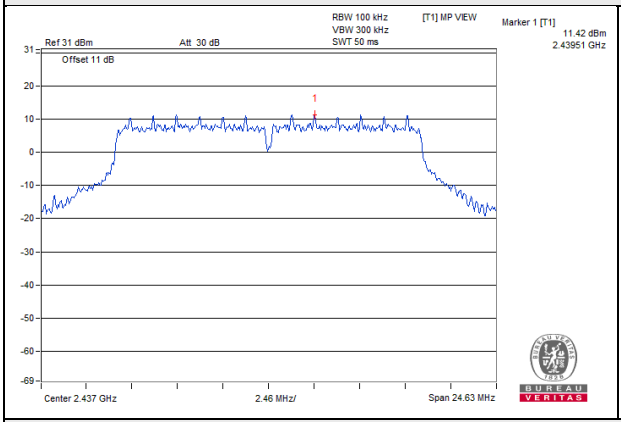
802.11g_Chain 0

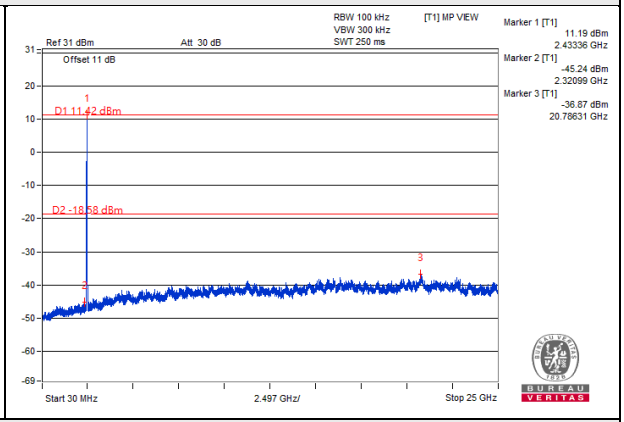
CH 1



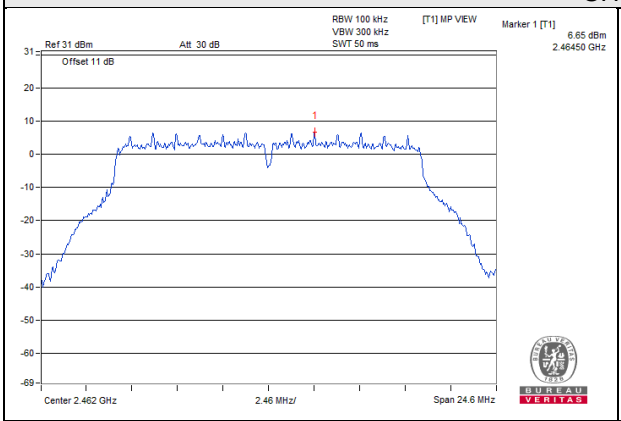


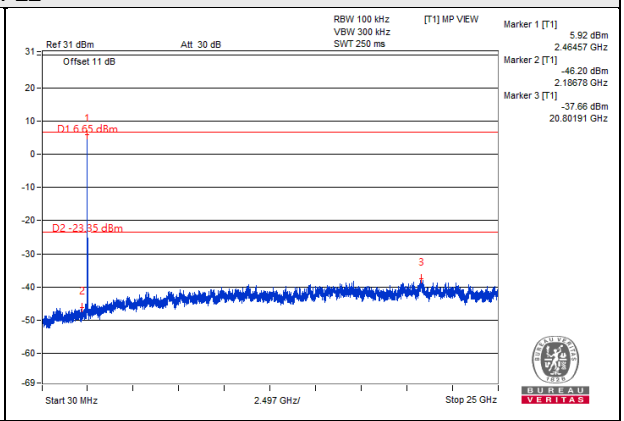
CH 6



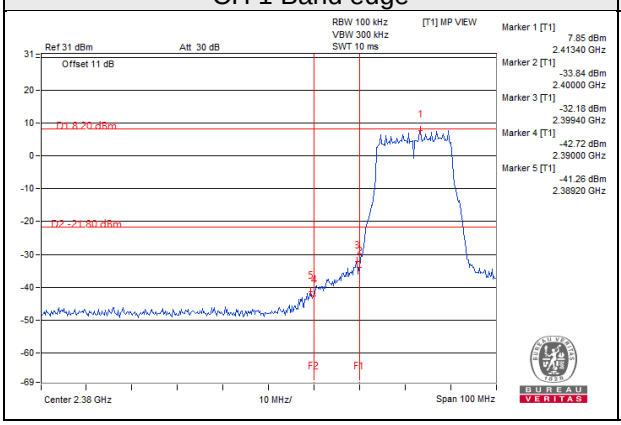


CH 11

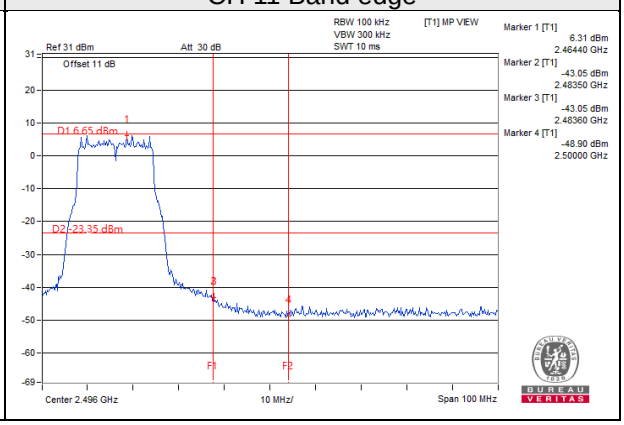




CH 1 Band edge

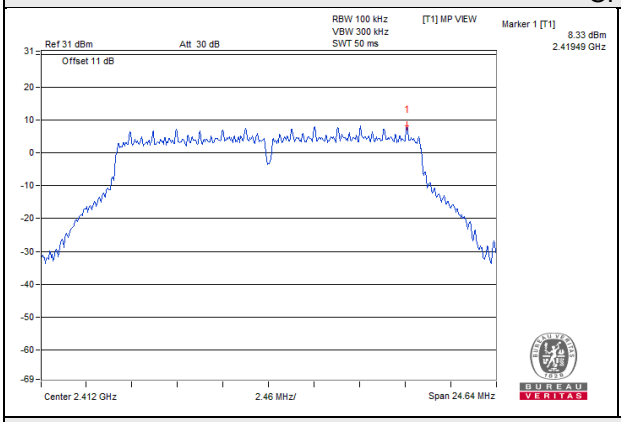


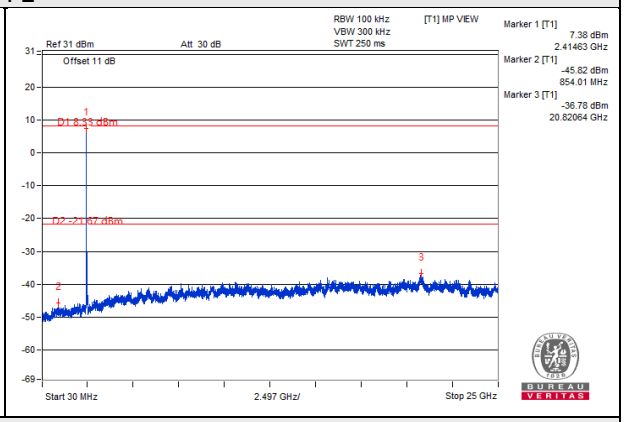
CH 11 Band edge



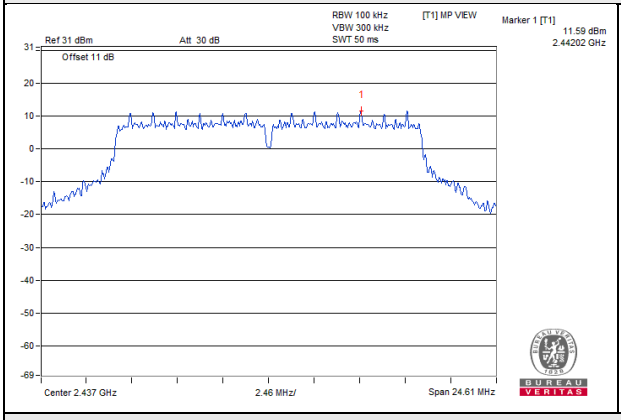
802.11g_Chain 1

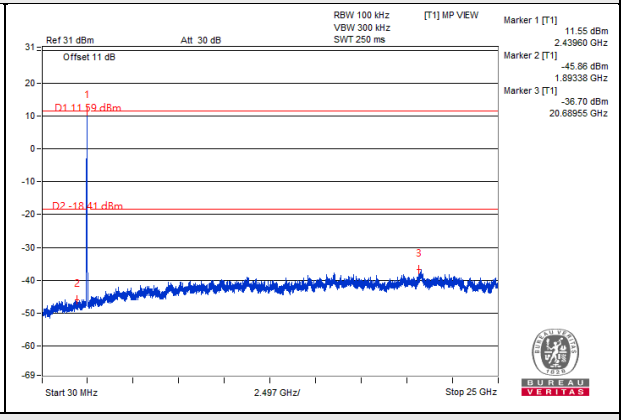
CH 1



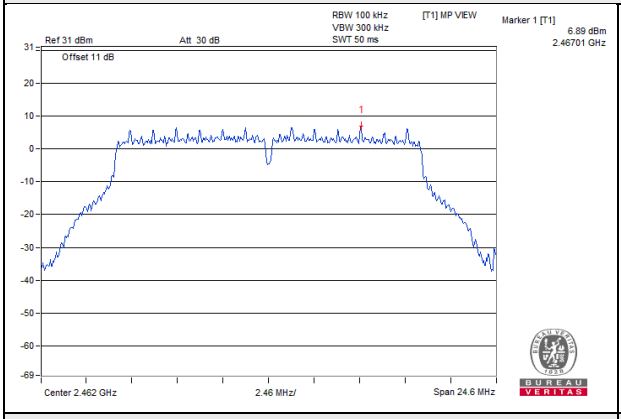


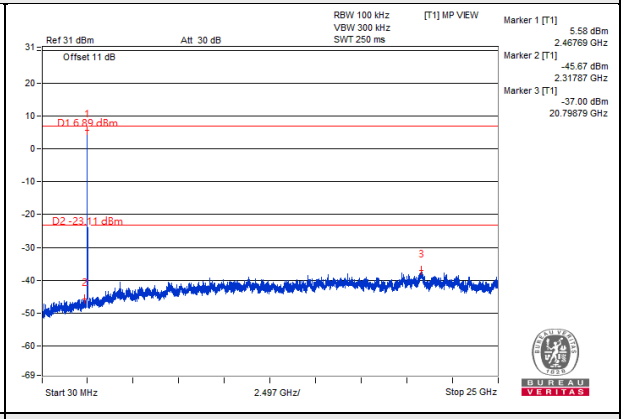
CH 6



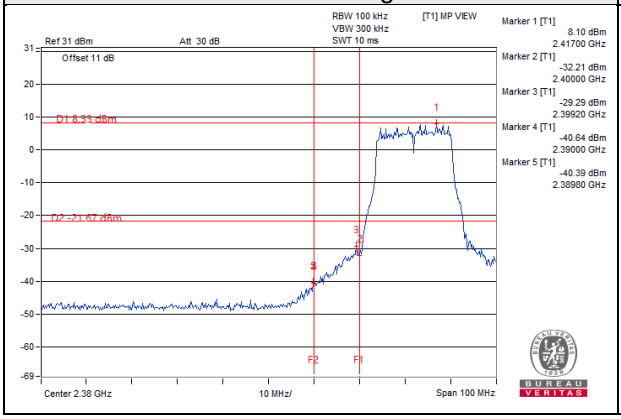


CH 11

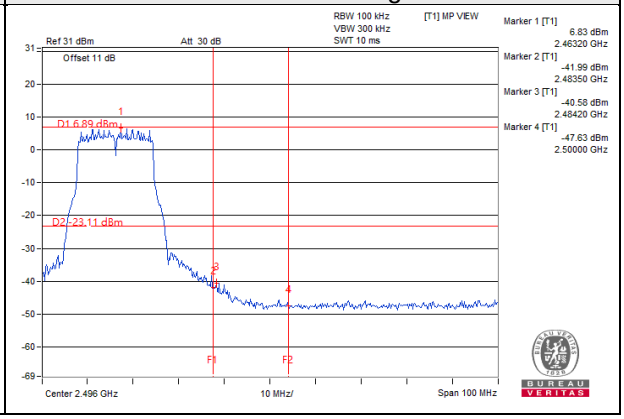




CH 1 Band edge

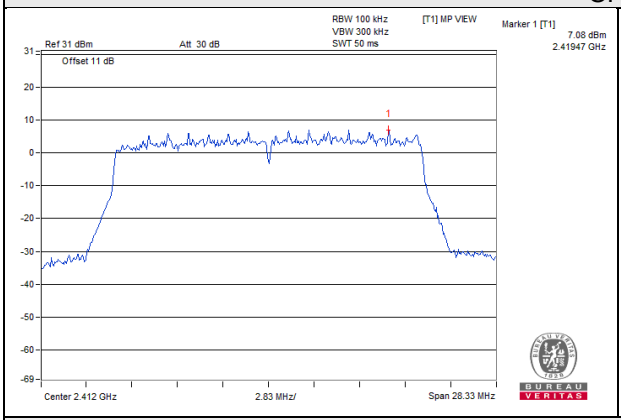


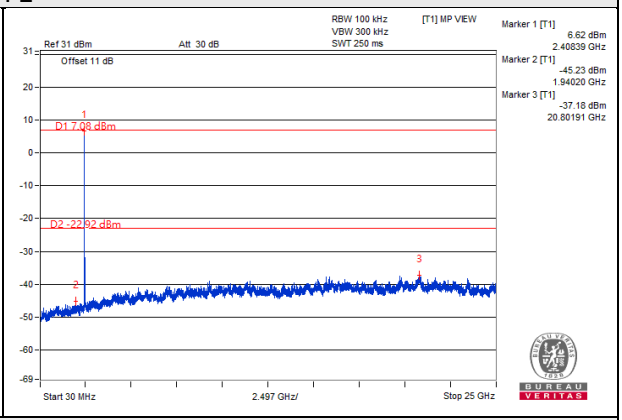
CH 11 Band edge



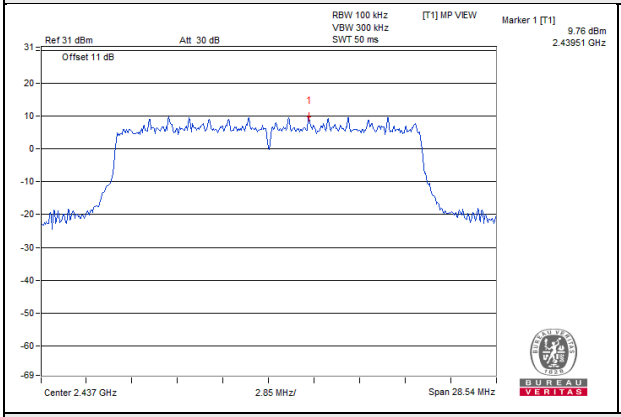
802.11ax (HE20)_Chain 0

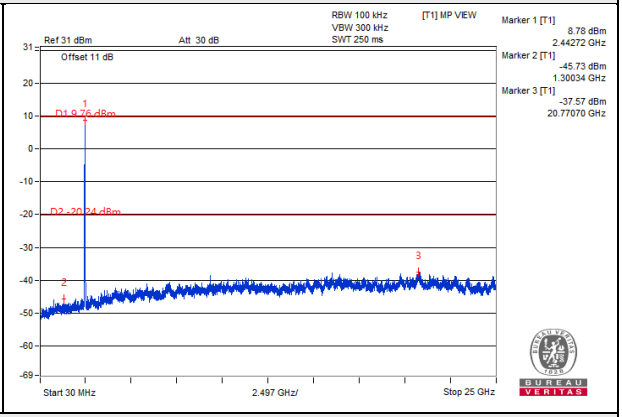
CH 1



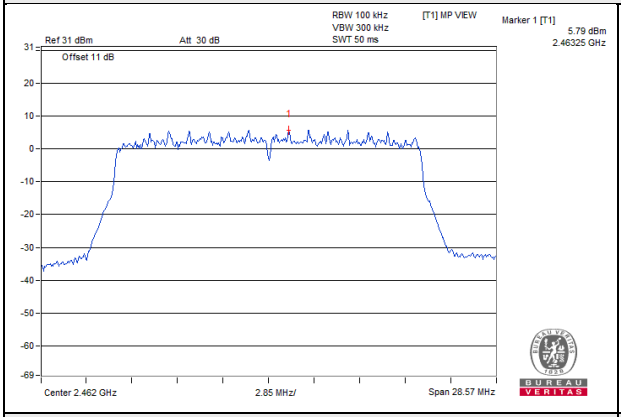


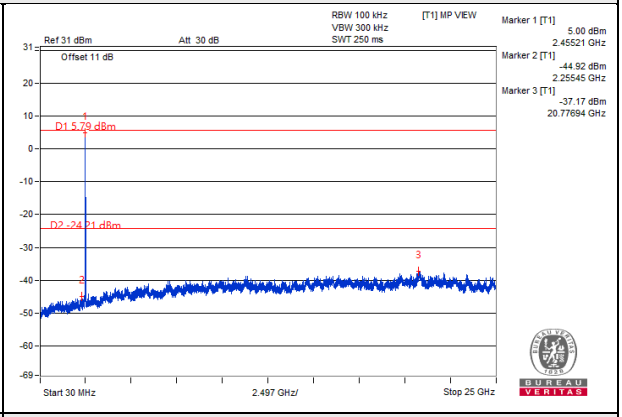
CH 6



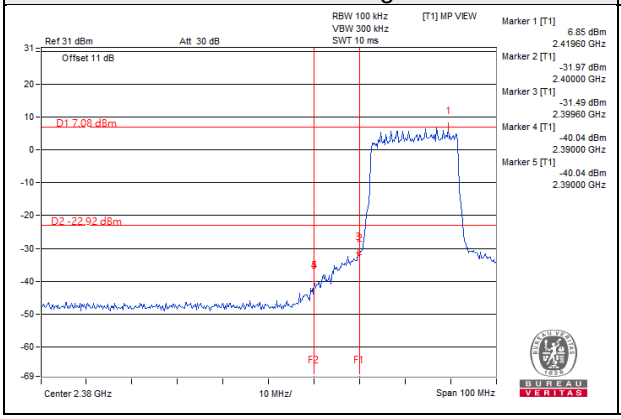


CH 11

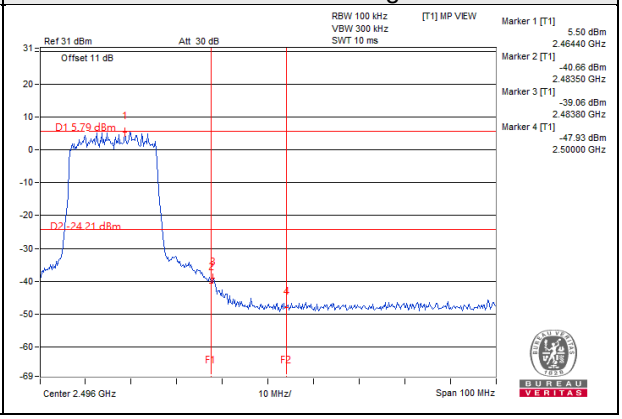




CH 1 Band edge

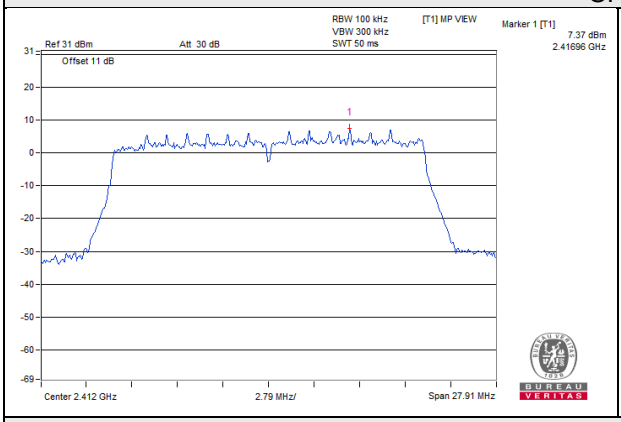


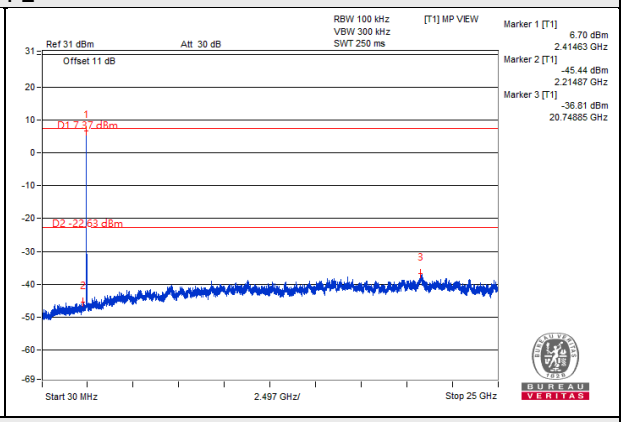
CH 11 Band edge



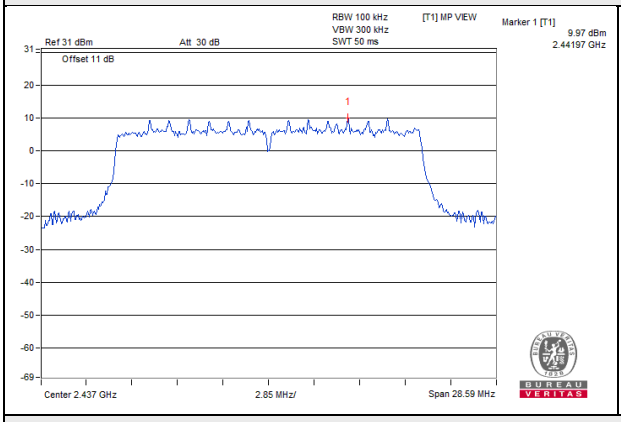
802.11ax (HE20)_Chain 1

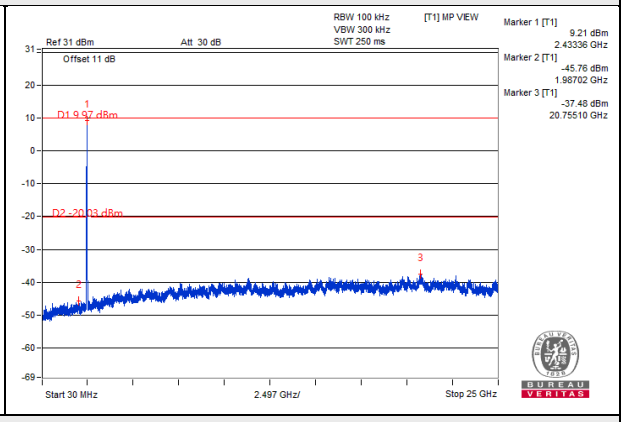
CH 1





CH 6





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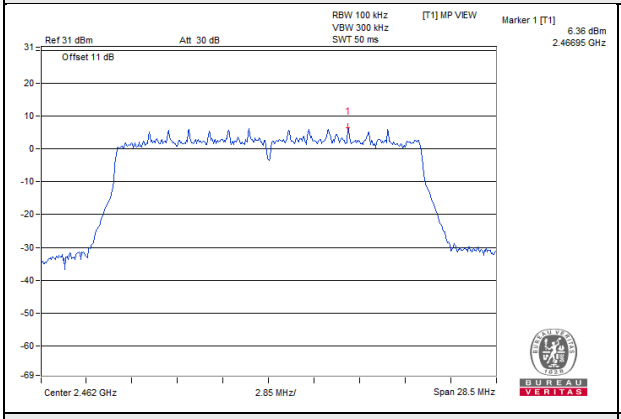
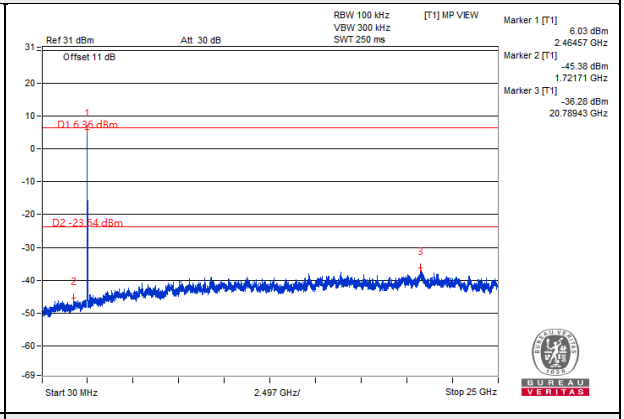
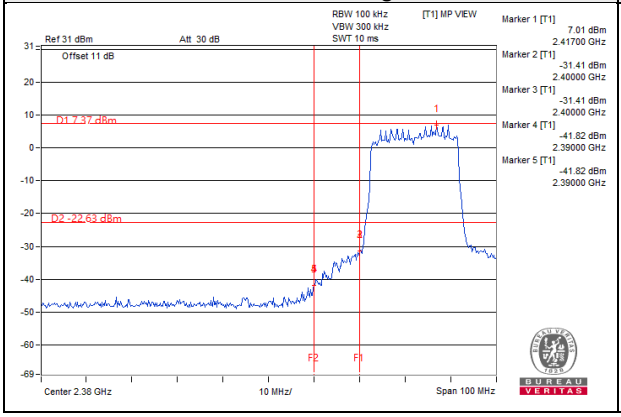
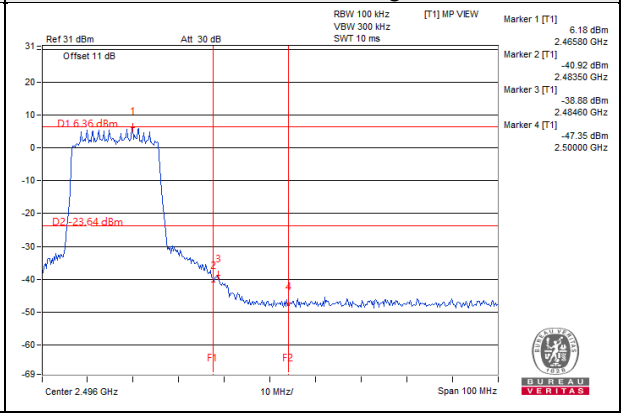




CH 1 Band edge

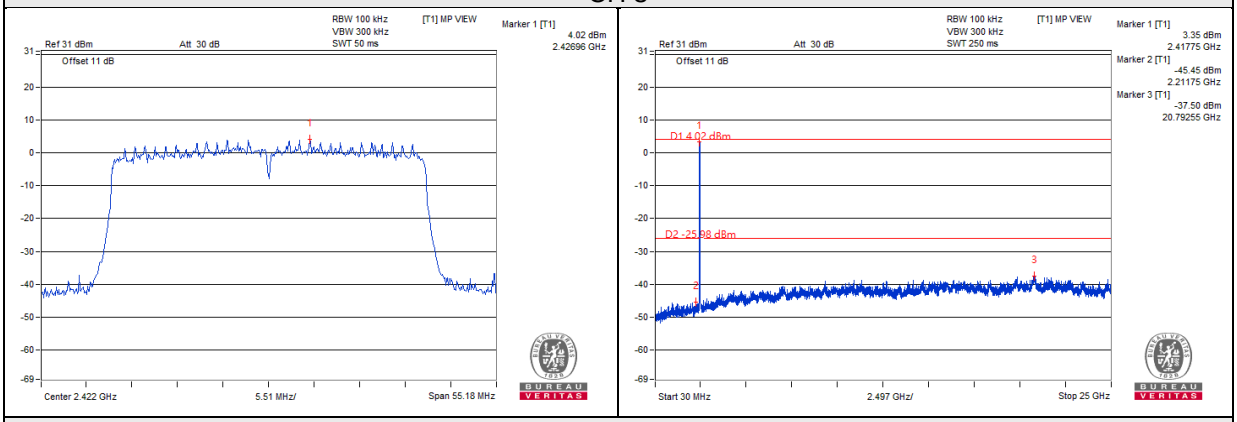


CH 11 Band edge

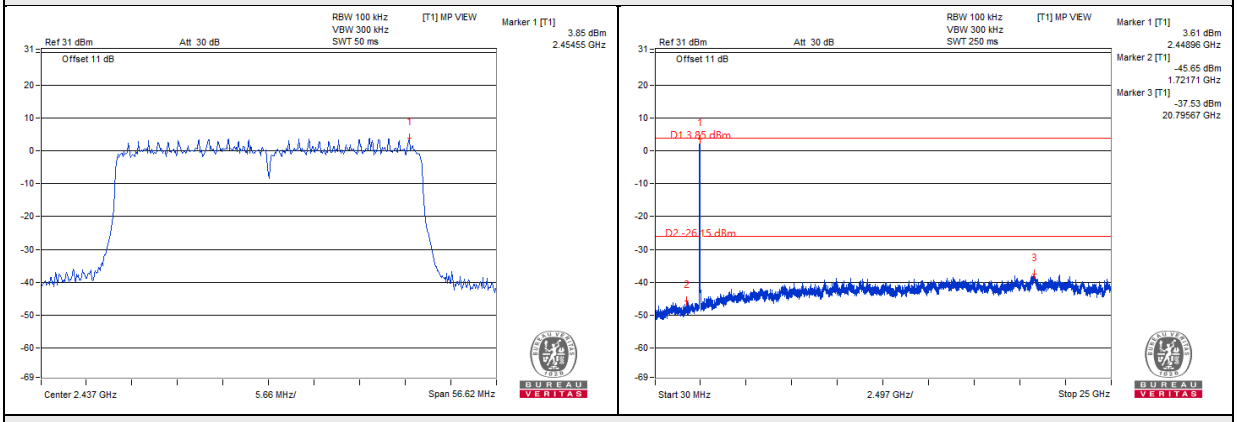


802.11ax (HE40)_Chain 0

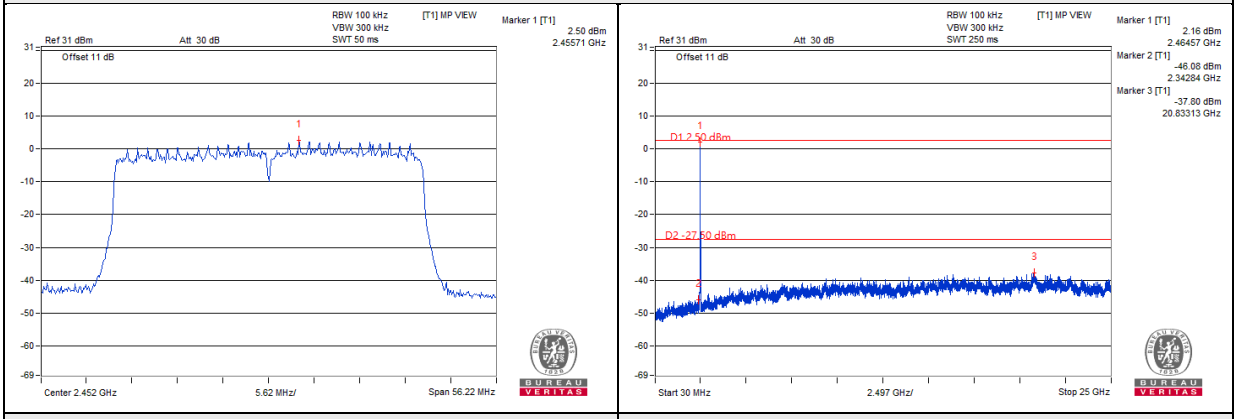
CH 3



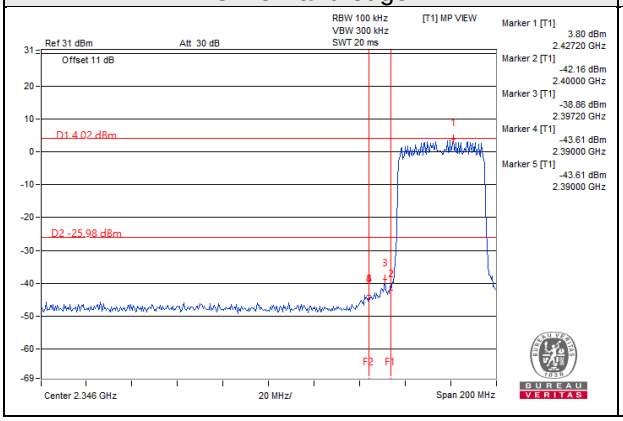
CH 6



CH 9



CH 3 Band edge



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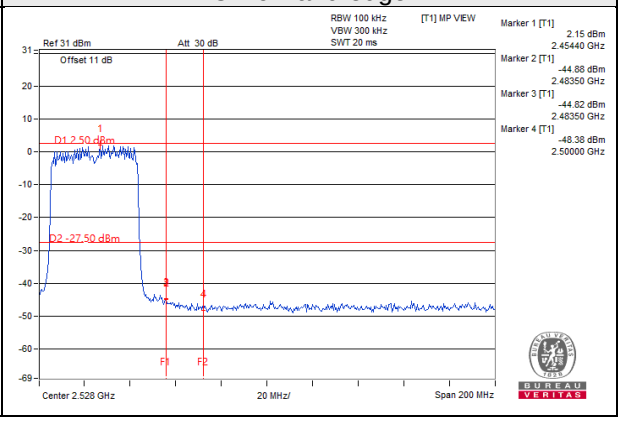
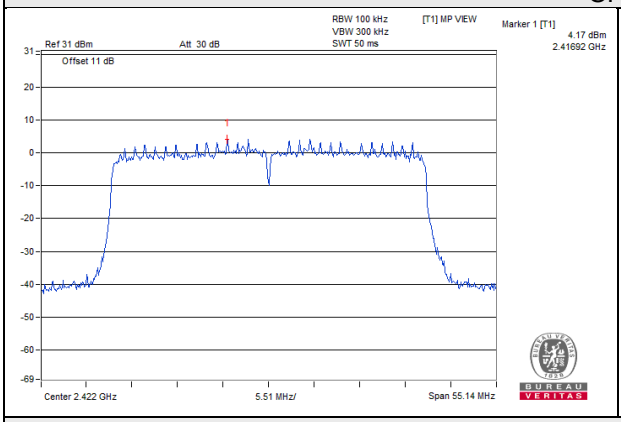
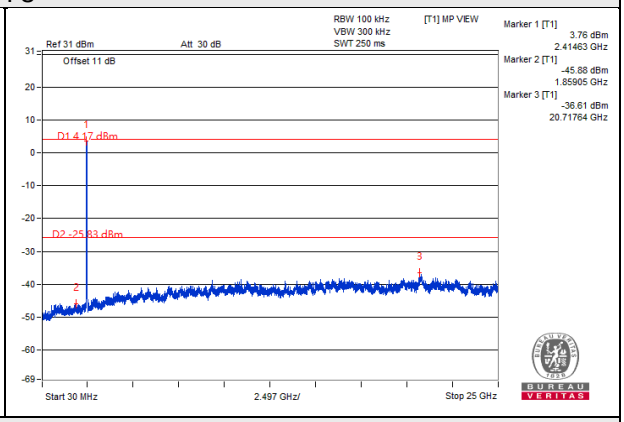


802.11ax (HE40)_Chain 1

CH 3





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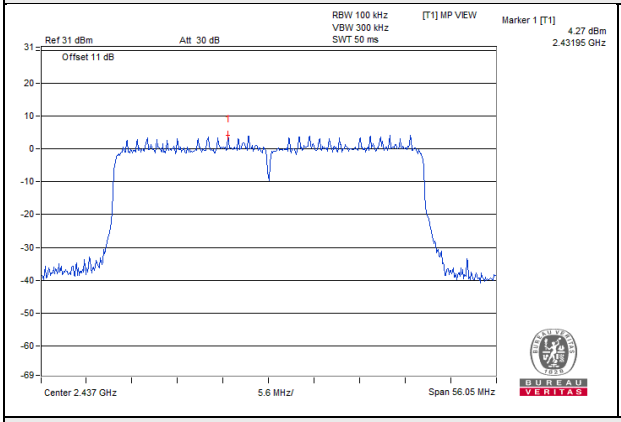
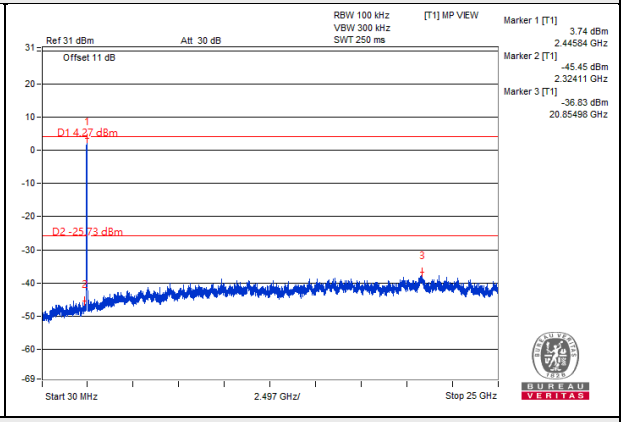
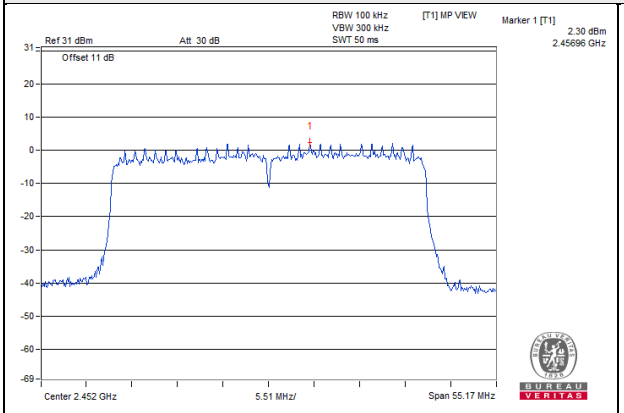
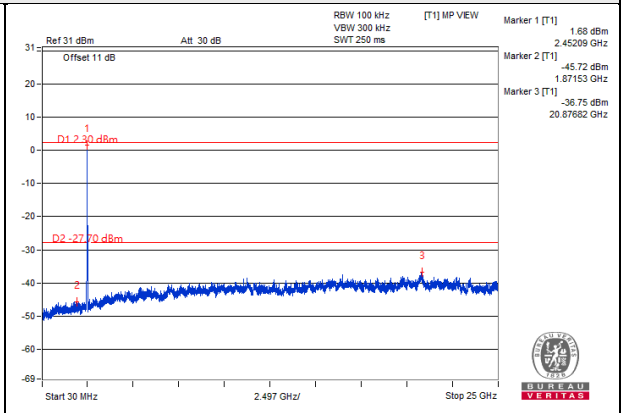


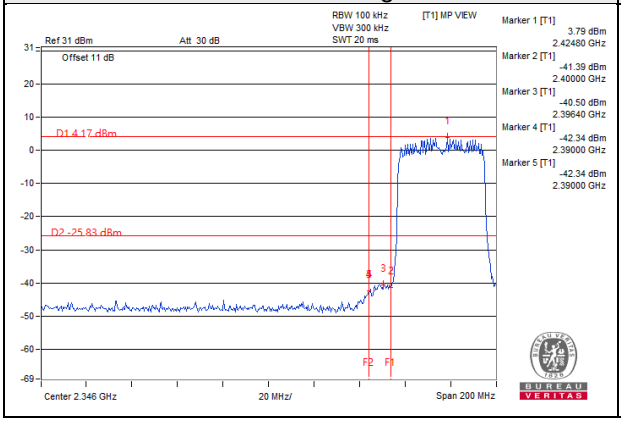


CH 9

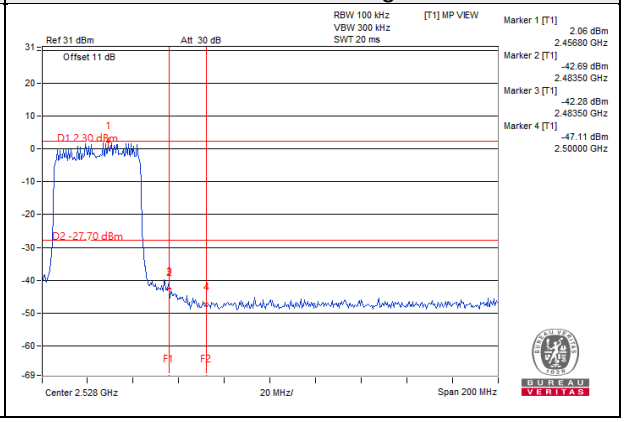




CH 3 Band edge



CH 9 Band edge



4.9 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

5 電源線傳導干擾之量測

5.1 適用標準

請見本報告3.1節第1項的規定。

5.2 量測方法

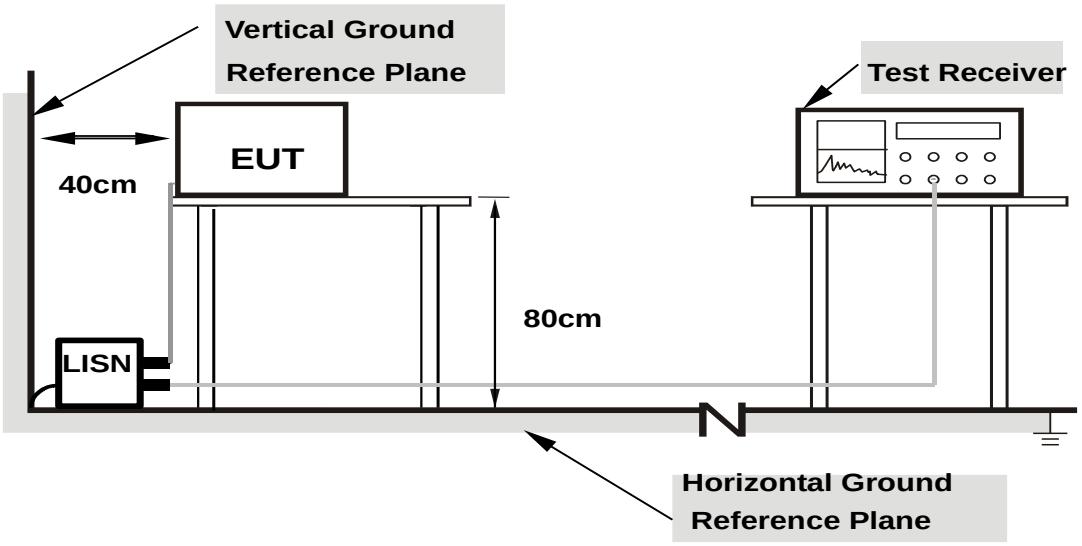
將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由0.15MHz至30MHz之間之電源線傳導放射強度。

5.3 量測儀器

儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Dec. 31, 2019	Dec. 30, 2020
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond1-01	Sep. 04, 2020	Sep. 03, 2021
V-LISN SCHWARZBECK (EUT)	ENV216	101826	Feb. 20, 2020	Feb. 19, 2021
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 28, 2020	Aug. 27, 2021
Software ADT	BV ADT_Cond_ V7.3.7.4	NA	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Shielded Room 1 (Conduction 1).
3. The VCCI Site Registration No. is C-12040.
4. The measurement uncertainty is 2.79 dB, which is calculated as per the document CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5.4 測試配置



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

5.5 干擾值之計算

餘裕度Margin(dB)= 結果值Emission level (dBuV)-限制值Limit value (dBuV)

電源傳導干擾電壓之計算公式如下

結果值Emission level (dBuV)=校正因子Correction Factor (dB)+儀器讀值Reading value (dBuV)
其中校正因子Correction Factor (dB)為 ：

饋線損失+電源阻抗模擬網路損失

5.6 量測結果

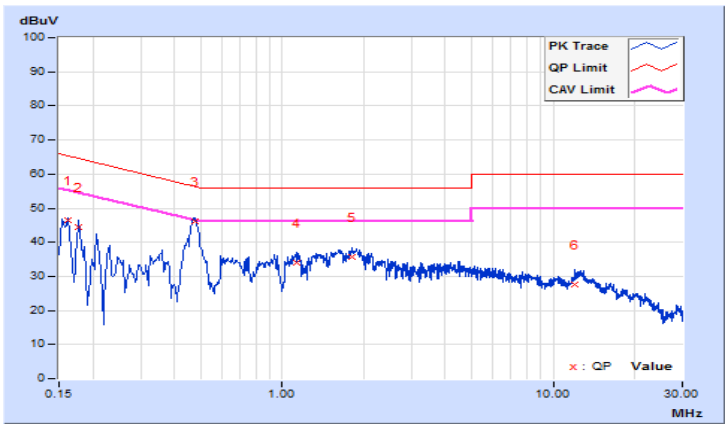
2G traffic radio (Radio 1)

量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 火線 (L1)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.16200	9.65	36.72	22.60	46.37	32.25	65.36	55.36	-18.99	-23.11
2	0.17800	9.66	34.79	21.13	44.45	30.79	64.58	54.58	-20.13	-23.79
3	0.47400	9.66	36.60	31.28	46.26	40.94	56.44	46.44	-10.18	-5.50
4	1.12600	9.67	24.50	20.54	34.17	30.21	56.00	46.00	-21.83	-15.79
5	1.80600	9.69	25.96	21.84	35.65	31.53	56.00	46.00	-20.35	-14.47
6	12.07000	9.81	17.74	13.17	27.55	22.98	60.00	50.00	-32.45	-27.02

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)

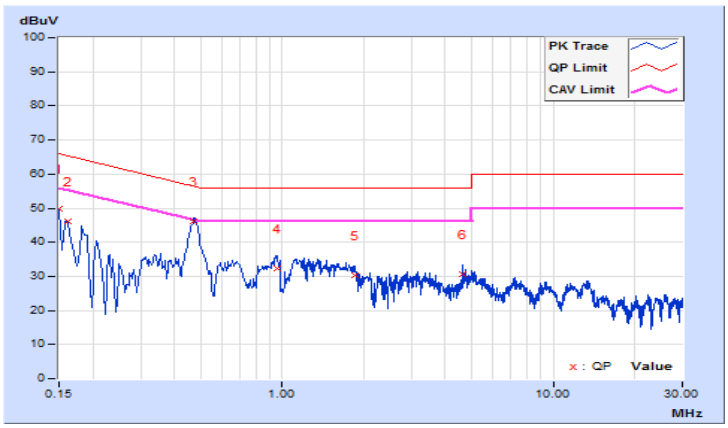


量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 中性線 (N)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15000	9.68	40.04	27.14	49.72	36.82	66.00	56.00	-16.28	-19.18
2	0.16200	9.68	36.52	22.46	46.20	32.14	65.36	55.36	-19.16	-23.22
3	0.47000	9.68	36.55	31.01	46.23	40.69	56.51	46.51	-10.28	-5.82
4	0.96101	9.69	22.48	17.32	32.17	27.01	56.00	46.00	-23.83	-18.99
5	1.85000	9.72	20.46	15.93	30.18	25.65	56.00	46.00	-25.82	-20.35
6	4.65000	9.78	20.90	11.95	30.68	21.73	56.00	46.00	-25.32	-24.27

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)



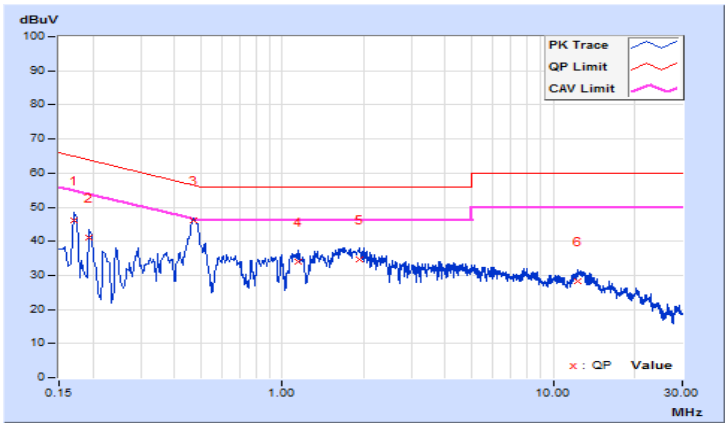
Scanning radio (Radio 3)

量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 火線 (L1)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.17000	9.65	36.56	23.23	46.21	32.88	64.96	54.96	-18.75	-22.08
2	0.19400	9.66	31.25	17.26	40.91	26.92	63.86	53.86	-22.95	-26.94
3	0.46936	9.66	36.35	30.76	46.01	40.42	56.53	46.53	-10.52	-6.11
4	1.14200	9.67	24.36	20.05	34.03	29.72	56.00	46.00	-21.97	-16.28
5	1.93400	9.70	24.93	20.54	34.63	30.24	56.00	46.00	-21.37	-15.76
6	12.40200	9.82	18.32	13.61	28.14	23.43	60.00	50.00	-31.86	-26.57

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)

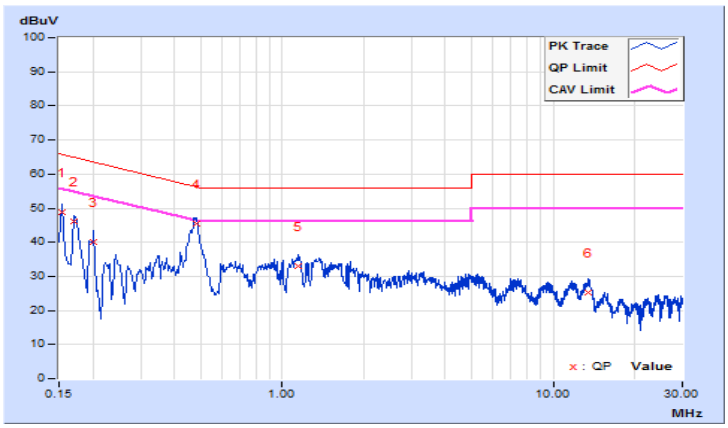


量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 中性線 (N)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15400	9.68	39.20	26.18	48.88	35.86	65.78	55.78	-16.90	-19.92
2	0.17000	9.68	36.44	22.89	46.12	32.57	64.96	54.96	-18.84	-22.39
3	0.20200	9.68	30.45	16.41	40.13	26.09	63.53	53.53	-23.40	-27.44
4	**0.48063**	**9.68**	**35.93**	**31.34**	**45.61**	**41.02**	**56.33**	**46.33**	**-10.72**	**-5.31**
5	1.14200	9.70	23.21	18.96	32.91	28.66	56.00	46.00	-23.09	-17.34
6	13.44600	9.90	15.27	10.55	25.17	20.45	60.00	50.00	-34.83	-29.55

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)



5.7 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

5.8 配置照片

請參閱附件測試設置照片(BV CPS 報告編號：RTBDYS-WTW-P20110911A_TSup)。

6 發射(6 dB)頻寬之要求

6.1 適用標準

請見本報告3.1節第5項(I)的規定。

6.2 量測方法

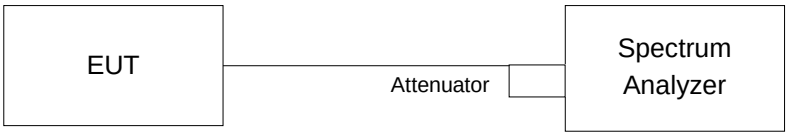
a) 將待測物輸出經由衰減器接到頻譜分析儀上。
b) 設定待測物處於連續發射狀態。
c) 計算由最大輸出功率峰值減6dB的最大頻率範圍。

6.3 量測儀器

儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 16, 2020	Sep. 15, 2021

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The measurement uncertainty is 207Hz, which is calculated as per the document ETSI TR 100 028. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

6.4 測試配置



6.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

2G traffic radio (Radio 1)

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	7.10	7.09	0.5	Pass
6	2437	7.10	7.11	0.5	Pass
11	2462	7.11	7.09	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.42	16.41	0.5	Pass
6	2437	16.43	16.43	0.5	Pass
11	2462	16.41	16.42	0.5	Pass

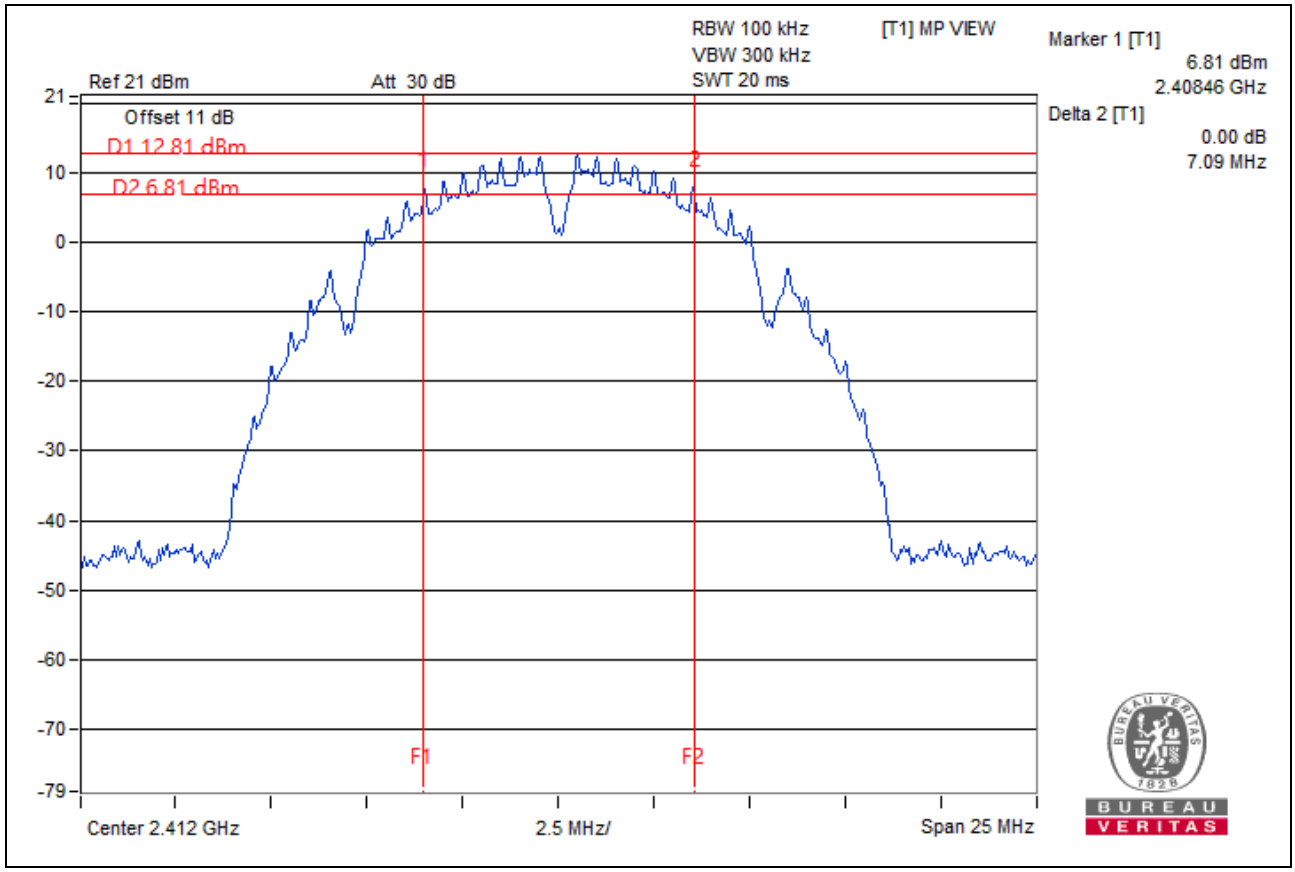
802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	18.99	18.83	0.5	Pass
6	2437	19.06	19.05	0.5	Pass
11	2462	19.01	19.03	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	37.61	36.37	0.5	Pass
6	2437	37.81	37.66	0.5	Pass
9	2452	37.42	36.46	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



Scanning radio (Radio 3)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	7.06	7.10	0.5	Pass
6	2437	7.11	7.09	0.5	Pass
11	2462	7.09	7.09	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.41	16.43	0.5	Pass
6	2437	16.42	16.41	0.5	Pass
11	2462	16.40	16.40	0.5	Pass

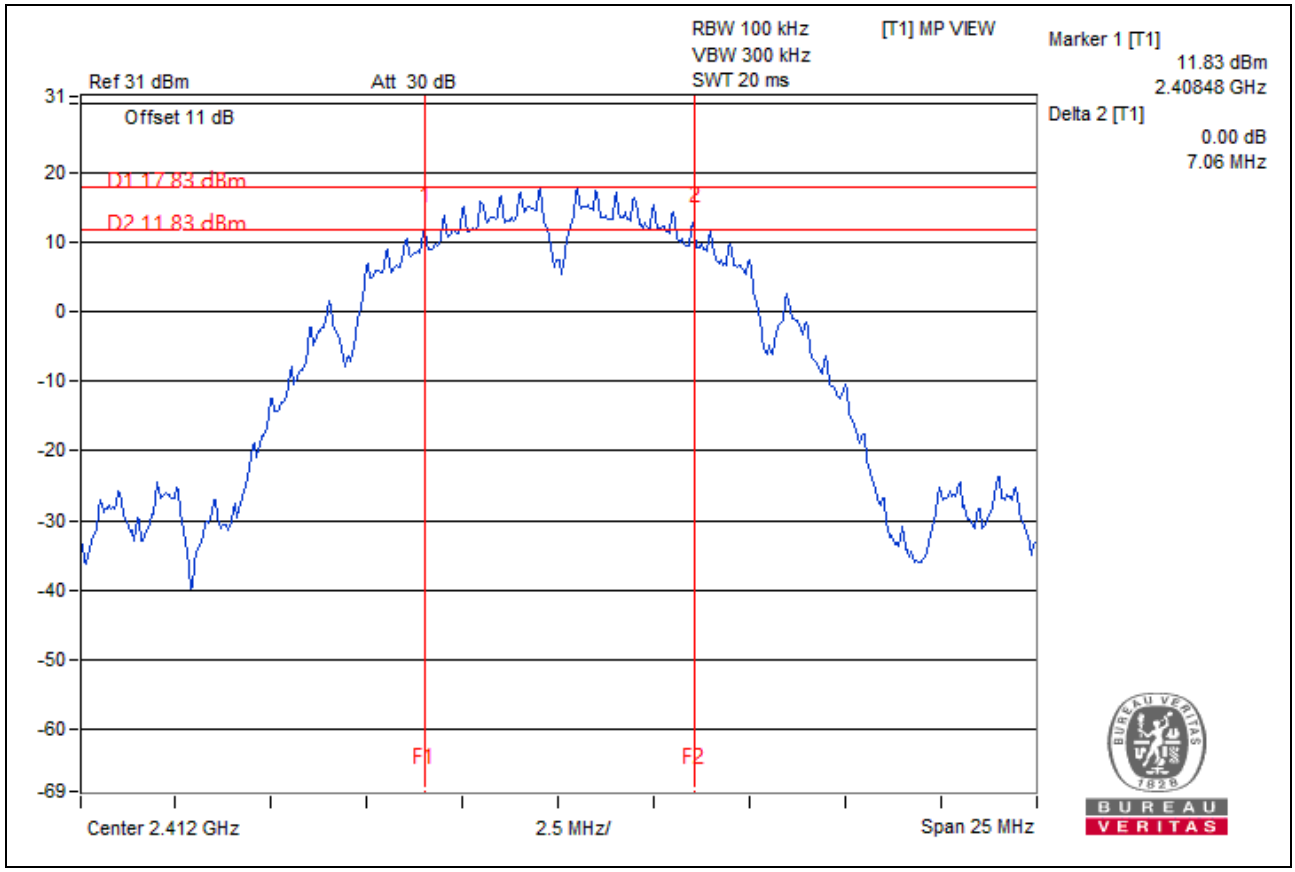
802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	18.89	18.61	0.5	Pass
6	2437	19.03	19.06	0.5	Pass
11	2462	19.05	19.00	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	36.79	36.76	0.5	Pass
6	2437	37.75	37.37	0.5	Pass
9	2452	37.48	36.78	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



6.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

7 峰值傳導輸出功率之量測

7.1 適用標準

請見本報告3.1節第6項(I)及4項(I)的規定。

7.2 量測方法

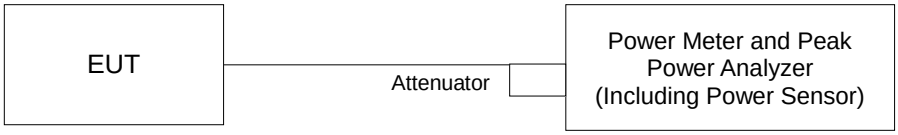
a) 將待測物輸出經由衰減器接到功率計上 (Average Detector with Gating Function)。
b) 設定待測物處於連續發射狀態。
c) 計算其輸出功率峰值。

7.3 量測儀器

儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY55190004/MY55190007/MY55210005	Jul. 13, 2020	Jul. 12, 2021

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The measurement uncertainty is 1.393dB, which is calculated as per the document ETSI TR 100 028. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

7.4 測試配置



7.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

2G traffic radio (Radio 1)

CDD Mode

802.11b

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.61	19.43	179.111	22.53	25.67	Pass
6	2437	19.96	19.82	195.023	22.90	25.67	Pass
11	2462	20.26	19.95	205.025	23.12	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11g

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	18.03	17.83	124.207	20.94	25.67	Pass
6	2437	22.57	22.63	**363.949**	25.61	25.67	Pass
11	2462	17.33	17.21	106.677	20.28	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11n (HT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	17.20	17.17	104.600	20.20	25.67	Pass
6	2437	21.17	20.80	251.145	24.00	25.67	Pass
11	2462	16.31	16.28	85.218	19.31	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11n (HT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	16.80	16.73	94.961	19.78	25.67	Pass
6	2437	18.48	18.32	138.390	21.41	25.67	Pass
9	2452	16.76	16.78	95.067	19.78	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11ac (VHT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	17.37	17.25	107.664	20.32	25.67	Pass
6	2437	21.25	20.91	256.663	24.09	25.67	Pass
11	2462	16.47	16.35	87.513	19.42	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	16.91	16.86	97.620	19.90	25.67	Pass
6	2437	18.53	18.48	141.755	21.52	25.67	Pass
9	2452	16.88	16.80	96.616	19.85	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	17.43	17.32	109.286	20.39	25.67	Pass
6	2437	21.32	21.01	261.702	24.18	25.67	Pass
11	2462	16.52	16.41	88.627	19.48	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.01	16.97	100.008	20.00	25.67	Pass
6	2437	18.67	18.53	144.906	21.61	25.67	Pass
9	2452	16.99	16.91	99.094	19.96	25.67	Pass

*Max. Gain = 10.33dBi > 6dBi, so the power limit shall be reduced to 30-(10.33-6) = 25.67dBm.

Beamforming Mode

802.11ac (VHT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	14.36	14.24	53.836	17.31	22.75	Pass
6	2437	18.24	17.90	128.340	21.08	22.75	Pass
11	2462	13.46	13.34	43.759	16.41	22.75	Pass

*Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.25dBi > 6dBi, so the power limit shall be reduced to 30-(13.25-6) = 22.75dBm.

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	13.90	13.85	48.813	16.89	22.75	Pass
6	2437	15.52	15.47	70.882	18.51	22.75	Pass
9	2452	13.87	13.79	48.311	16.84	22.75	Pass

*Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.25dBi > 6dBi, so the power limit shall be reduced to 30-(13.25-6) = 22.75dBm.

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	14.42	14.31	54.647	17.38	22.75	Pass
6	2437	18.31	18.00	**130.860**	21.17	22.75	Pass
11	2462	13.51	13.40	44.316	16.47	22.75	Pass

*Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.25dBi > 6dBi, so the power limit shall be reduced to 30-(13.25-6) = 22.75dBm.

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	14.00	13.96	50.007	16.99	22.75	Pass
6	2437	15.66	15.52	72.458	18.60	22.75	Pass
9	2452	13.98	13.90	49.551	16.95	22.75	Pass

*Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.25dBi > 6dBi, so the power limit shall be reduced to 30-(13.25-6) = 22.75dBm.

Scanning radio (Radio 3)

CDD Mode

802.11b

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	24.68	24.37	567.292	27.54	30	Pass
6	2437	25.35	24.95	**655.376**	28.16	30	Pass
11	2462	23.89	23.59	473.466	26.75	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11g

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.03	18.97	158.869	22.01	30	Pass
6	2437	22.01	21.93	314.810	24.98	30	Pass
11	2462	17.61	17.67	116.156	20.65	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11n (HT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	17.88	17.93	123.463	20.92	30	Pass
6	2437	20.70	20.78	237.164	23.75	30	Pass
11	2462	17.04	16.98	100.471	20.02	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11n (HT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.67	17.57	115.627	20.63	30	Pass
6	2437	17.75	17.80	119.822	20.79	30	Pass
9	2452	15.70	15.74	74.651	18.73	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11ac (VHT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	17.99	18.03	126.484	21.02	30	Pass
6	2437	20.82	20.80	241.008	23.82	30	Pass
11	2462	17.13	17.08	102.692	20.12	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.70	17.61	116.561	20.67	30	Pass
6	2437	17.87	17.91	123.037	20.90	30	Pass
9	2452	15.82	15.86	76.742	18.85	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	18.09	18.12	129.280	21.12	30	Pass
6	2437	20.93	20.91	247.190	23.93	30	Pass
11	2462	17.21	17.17	104.721	20.20	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.82	17.74	119.963	20.79	30	Pass
6	2437	17.98	18.01	126.047	21.01	30	Pass
9	2452	15.93	15.97	78.711	18.96	30	Pass

*Max. Gain = 4.64dBi < 6dBi, so the limit no need to reduced.

Beamforming Mode

802.11ac (VHT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	14.98	15.02	63.246	18.01	28.5	Pass
6	2437	17.81	17.79	120.512	20.81	28.5	Pass
11	2462	14.12	14.07	51.350	17.11	28.5	Pass

*Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 7.50dBi > 6dBi, so the power limit shall be reduced to 30-(7.50-6) = 28.5dBm.

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	14.69	14.60	58.285	17.66	28.5	Pass
6	2437	14.86	14.90	61.523	17.89	28.5	Pass
9	2452	12.81	12.85	38.374	15.84	28.5	Pass

*Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 7.50dBi > 6dBi, so the power limit shall be reduced to 30-(7.50-6) = 28.5dBm.

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	15.08	15.11	64.645	18.11	28.5	Pass
6	2437	17.92	17.90	**123.604**	20.92	28.5	Pass
11	2462	14.20	14.16	52.364	17.19	28.5	Pass

*Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 7.50dBi > 6dBi, so the power limit shall be reduced to 30-(7.50-6) = 28.5dBm.

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	14.81	14.73	59.986	17.78	28.5	Pass
6	2437	14.97	15.00	63.028	18.00	28.5	Pass
9	2452	12.92	12.96	39.358	15.95	28.5	Pass

*Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 7.50dBi > 6dBi, so the power limit shall be reduced to 30-(7.50-6) = 28.5dBm.

7.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

8 功率頻譜密度之量測

8.1 適用標準

請見本報告3.1節第7項(l)的規定。

8.2 量測方法

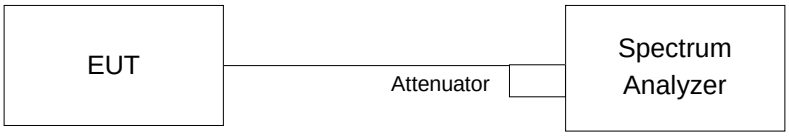
a) 將待測物之天線埠連接至測試儀器。
b) 設定解析頻寬為 3kHz，視訊頻寬為 10kHz，掃描時間設為自動，直至掃描信號穩定。
c) 使用 RMS 功能鍵，並找到最大的峰值準位。

8.3 量測儀器

儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 16, 2020	Sep. 15, 2021

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The measurement uncertainty is 207Hz, which is calculated as per the document ETSI TR 100 028. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

8.4 測試配置



8.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

2G traffic radio (Radio 1)

802.11b

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-12.52	3.01	0.29	-9.22	0.75	Pass
	6	2437	-11.53	3.01	0.29	-8.23	0.75	Pass
	11	2462	-11.22	3.01	0.29	-7.92	0.75	Pass
1	1	2412	-12.48	3.01	0.29	-9.18	0.75	Pass
	6	2437	-12.51	3.01	0.29	-9.21	0.75	Pass
	11	2462	-11.70	3.01	0.29	-8.40	0.75	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.25dBi > 6dBi, so the power density limit shall be reduced to 8 - (13.25 - 6) = 0.75dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11g

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-17.13	3.01	0.25	-13.87	0.75	Pass
	6	2437	-13.71	3.01	0.25	-10.45	0.75	Pass
	11	2462	-17.98	3.01	0.25	-14.72	0.75	Pass
1	1	2412	-17.98	3.01	0.25	-14.72	0.75	Pass
	6	2437	-14.04	3.01	0.25	-10.78	0.75	Pass
	11	2462	-17.69	3.01	0.25	-14.43	0.75	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.25dBi > 6dBi, so the power density limit shall be reduced to 8 - (13.25 - 6) = 0.75dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-18.95	3.01	0.16	-15.78	0.75	Pass
	6	2437	-15.83	3.01	0.16	-12.66	0.75	Pass
	11	2462	-20.21	3.01	0.16	-17.04	0.75	Pass
1	1	2412	-19.36	3.01	0.16	-16.19	0.75	Pass
	6	2437	-15.91	3.01	0.16	-12.74	0.75	Pass
	11	2462	-20.34	3.01	0.16	-17.17	0.75	Pass

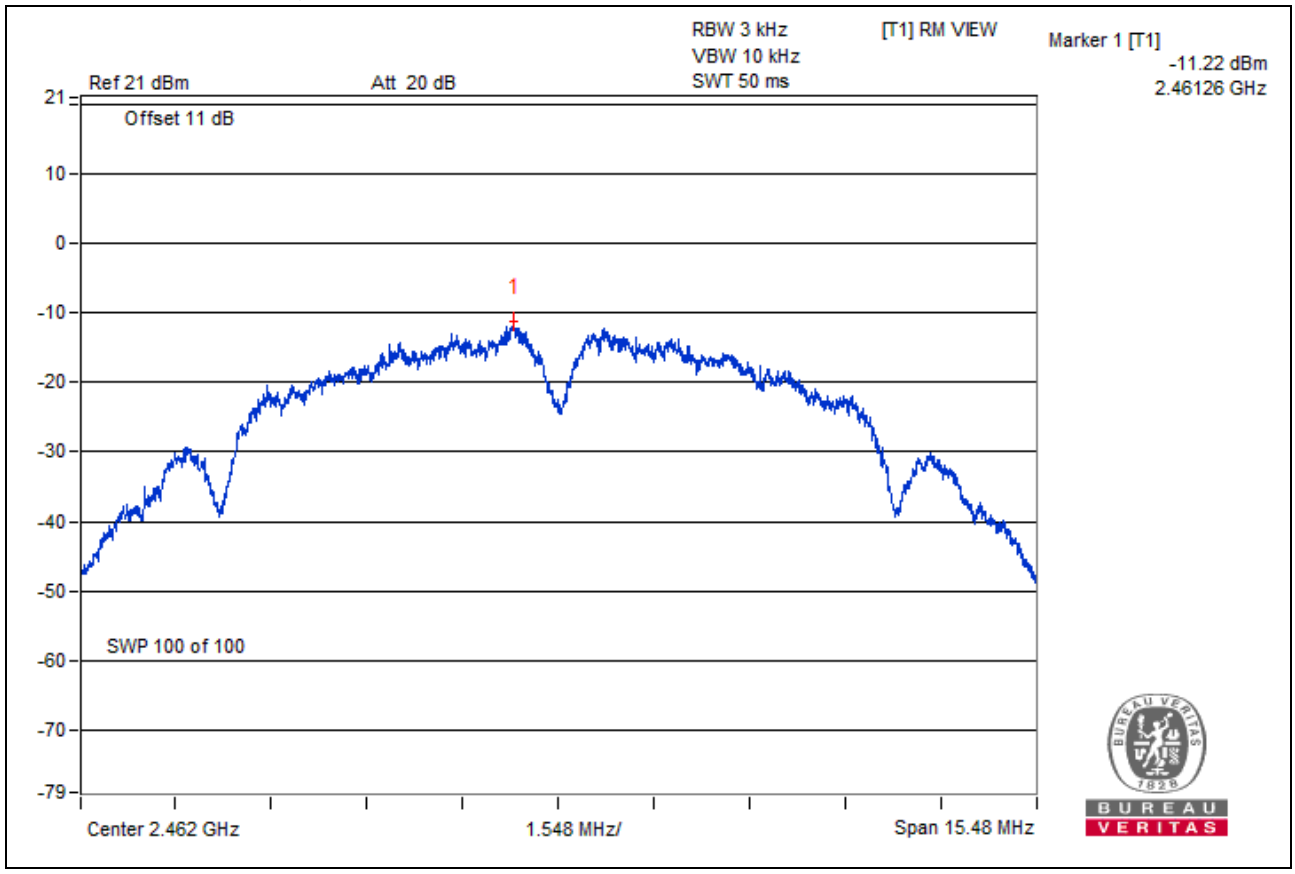
Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.25dBi > 6dBi, so the power density limit shall be reduced to 8 - (13.25 - 6) = 0.75dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	3	2422	-22.50	3.01	0.21	-19.28	0.75	Pass
	6	2437	-21.54	3.01	0.21	-18.32	0.75	Pass
	9	2452	-22.37	3.01	0.21	-19.15	0.75	Pass
1	3	2422	-22.35	3.01	0.21	-19.13	0.75	Pass
	6	2437	-21.06	3.01	0.21	-17.84	0.75	Pass
	9	2452	-22.30	3.01	0.21	-19.08	0.75	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.25dBi > 6dBi, so the power density limit shall be reduced to 8 - (13.25 - 6) = 0.75dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



Scanning radio (Radio 3)

802.11b

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-8.53	3.01	0.23	-5.29	6.50	Pass
	6	2437	-8.13	3.01	0.23	-4.89	6.50	Pass
	11	2462	-8.45	3.01	0.23	-5.21	6.50	Pass
1	1	2412	-8.01	3.01	0.23	-4.77	6.50	Pass
	6	2437	-8.41	3.01	0.23	-5.17	6.50	Pass
	11	2462	-9.31	3.01	0.23	-6.07	6.50	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.50dBi > 6dBi, so the power density limit shall be reduced to 8 - (7.50 - 6) = 6.5dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11g

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-16.35	3.01	0.28	-13.06	6.50	Pass
	6	2437	-13.83	3.01	0.28	-10.54	6.50	Pass
	11	2462	-17.94	3.01	0.28	-14.65	6.50	Pass
1	1	2412	-17.03	3.01	0.28	-13.74	6.50	Pass
	6	2437	-13.92	3.01	0.28	-10.63	6.50	Pass
	11	2462	-18.14	3.01	0.28	-14.85	6.50	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.50dBi > 6dBi, so the power density limit shall be reduced to 8 - (7.50 - 6) = 6.5dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-18.88	3.01	0.14	-15.73	6.50	Pass
	6	2437	-16.45	3.01	0.14	-13.30	6.50	Pass
	11	2462	-20.18	3.01	0.14	-17.03	6.50	Pass
1	1	2412	-18.96	3.01	0.14	-15.81	6.50	Pass
	6	2437	-16.23	3.01	0.14	-13.08	6.50	Pass
	11	2462	-19.96	3.01	0.14	-16.81	6.50	Pass

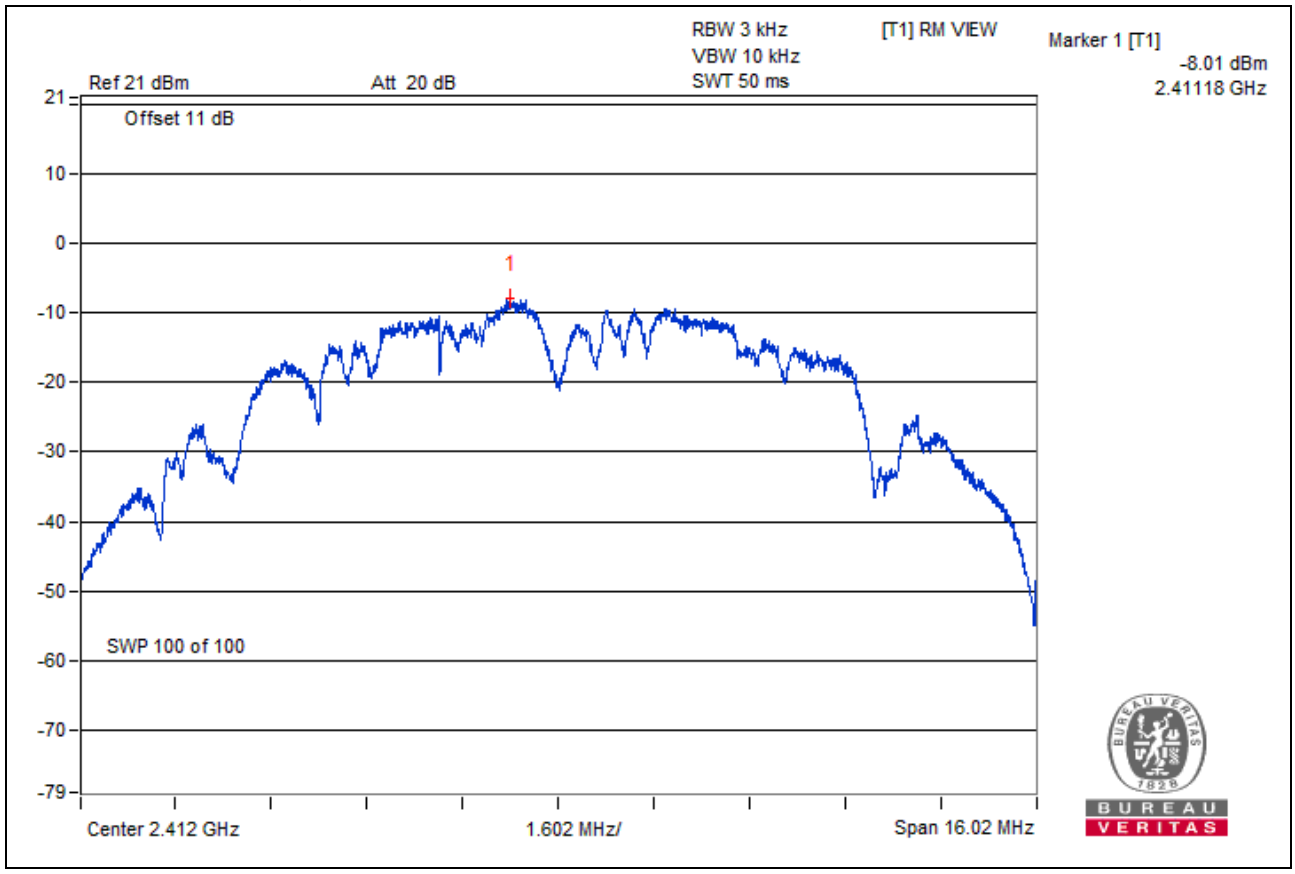
Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.50dBi > 6dBi, so the power density limit shall be reduced to 8 - (7.50 - 6) = 6.5dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	3	2422	-22.30	3.01	0.22	-19.07	6.50	Pass
	6	2437	-21.84	3.01	0.22	-18.61	6.50	Pass
	9	2452	-24.02	3.01	0.22	-20.79	6.50	Pass
1	3	2422	-21.90	3.01	0.22	-18.67	6.50	Pass
	6	2437	-21.84	3.01	0.22	-18.61	6.50	Pass
	9	2452	-23.71	3.01	0.22	-20.48	6.50	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.50dBi > 6dBi, so the power density limit shall be reduced to 8 - (7.50 - 6) = 6.5dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



8.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

U-NII 頻段測試紀錄結果

9 帶外發射之量測

9.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	請見本報告 3.1 節第 2 項(II)的規定
☒ 5.25 GHz~5.35 GHz	請見本報告 3.1 節第 2 項(II)的規定
☒ 5.470 GHz~5.725 GHz	請見本報告 3.1 節第 2 項(II)的規定
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 2 項(III)的規定

9.2 量測方法

在電波暗室，將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態。接收天線置於3米距離。桌面要360度旋轉，另外接收天線從離地1米至4米升降變化，以找出最大的輻射電場強度，接收天線分別置於水平、垂直極化各執行測試一次。

Note: 對於 1GHz 以上場強輻射的測試，待測物則置於1.5米高的非金屬桌面。

9.3 量測儀器

同4.3節。

9.4 測試配置

同4.4節。

9.5 場強度之計算

場強之計算公式如下:

結果值Emission level (dBuV/m)=機器讀值 Raw Value (dBuV) +校正因子Correction Factor (dB/m)
餘裕度Margin(dB)= 結果值Emission level (dBuV/m)-限制值Limit value (dBuV/m)

*有效等向輻射功率限制值轉換場強值如下：

Applicable To		Limit	
技術規範 5.7.4.6 節不必要發射頻率屬 3.5 節規定頻段者，應符合 3.6 節之規定		Field Strength at 3m	
		PK:74 (dBμV/m)	AV:54 (dBμV/m)
操作頻帶	Applicable To	EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	技術規範 5.7.4.1 節	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz	技術規範 5.7.4.1 節		
5470~5725 MHz	技術規範 5.7.4.1 節		
5725~5850 MHz	技術規範 5.7.4.2 節	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
*1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.			

Note:

有效等向輻射功率限制值轉換場強之公式如下:

$E=(30PG)^{1/2}/d$

E: 以最寬解析頻寬所測得之最大場強值，單位:V/m。
G: 發射天線相對於全向性輻射器之數值增益。
d: 測試場強的距離，單位: m。
P: 求得之功率，單位:W。

量測結果請見下頁。

9.6 量測結果

9.6.1 發射諧波

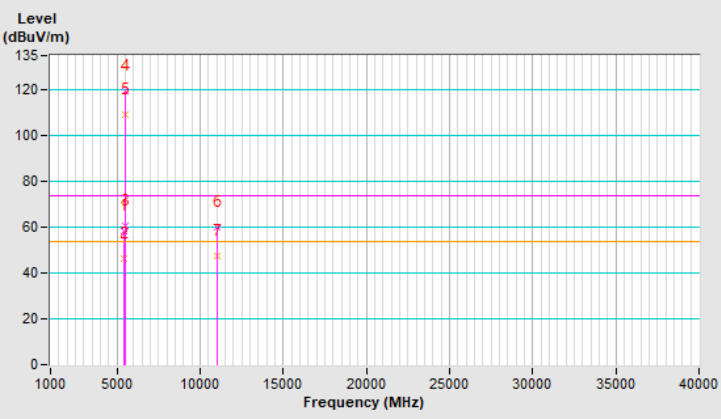
5G traffic radio (Radio 1)

操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	1.39 H	352	52.1	6.3
2	5460.00	46.3 AV	54.0	-7.7	1.39 H	352	40.0	6.3
3	#5470.00	60.5 PK	68.2	-7.7	1.37 H	356	54.2	6.3
4	*5500.00	119.3 PK			1.67 H	308	77.2	42.1
5	*5500.00	109.1 AV			1.67 H	308	67.0	42.1
6	11000.00	60.2 PK	74.0	-13.8	1.69 H	322	41.6	18.6
7	11000.00	47.4 AV	54.0	-6.6	1.69 H	322	28.8	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

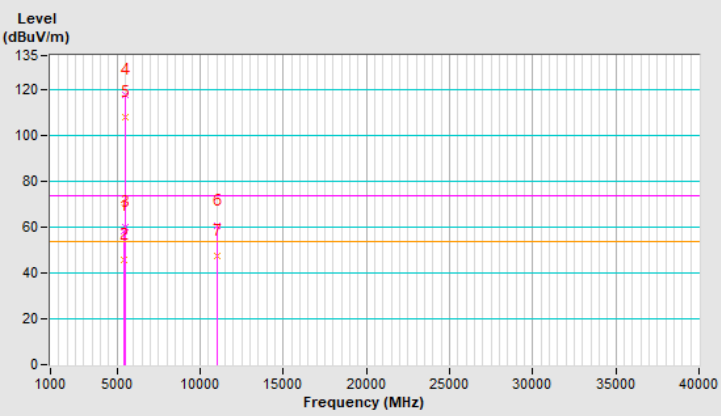


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.2 PK	74.0	-15.8	1.55 V	343	51.9	6.3
2	5460.00	45.9 AV	54.0	-8.1	1.55 V	343	39.6	6.3
3	#5470.00	60.3 PK	68.2	-7.9	1.57 V	347	54.0	6.3
4	*5500.00	117.8 PK			1.57 V	349	75.7	42.1
5	*5500.00	108.4 AV			1.57 V	349	66.3	42.1
6	11000.00	60.5 PK	74.0	-13.5	1.52 V	344	41.9	18.6
7	11000.00	47.5 AV	54.0	-6.5	1.52 V	344	28.9	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

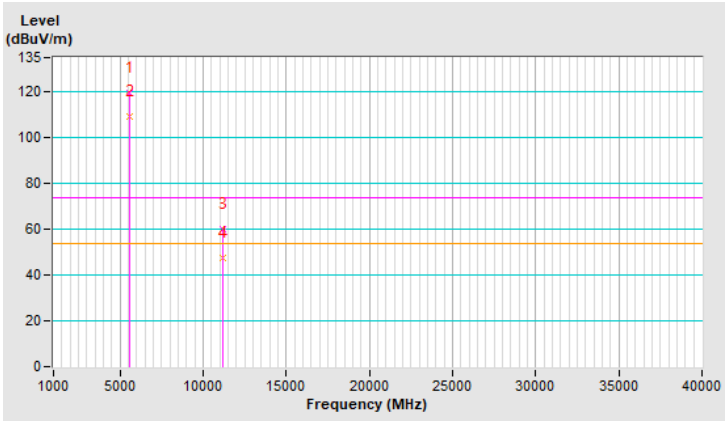


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	119.4 PK			1.42 H	1	77.3	42.1
2	*5580.00	109.5 AV			1.42 H	1	67.4	42.1
3	11160.00	60.3 PK	74.0	-13.7	1.69 H	311	41.8	18.5
4	11160.00	47.4 AV	54.0	-6.6	1.69 H	311	28.9	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

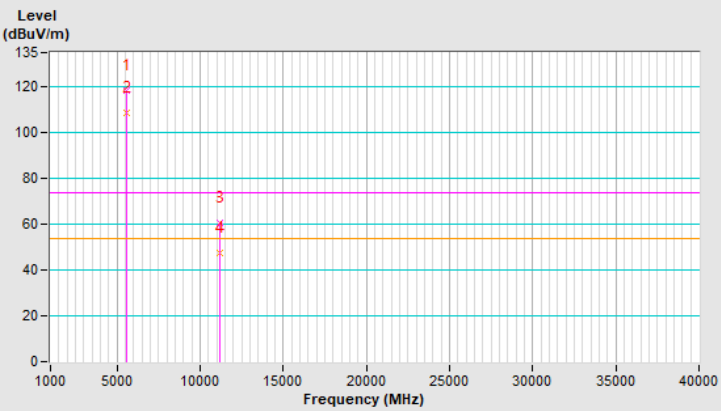


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.4 PK			1.57 V	349	76.3	42.1
2	*5580.00	108.8 AV			1.57 V	349	66.7	42.1
3	11160.00	60.6 PK	74.0	-13.4	1.29 V	341	42.1	18.5
4	11160.00	47.4 AV	54.0	-6.6	1.29 V	341	28.9	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

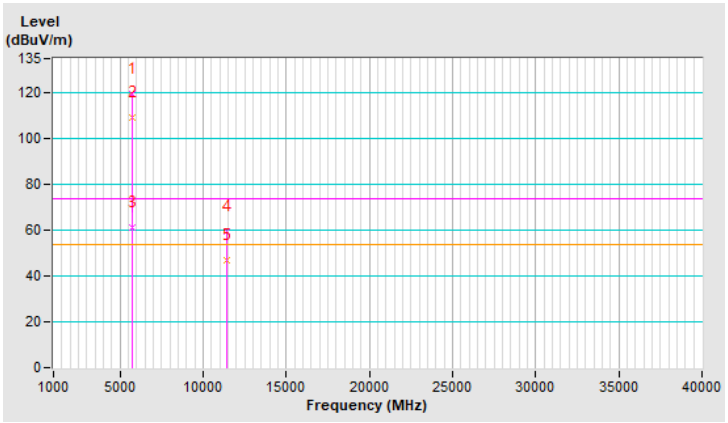


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.4 PK			1.38 H	358	77.1	42.3
2	*5700.00	109.2 AV			1.38 H	358	66.9	42.3
3	#5725.00	61.3 PK	68.2	-6.9	1.39 H	357	54.8	6.5
4	11400.00	59.7 PK	74.0	-14.3	1.65 H	321	41.8	17.9
5	11400.00	46.7 AV	54.0	-7.3	1.65 H	321	28.8	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

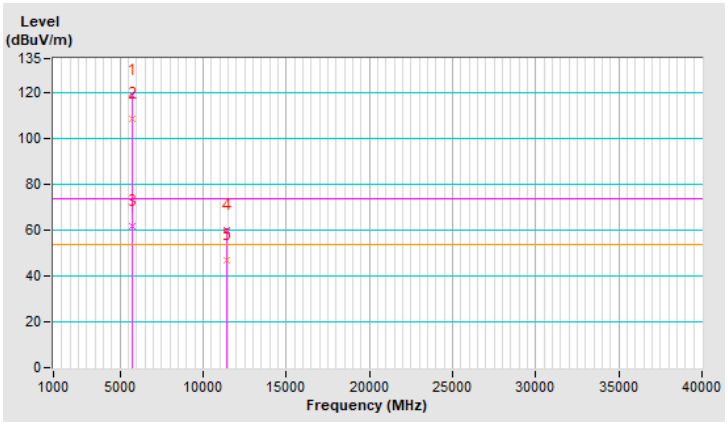


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.2 PK			1.58 V	346	76.9	42.3
2	*5700.00	108.9 AV			1.58 V	346	66.6	42.3
3	#5725.00	61.7 PK	68.2	-6.5	1.56 V	351	55.2	6.5
4	11400.00	59.8 PK	74.0	-14.2	1.42 V	342	41.9	17.9
5	11400.00	46.7 AV	54.0	-7.3	1.42 V	342	28.8	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

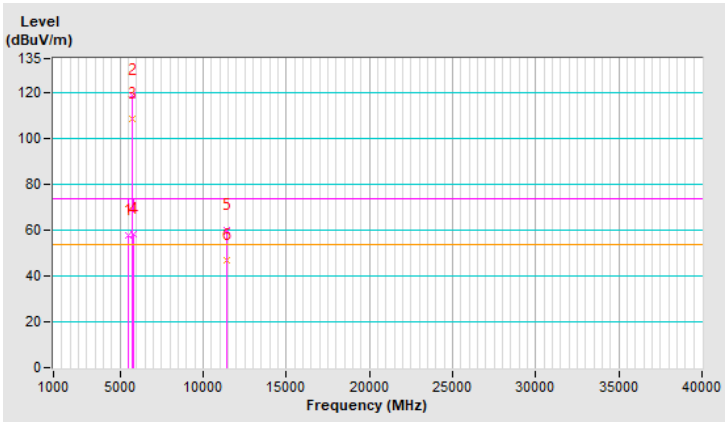


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.0 PK	68.2	-10.2	1.35 H	355	51.7	6.3
2	*5720.00	118.7 PK			1.32 H	358	76.5	42.2
3	*5720.00	108.5 AV			1.32 H	358	66.3	42.2
4	#5850.00	58.6 PK	68.2	-9.6	1.39 H	352	51.8	6.8
5	11440.00	60.1 PK	74.0	-13.9	1.68 H	325	42.1	18.0
6	11440.00	47.0 AV	54.0	-7.0	1.68 H	325	29.0	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

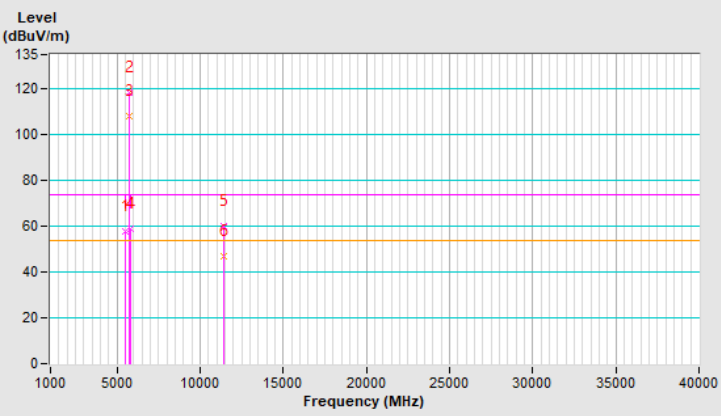


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.9 PK	68.2	-10.3	1.44 V	342	51.6	6.3
2	*5720.00	118.3 PK			1.49 V	348	76.1	42.2
3	*5720.00	108.2 AV			1.49 V	348	66.0	42.2
4	#5850.00	58.8 PK	68.2	-9.4	1.52 V	343	52.0	6.8
5	11440.00	60.0 PK	74.0	-14.0	1.43 V	341	42.0	18.0
6	11440.00	46.8 AV	54.0	-7.2	1.43 V	341	28.8	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

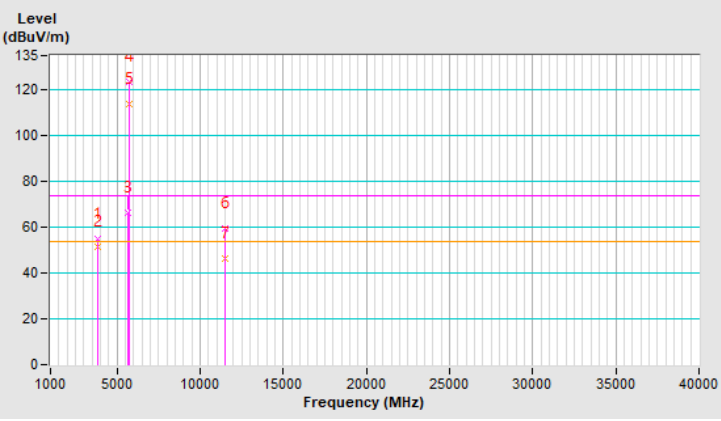


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	54.9 PK	74.0	-19.1	2.28 H	24	51.5	3.4
2	3830.00	51.6 AV	54.0	-2.4	2.28 H	24	48.2	3.4
3	#5650.00	66.1 PK	68.2	-2.1	1.46 H	1	59.8	6.3
4	*5745.00	123.7 PK			1.55 H	356	81.5	42.2
5	*5745.00	114.1 AV			1.55 H	356	71.9	42.2
6	11490.00	59.7 PK	74.0	-14.3	2.22 H	188	41.4	18.3
7	11490.00	46.4 AV	54.0	-7.6	2.22 H	188	28.1	18.3
8	#17235.00	-	-	-	-	-	-	-
9	22980.00	-	-	-	-	-	-	-
10	#28725.00	-	-	-	-	-	-	-
11	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

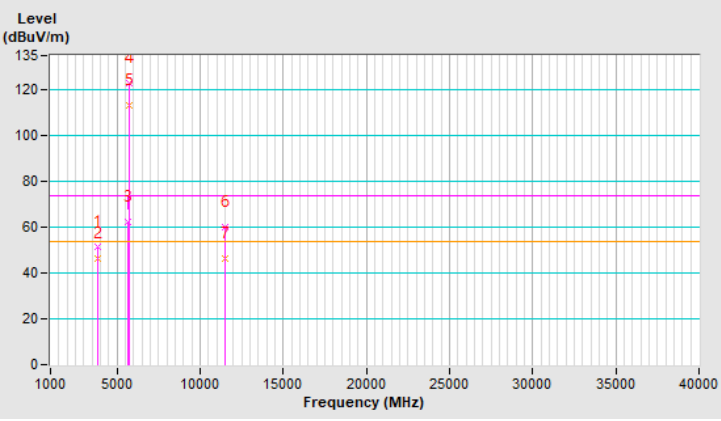


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	51.6 PK	74.0	-22.4	3.78 V	322	48.2	3.4
2	3830.00	46.4 AV	54.0	-7.6	3.78 V	322	43.0	3.4
3	#5650.00	62.1 PK	68.2	-6.1	1.51 V	344	55.8	6.3
4	*5745.00	123.1 PK			1.54 V	346	80.9	42.2
5	*5745.00	113.1 AV			1.54 V	346	70.9	42.2
6	11490.00	59.8 PK	74.0	-14.2	2.71 V	116	41.5	18.3
7	11490.00	46.1 AV	54.0	-7.9	2.71 V	116	27.8	18.3
8	#17235.00	-	-	-	-	-	-	-
9	22980.00	-	-	-	-	-	-	-
10	#28725.00	-	-	-	-	-	-	-
11	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

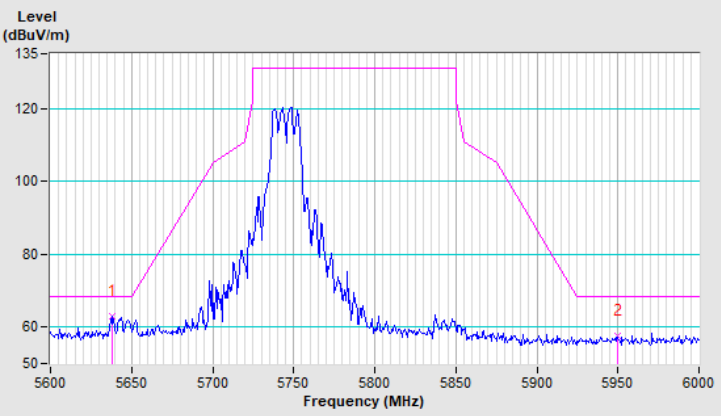


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.82	63.0 PK	68.2	-5.2	1.55 H	356	56.7	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5950.00	57.4 PK	68.2	-10.8	1.55 H	356	50.1	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

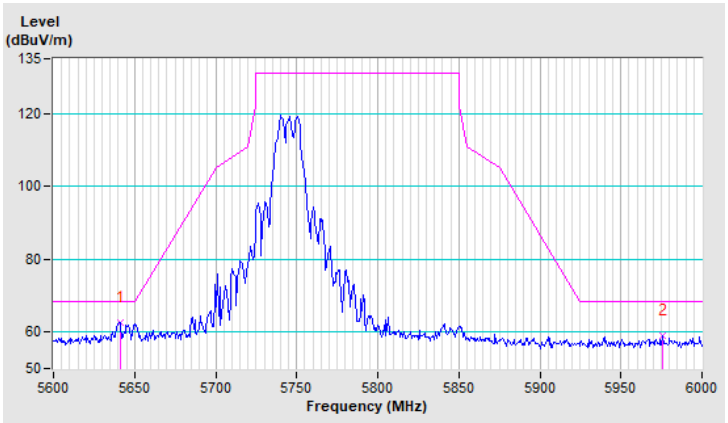


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.03	62.6 PK	68.2	-5.6	1.54 V	346	56.3	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5975.64	59.1 PK	68.2	-9.1	1.54 V	346	51.9	7.2
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

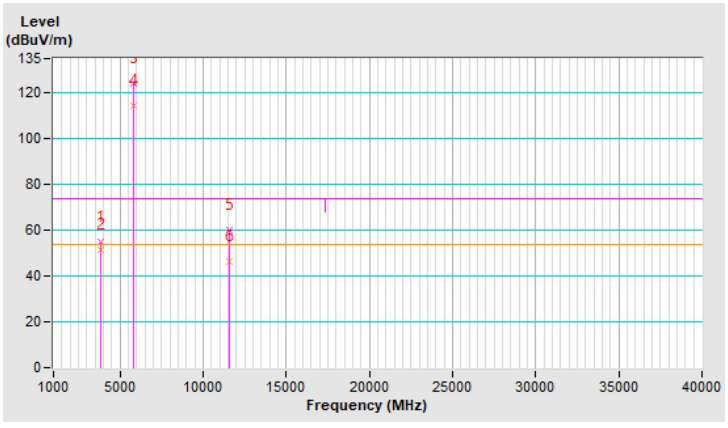


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3857.00	55.0 PK	74.0	-19.0	2.41 H	26	51.6	3.4
2	3857.00	51.7 AV	54.0	-2.3	2.41 H	26	48.3	3.4
3	*5785.00	124.1 PK			1.37 H	356	81.9	42.2
4	*5785.00	114.2 AV			1.37 H	356	72.0	42.2
5	11570.00	59.9 PK	74.0	-14.1	1.99 H	189	41.9	18.0
6	11570.00	46.5 AV	54.0	-7.5	1.99 H	189	28.5	18.0
7	#17355.00	-	-	-	-	-	-	-
8	#23140.00	-	-	-	-	-	-	-
9	#28925.00	-	-	-	-	-	-	-
10	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

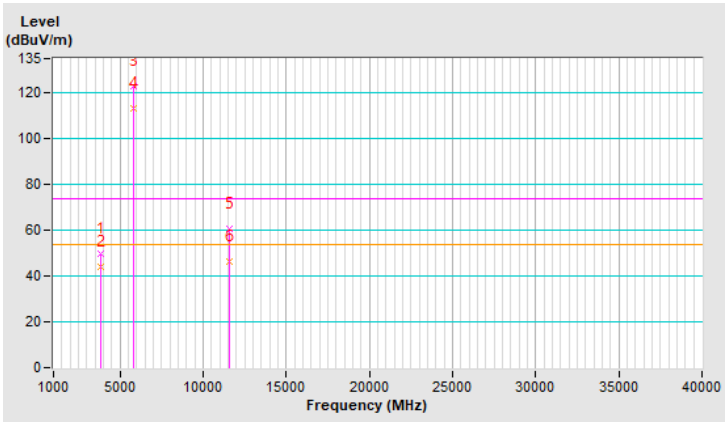


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3857.00	49.9 PK	74.0	-24.1	1.33 V	285	46.5	3.4
2	3857.00	44.0 AV	54.0	-10.0	1.33 V	285	40.6	3.4
3	*5785.00	123.0 PK			1.55 V	353	80.8	42.2
4	*5785.00	113.2 AV			1.55 V	353	71.0	42.2
5	11570.00	60.4 PK	74.0	-13.6	1.79 V	213	42.4	18.0
6	11570.00	46.5 AV	54.0	-7.5	1.79 V	213	28.5	18.0
7	#17355.00	-	-	-	-	-	-	-
8	#23140.00	-	-	-	-	-	-	-
9	#28925.00	-	-	-	-	-	-	-
10	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

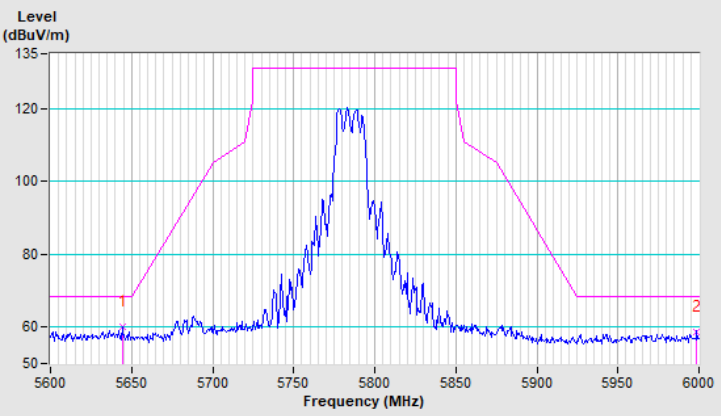


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.23	60.1 PK	68.2	-8.1	1.37 H	356	53.8	6.3
2	*5785.00	-	-	-	-	-	-	-
3	#5998.72	58.8 PK	68.2	-9.4	1.37 H	356	51.6	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

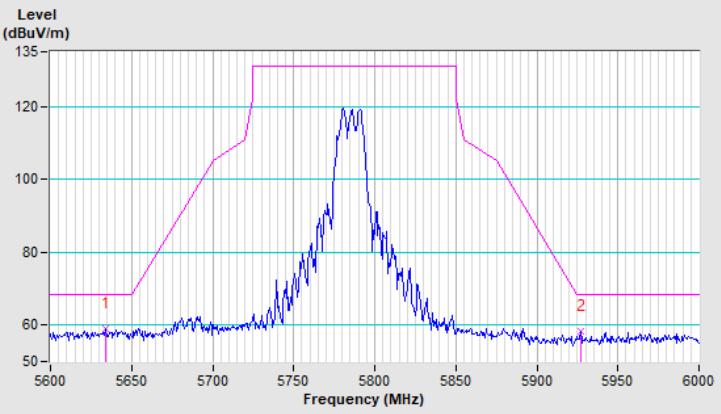


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.97	59.1 PK	68.2	-9.1	1.55 V	353	52.8	6.3
2	*5785.00	-	-	-	-	-	-	-
3	#5926.92	58.4 PK	68.2	-9.8	1.55 V	353	51.1	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

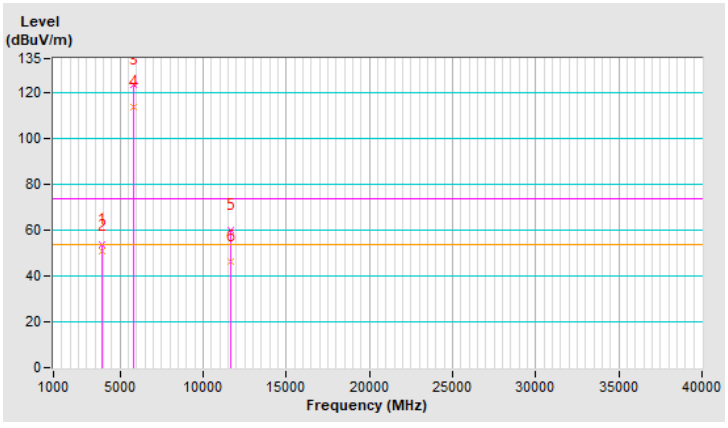


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3883.00	54.0 PK	74.0	-20.0	2.50 H	29	50.4	3.6
2	3883.00	50.8 AV	54.0	-3.2	2.50 H	29	47.2	3.6
3	*5825.00	123.3 PK			1.35 H	356	81.0	42.3
4	*5825.00	113.7 AV			1.35 H	356	71.4	42.3
5	11650.00	60.0 PK	74.0	-14.0	1.89 H	261	42.0	18.0
6	11650.00	46.4 AV	54.0	-7.6	1.89 H	261	28.4	18.0
7	#17475.00	-	-	-	-	-	-	-
8	#23300.00	-	-	-	-	-	-	-
9	#29125.00	-	-	-	-	-	-	-
10	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

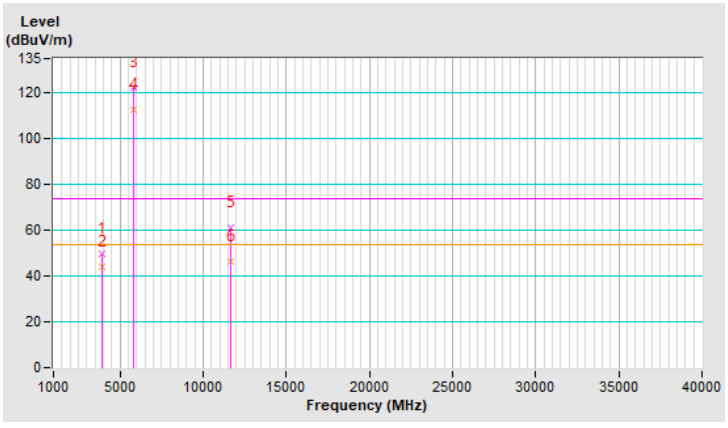


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3883.00	49.6 PK	74.0	-24.4	1.46 V	285	46.0	3.6
2	3883.00	43.8 AV	54.0	-10.2	1.46 V	285	40.2	3.6
3	*5825.00	122.5 PK			1.59 V	352	80.2	42.3
4	*5825.00	112.9 AV			1.59 V	352	70.6	42.3
5	11650.00	61.0 PK	74.0	-13.0	2.03 V	182	43.0	18.0
6	11650.00	46.4 AV	54.0	-7.6	2.03 V	182	28.4	18.0
7	#17475.00	-	-	-	-	-	-	-
8	#23300.00	-	-	-	-	-	-	-
9	#29125.00	-	-	-	-	-	-	-
10	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

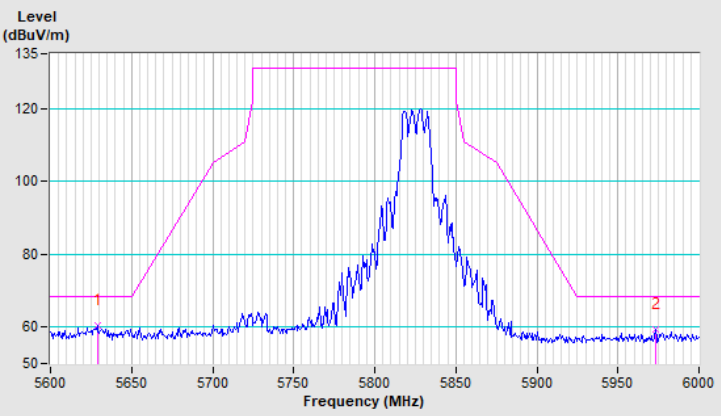


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.85	60.5 PK	68.2	-7.7	1.35 H	356	54.3	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5973.08	59.3 PK	68.2	-8.9	1.35 H	356	52.1	7.2
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

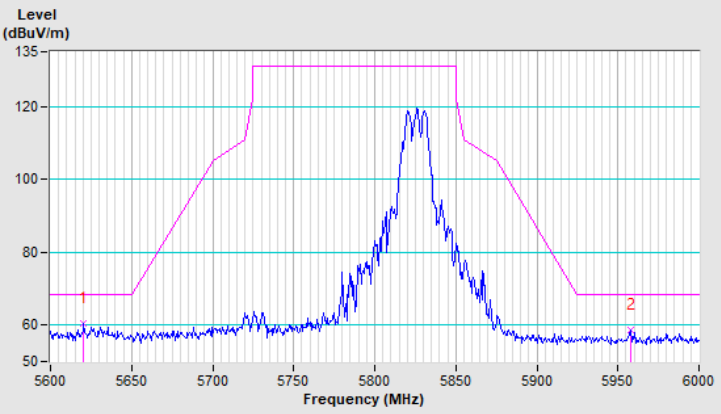


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.51	60.6 PK	68.2	-7.6	1.59 V	352	54.4	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5957.69	58.5 PK	68.2	-9.7	1.59 V	352	51.2	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

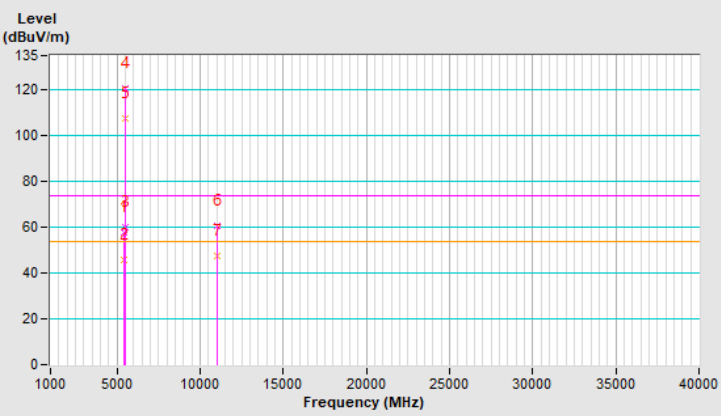


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.8 PK	74.0	-16.2	1.72 H	355	51.5	6.3
2	5460.00	45.8 AV	54.0	-8.2	1.72 H	355	39.5	6.3
3	#5470.00	60.1 PK	68.2	-8.1	1.80 H	352	53.8	6.3
4	*5500.00	120.9 PK			1.46 H	1	78.8	42.1
5	*5500.00	107.6 AV			1.46 H	1	65.5	42.1
6	11000.00	60.5 PK	74.0	-13.5	1.72 H	325	41.9	18.6
7	11000.00	47.5 AV	54.0	-6.5	1.72 H	325	28.9	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

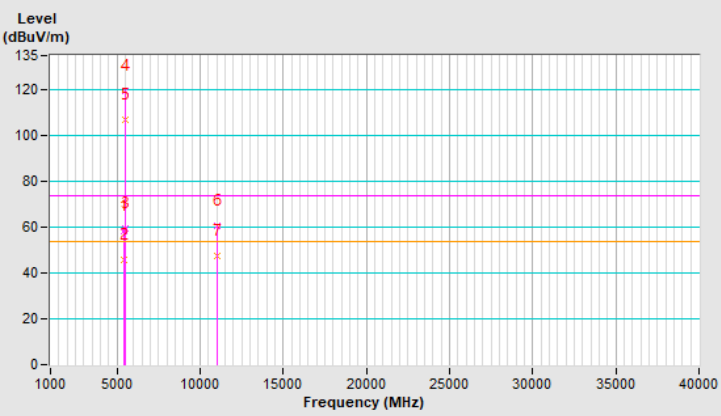


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	1.55 V	343	52.0	6.3
2	5460.00	45.6 AV	54.0	-8.4	1.55 V	343	39.3	6.3
3	#5470.00	59.4 PK	68.2	-8.8	1.52 V	346	53.1	6.3
4	*5500.00	119.5 PK			1.59 V	345	77.4	42.1
5	*5500.00	106.8 AV			1.59 V	345	64.7	42.1
6	11000.00	60.5 PK	74.0	-13.5	1.32 V	342	41.9	18.6
7	11000.00	47.3 AV	54.0	-6.7	1.32 V	342	28.7	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

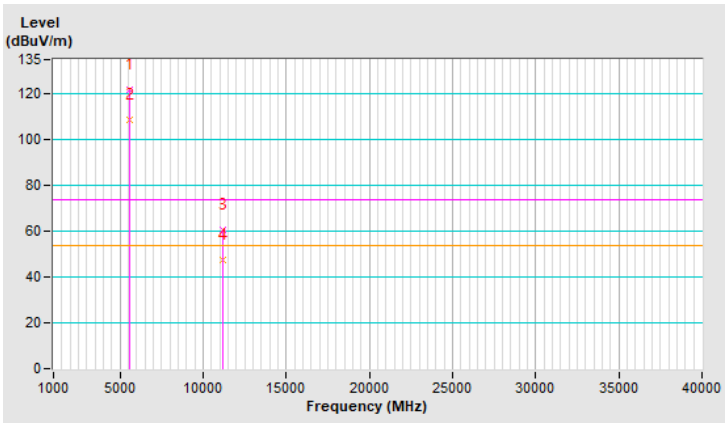


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.6 PK			1.42 H	351	79.5	42.1
2	*5580.00	108.5 AV			1.42 H	351	66.4	42.1
3	11160.00	60.6 PK	74.0	-13.4	1.58 H	329	42.1	18.5
4	11160.00	47.7 AV	54.0	-6.3	1.58 H	329	29.2	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

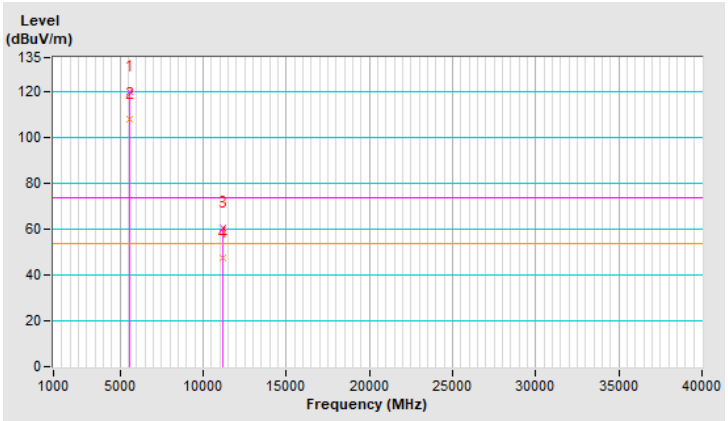


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.4 PK			1.51 V	349	78.3	42.1
2	*5580.00	107.9 AV			1.51 V	349	65.8	42.1
3	11160.00	60.6 PK	74.0	-13.4	1.55 V	345	42.1	18.5
4	11160.00	47.5 AV	54.0	-6.5	1.55 V	345	29.0	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

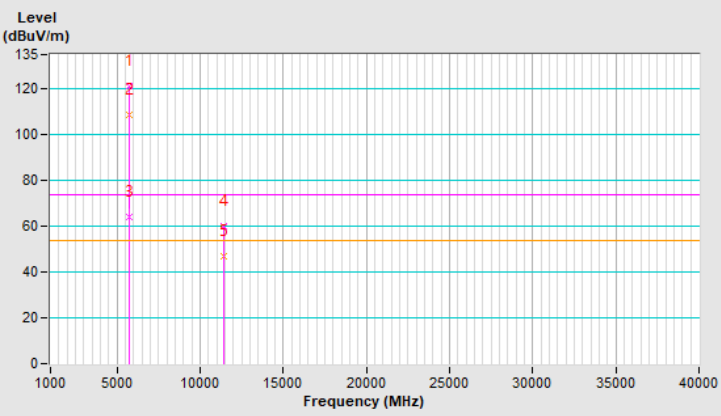


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.5 PK			1.29 H	357	79.2	42.3
2	*5700.00	108.6 AV			1.29 H	357	66.3	42.3
3	#5725.00	63.9 PK	68.2	-4.3	1.29 H	360	57.4	6.5
4	11400.00	59.8 PK	74.0	-14.2	1.58 H	319	41.9	17.9
5	11400.00	46.8 AV	54.0	-7.2	1.58 H	319	28.9	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

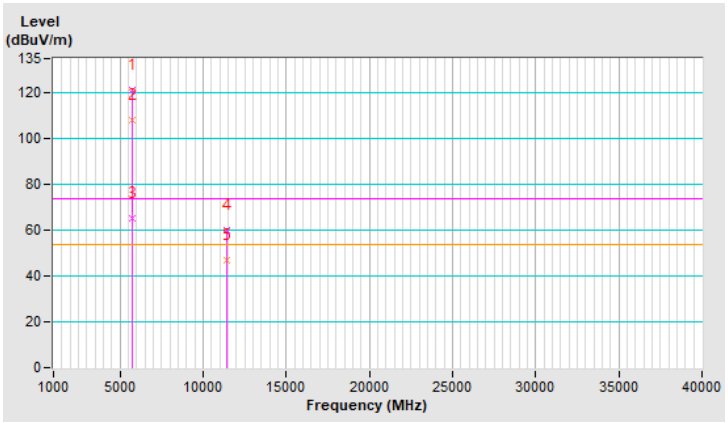


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.2 PK			1.54 V	347	78.9	42.3
2	*5700.00	108.3 AV			1.54 V	347	66.0	42.3
3	**#5725.00**	**65.4 PK**	**68.2**	**-2.8**	**1.50 V**	**348**	**58.9**	**6.5**
4	11400.00	60.0 PK	74.0	-14.0	1.33 V	339	42.1	17.9
5	11400.00	46.7 AV	54.0	-7.3	1.33 V	339	28.8	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

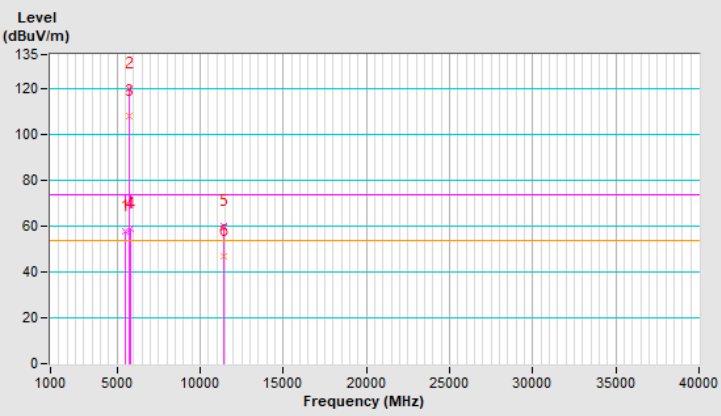


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.8 PK	68.2	-10.4	1.32 H	355	51.5	6.3
2	*5720.00	120.0 PK			1.30 H	357	77.8	42.2
3	*5720.00	107.9 AV			1.30 H	357	65.7	42.2
4	#5850.00	58.8 PK	68.2	-9.4	1.35 H	352	52.0	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.59 H	319	41.9	18.0
6	11440.00	46.9 AV	54.0	-7.1	1.59 H	319	28.9	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

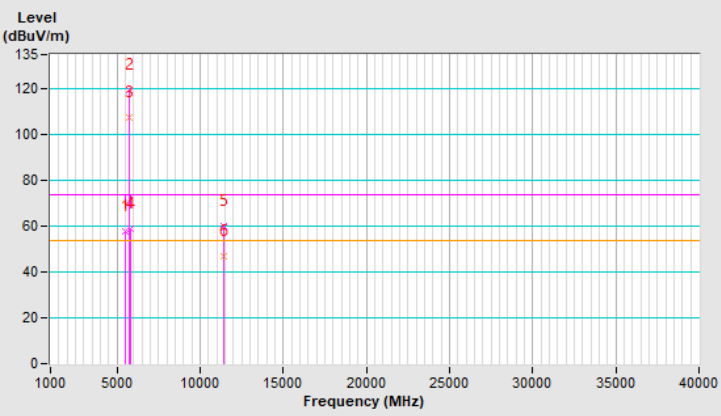


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.8 PK	68.2	-10.4	1.43 V	344	51.5	6.3
2	*5720.00	119.8 PK			1.47 V	347	77.6	42.2
3	*5720.00	107.7 AV			1.47 V	347	65.5	42.2
4	#5850.00	58.9 PK	68.2	-9.3	1.51 V	349	52.1	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.36 V	346	41.9	18.0
6	11440.00	46.9 AV	54.0	-7.1	1.36 V	346	28.9	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

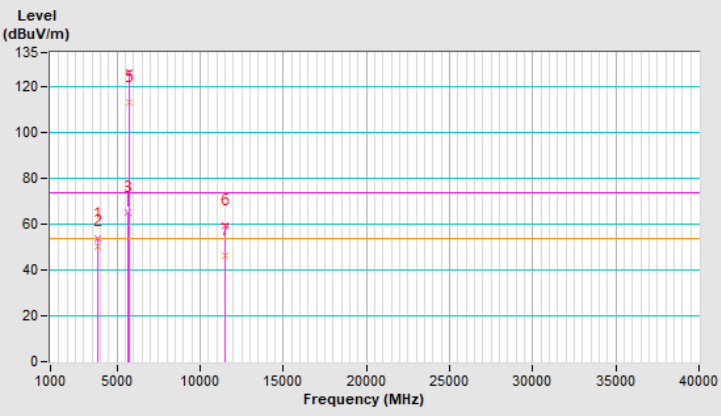


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	53.9 PK	74.0	-20.1	2.28 H	24	50.5	3.4
2	3830.00	50.4 AV	54.0	-3.6	2.28 H	24	47.0	3.4
3	#5650.00	65.3 PK	68.2	-2.9	1.36 H	357	59.0	6.3
4	*5745.00	126.4 PK			1.43 H	357	84.2	42.2
5	*5745.00	113.2 AV			1.43 H	357	71.0	42.2
6	11490.00	59.7 PK	74.0	-14.3	1.69 H	215	41.4	18.3
7	11490.00	46.5 AV	54.0	-7.5	1.69 H	215	28.2	18.3
8	#17235.00	-	-	-	-	-	-	-
9	22980.00	-	-	-	-	-	-	-
10	#28725.00	-	-	-	-	-	-	-
11	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

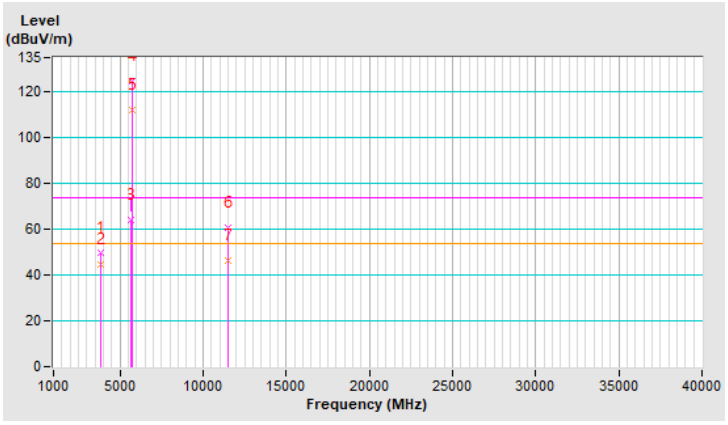


操作模式：	發射 802.11ax (HE20)	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測試日期：	109 年 12 月 26 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	50.0 PK	74.0	-24.0	1.48 V	321	46.6	3.4
2	3830.00	44.6 AV	54.0	-9.4	1.48 V	321	41.2	3.4
3	#5650.00	64.1 PK	68.2	-4.1	1.58 V	356	57.8	6.3
4	*5745.00	124.7 PK			1.51 V	353	82.5	42.2
5	*5745.00	112.1 AV			1.51 V	353	69.9	42.2
6	11490.00	60.6 PK	74.0	-13.4	2.22 V	186	42.3	18.3
7	11490.00	46.1 AV	54.0	-7.9	2.22 V	186	27.8	18.3
8	#17235.00	-	-	-	-	-	-	-
9	22980.00	-	-	-	-	-	-	-
10	#28725.00	-	-	-	-	-	-	-
11	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

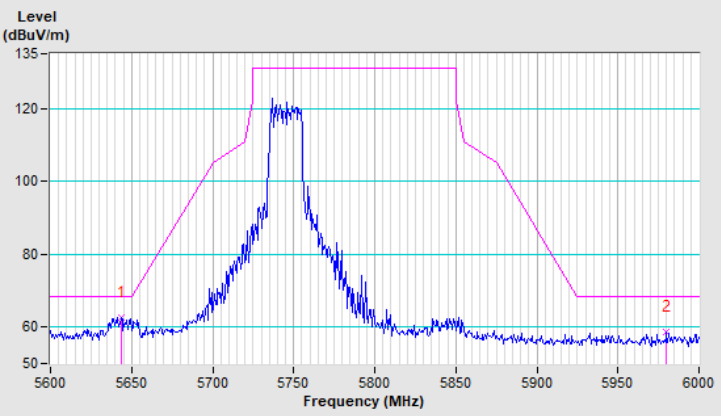


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.59	62.7 PK	68.2	-5.5	1.43 H	357	56.4	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5980.13	58.7 PK	68.2	-9.5	1.43 H	357	51.5	7.2
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

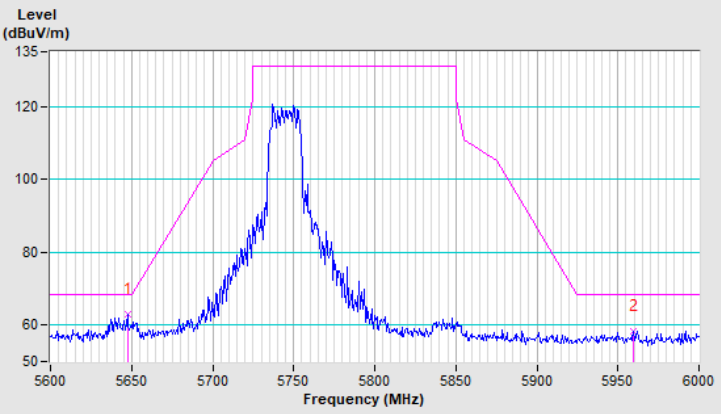


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.44	62.8 PK	68.2	-5.4	1.51 V	353	56.5	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5959.62	58.2 PK	68.2	-10.0	1.51 V	353	50.9	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

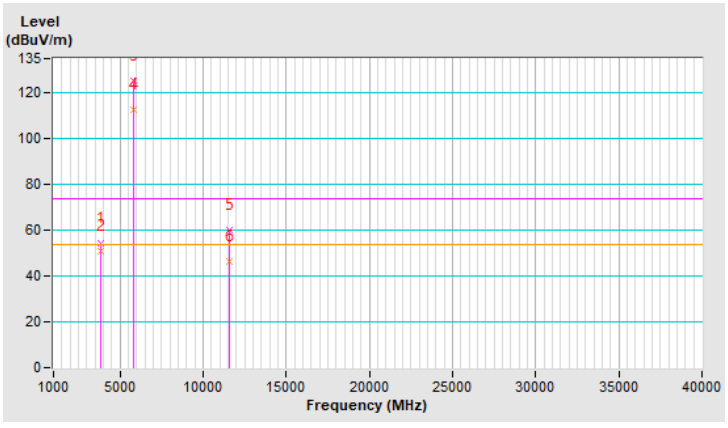


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3857.00	54.2 PK	74.0	-19.8	2.24 H	26	50.8	3.4
2	3857.00	51.0 AV	54.0	-3.0	2.24 H	26	47.6	3.4
3	*5785.00	125.5 PK			1.60 H	359	83.3	42.2
4	*5785.00	112.6 AV			1.60 H	359	70.4	42.2
5	11570.00	59.8 PK	74.0	-14.2	1.69 H	217	41.8	18.0
6	11570.00	46.3 AV	54.0	-7.7	1.69 H	217	28.3	18.0
7	#17355.00	-	-	-	-	-	-	-
8	#23140.00	-	-	-	-	-	-	-
9	#28925.00	-	-	-	-	-	-	-
10	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

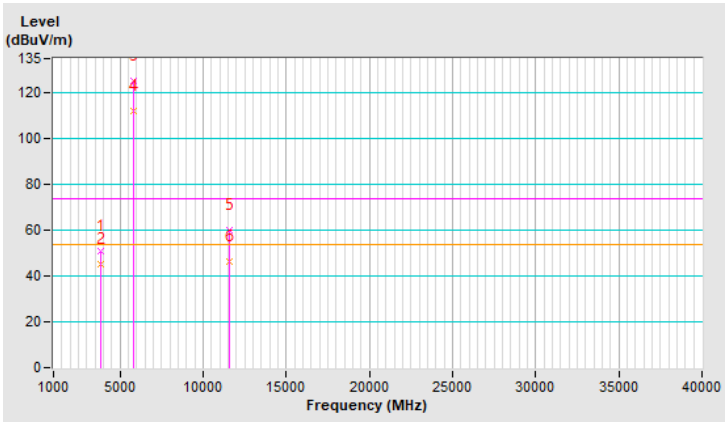


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3857.00	50.7 PK	74.0	-23.3	1.32 V	286	47.3	3.4
2	3857.00	45.2 AV	54.0	-8.8	1.32 V	286	41.8	3.4
3	*5785.00	125.4 PK			1.61 V	350	83.2	42.2
4	*5785.00	112.3 AV			1.61 V	350	70.1	42.2
5	11570.00	60.2 PK	74.0	-13.8	1.88 V	219	42.2	18.0
6	11570.00	46.5 AV	54.0	-7.5	1.88 V	219	28.5	18.0
7	#17355.00	-	-	-	-	-	-	-
8	#23140.00	-	-	-	-	-	-	-
9	#28925.00	-	-	-	-	-	-	-
10	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

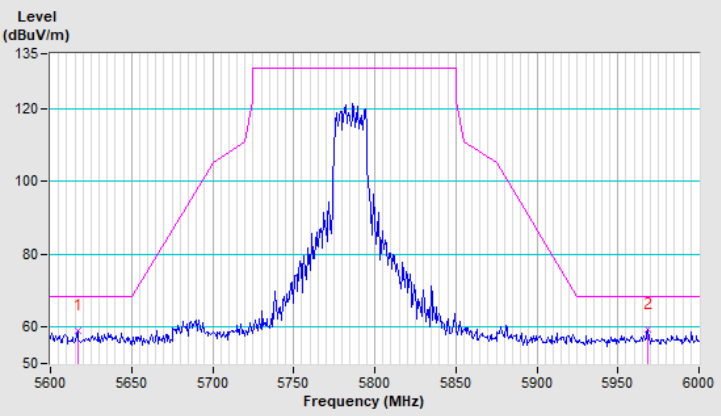


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5616.67	59.0 PK	68.2	-9.2	1.60 H	359	52.8	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5968.59	59.2 PK	68.2	-9.0	1.60 H	359	52.0	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

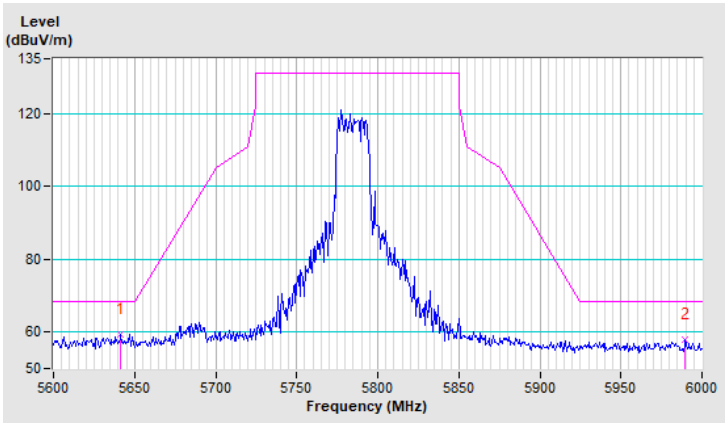


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.67	59.2 PK	68.2	-9.0	1.61 V	350	52.9	6.3
2	*5785.00	-	-	-	-	-	-	-
3	#5989.74	57.9 PK	68.2	-10.3	1.61 V	350	50.7	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

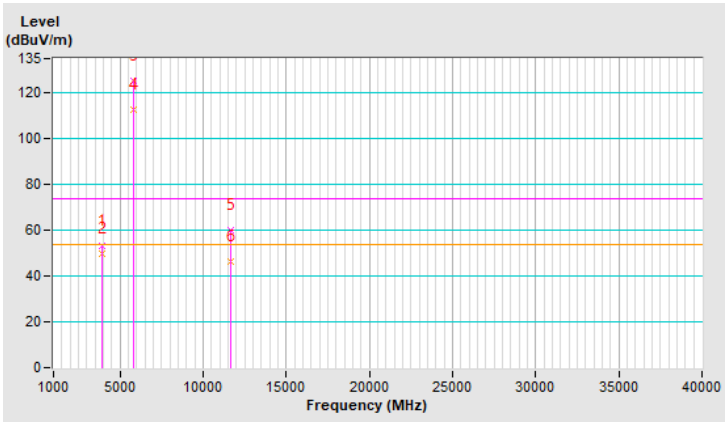


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3883.00	53.2 PK	74.0	-20.8	1.07 H	20	49.6	3.6
2	3883.00	49.5 AV	54.0	-4.5	1.07 H	20	45.9	3.6
3	*5825.00	125.3 PK			1.40 H	359	83.0	42.3
4	*5825.00	112.6 AV			1.40 H	359	70.3	42.3
5	11650.00	59.8 PK	74.0	-14.2	1.95 H	216	41.8	18.0
6	11650.00	46.4 AV	54.0	-7.6	1.95 H	216	28.4	18.0
7	#17475.00	-	-	-	-	-	-	-
8	#23300.00	-	-	-	-	-	-	-
9	#29125.00	-	-	-	-	-	-	-
10	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

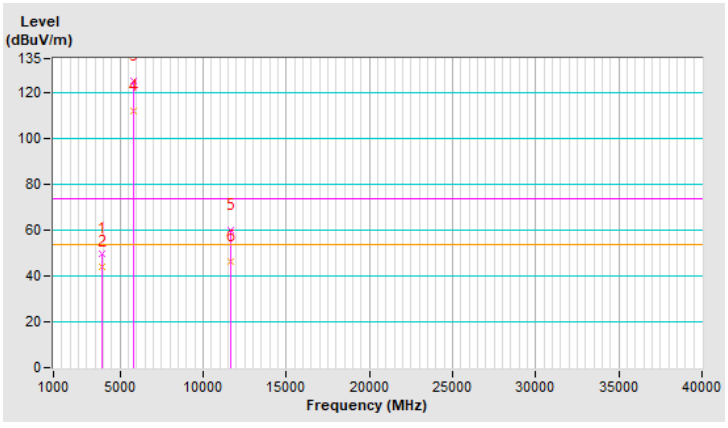


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3883.00	49.8 PK	74.0	-24.2	1.48 V	134	46.2	3.6
2	3883.00	44.2 AV	54.0	-9.8	1.48 V	134	40.6	3.6
3	*5825.00	125.1 PK			1.58 V	358	82.8	42.3
4	*5825.00	112.1 AV			1.58 V	358	69.8	42.3
5	11650.00	60.1 PK	74.0	-13.9	2.19 V	196	42.1	18.0
6	11650.00	46.6 AV	54.0	-7.4	2.19 V	196	28.6	18.0
7	#17475.00	-	-	-	-	-	-	-
8	#23300.00	-	-	-	-	-	-	-
9	#29125.00	-	-	-	-	-	-	-
10	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

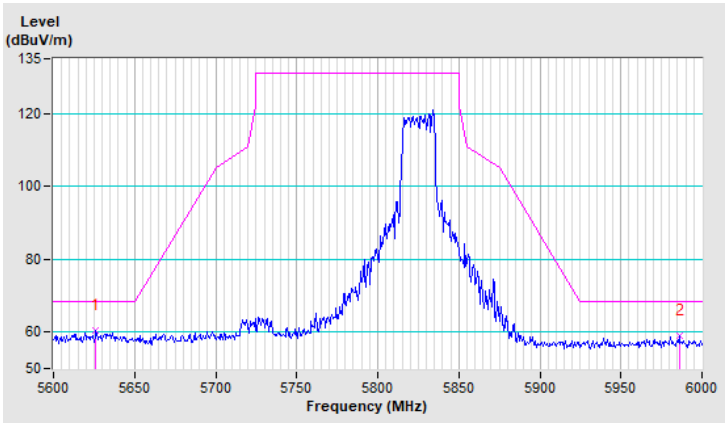


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5626.28	60.6 PK	68.2	-7.6	1.40 H	359	54.4	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5985.90	59.1 PK	68.2	-9.1	1.40 H	359	51.9	7.2
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

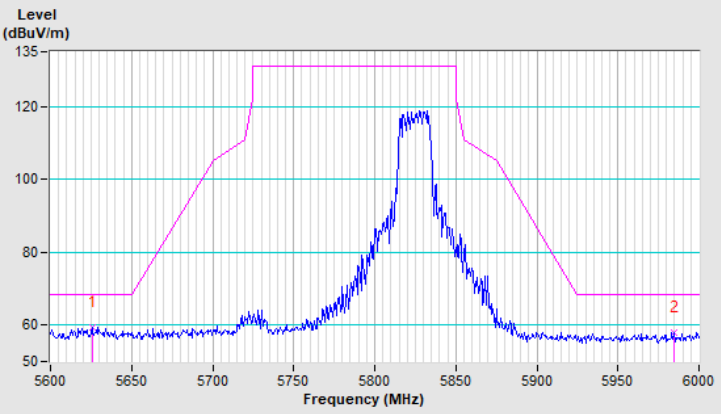


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5625.64	59.5 PK	68.2	-8.7	1.58 V	358	53.3	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5984.62	58.0 PK	68.2	-10.2	1.58 V	358	50.8	7.2
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

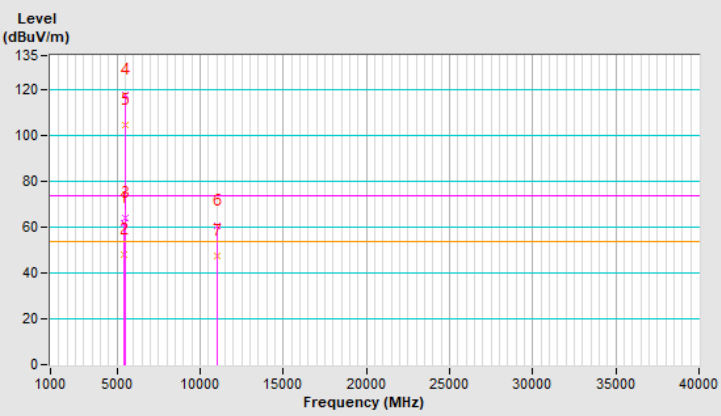


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.7 PK	74.0	-12.3	1.42 H	345	55.4	6.3
2	5460.00	47.9 AV	54.0	-6.1	1.42 H	345	41.6	6.3
3	#5470.00	64.0 PK	68.2	-4.2	1.45 H	350	57.7	6.3
4	*5510.00	117.7 PK			1.42 H	1	75.6	42.1
5	*5510.00	104.8 AV			1.42 H	1	62.7	42.1
6	11020.00	60.7 PK	74.0	-13.3	1.66 H	321	42.1	18.6
7	11020.00	47.6 AV	54.0	-6.4	1.66 H	321	29.0	18.6
8	#16530.00	-	-	-	-	-	-	-
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

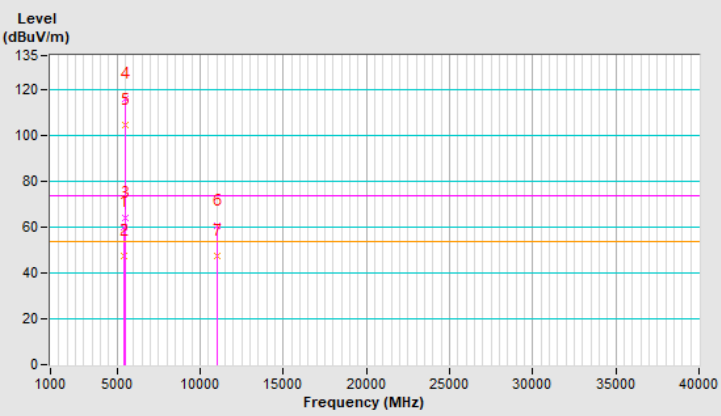


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.0 PK	74.0	-14.0	1.52 V	344	53.7	6.3
2	5460.00	47.2 AV	54.0	-6.8	1.52 V	344	40.9	6.3
3	#5470.00	63.9 PK	68.2	-4.3	1.59 V	350	57.6	6.3
4	*5510.00	116.2 PK			1.56 V	346	74.1	42.1
5	*5510.00	104.4 AV			1.56 V	346	62.3	42.1
6	11020.00	60.4 PK	74.0	-13.6	1.42 V	348	41.8	18.6
7	11020.00	47.5 AV	54.0	-6.5	1.42 V	348	28.9	18.6
8	#16530.00	-	-	-	-	-	-	-
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

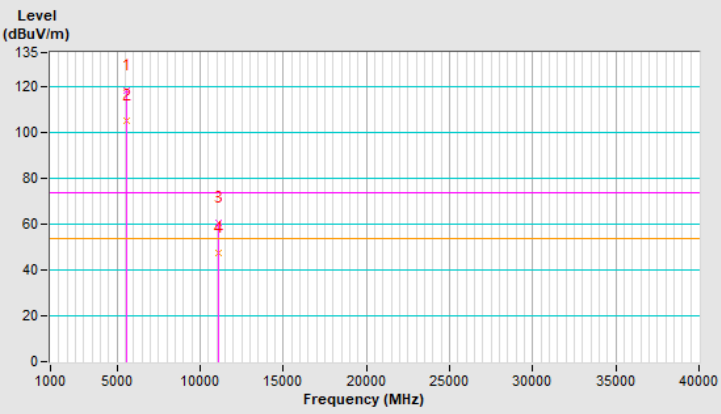


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	118.4 PK			1.40 H	347	76.3	42.1
2	*5550.00	105.5 AV			1.40 H	347	63.4	42.1
3	11100.00	60.4 PK	74.0	-13.6	1.59 H	316	42.1	18.3
4	11100.00	47.4 AV	54.0	-6.6	1.59 H	316	29.1	18.3
5	#16650.00	-	-	-	-	-	-	-
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

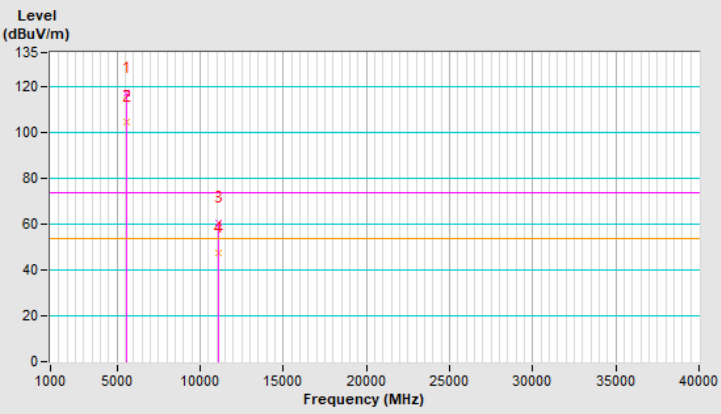


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	117.4 PK			1.61 V	349	75.3	42.1
2	*5550.00	104.9 AV			1.61 V	349	62.8	42.1
3	11100.00	60.4 PK	74.0	-13.6	1.29 V	344	42.1	18.3
4	11100.00	47.2 AV	54.0	-6.8	1.29 V	344	28.9	18.3
5	#16650.00	-	-	-	-	-	-	-
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

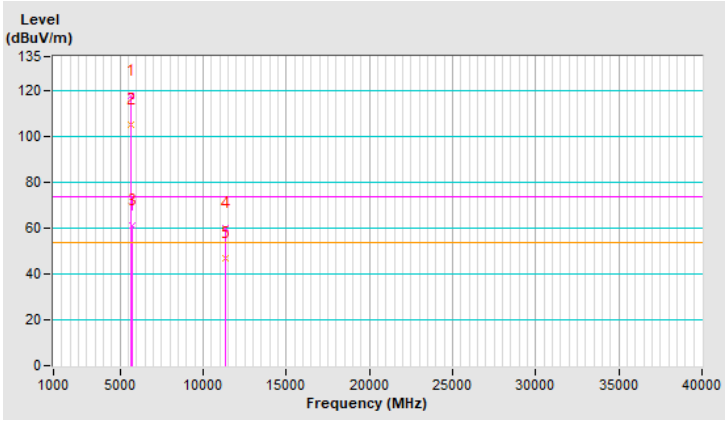


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	118.1 PK			1.40 H	3	75.9	42.2
2	*5670.00	105.1 AV			1.40 H	3	62.9	42.2
3	#5725.00	61.4 PK	68.2	-6.8	1.44 H	344	54.9	6.5
4	11340.00	60.0 PK	74.0	-14.0	1.59 H	309	41.9	18.1
5	11340.00	47.1 AV	54.0	-6.9	1.59 H	309	29.0	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

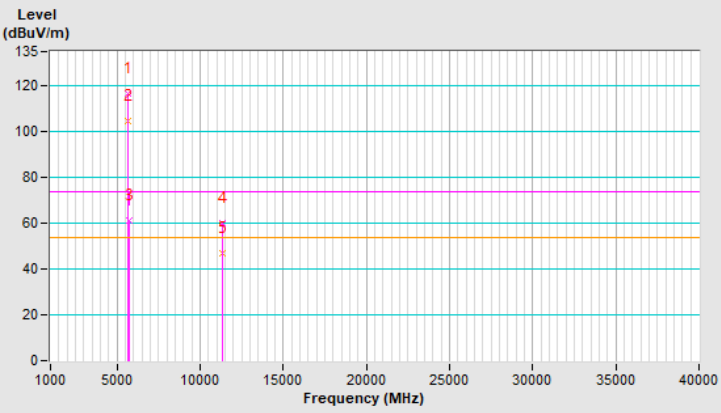


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	116.9 PK			1.60 V	345	74.7	42.2
2	*5670.00	104.6 AV			1.60 V	345	62.4	42.2
3	#5725.00	61.0 PK	68.2	-7.2	1.62 V	355	54.5	6.5
4	11340.00	60.0 PK	74.0	-14.0	1.22 V	345	41.9	18.1
5	11340.00	47.0 AV	54.0	-7.0	1.22 V	345	28.9	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

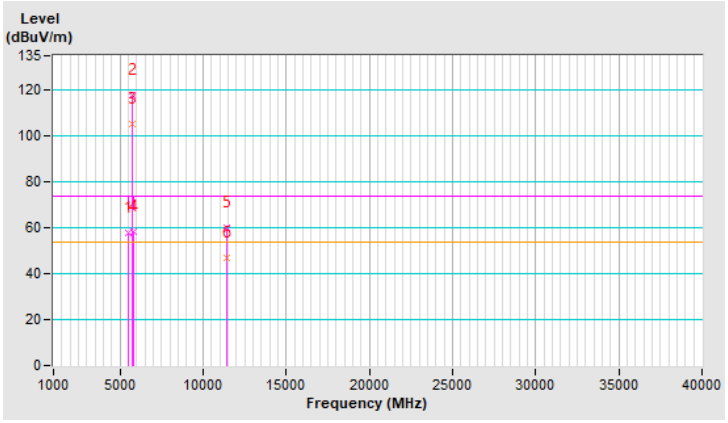


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.8 PK	68.2	-10.4	1.42 H	359	51.5	6.3
2	*5710.00	117.8 PK			1.39 H	355	75.5	42.3
3	*5710.00	105.0 AV			1.39 H	355	62.7	42.3
4	#5850.00	58.2 PK	68.2	-10.0	1.44 H	356	51.4	6.8
5	11420.00	59.9 PK	74.0	-14.1	1.52 H	312	42.0	17.9
6	11420.00	46.7 AV	54.0	-7.3	1.52 H	312	28.8	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

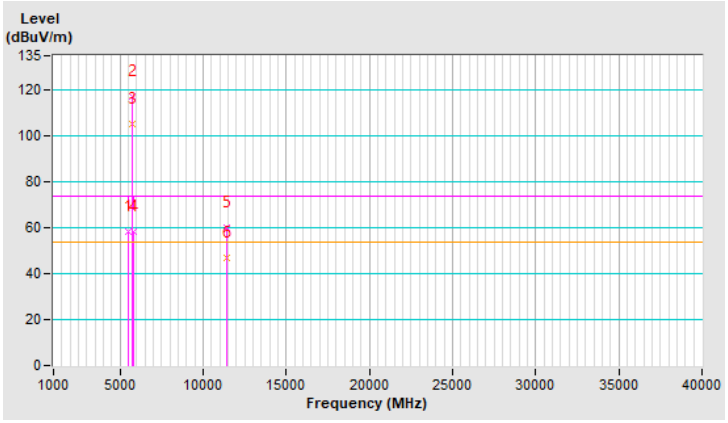


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.3 PK	68.2	-9.9	1.55 V	355	52.0	6.3
2	*5710.00	117.3 PK			1.53 V	351	75.0	42.3
3	*5710.00	105.0 AV			1.53 V	351	62.7	42.3
4	#5850.00	58.5 PK	68.2	-9.7	1.51 V	353	51.7	6.8
5	11420.00	60.0 PK	74.0	-14.0	1.26 V	352	42.1	17.9
6	11420.00	46.8 AV	54.0	-7.2	1.26 V	352	28.9	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

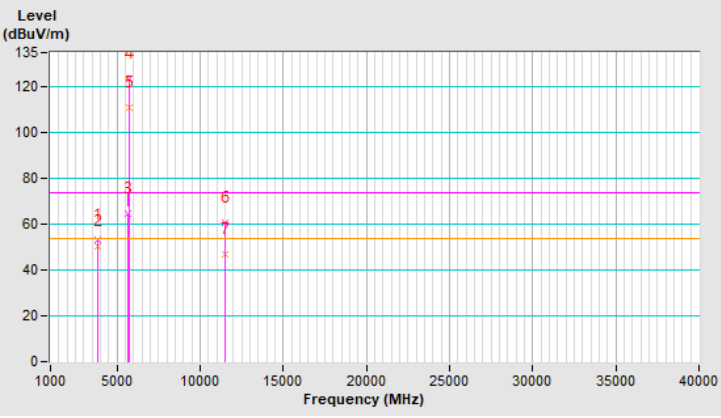


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3837.00	53.4 PK	74.0	-20.6	2.29 H	25	50.0	3.4
2	3837.00	50.4 AV	54.0	-3.6	2.29 H	25	47.0	3.4
3	#5650.00	64.5 PK	68.2	-3.7	1.23 H	359	58.2	6.3
4	*5755.00	123.7 PK			1.46 H	355	81.4	42.3
5	*5755.00	110.7 AV			1.46 H	355	68.4	42.3
6	11510.00	60.5 PK	74.0	-13.5	2.36 H	188	42.3	18.2
7	11510.00	46.8 AV	54.0	-7.2	2.36 H	188	28.6	18.2
8	#17265.00	-	-	-	-	-	-	-
9	23020.00	-	-	-	-	-	-	-
10	#28775.00	-	-	-	-	-	-	-
11	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

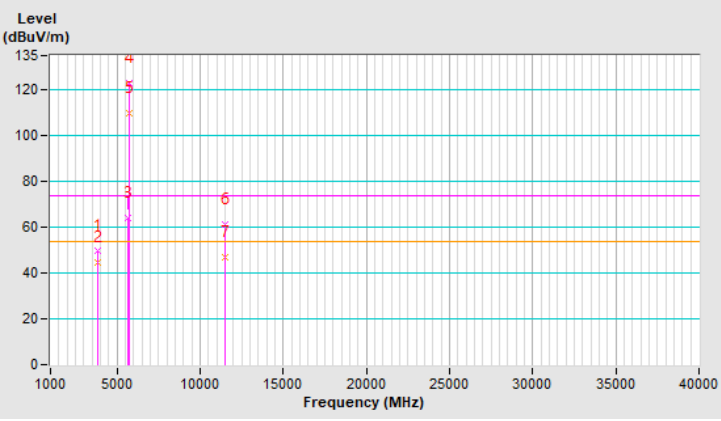


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3837.00	49.8 PK	74.0	-24.2	1.48 V	320	46.4	3.4
2	3837.00	44.4 AV	54.0	-9.6	1.48 V	320	41.0	3.4
3	#5650.00	63.8 PK	68.2	-4.4	1.52 V	349	57.5	6.3
4	*5755.00	122.9 PK			1.59 V	345	80.6	42.3
5	*5755.00	109.6 AV			1.59 V	345	67.3	42.3
6	11510.00	61.1 PK	74.0	-12.9	1.96 V	229	42.9	18.2
7	11510.00	46.7 AV	54.0	-7.3	1.96 V	229	28.5	18.2
8	#17265.00	-	-	-	-	-	-	-
9	23020.00	-	-	-	-	-	-	-
10	#28775.00	-	-	-	-	-	-	-
11	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.33	63.2 PK	68.2	-5.0	1.46 H	355	56.9	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5953.85	58.3 PK	68.2	-9.9	1.46 H	355	51.0	7.3
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
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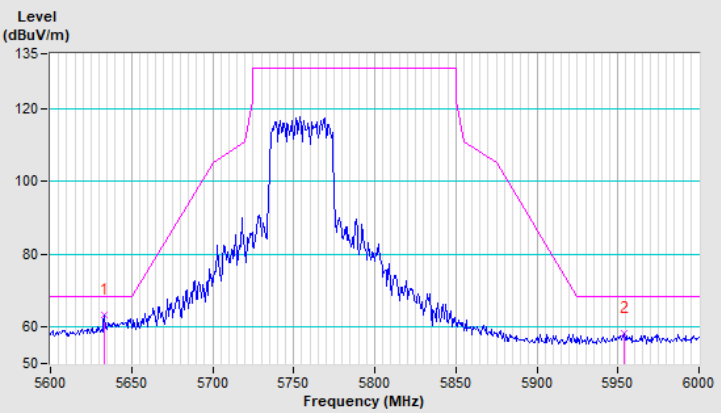
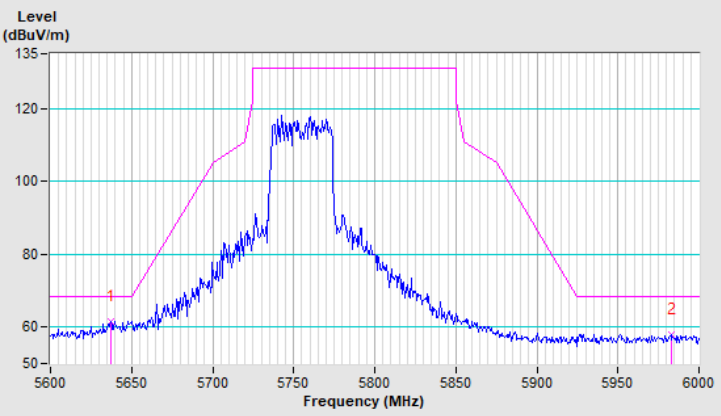


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.18	61.6 PK	68.2	-6.6	1.59 V	345	55.3	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5982.69	58.0 PK	68.2	-10.2	1.59 V	345	50.8	7.2
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

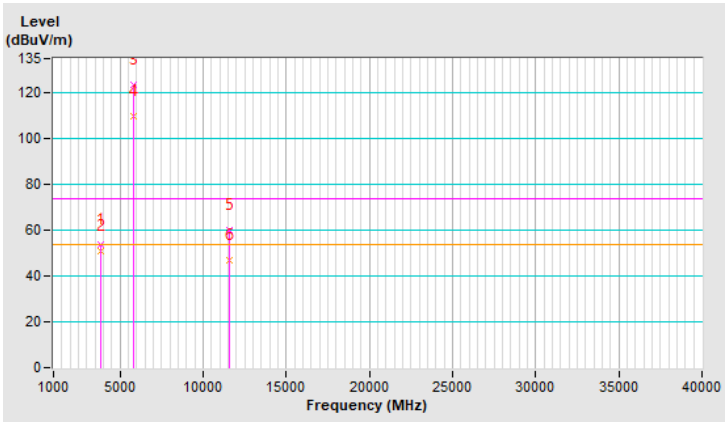


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3863.00	54.0 PK	74.0	-20.0	2.26 H	25	50.6	3.4
2	3863.00	50.9 AV	54.0	-3.1	2.26 H	25	47.5	3.4
3	*5795.00	123.6 PK			1.43 H	354	81.4	42.2
4	*5795.00	109.9 AV			1.43 H	354	67.7	42.2
5	11590.00	60.1 PK	74.0	-13.9	1.86 H	211	42.3	17.8
6	11590.00	46.7 AV	54.0	-7.3	1.86 H	211	28.9	17.8
7	#17385.00	-	-	-	-	-	-	-
8	#23180.00	-	-	-	-	-	-	-
9	#28975.00	-	-	-	-	-	-	-
10	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

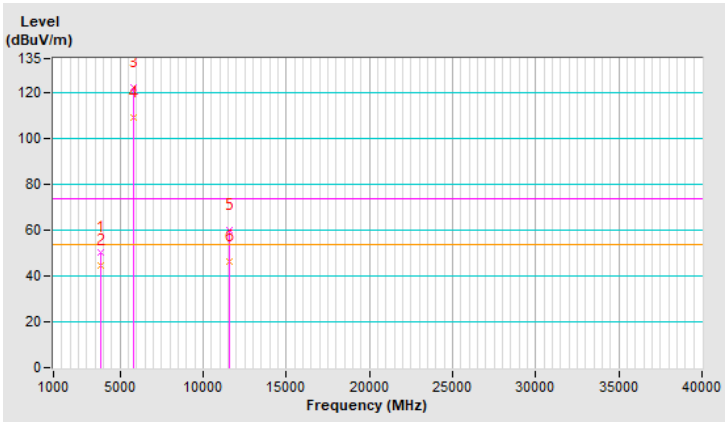


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3863.00	50.1 PK	74.0	-23.9	1.46 V	285	46.7	3.4
2	3863.00	44.7 AV	54.0	-9.3	1.46 V	285	41.3	3.4
3	*5795.00	122.7 PK			1.52 V	347	80.5	42.2
4	*5795.00	109.3 AV			1.52 V	347	67.1	42.2
5	11590.00	60.1 PK	74.0	-13.9	1.84 V	262	42.3	17.8
6	11590.00	46.6 AV	54.0	-7.4	1.84 V	262	28.8	17.8
7	#17385.00	-	-	-	-	-	-	-
8	#23180.00	-	-	-	-	-	-	-
9	#28975.00	-	-	-	-	-	-	-
10	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

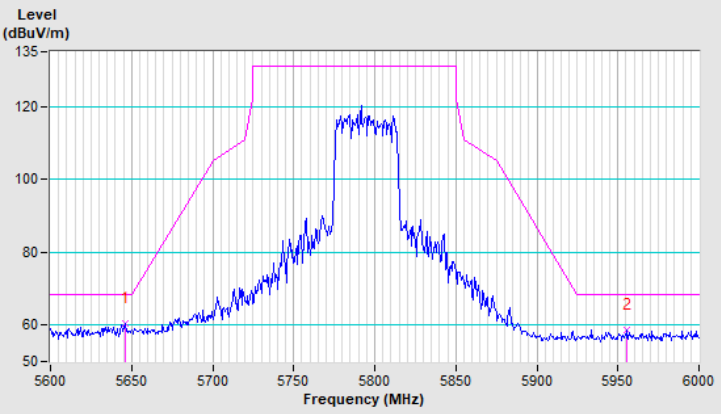


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.15	60.6 PK	68.2	-7.6	1.43 H	354	54.3	6.3
2	*5795.00	-	-	-	-	-	-	-
3	#5955.77	58.6 PK	68.2	-9.6	1.43 H	354	51.3	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

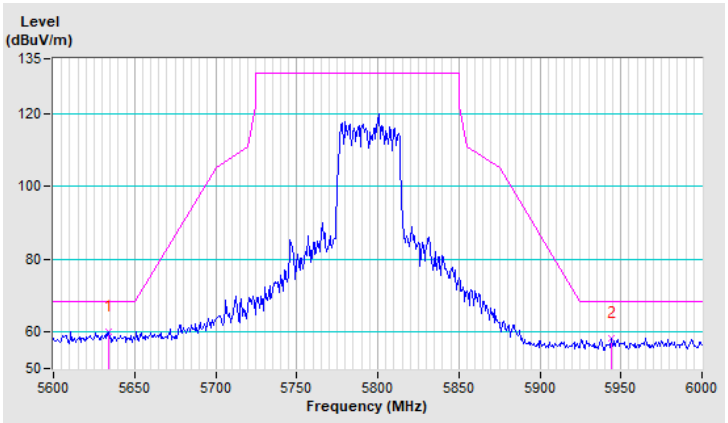


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.97	60.2 PK	68.2	-8.0	1.52 V	347	53.9	6.3
2	*5795.00	-	-	-	-	-	-	-
3	#5944.23	58.4 PK	68.2	-9.8	1.52 V	347	51.1	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

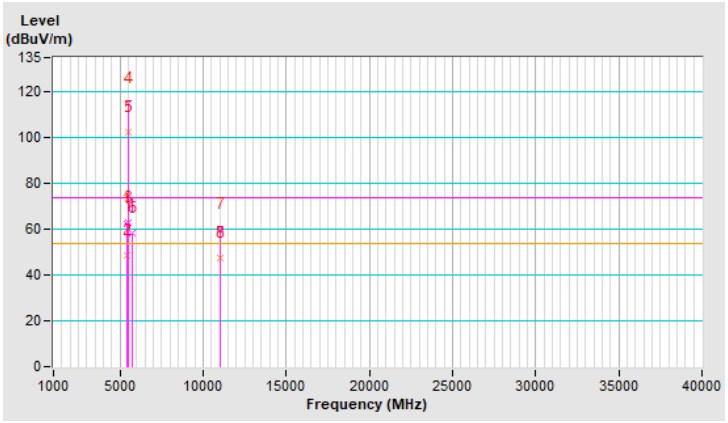


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.1 PK	74.0	-11.9	1.52 H	6	55.8	6.3
2	5460.00	48.8 AV	54.0	-5.2	1.52 H	6	42.5	6.3
3	#5470.00	63.0 PK	68.2	-5.2	1.54 H	4	56.7	6.3
4	*5530.00	114.8 PK			1.38 H	344	72.7	42.1
5	*5530.00	102.6 AV			1.38 H	344	60.5	42.1
6	#5725.00	58.1 PK	68.2	-10.1	1.55 H	1	51.6	6.5
7	11060.00	60.2 PK	74.0	-13.8	1.53 H	312	41.8	18.4
8	11060.00	47.3 AV	54.0	-6.7	1.53 H	312	28.9	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

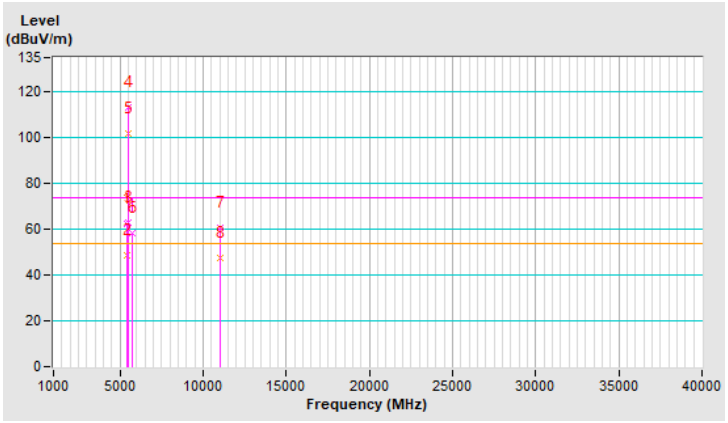


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.2 PK	74.0	-11.8	1.55 V	345	55.9	6.3
2	5460.00	48.8 AV	54.0	-5.2	1.55 V	345	42.5	6.3
3	#5470.00	63.2 PK	68.2	-5.0	1.60 V	347	56.9	6.3
4	*5530.00	113.5 PK			1.71 V	348	71.4	42.1
5	*5530.00	101.9 AV			1.71 V	348	59.8	42.1
6	#5725.00	58.3 PK	68.2	-9.9	1.53 V	343	51.8	6.5
7	11060.00	60.5 PK	74.0	-13.5	1.62 V	351	42.1	18.4
8	11060.00	47.3 AV	54.0	-6.7	1.62 V	351	28.9	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

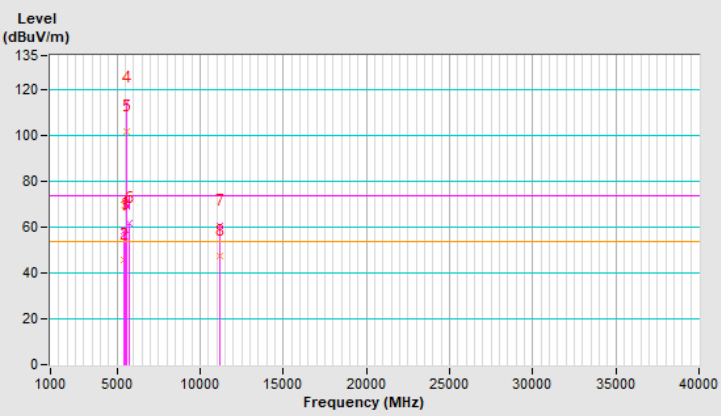


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.5 PK	74.0	-15.5	1.57 H	356	52.2	6.3
2	5460.00	46.0 AV	54.0	-8.0	1.57 H	356	39.7	6.3
3	#5470.00	58.8 PK	68.2	-9.4	1.59 H	359	52.5	6.3
4	*5610.00	114.2 PK			1.52 H	350	72.1	42.1
5	*5610.00	101.9 AV			1.52 H	350	59.8	42.1
6	#5725.00	61.7 PK	68.2	-6.5	1.34 H	352	55.2	6.5
7	11220.00	60.4 PK	74.0	-13.6	1.66 H	323	41.9	18.5
8	11220.00	47.4 AV	54.0	-6.6	1.66 H	323	28.9	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

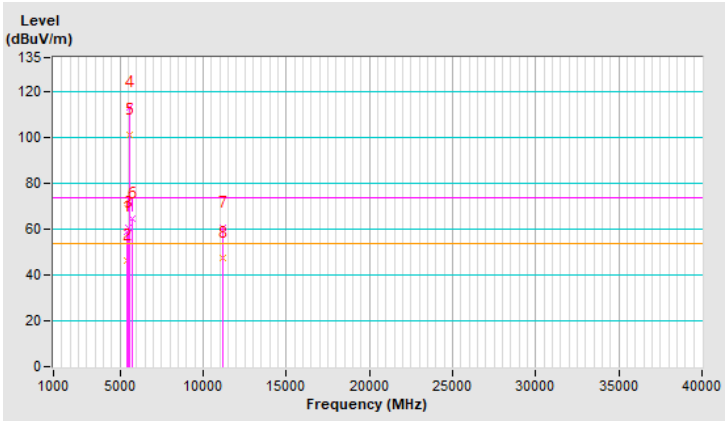


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.8 PK	74.0	-15.2	1.57 V	342	52.5	6.3
2	5460.00	46.1 AV	54.0	-7.9	1.57 V	342	39.8	6.3
3	#5470.00	60.8 PK	68.2	-7.4	1.59 V	347	54.5	6.3
4	*5610.00	113.3 PK			1.62 V	346	71.2	42.1
5	*5610.00	101.4 AV			1.62 V	346	59.3	42.1
6	#5725.00	64.6 PK	68.2	-3.6	1.57 V	347	58.1	6.5
7	11220.00	60.8 PK	74.0	-13.2	1.32 V	359	42.3	18.5
8	11220.00	47.6 AV	54.0	-6.4	1.32 V	359	29.1	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

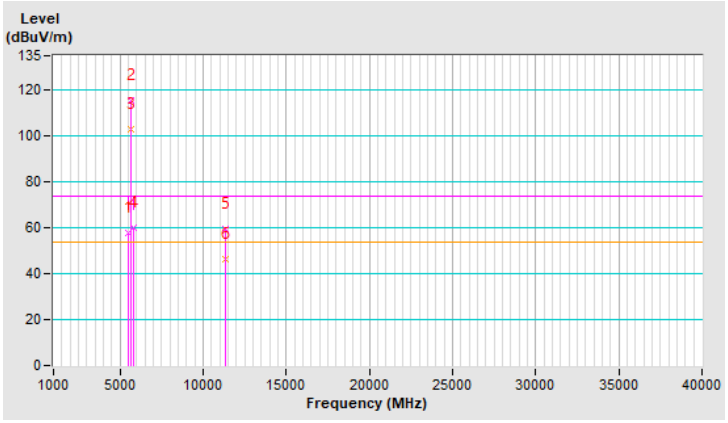


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.9 PK	68.2	-10.3	1.31 H	352	51.6	6.3
2	*5690.00	115.8 PK			1.28 H	358	73.5	42.3
3	*5690.00	103.1 AV			1.28 H	358	60.8	42.3
4	#5850.00	60.0 PK	68.2	-8.2	1.33 H	355	53.2	6.8
5	11380.00	59.6 PK	74.0	-14.4	1.55 H	308	41.8	17.8
6	11380.00	46.6 AV	54.0	-7.4	1.55 H	308	28.8	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

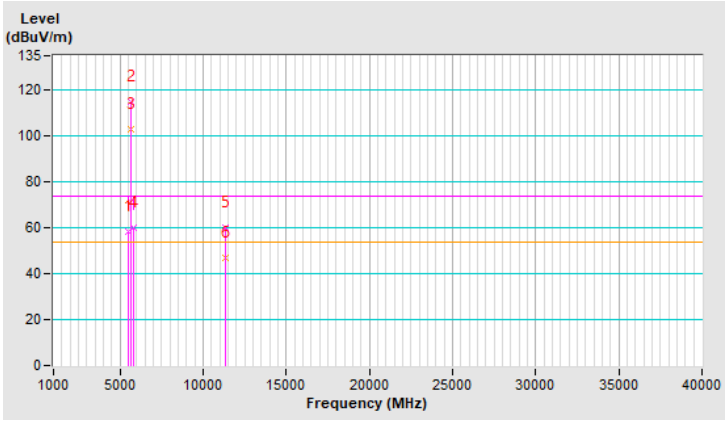


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 1 月 4 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.1 PK	68.2	-10.1	1.55 V	356	51.8	6.3
2	*5690.00	115.0 PK			1.62 V	357	72.7	42.3
3	*5690.00	102.9 AV			1.62 V	357	60.6	42.3
4	#5850.00	60.0 PK	68.2	-8.2	1.57 V	359	53.2	6.8
5	11380.00	60.0 PK	74.0	-14.0	1.22 V	345	42.2	17.8
6	11380.00	47.0 AV	54.0	-7.0	1.22 V	345	29.2	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

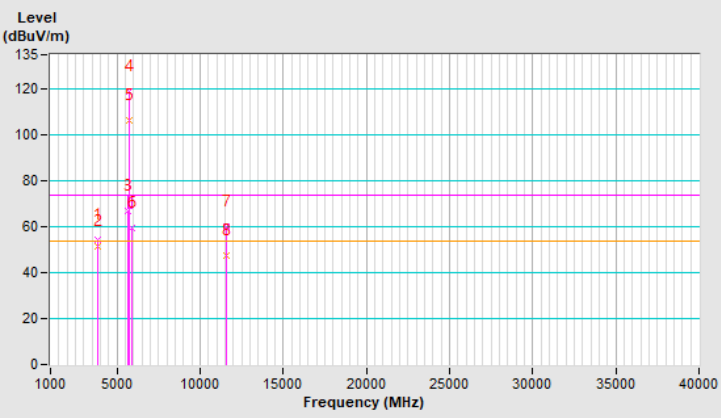


操作模式：	發射 802.11ax (HE80)	調變技術：	OFDMA
基本波頻率：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測試日期：	109 年 12 月 26 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3850.00	54.2 PK	74.0	-19.8	2.40 H	26	50.8	3.4
2	3850.00	51.4 AV	54.0	-2.6	2.40 H	26	48.0	3.4
3	**#5650.00**	**66.9 PK**	**68.2**	**-1.3**	**1.29 H**	**358**	**60.6**	**6.3**
4	*5775.00	118.7 PK			1.34 H	355	76.5	42.2
5	*5775.00	106.4 AV			1.34 H	355	64.2	42.2
6	#5925.00	59.5 PK	68.2	-8.7	1.31 H	356	52.2	7.3
7	11550.00	60.1 PK	74.0	-13.9	2.22 H	176	42.0	18.1
8	11550.00	47.5 AV	54.0	-6.5	2.22 H	176	29.4	18.1
9	#17325.00	-	-	-	-	-	-	-
10	23100.00	-	-	-	-	-	-	-
11	#28875.00	-	-	-	-	-	-	-
12	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

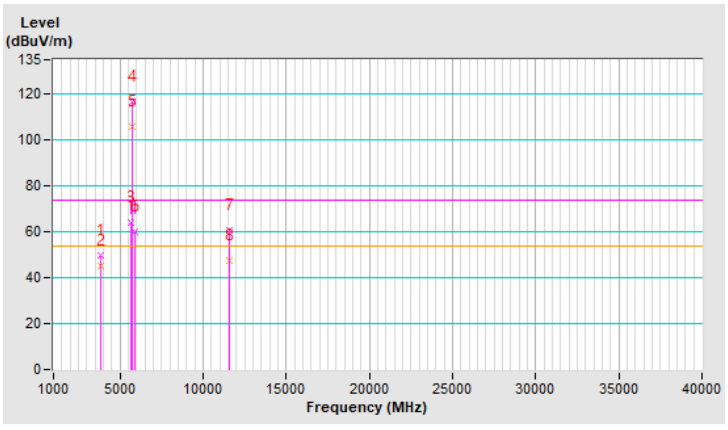


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3850.00	50.0 PK	74.0	-24.0	1.31 V	287	46.6	3.4
2	3850.00	45.2 AV	54.0	-8.8	1.31 V	287	41.8	3.4
3	#5650.00	64.1 PK	68.2	-4.1	1.51 V	346	57.8	6.3
4	*5775.00	116.9 PK			1.55 V	353	74.7	42.2
5	*5775.00	105.6 AV			1.55 V	353	63.4	42.2
6	#5925.00	59.9 PK	68.2	-8.3	1.49 V	355	52.6	7.3
7	11550.00	60.5 PK	74.0	-13.5	1.63 V	236	42.4	18.1
8	11550.00	47.6 AV	54.0	-6.4	1.63 V	236	29.5	18.1
9	#17325.00	-	-	-	-	-	-	-
10	23100.00	-	-	-	-	-	-	-
11	#28875.00	-	-	-	-	-	-	-
12	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

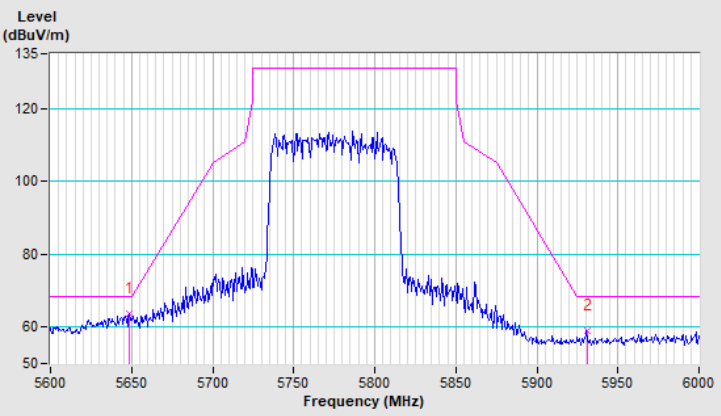


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.72	63.6 PK	68.2	-4.6	1.34 H	355	57.3	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5930.77	59.1 PK	68.2	-9.1	1.34 H	355	51.8	7.3
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

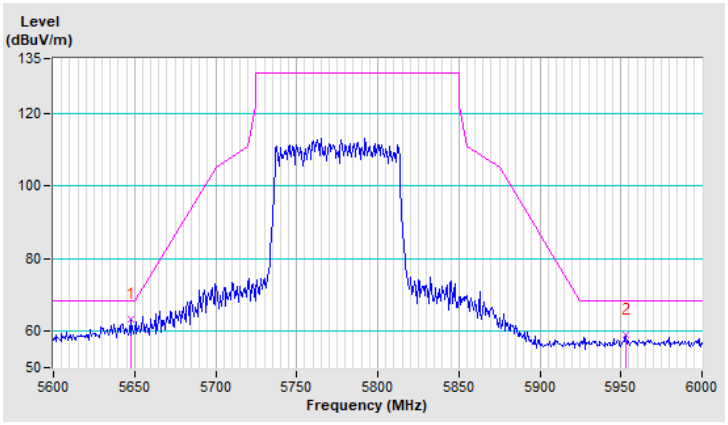


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.44	63.4 PK	68.2	-4.8	1.55 V	353	57.1	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5953.21	59.0 PK	68.2	-9.2	1.55 V	353	51.7	7.3
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



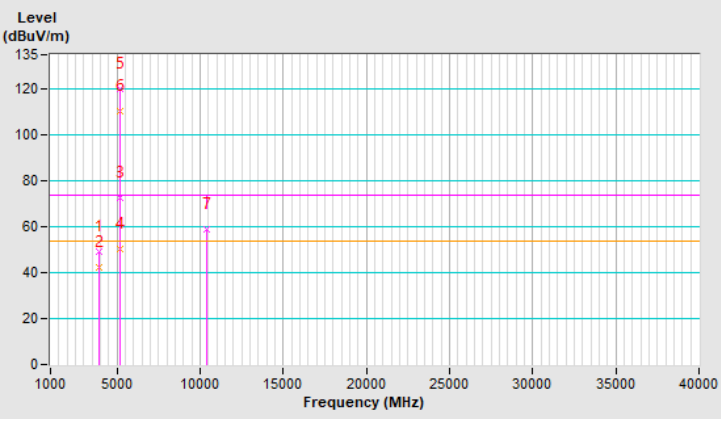
5G traffic radio (Radio 2)

操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3885.00	49.3 PK	74.0	-24.7	1.59 H	58	45.7	3.6
2	3885.00	42.3 AV	54.0	-11.7	1.59 H	58	38.7	3.6
3	5150.00	72.4 PK	74.0	-1.6	1.75 H	345	65.8	6.6
4	5150.00	50.6 AV	54.0	-3.4	1.75 H	345	44.0	6.6
5	*5180.00	120.2 PK			1.88 H	344	78.0	42.2
6	*5180.00	110.2 AV			1.88 H	344	68.0	42.2
7	#10360.00	58.9 PK	68.2	-9.3	2.22 H	169	42.2	16.7
8	15540.00	-	-	-	-	-	-	-
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

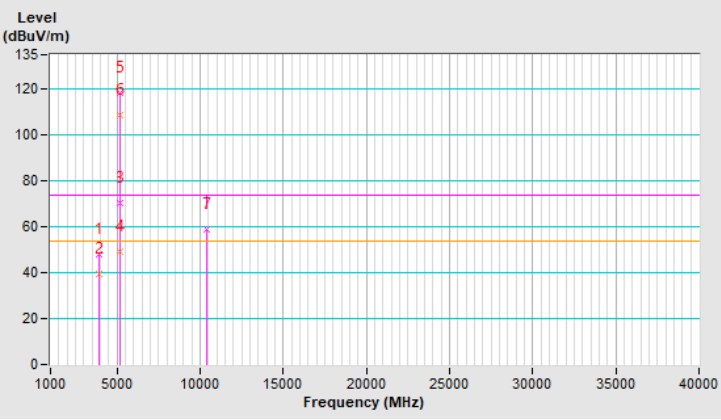


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3885.00	48.2 PK	74.0	-25.8	2.89 V	326	44.6	3.6
2	3885.00	39.6 AV	54.0	-14.4	2.89 V	326	36.0	3.6
3	5150.00	70.3 PK	74.0	-3.7	1.70 V	350	63.7	6.6
4	5150.00	49.2 AV	54.0	-4.8	1.70 V	350	42.6	6.6
5	*5180.00	118.4 PK			1.65 V	350	76.2	42.2
6	*5180.00	108.6 AV			1.65 V	350	66.4	42.2
7	#10360.00	58.9 PK	68.2	-9.3	1.99 V	201	42.2	16.7
8	15540.00	-	-	-	-	-	-	-
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

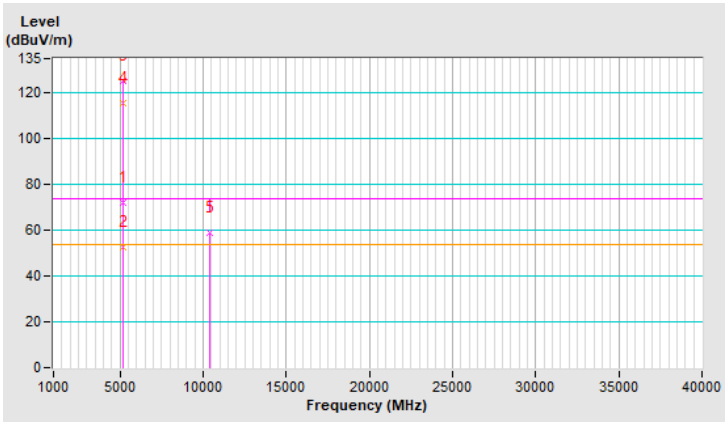


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.1 PK	74.0	-1.9	1.90 H	346	65.5	6.6
2	5150.00	52.8 AV	54.0	-1.2	1.90 H	346	46.2	6.6
3	*5200.00	125.3 PK			1.70 H	344	83.2	42.1
4	*5200.00	115.7 AV			1.70 H	344	73.6	42.1
5	#10400.00	58.7 PK	68.2	-9.5	1.86 H	211	41.8	16.9
6	15600.00	-	-	-	-	-	-	-
7	20800.00	-	-	-	-	-	-	-
8	#26000.00	-	-	-	-	-	-	-
9	31200.00	-	-	-	-	-	-	-
10	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

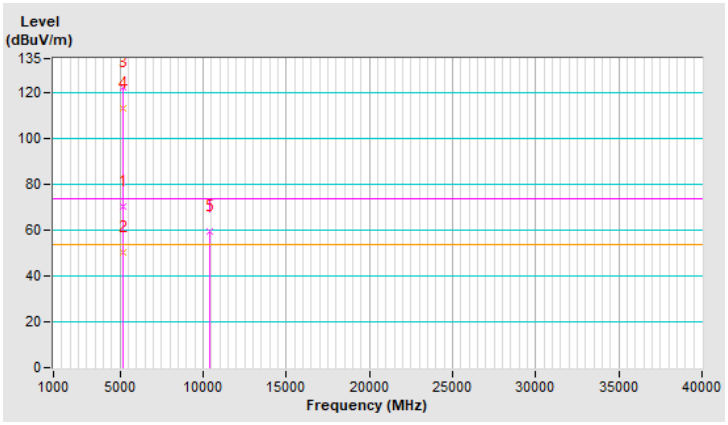


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.3 PK	74.0	-3.7	1.69 V	350	63.7	6.6
2	5150.00	50.6 AV	54.0	-3.4	1.69 V	350	44.0	6.6
3	*5200.00	122.6 PK			1.60 V	348	80.5	42.1
4	*5200.00	113.3 AV			1.60 V	348	71.2	42.1
5	#10400.00	59.4 PK	68.2	-8.8	2.89 V	241	42.5	16.9
6	15600.00	-	-	-	-	-	-	-
7	20800.00	-	-	-	-	-	-	-
8	#26000.00	-	-	-	-	-	-	-
9	31200.00	-	-	-	-	-	-	-
10	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

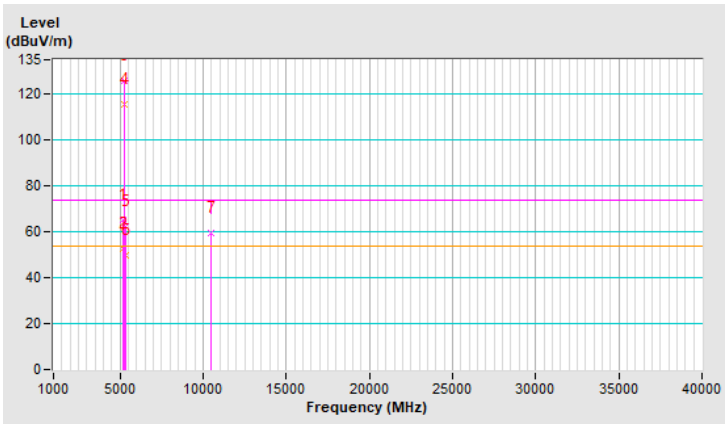


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.2 PK	74.0	-8.8	1.88 H	344	58.6	6.6
2	5150.00	52.9 AV	54.0	-1.1	1.88 H	344	46.3	6.6
3	*5240.00	125.6 PK			1.69 H	344	83.6	42.0
4	*5240.00	115.5 AV			1.69 H	344	73.5	42.0
5	5350.00	62.6 PK	74.0	-11.4	1.81 H	343	56.2	6.4
6	5350.00	49.6 AV	54.0	-4.4	1.81 H	343	43.2	6.4
7	#10480.00	59.7 PK	68.2	-8.5	2.22 H	193	42.0	17.7
8	15720.00	-	-	-	-	-	-	-
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

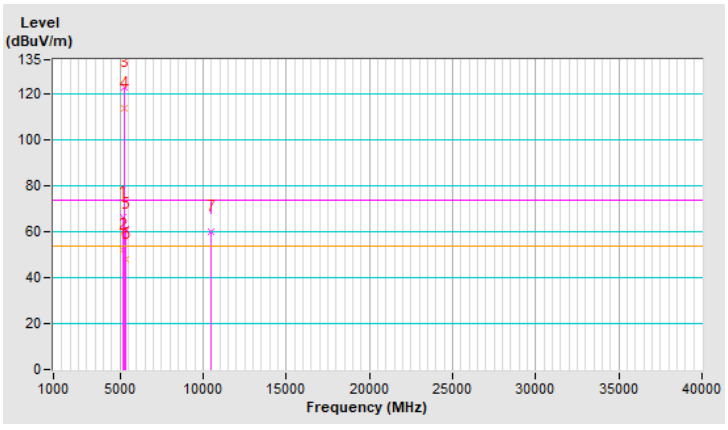


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.3 PK	74.0	-7.7	1.72 V	348	59.7	6.6
2	5150.00	52.0 AV	54.0	-2.0	1.72 V	348	45.4	6.6
3	*5240.00	123.1 PK			1.83 V	348	81.1	42.0
4	*5240.00	113.6 AV			1.83 V	348	71.6	42.0
5	5350.00	61.0 PK	74.0	-13.0	1.77 V	351	54.6	6.4
6	5350.00	48.2 AV	54.0	-5.8	1.77 V	351	41.8	6.4
7	#10480.00	60.1 PK	68.2	-8.1	2.61 V	255	42.4	17.7
8	15720.00	-	-	-	-	-	-	-
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

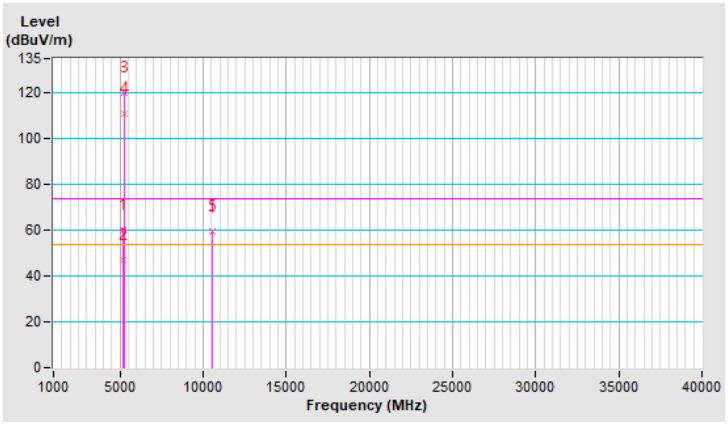


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.8 PK	74.0	-14.2	1.62 H	348	53.2	6.6
2	5150.00	46.7 AV	54.0	-7.3	1.62 H	348	40.1	6.6
3	*5260.00	120.2 PK			1.60 H	346	78.3	41.9
4	*5260.00	111.1 AV			1.60 H	346	69.2	41.9
5	#10520.00	59.4 PK	68.2	-8.8	1.77 H	326	41.8	17.6
6	15780.00	-	-	-	-	-	-	-
7	21040.00	-	-	-	-	-	-	-
8	#26300.00	-	-	-	-	-	-	-
9	31560.00	-	-	-	-	-	-	-
10	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

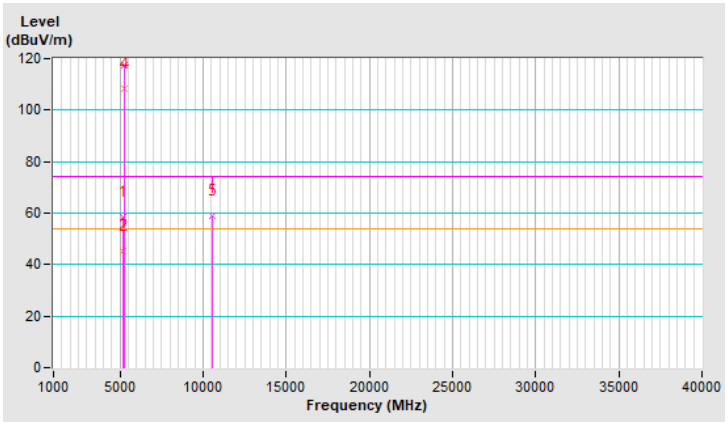


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	1.69 V	349	51.8	6.6
2	5150.00	45.4 AV	54.0	-8.6	1.69 V	349	38.8	6.6
3	*5260.00	117.7 PK			1.73 V	351	75.8	41.9
4	*5260.00	108.5 AV			1.73 V	351	66.6	41.9
5	#10520.00	59.1 PK	68.2	-9.1	1.44 V	338	41.5	17.6
6	15780.00	-	-	-	-	-	-	-
7	21040.00	-	-	-	-	-	-	-
8	#26300.00	-	-	-	-	-	-	-
9	31560.00	-	-	-	-	-	-	-
10	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

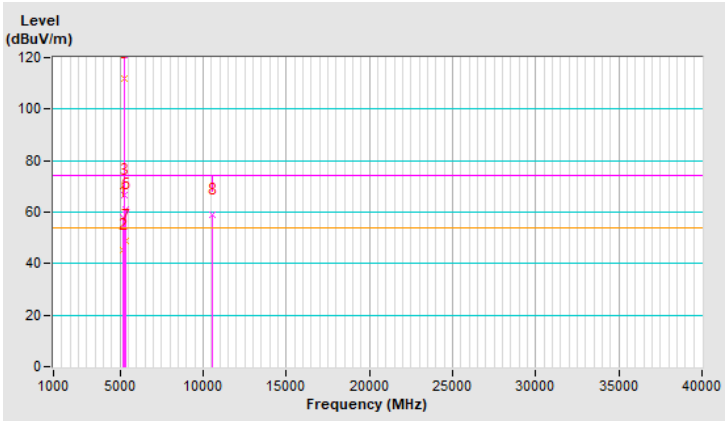


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.2 PK	74.0	-15.8	1.84 H	344	51.6	6.6
2	5150.00	45.2 AV	54.0	-8.8	1.84 H	344	38.6	6.6
3	5250.00	66.8 PK	68.2	-1.4	1.86 H	347	60.7	6.1
4	*5280.00	121.0 PK			1.85 H	345	79.1	41.9
5	*5280.00	112.0 AV			1.85 H	345	70.1	41.9
6	5350.00	61.1 PK	74.0	-12.9	1.88 H	342	54.7	6.4
7	5350.00	48.7 AV	54.0	-5.3	1.88 H	342	42.3	6.4
8	#10560.00	59.2 PK	68.2	-9.0	1.73 H	325	41.7	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

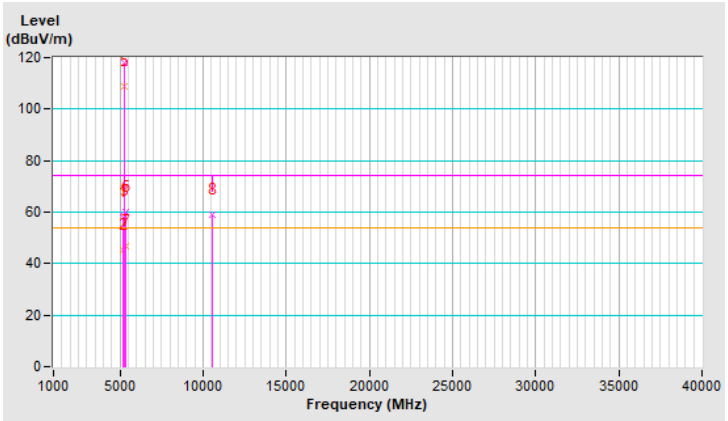


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.1 PK	74.0	-15.9	1.65 V	358	51.5	6.6
2	5150.00	45.1 AV	54.0	-8.9	1.65 V	358	38.5	6.6
3	5250.00	58.3 PK	68.2	-9.9	1.70 V	357	52.2	6.1
4	*5280.00	118.2 PK			1.80 V	351	76.3	41.9
5	*5280.00	109.0 AV			1.80 V	351	67.1	41.9
6	5350.00	59.9 PK	74.0	-14.1	1.62 V	355	53.5	6.4
7	5350.00	46.9 AV	54.0	-7.1	1.62 V	355	40.5	6.4
8	#10560.00	59.1 PK	68.2	-9.1	1.51 V	342	41.6	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

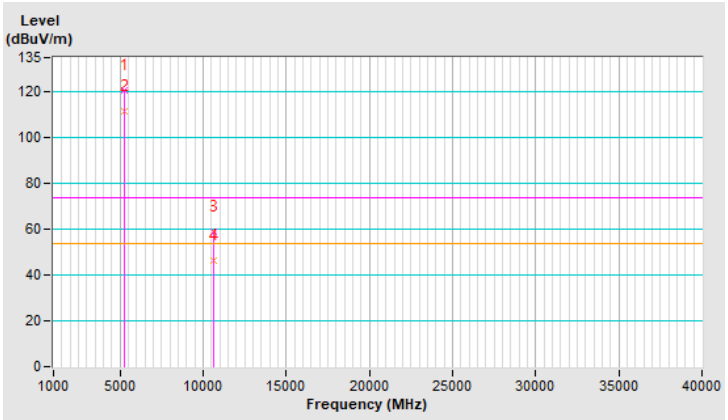


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	120.7 PK			1.75 H	346	78.8	41.9
2	*5300.00	111.8 AV			1.75 H	346	69.9	41.9
3	10600.00	58.8 PK	74.0	-15.2	1.79 H	319	41.6	17.2
4	10600.00	46.1 AV	54.0	-7.9	1.79 H	319	28.9	17.2
5	15900.00	-	-	-	-	-	-	-
6	21200.00	-	-	-	-	-	-	-
7	#26500.00	-	-	-	-	-	-	-
8	31800.00	-	-	-	-	-	-	-
9	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

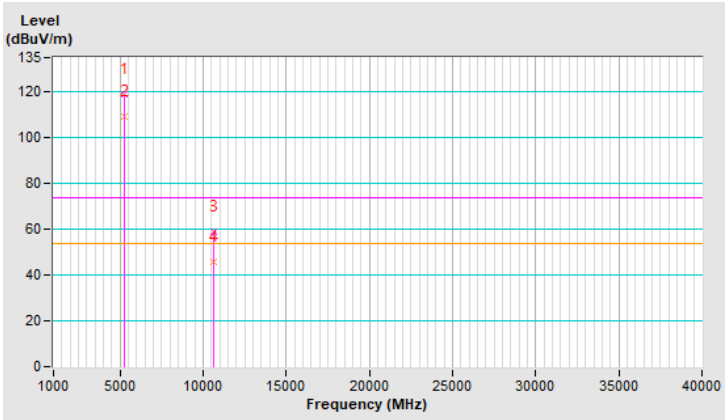


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	118.9 PK			1.70 V	350	77.0	41.9
2	*5300.00	109.4 AV			1.70 V	350	67.5	41.9
3	10600.00	58.9 PK	74.0	-15.1	1.52 V	338	41.7	17.2
4	10600.00	45.8 AV	54.0	-8.2	1.52 V	338	28.6	17.2
5	15900.00	-	-	-	-	-	-	-
6	21200.00	-	-	-	-	-	-	-
7	#26500.00	-	-	-	-	-	-	-
8	31800.00	-	-	-	-	-	-	-
9	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

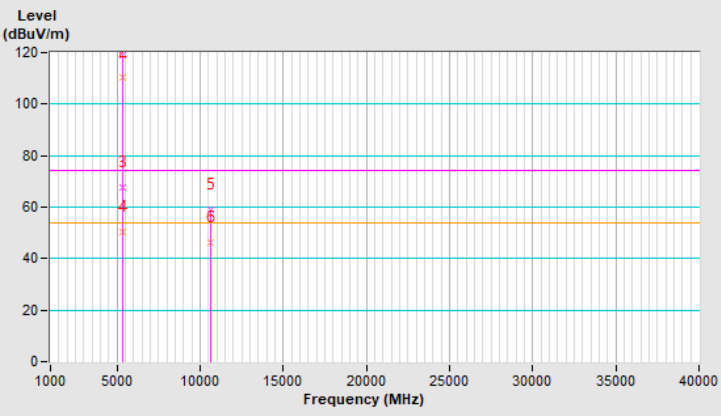


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.2 PK			1.82 H	346	77.2	42.0
2	*5320.00	110.2 AV			1.82 H	346	68.2	42.0
3	5350.00	67.4 PK	74.0	-6.6	1.71 H	345	61.0	6.4
4	5350.00	50.3 AV	54.0	-3.7	1.71 H	345	43.9	6.4
5	10640.00	59.0 PK	74.0	-15.0	1.69 H	318	41.6	17.4
6	10640.00	46.1 AV	54.0	-7.9	1.69 H	318	28.7	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

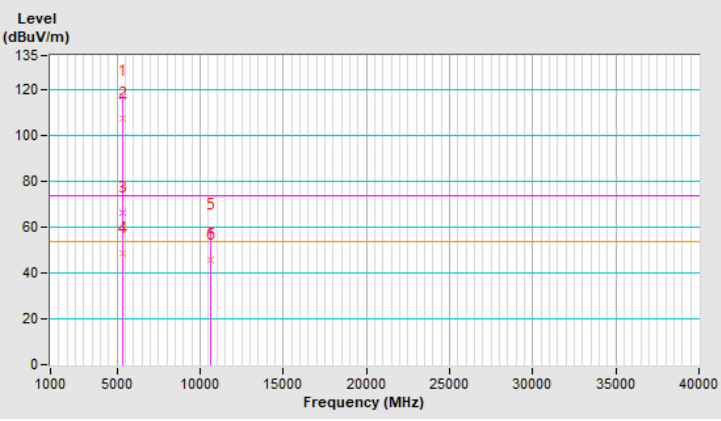


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	117.1 PK			1.64 V	352	75.1	42.0
2	*5320.00	107.8 AV			1.64 V	352	65.8	42.0
3	5350.00	66.3 PK	74.0	-7.7	1.62 V	350	59.9	6.4
4	5350.00	48.9 AV	54.0	-5.1	1.62 V	350	42.5	6.4
5	10640.00	59.0 PK	74.0	-15.0	1.43 V	334	41.6	17.4
6	10640.00	45.9 AV	54.0	-8.1	1.43 V	334	28.5	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

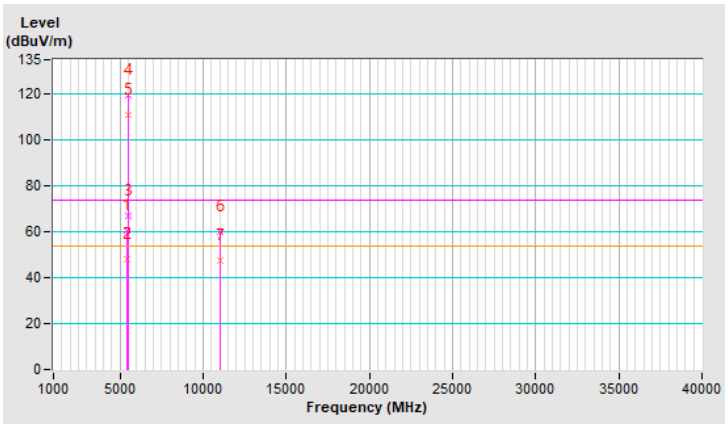


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.7 PK	74.0	-13.3	1.64 H	342	54.4	6.3
2	5460.00	48.1 AV	54.0	-5.9	1.64 H	342	41.8	6.3
3	#5470.00	67.1 PK	68.2	-1.1	1.55 H	345	60.8	6.3
4	*5500.00	119.7 PK			1.74 H	341	77.6	42.1
5	*5500.00	110.7 AV			1.74 H	341	68.6	42.1
6	11000.00	60.2 PK	74.0	-13.8	1.42 H	332	41.6	18.6
7	11000.00	47.4 AV	54.0	-6.6	1.42 H	332	28.8	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

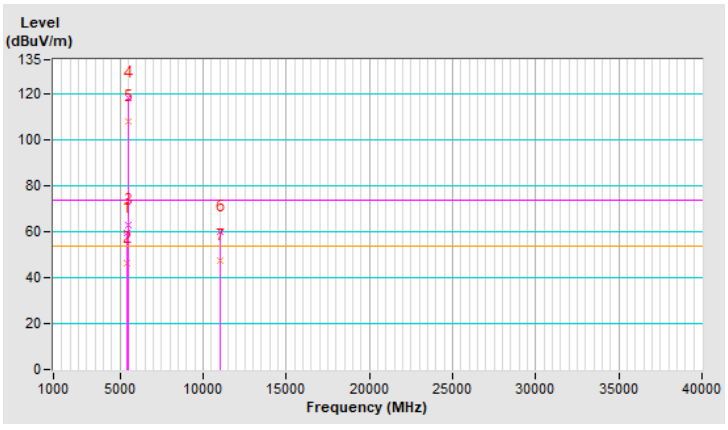


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.3 PK	74.0	-14.7	1.47 V	345	53.0	6.3
2	5460.00	46.2 AV	54.0	-7.8	1.47 V	345	39.9	6.3
3	#5470.00	63.2 PK	68.2	-5.0	1.49 V	347	56.9	6.3
4	*5500.00	118.2 PK			1.51 V	349	76.1	42.1
5	*5500.00	108.2 AV			1.51 V	349	66.1	42.1
6	11000.00	60.3 PK	74.0	-13.7	1.53 V	348	41.7	18.6
7	11000.00	47.4 AV	54.0	-6.6	1.53 V	348	28.8	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

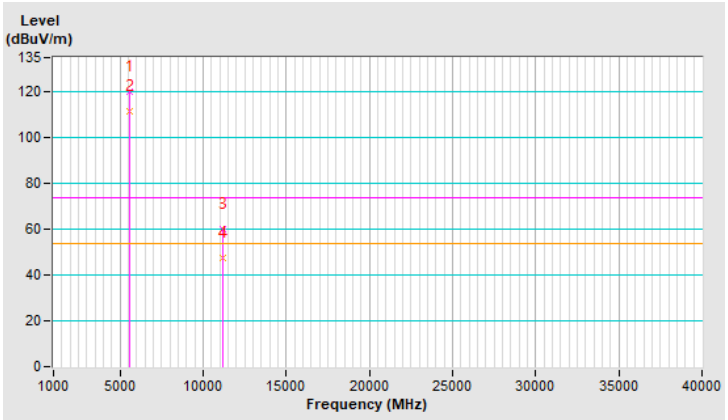


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.2 PK			1.72 H	344	78.1	42.1
2	*5580.00	111.4 AV			1.72 H	344	69.3	42.1
3	11160.00	60.2 PK	74.0	-13.8	1.51 H	332	41.7	18.5
4	11160.00	47.4 AV	54.0	-6.6	1.51 H	332	28.9	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

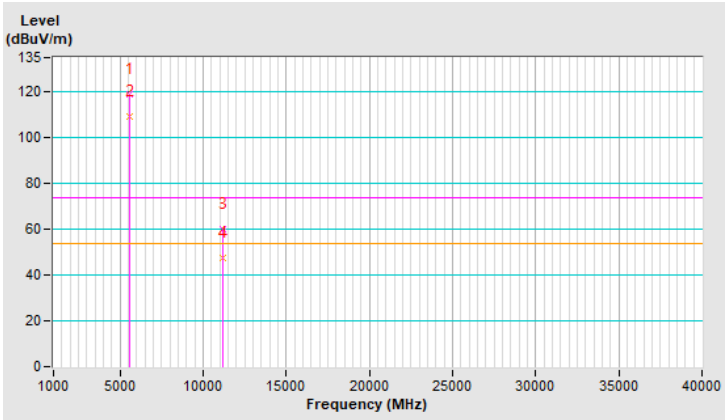


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.7 PK			1.60 V	349	76.6	42.1
2	*5580.00	109.3 AV			1.60 V	349	67.2	42.1
3	11160.00	60.3 PK	74.0	-13.7	1.48 V	351	41.8	18.5
4	11160.00	47.4 AV	54.0	-6.6	1.48 V	351	28.9	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

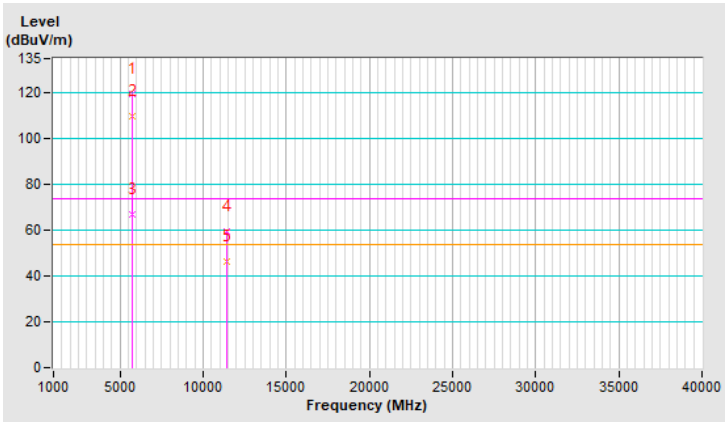


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.4 PK			1.78 H	355	77.1	42.3
2	*5700.00	109.8 AV			1.78 H	355	67.5	42.3
3	#5725.00	66.9 PK	68.2	-1.3	1.72 H	352	60.4	6.5
4	11400.00	59.5 PK	74.0	-14.5	1.52 H	328	41.6	17.9
5	11400.00	46.6 AV	54.0	-7.4	1.52 H	328	28.7	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

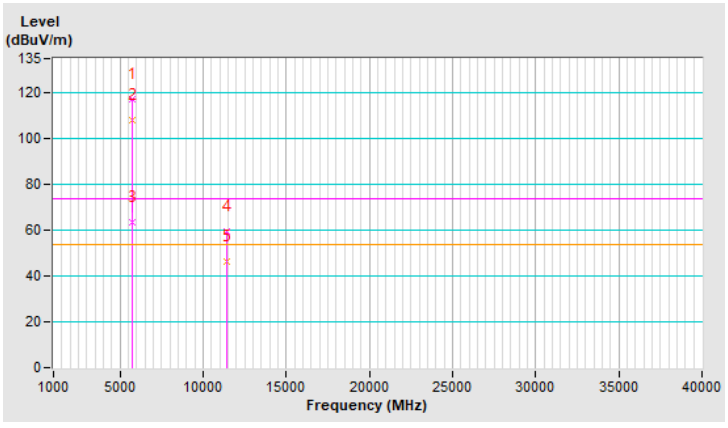


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.4 PK			1.60 V	352	75.1	42.3
2	*5700.00	108.0 AV			1.60 V	352	65.7	42.3
3	#5725.00	63.7 PK	68.2	-4.5	1.55 V	347	57.2	6.5
4	11400.00	59.6 PK	74.0	-14.4	1.42 V	347	41.7	17.9
5	11400.00	46.6 AV	54.0	-7.4	1.42 V	347	28.7	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

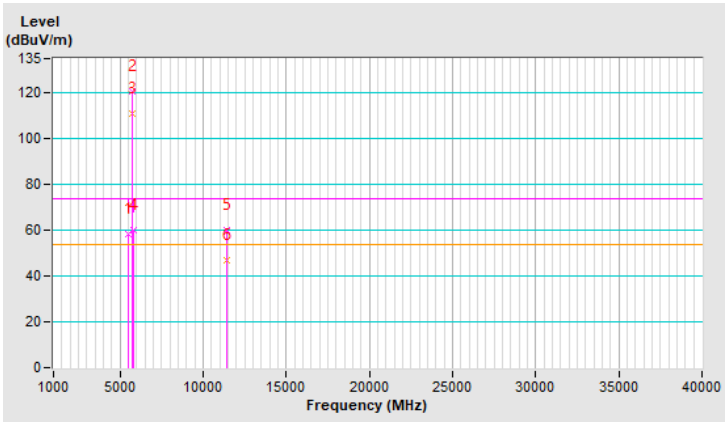


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.4 PK	68.2	-9.8	1.69 H	352	52.1	6.3
2	*5720.00	120.5 PK			1.71 H	354	78.3	42.2
3	*5720.00	111.0 AV			1.71 H	354	68.8	42.2
4	#5850.00	60.3 PK	68.2	-7.9	1.73 H	352	53.5	6.8
5	11440.00	59.8 PK	74.0	-14.2	1.35 H	321	41.8	18.0
6	11440.00	47.0 AV	54.0	-7.0	1.35 H	321	29.0	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

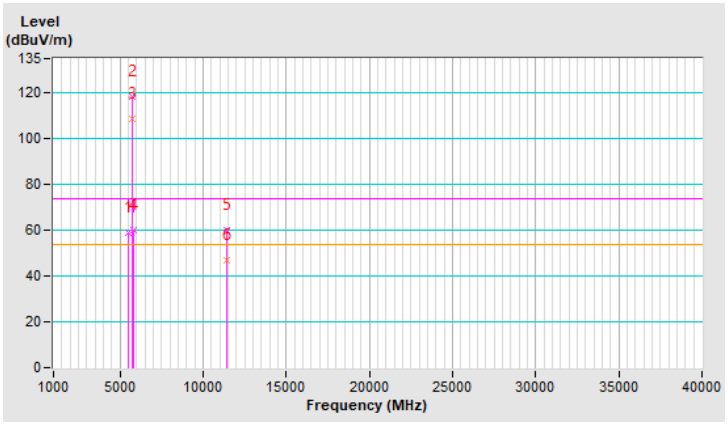


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.8 PK	68.2	-9.4	1.44 V	347	52.5	6.3
2	*5720.00	118.3 PK			1.51 V	351	76.1	42.2
3	*5720.00	108.7 AV			1.51 V	351	66.5	42.2
4	#5850.00	59.9 PK	68.2	-8.3	1.49 V	354	53.1	6.8
5	11440.00	59.8 PK	74.0	-14.2	1.43 V	347	41.8	18.0
6	11440.00	46.9 AV	54.0	-7.1	1.43 V	347	28.9	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

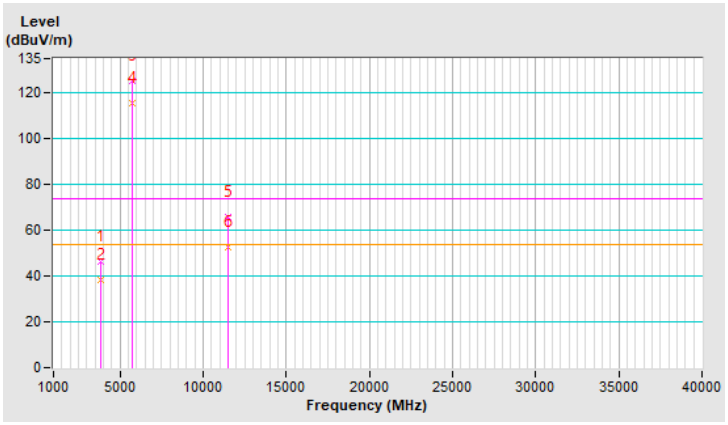


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	46.2 PK	74.0	-27.8	2.00 H	37	42.8	3.4
2	3830.00	38.2 AV	54.0	-15.8	2.00 H	37	34.8	3.4
3	*5745.00	125.2 PK			1.67 H	356	83.0	42.2
4	*5745.00	115.5 AV			1.67 H	356	73.3	42.2
5	11490.00	65.5 PK	74.0	-8.5	2.54 H	348	47.2	18.3
6	11490.00	52.4 AV	54.0	-1.6	2.54 H	348	34.1	18.3
7	#17235.00	-	-	-	-	-	-	-
8	22980.00	-	-	-	-	-	-	-
9	#28725.00	-	-	-	-	-	-	-
10	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

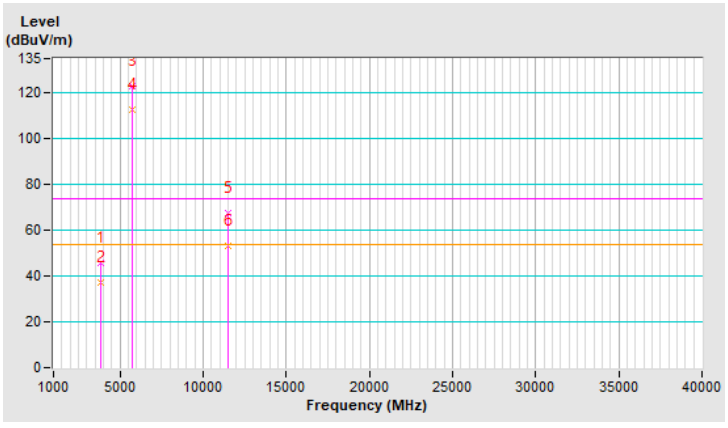


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	45.5 PK	74.0	-28.5	2.82 V	354	42.1	3.4
2	3830.00	37.4 AV	54.0	-16.6	2.82 V	354	34.0	3.4
3	*5745.00	122.8 PK			1.56 V	353	80.6	42.2
4	*5745.00	112.6 AV			1.56 V	353	70.4	42.2
5	11490.00	67.5 PK	74.0	-6.5	1.52 V	343	49.2	18.3
6	11490.00	53.0 AV	54.0	-1.0	1.52 V	343	34.7	18.3
7	#17235.00	-	-	-	-	-	-	-
8	22980.00	-	-	-	-	-	-	-
9	#28725.00	-	-	-	-	-	-	-
10	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

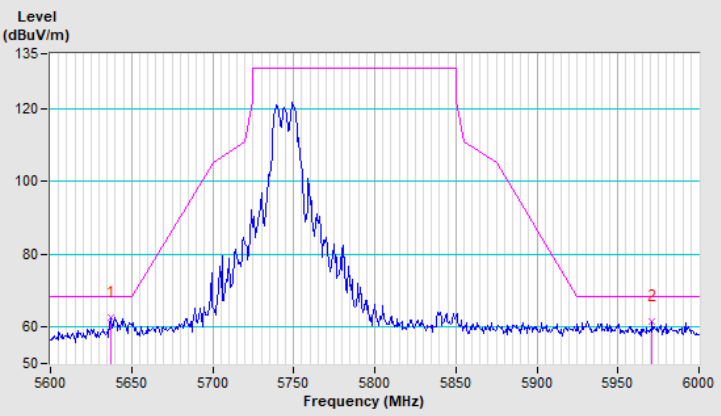


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.18	62.6 PK	68.2	-5.6	1.67 H	356	56.3	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5971.15	61.7 PK	68.2	-6.5	1.67 H	356	54.5	7.2
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

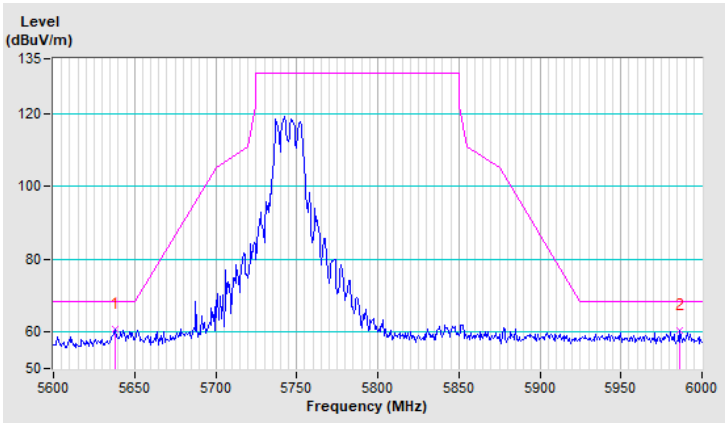


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.82	60.7 PK	68.2	-7.5	1.56 V	353	54.4	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5985.90	60.4 PK	68.2	-7.8	1.56 V	353	53.2	7.2
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

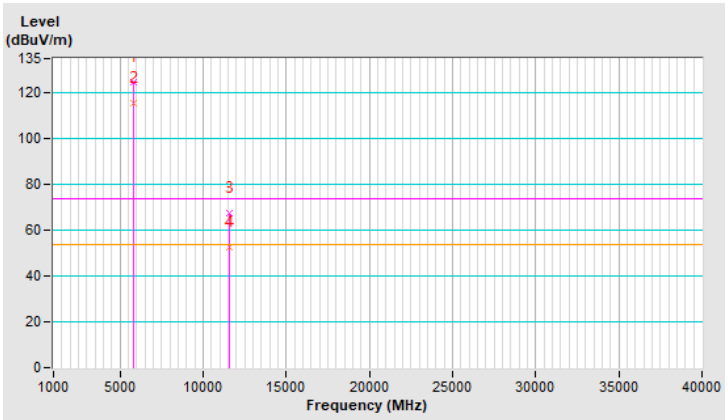


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	124.8 PK			1.68 H	349	82.6	42.2
2	*5785.00	115.4 AV			1.68 H	349	73.2	42.2
3	11570.00	67.5 PK	74.0	-6.5	1.68 H	2	49.5	18.0
4	11570.00	52.8 AV	54.0	-1.2	1.68 H	2	34.8	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

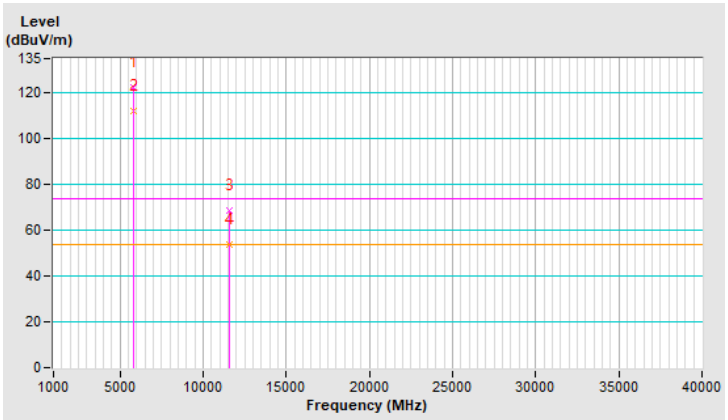


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	122.2 PK			1.48 V	354	80.0	42.2
2	*5785.00	112.1 AV			1.48 V	354	69.9	42.2
3	11570.00	68.4 PK	74.0	-5.6	1.51 V	344	50.4	18.0
4	11570.00	53.5 AV	54.0	-0.5	1.51 V	344	35.5	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

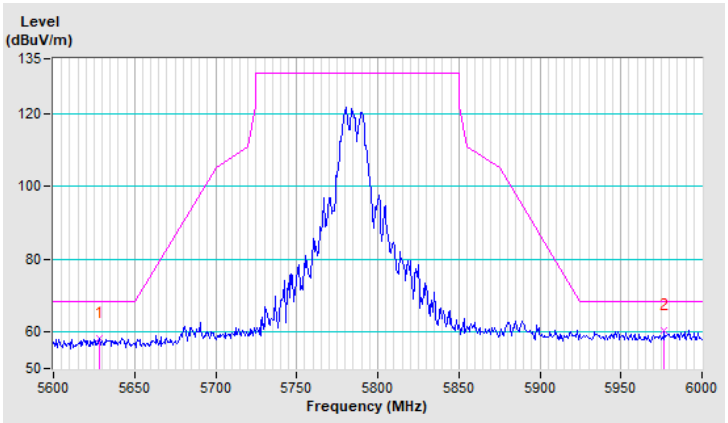


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.21	58.3 PK	68.2	-9.9	1.68 H	349	52.1	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5976.92	60.3 PK	68.2	-7.9	1.68 H	349	53.1	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

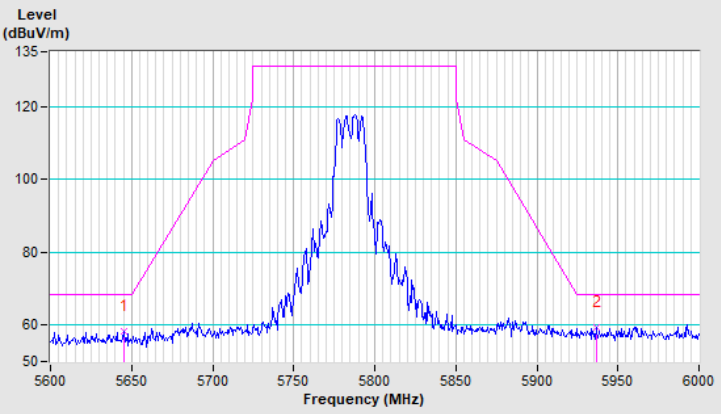


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.51	58.2 PK	68.2	-10.0	1.48 V	354	51.9	6.3
2	*5785.00	-	-	-	-	-	-	-
3	#5936.54	59.5 PK	68.2	-8.7	1.48 V	354	52.2	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

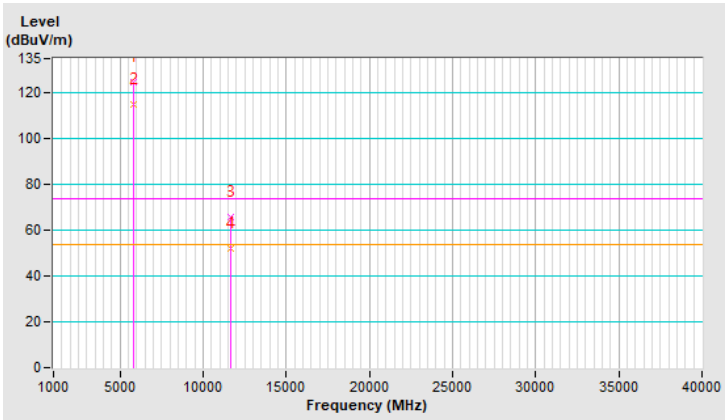


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	124.8 PK			1.66 H	348	82.5	42.3
2	*5825.00	115.0 AV			1.66 H	348	72.7	42.3
3	11650.00	65.8 PK	74.0	-8.2	1.67 H	5	47.8	18.0
4	11650.00	52.3 AV	54.0	-1.7	1.67 H	5	34.3	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

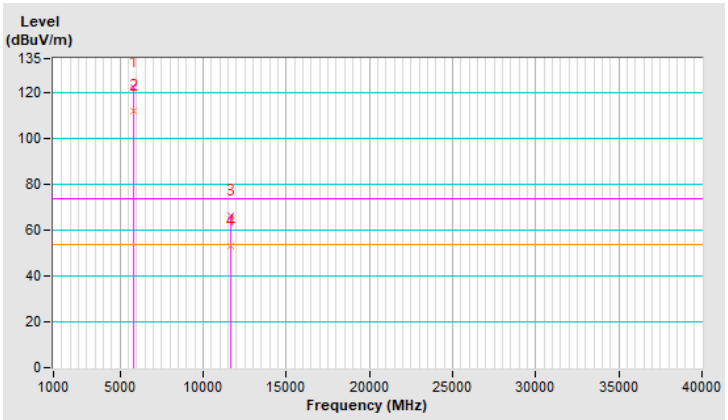


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	122.6 PK			1.58 V	354	80.3	42.3
2	*5825.00	112.4 AV			1.58 V	354	70.1	42.3
3	11650.00	66.2 PK	74.0	-7.8	1.46 V	323	48.2	18.0
4	11650.00	53.0 AV	54.0	-1.0	1.46 V	323	35.0	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

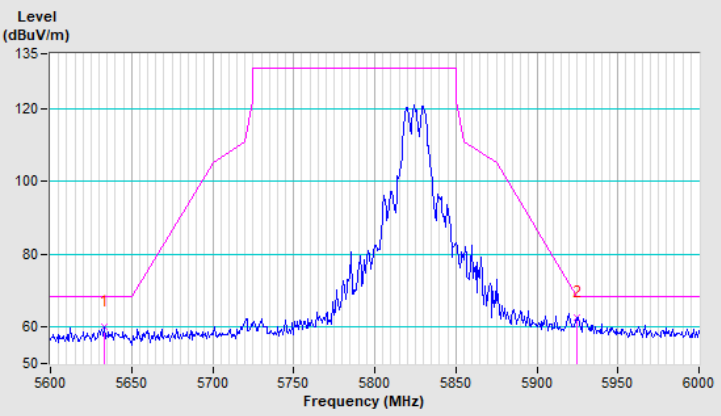


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.33	60.2 PK	68.2	-8.0	1.66 H	348	53.9	6.3
2	*5825.00	-	-	-	-	-	-	-
3	#5925.00	62.5 PK	68.2	-5.7	1.66 H	348	55.2	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

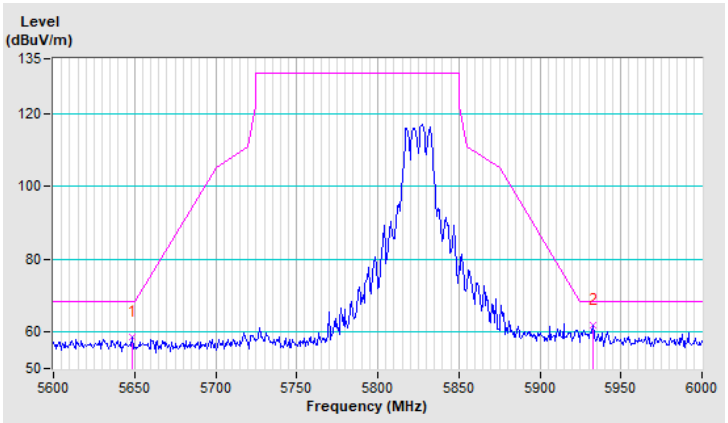


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.72	58.6 PK	68.2	-9.6	1.58 V	354	52.3	6.3
2	*5825.00	-	-	-	-	-	-	-
3	#5932.69	61.8 PK	68.2	-6.4	1.58 V	354	54.5	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

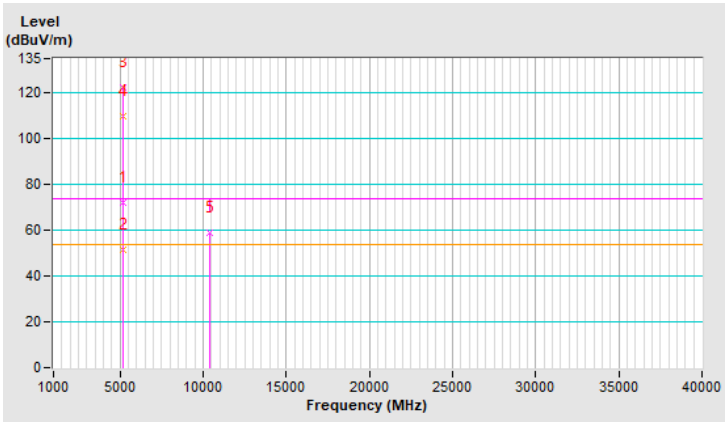


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.3 PK	74.0	-1.7	1.89 H	348	65.7	6.6
2	5150.00	51.7 AV	54.0	-2.3	1.89 H	348	45.1	6.6
3	*5180.00	122.4 PK			1.88 H	343	80.2	42.2
4	*5180.00	109.6 AV			1.88 H	343	67.4	42.2
5	#10360.00	58.9 PK	68.2	-9.3	1.85 H	196	42.2	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

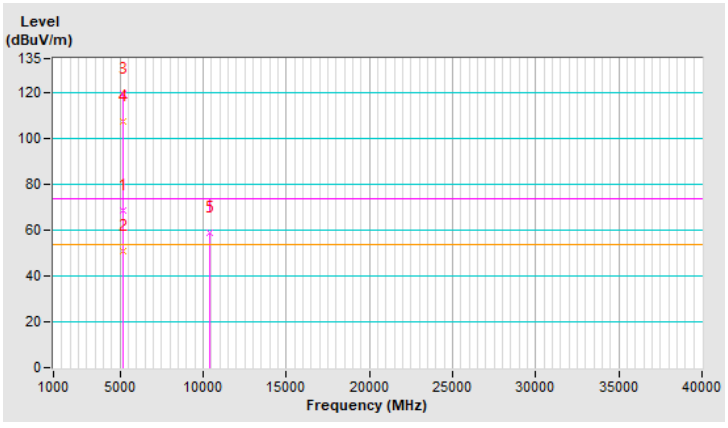


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.6 PK	74.0	-5.4	1.70 V	349	62.0	6.6
2	5150.00	51.1 AV	54.0	-2.9	1.70 V	349	44.5	6.6
3	*5180.00	119.5 PK			1.66 V	351	77.3	42.2
4	*5180.00	107.3 AV			1.66 V	351	65.1	42.2
5	#10360.00	59.2 PK	68.2	-9.0	2.63 V	222	42.5	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

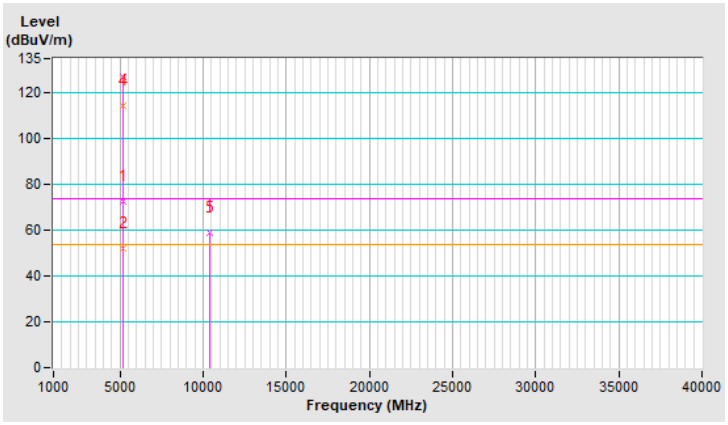


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.4 PK	74.0	-1.6	1.86 H	346	65.8	6.6
2	5150.00	51.9 AV	54.0	-2.1	1.86 H	346	45.3	6.6
3	*5200.00	127.1 PK			1.77 H	344	85.0	42.1
4	*5200.00	114.4 AV			1.77 H	344	72.3	42.1
5	#10400.00	59.2 PK	68.2	-9.0	1.99 H	203	42.3	16.9
6	15600.00	-	-	-	-	-	-	-
7	20800.00	-	-	-	-	-	-	-
8	#26000.00	-	-	-	-	-	-	-
9	31200.00	-	-	-	-	-	-	-
10	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

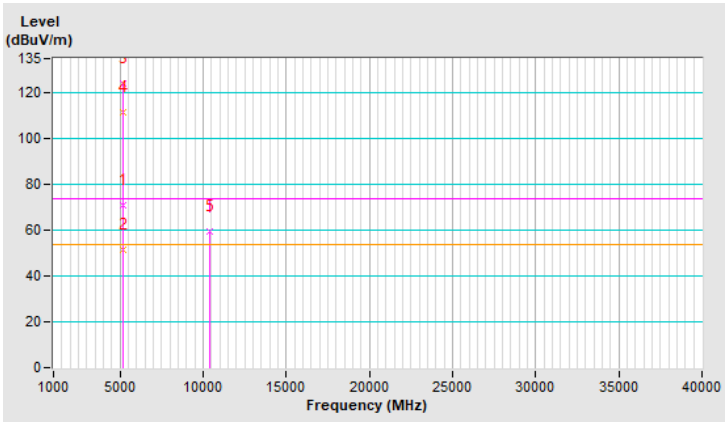


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	71.2 PK	74.0	-2.8	1.72 V	350	64.6	6.6
2	5150.00	51.6 AV	54.0	-2.4	1.72 V	350	45.0	6.6
3	*5200.00	124.3 PK			1.76 V	348	82.2	42.1
4	*5200.00	111.6 AV			1.76 V	348	69.5	42.1
5	#10400.00	59.4 PK	68.2	-8.8	2.36 V	199	42.5	16.9
6	15600.00	-	-	-	-	-	-	-
7	20800.00	-	-	-	-	-	-	-
8	#26000.00	-	-	-	-	-	-	-
9	31200.00	-	-	-	-	-	-	-
10	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

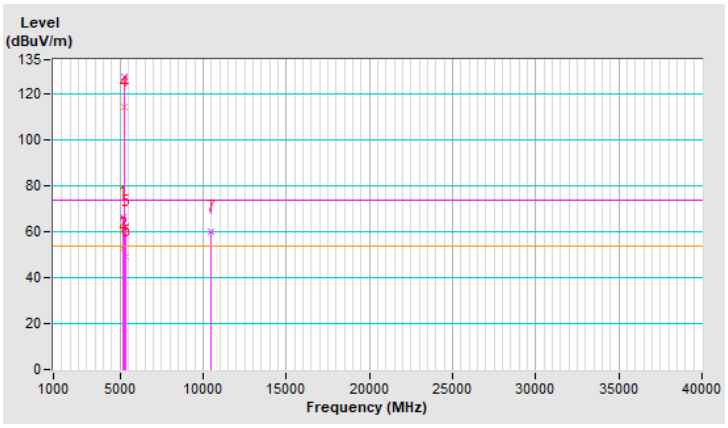


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.1 PK	74.0	-7.9	1.88 H	346	59.5	6.6
2	5150.00	52.6 AV	54.0	-1.4	1.88 H	346	46.0	6.6
3	*5240.00	127.4 PK			1.75 H	342	85.4	42.0
4	*5240.00	114.3 AV			1.75 H	342	72.3	42.0
5	5350.00	62.4 PK	74.0	-11.6	1.70 H	342	56.0	6.4
6	5350.00	49.2 AV	54.0	-4.8	1.70 H	342	42.8	6.4
7	#10480.00	60.1 PK	68.2	-8.1	2.21 H	195	42.4	17.7
8	15720.00	-	-	-	-	-	-	-
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

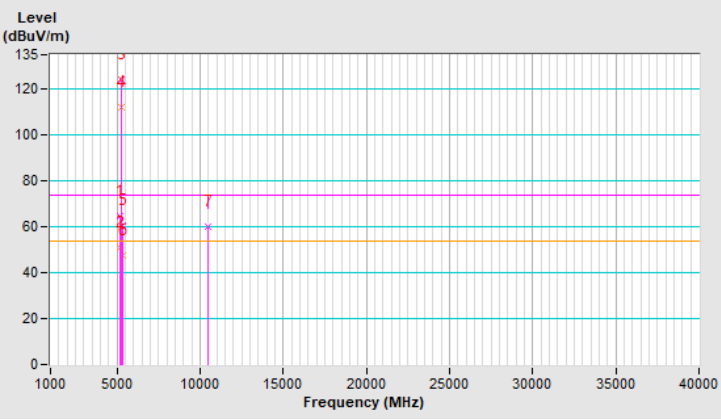


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.8 PK	74.0	-9.2	1.71 V	351	58.2	6.6
2	5150.00	51.1 AV	54.0	-2.9	1.71 V	351	44.5	6.6
3	*5240.00	124.4 PK			1.66 V	347	82.4	42.0
4	*5240.00	112.1 AV			1.66 V	347	70.1	42.0
5	5350.00	60.6 PK	74.0	-13.4	1.76 V	343	54.2	6.4
6	5350.00	47.7 AV	54.0	-6.3	1.76 V	343	41.3	6.4
7	#10480.00	60.1 PK	68.2	-8.1	1.64 V	188	42.4	17.7
8	15720.00	-	-	-	-	-	-	-
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

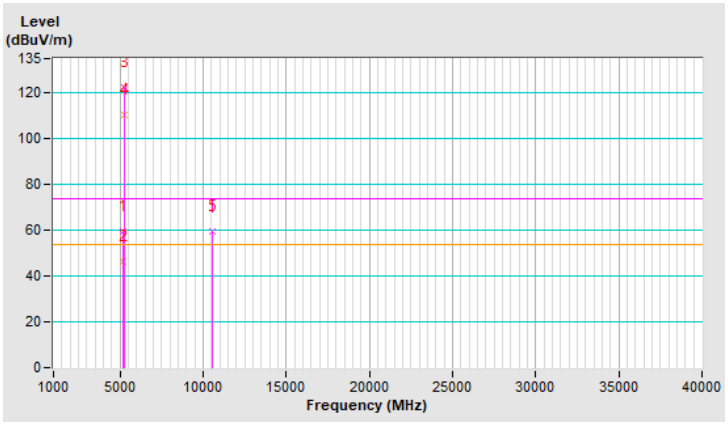


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.7 PK	74.0	-14.3	1.70 H	342	53.1	6.6
2	5150.00	46.4 AV	54.0	-7.6	1.70 H	342	39.8	6.6
3	*5260.00	122.4 PK			1.68 H	345	80.5	41.9
4	*5260.00	110.2 AV			1.68 H	345	68.3	41.9
5	#10520.00	59.3 PK	68.2	-8.9	1.65 H	321	41.7	17.6
6	15780.00	-	-	-	-	-	-	-
7	21040.00	-	-	-	-	-	-	-
8	#26300.00	-	-	-	-	-	-	-
9	31560.00	-	-	-	-	-	-	-
10	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

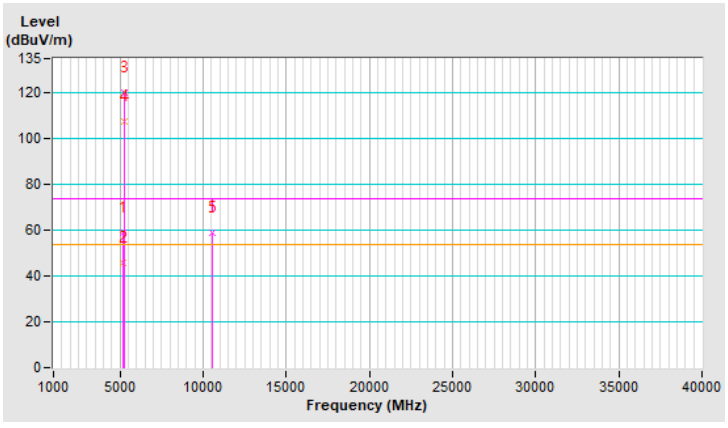


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.8 PK	74.0	-15.2	1.66 V	352	52.2	6.6
2	5150.00	46.0 AV	54.0	-8.0	1.66 V	352	39.4	6.6
3	*5260.00	119.9 PK			1.64 V	351	78.0	41.9
4	*5260.00	107.6 AV			1.64 V	351	65.7	41.9
5	#10520.00	59.2 PK	68.2	-9.0	1.48 V	328	41.6	17.6
6	15780.00	-	-	-	-	-	-	-
7	21040.00	-	-	-	-	-	-	-
8	#26300.00	-	-	-	-	-	-	-
9	31560.00	-	-	-	-	-	-	-
10	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

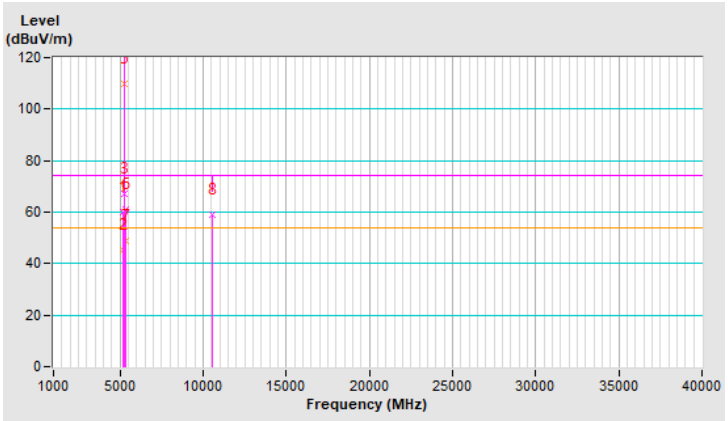


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.1 PK	74.0	-13.9	1.83 H	346	53.5	6.6
2	5150.00	45.1 AV	54.0	-8.9	1.83 H	346	38.5	6.6
3	5250.00	67.1 PK	68.2	-1.1	1.88 H	344	61.0	6.1
4	*5280.00	121.9 PK			1.86 H	346	80.0	41.9
5	*5280.00	110.0 AV			1.86 H	346	68.1	41.9
6	5350.00	60.9 PK	74.0	-13.1	1.90 H	344	54.5	6.4
7	5350.00	48.9 AV	54.0	-5.1	1.90 H	344	42.5	6.4
8	#10560.00	59.1 PK	68.2	-9.1	1.69 H	325	41.6	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

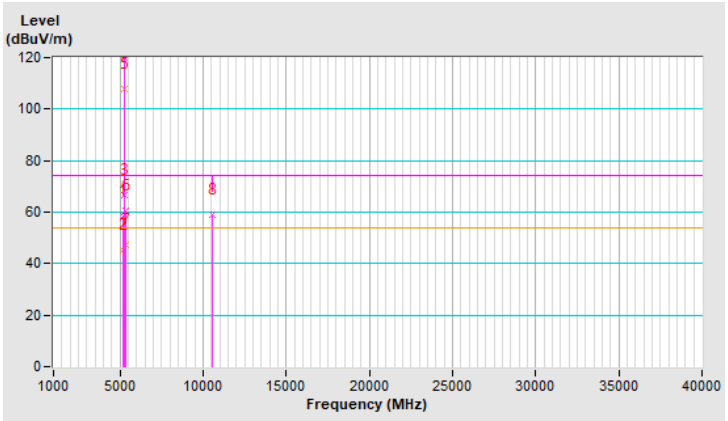


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.5 PK	74.0	-15.5	1.75 V	345	51.9	6.6
2	5150.00	45.5 AV	54.0	-8.5	1.75 V	345	38.9	6.6
3	5250.00	66.6 PK	68.2	-1.6	1.78 V	350	60.5	6.1
4	*5280.00	120.1 PK			1.77 V	352	78.2	41.9
5	*5280.00	107.9 AV			1.77 V	352	66.0	41.9
6	5350.00	60.5 PK	74.0	-13.5	1.75 V	351	54.1	6.4
7	5350.00	47.1 AV	54.0	-6.9	1.75 V	351	40.7	6.4
8	#10560.00	59.1 PK	68.2	-9.1	1.48 V	328	41.6	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

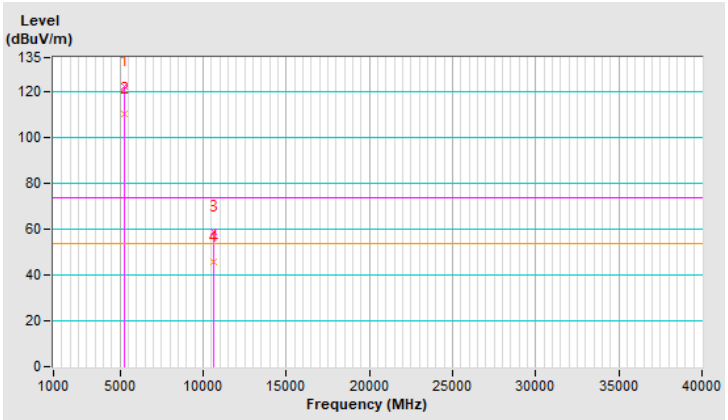


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	122.7 PK			1.62 H	346	80.8	41.9
2	*5300.00	110.6 AV			1.62 H	346	68.7	41.9
3	10600.00	59.0 PK	74.0	-15.0	1.69 H	324	41.8	17.2
4	10600.00	45.9 AV	54.0	-8.1	1.69 H	324	28.7	17.2
5	15900.00	-	-	-	-	-	-	-
6	21200.00	-	-	-	-	-	-	-
7	#26500.00	-	-	-	-	-	-	-
8	31800.00	-	-	-	-	-	-	-
9	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

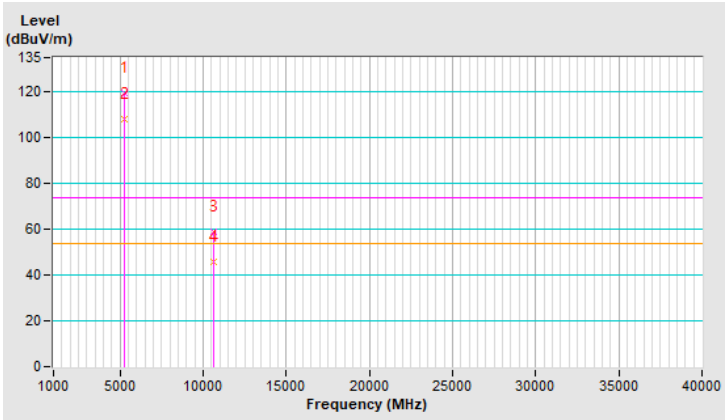


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.8 PK			1.66 V	350	77.9	41.9
2	*5300.00	108.0 AV			1.66 V	350	66.1	41.9
3	10600.00	58.8 PK	74.0	-15.2	1.49 V	339	41.6	17.2
4	10600.00	46.0 AV	54.0	-8.0	1.49 V	339	28.8	17.2
5	15900.00	-	-	-	-	-	-	-
6	21200.00	-	-	-	-	-	-	-
7	#26500.00	-	-	-	-	-	-	-
8	31800.00	-	-	-	-	-	-	-
9	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

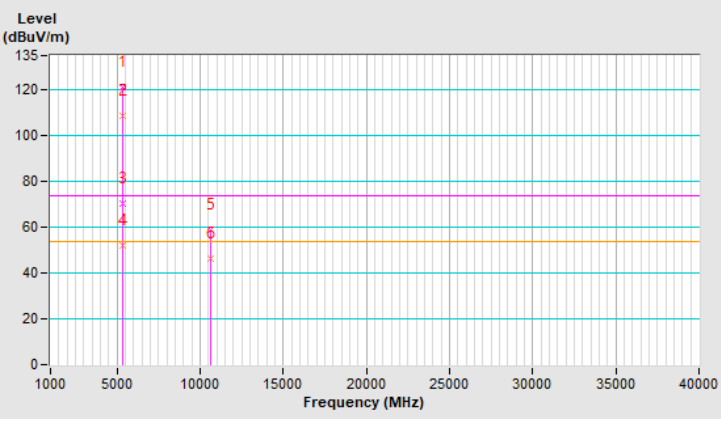


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	121.1 PK			1.63 H	345	79.1	42.0
2	*5320.00	108.9 AV			1.63 H	345	66.9	42.0
3	5350.00	70.1 PK	74.0	-3.9	1.84 H	345	63.7	6.4
4	5350.00	52.2 AV	54.0	-1.8	1.84 H	345	45.8	6.4
5	10640.00	59.1 PK	74.0	-14.9	1.66 H	324	41.7	17.4
6	10640.00	46.2 AV	54.0	-7.8	1.66 H	324	28.8	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

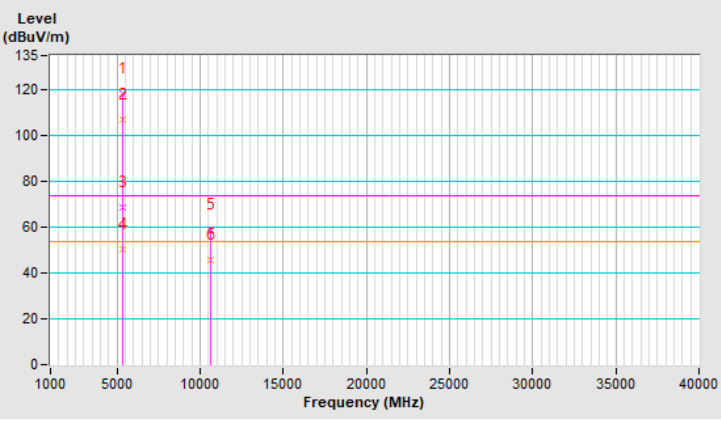


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 10 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	118.3 PK			1.52 V	354	76.3	42.0
2	*5320.00	106.7 AV			1.52 V	354	64.7	42.0
3	5350.00	68.5 PK	74.0	-5.5	1.58 V	353	62.1	6.4
4	5350.00	50.3 AV	54.0	-3.7	1.58 V	353	43.9	6.4
5	10640.00	59.0 PK	74.0	-15.0	1.53 V	342	41.6	17.4
6	10640.00	46.0 AV	54.0	-8.0	1.53 V	342	28.6	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

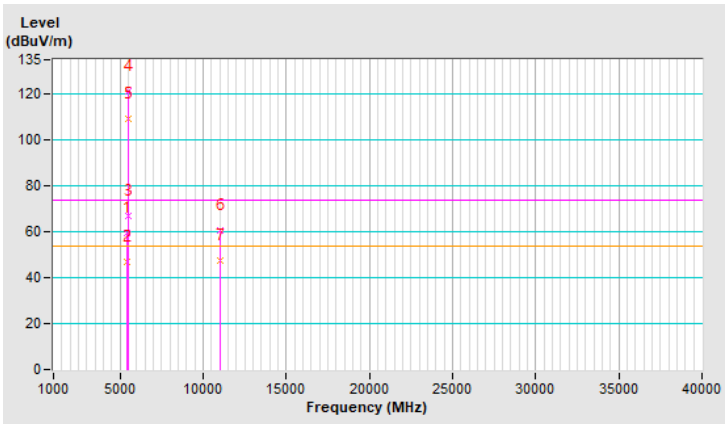


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	1.72 H	345	53.2	6.3
2	5460.00	47.1 AV	54.0	-6.9	1.72 H	345	40.8	6.3
3	#5470.00	67.0 PK	68.2	-1.2	1.72 H	359	60.7	6.3
4	*5500.00	121.4 PK			1.51 H	343	79.3	42.1
5	*5500.00	109.2 AV			1.51 H	343	67.1	42.1
6	11000.00	60.4 PK	74.0	-13.6	1.41 H	335	41.8	18.6
7	11000.00	47.5 AV	54.0	-6.5	1.41 H	335	28.9	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

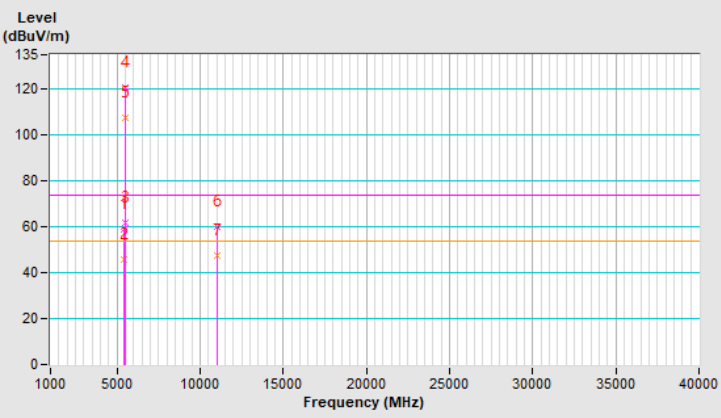


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.8 PK	74.0	-15.2	1.49 V	348	52.5	6.3
2	5460.00	45.8 AV	54.0	-8.2	1.49 V	348	39.5	6.3
3	#5470.00	61.6 PK	68.2	-6.6	1.53 V	352	55.3	6.3
4	*5500.00	120.5 PK			1.55 V	351	78.4	42.1
5	*5500.00	107.5 AV			1.55 V	351	65.4	42.1
6	11000.00	60.3 PK	74.0	-13.7	1.48 V	348	41.7	18.6
7	11000.00	47.3 AV	54.0	-6.7	1.48 V	348	28.7	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

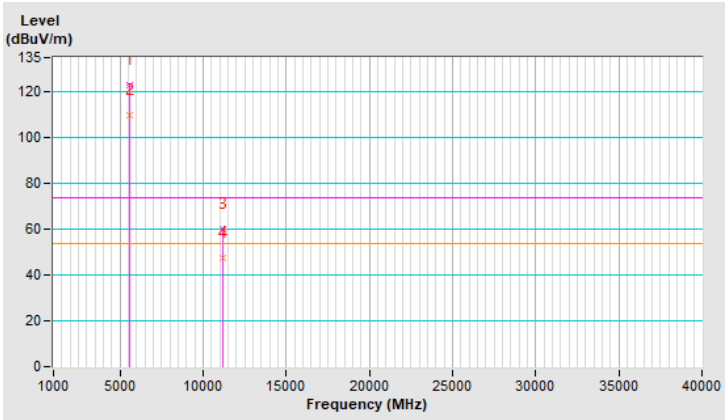


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	122.9 PK			1.58 H	344	80.8	42.1
2	*5580.00	110.1 AV			1.58 H	344	68.0	42.1
3	11160.00	60.1 PK	74.0	-13.9	1.38 H	328	41.6	18.5
4	11160.00	47.2 AV	54.0	-6.8	1.38 H	328	28.7	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

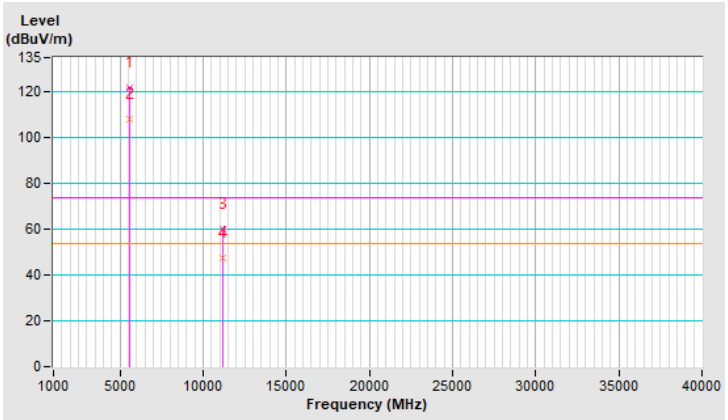


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.7 PK			1.55 V	350	79.6	42.1
2	*5580.00	108.2 AV			1.55 V	350	66.1	42.1
3	11160.00	60.2 PK	74.0	-13.8	1.42 V	352	41.7	18.5
4	11160.00	47.3 AV	54.0	-6.7	1.42 V	352	28.8	18.5
5	#16740.00	-	-	-	-	-	-	-
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

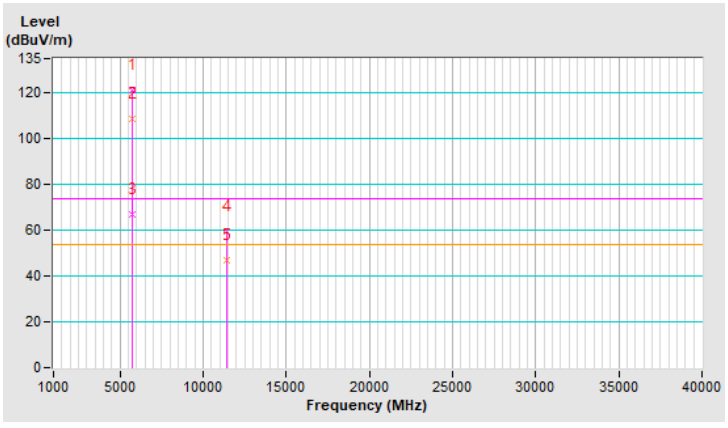


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.0 PK			1.69 H	344	78.7	42.3
2	*5700.00	108.6 AV			1.69 H	344	66.3	42.3
3	#5725.00	67.1 PK	68.2	-1.1	1.57 H	341	60.6	6.5
4	11400.00	59.7 PK	74.0	-14.3	1.42 H	338	41.8	17.9
5	11400.00	46.7 AV	54.0	-7.3	1.42 H	338	28.8	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

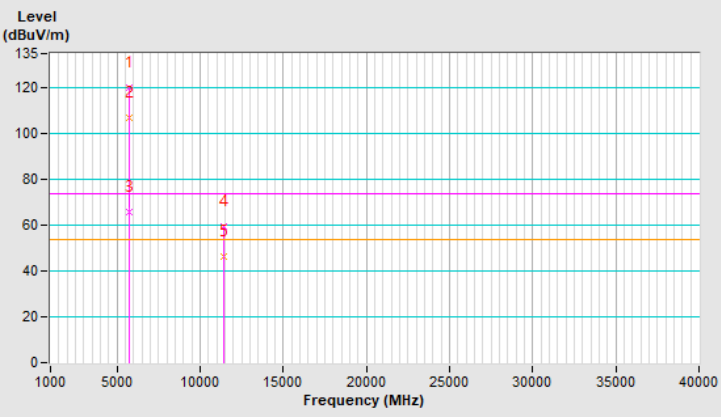


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	120.0 PK			1.57 V	351	77.7	42.3
2	*5700.00	106.7 AV			1.57 V	351	64.4	42.3
3	#5725.00	65.7 PK	68.2	-2.5	1.54 V	355	59.2	6.5
4	11400.00	59.5 PK	74.0	-14.5	1.58 V	342	41.6	17.9
5	11400.00	46.5 AV	54.0	-7.5	1.58 V	342	28.6	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

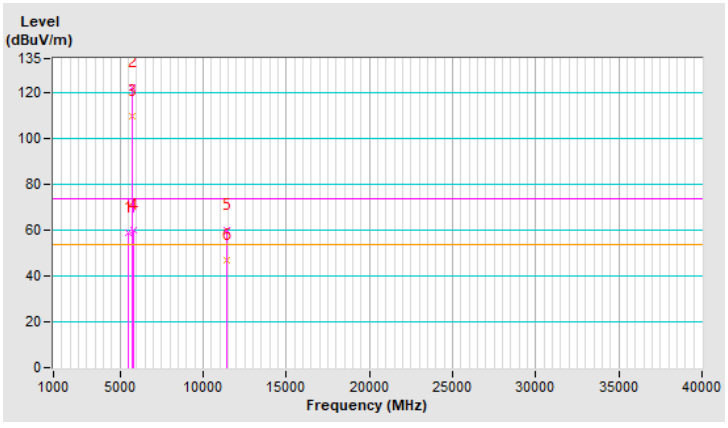


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.8 PK	68.2	-9.4	1.65 H	352	52.5	6.3
2	*5720.00	122.4 PK			1.68 H	355	80.2	42.2
3	*5720.00	110.1 AV			1.68 H	355	67.9	42.2
4	#5850.00	60.0 PK	68.2	-8.2	1.65 H	349	53.2	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.52 H	329	41.9	18.0
6	11440.00	46.9 AV	54.0	-7.1	1.52 H	329	28.9	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

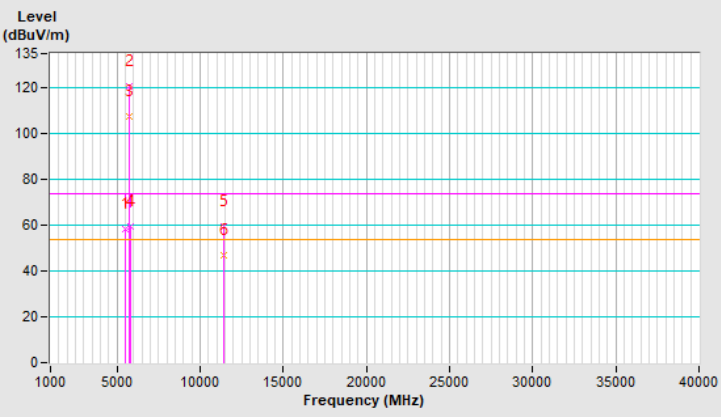


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.6 PK	68.2	-9.6	1.54 V	354	52.3	6.3
2	*5720.00	120.8 PK			1.58 V	353	78.6	42.2
3	*5720.00	107.7 AV			1.58 V	353	65.5	42.2
4	#5850.00	59.5 PK	68.2	-8.7	1.55 V	351	52.7	6.8
5	11440.00	59.7 PK	74.0	-14.3	1.51 V	344	41.7	18.0
6	11440.00	46.7 AV	54.0	-7.3	1.51 V	344	28.7	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

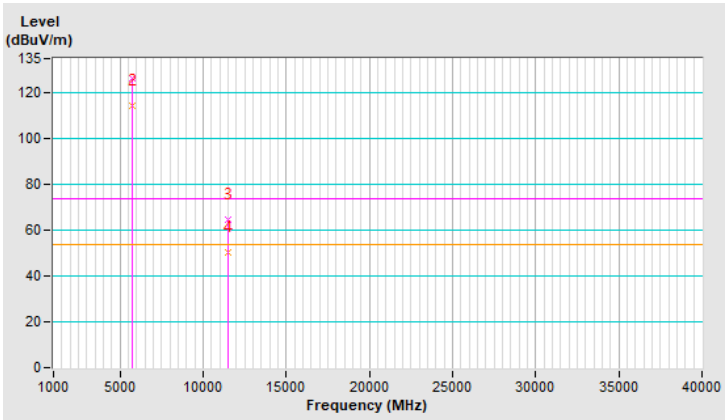


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	126.7 PK			1.71 H	352	84.5	42.2
2	*5745.00	114.4 AV			1.71 H	352	72.2	42.2
3	11490.00	64.5 PK	74.0	-9.5	1.69 H	3	46.2	18.3
4	11490.00	50.5 AV	54.0	-3.5	1.69 H	3	32.2	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

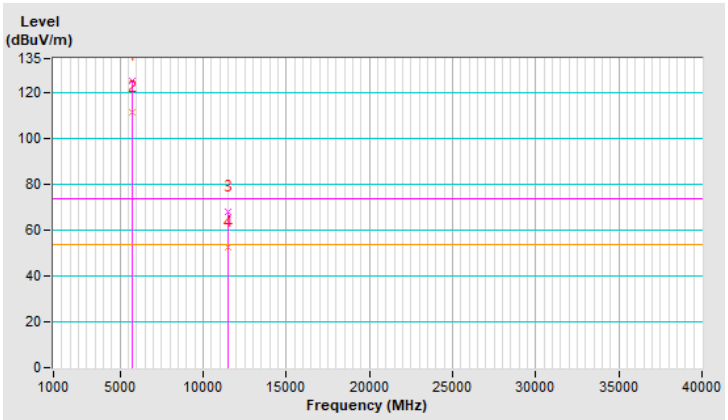


操作模式：	發射 802.11ax (HE20)	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	109 年 12 月 28 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	125.1 PK			1.60 V	357	82.9	42.2
2	*5745.00	111.8 AV			1.60 V	357	69.6	42.2
3	11490.00	68.1 PK	74.0	-5.9	1.48 V	344	49.8	18.3
4	11490.00	52.8 AV	54.0	-1.2	1.48 V	344	34.5	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

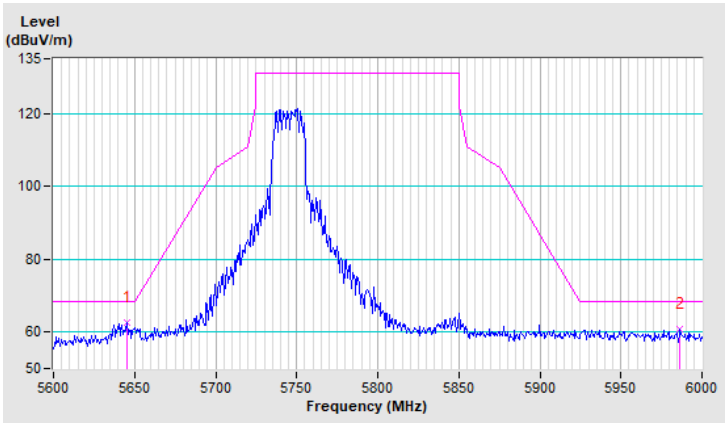


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.51	62.5 PK	68.2	-5.7	1.71 H	352	56.2	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5986.54	60.8 PK	68.2	-7.4	1.71 H	352	53.6	7.2
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

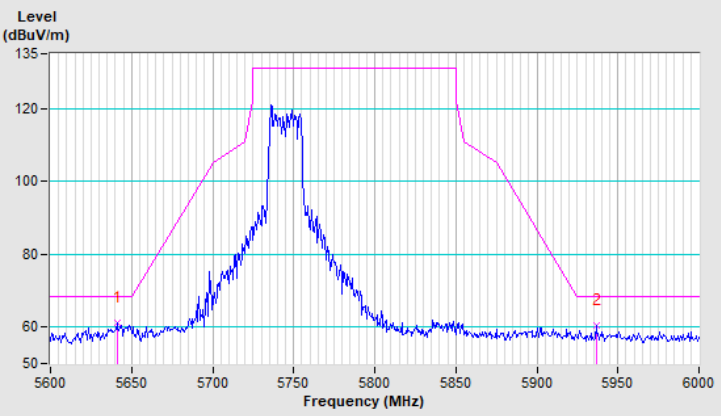


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.03	61.0 PK	68.2	-7.2	1.60 V	357	54.7	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5936.54	60.4 PK	68.2	-7.8	1.60 V	357	53.1	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

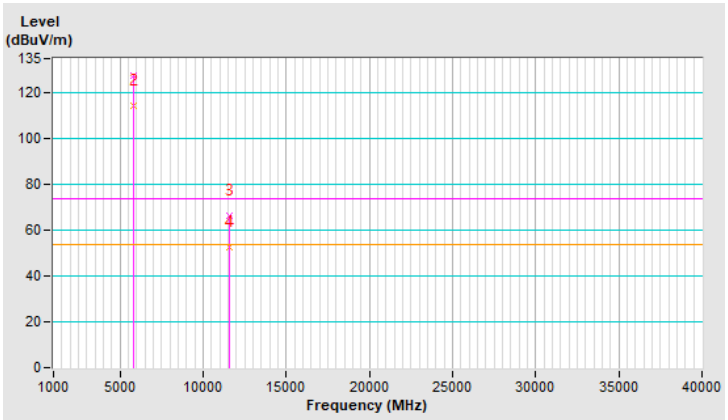


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	127.4 PK			1.69 H	350	85.2	42.2
2	*5785.00	114.5 AV			1.69 H	350	72.3	42.2
3	11570.00	66.1 PK	74.0	-7.9	1.68 H	2	48.1	18.0
4	11570.00	52.4 AV	54.0	-1.6	1.68 H	2	34.4	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

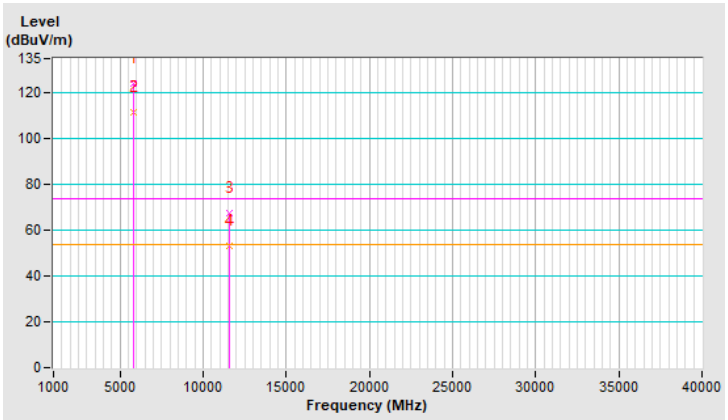


操作模式：	發射 802.11ax (HE20)	調變技術：	OFDMA
基本波頻率：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	109 年 12 月 28 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	124.0 PK			1.69 V	345	81.8	42.2
2	*5785.00	111.8 AV			1.69 V	345	69.6	42.2
3	11570.00	67.5 PK	74.0	-6.5	1.52 V	343	49.5	18.0
4	11570.00	53.4 AV	54.0	-0.6	1.52 V	343	35.4	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

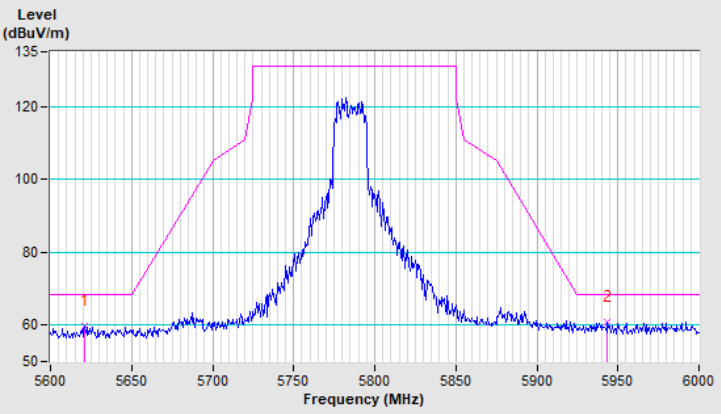


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5621.15	59.6 PK	68.2	-8.6	1.69 H	350	53.4	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5943.59	60.9 PK	68.2	-7.3	1.69 H	350	53.6	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

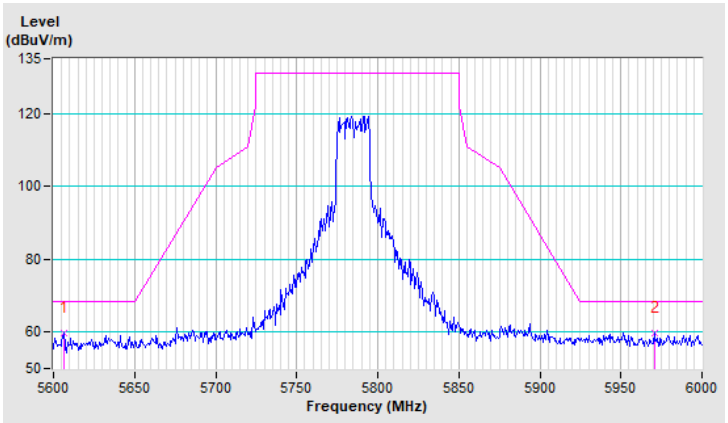


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5606.41	59.6 PK	68.2	-8.6	1.69 V	345	53.4	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5970.51	59.9 PK	68.2	-8.3	1.69 V	345	52.7	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

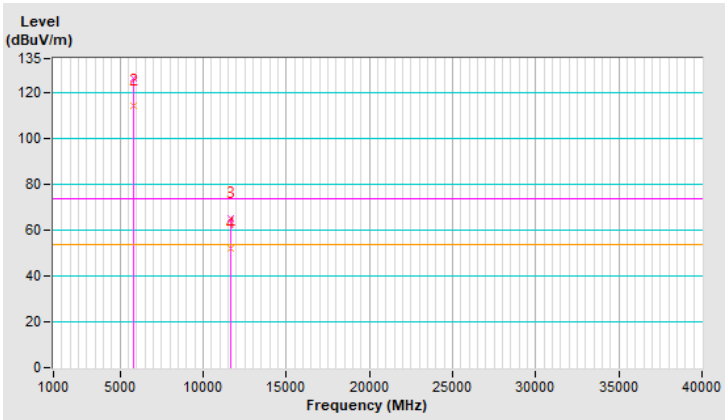


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	126.6 PK			1.65 H	346	84.3	42.3
2	*5825.00	114.4 AV			1.65 H	346	72.1	42.3
3	11650.00	65.3 PK	74.0	-8.7	1.66 H	3	47.3	18.0
4	11650.00	51.9 AV	54.0	-2.1	1.66 H	3	33.9	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

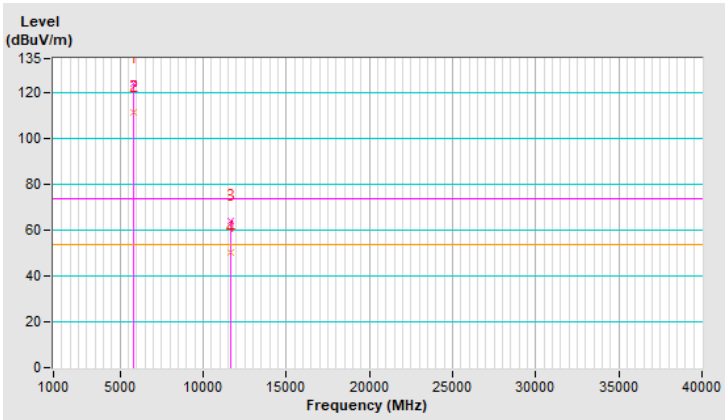


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	123.9 PK			1.60 V	353	81.6	42.3
2	*5825.00	111.7 AV			1.60 V	353	69.4	42.3
3	11650.00	63.9 PK	74.0	-10.1	1.74 V	354	45.9	18.0
4	11650.00	50.4 AV	54.0	-3.6	1.74 V	354	32.4	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

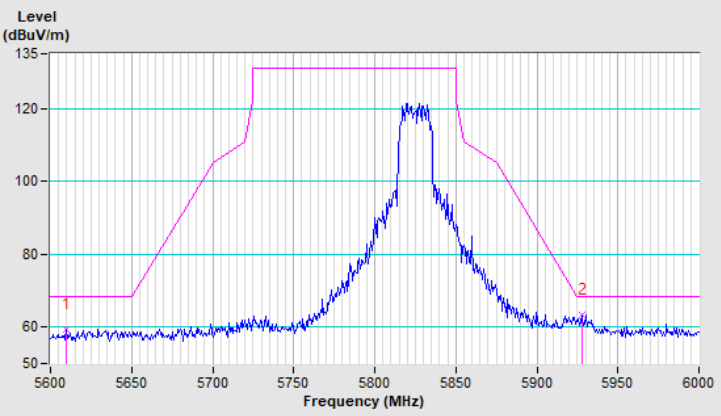


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5609.62	59.4 PK	68.2	-8.8	1.65 H	346	53.2	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5927.56	63.5 PK	68.2	-4.7	1.65 H	346	56.2	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

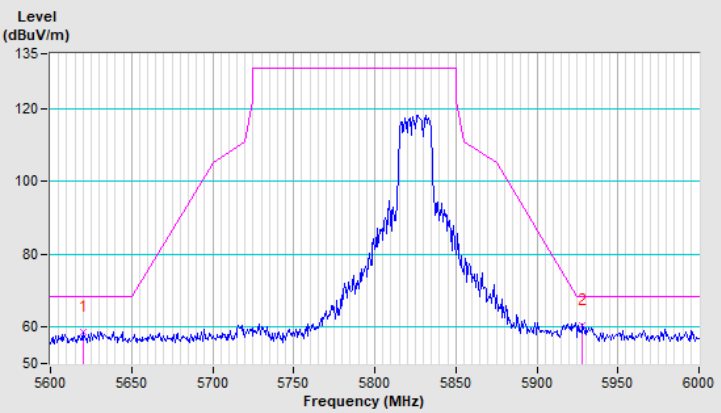


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5619.87	58.8 PK	68.2	-9.4	1.60 V	353	52.6	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5928.21	60.6 PK	68.2	-7.6	1.60 V	353	53.3	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

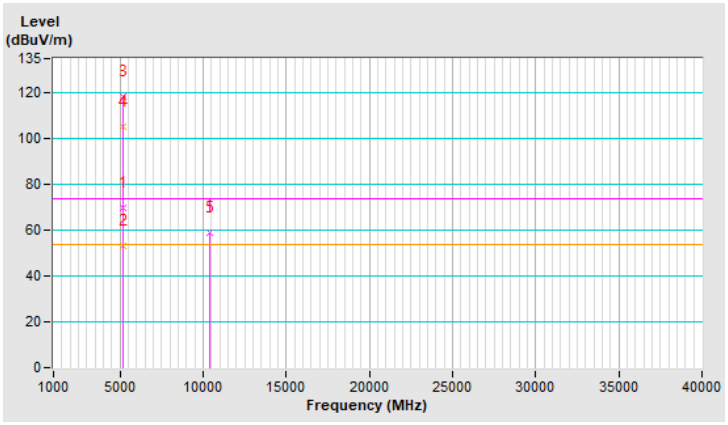


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	69.8 PK	74.0	-4.2	1.78 H	346	63.2	6.6
2	5150.00	53.0 AV	54.0	-1.0	1.78 H	346	46.4	6.6
3	*5190.00	118.6 PK			1.72 H	347	76.5	42.1
4	*5190.00	105.5 AV			1.72 H	347	63.4	42.1
5	#10380.00	59.1 PK	68.2	-9.1	2.29 H	173	42.3	16.8
6	15570.00	-	-	-	-	-	-	-
7	20760.00	-	-	-	-	-	-	-
8	#25950.00	-	-	-	-	-	-	-
9	#31140.00	-	-	-	-	-	-	-
10	#36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

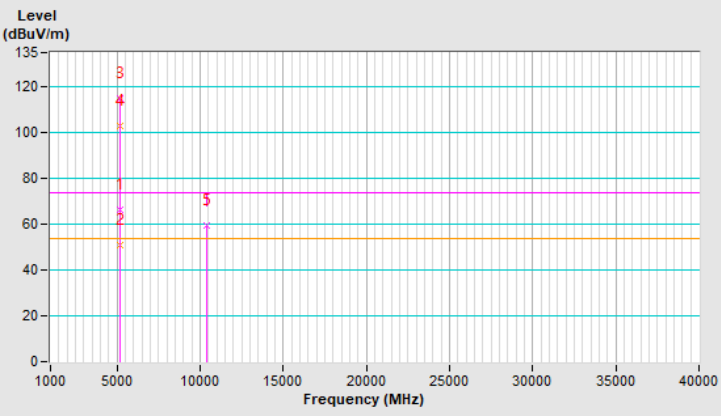


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.4 PK	74.0	-7.6	1.67 V	352	59.8	6.6
2	5150.00	50.8 AV	54.0	-3.2	1.67 V	352	44.2	6.6
3	*5190.00	115.0 PK			1.68 V	351	72.9	42.1
4	*5190.00	103.0 AV			1.68 V	351	60.9	42.1
5	#10380.00	-	-	-	-	-	-	-
6	#10420.00	59.4 PK	68.2	-8.8	1.95 V	205	42.2	17.2
7	15570.00	-	-	-	-	-	-	-
8	20760.00	-	-	-	-	-	-	-
9	#25950.00	-	-	-	-	-	-	-
10	#31140.00	-	-	-	-	-	-	-
11	#36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

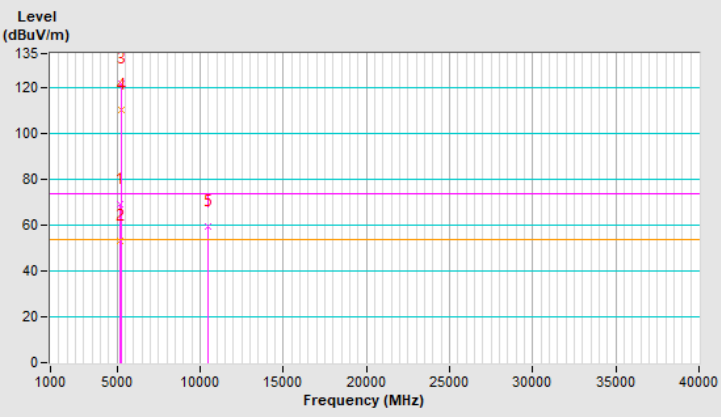


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	69.0 PK	74.0	-5.0	1.76 H	345	62.4	6.6
2	5150.00	53.0 AV	54.0	-1.0	1.76 H	345	46.4	6.6
3	*5230.00	122.0 PK			1.61 H	345	80.0	42.0
4	*5230.00	110.3 AV			1.61 H	345	68.3	42.0
5	#10460.00	59.6 PK	68.2	-8.6	2.29 H	162	42.2	17.4
6	15690.00	-	-	-	-	-	-	-
7	20920.00	-	-	-	-	-	-	-
8	#26150.00	-	-	-	-	-	-	-
9	31380.00	-	-	-	-	-	-	-
10	#36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

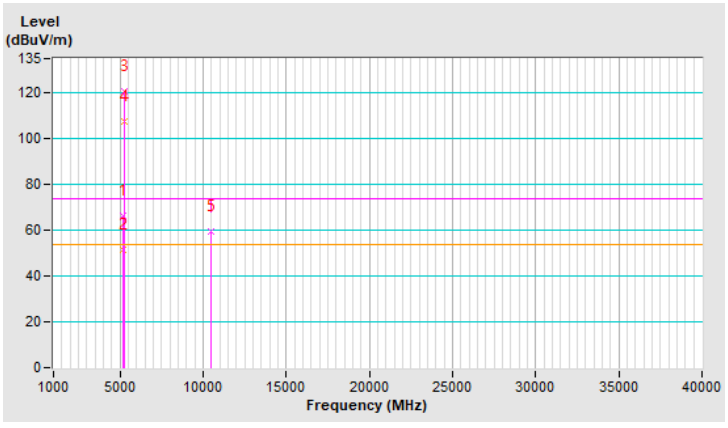


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.5 PK	74.0	-7.5	1.58 V	351	59.9	6.6
2	5150.00	51.7 AV	54.0	-2.3	1.58 V	351	45.1	6.6
3	*5230.00	120.5 PK			1.47 V	349	78.5	42.0
4	*5230.00	107.7 AV			1.47 V	349	65.7	42.0
5	#10460.00	59.5 PK	68.2	-8.7	2.02 V	216	42.1	17.4
6	15690.00	-	-	-	-	-	-	-
7	20920.00	-	-	-	-	-	-	-
8	#26150.00	-	-	-	-	-	-	-
9	31380.00	-	-	-	-	-	-	-
10	#36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

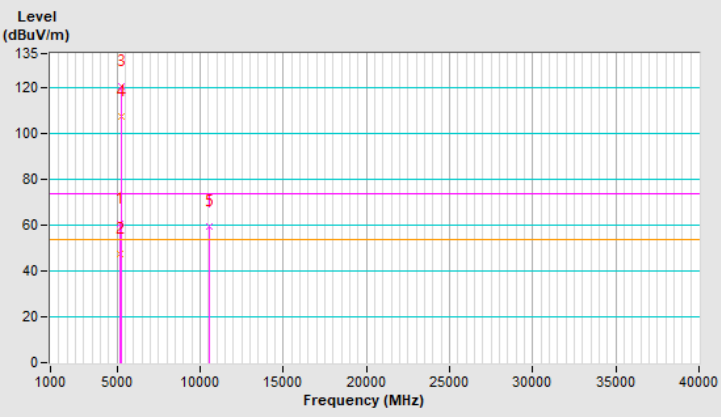


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.4 PK	74.0	-13.6	1.62 H	348	53.8	6.6
2	5150.00	47.2 AV	54.0	-6.8	1.62 H	348	40.6	6.6
3	*5270.00	120.9 PK			1.58 H	345	79.0	41.9
4	*5270.00	107.7 AV			1.58 H	345	65.8	41.9
5	#10540.00	59.3 PK	68.2	-8.9	1.74 H	335	41.7	17.6
6	15810.00	-	-	-	-	-	-	-
7	21080.00	-	-	-	-	-	-	-
8	#26350.00	-	-	-	-	-	-	-
9	31620.00	-	-	-	-	-	-	-
10	#36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

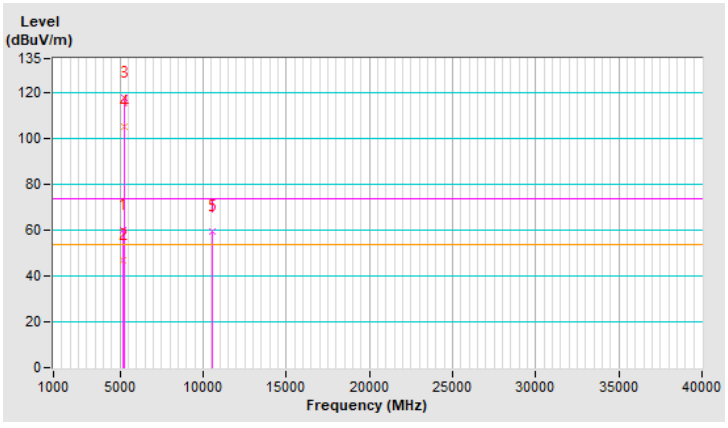


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.8 PK	74.0	-14.2	1.59 V	350	53.2	6.6
2	5150.00	46.7 AV	54.0	-7.3	1.59 V	350	40.1	6.6
3	*5270.00	117.9 PK			1.62 V	352	76.0	41.9
4	*5270.00	105.3 AV			1.62 V	352	63.4	41.9
5	#10540.00	59.3 PK	68.2	-8.9	1.82 V	325	41.7	17.6
6	15810.00	-	-	-	-	-	-	-
7	21080.00	-	-	-	-	-	-	-
8	#26350.00	-	-	-	-	-	-	-
9	31620.00	-	-	-	-	-	-	-
10	#36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

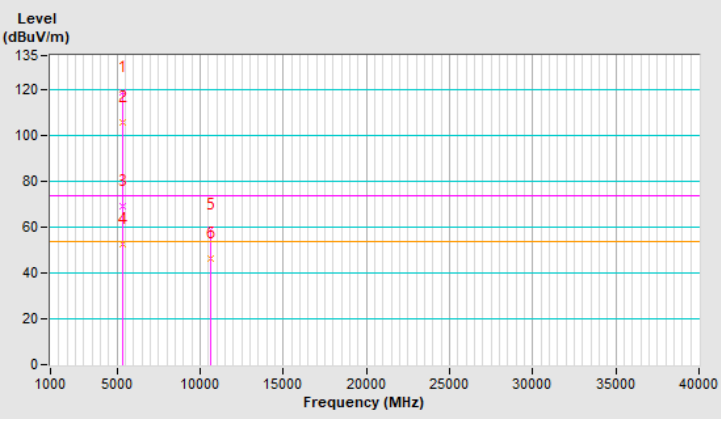


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	119.2 PK			1.72 H	344	77.2	42.0
2	*5310.00	106.0 AV			1.72 H	344	64.0	42.0
3	5350.00	69.2 PK	74.0	-4.8	1.58 H	343	62.8	6.4
4	5350.00	52.7 AV	54.0	-1.3	1.58 H	343	46.3	6.4
5	10620.00	59.0 PK	74.0	-15.0	1.75 H	335	41.6	17.4
6	10620.00	46.2 AV	54.0	-7.8	1.75 H	335	28.8	17.4
7	15930.00	-	-	-	-	-	-	-
8	21240.00	-	-	-	-	-	-	-
9	#26550.00	-	-	-	-	-	-	-
10	#31860.00	-	-	-	-	-	-	-
11	#37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

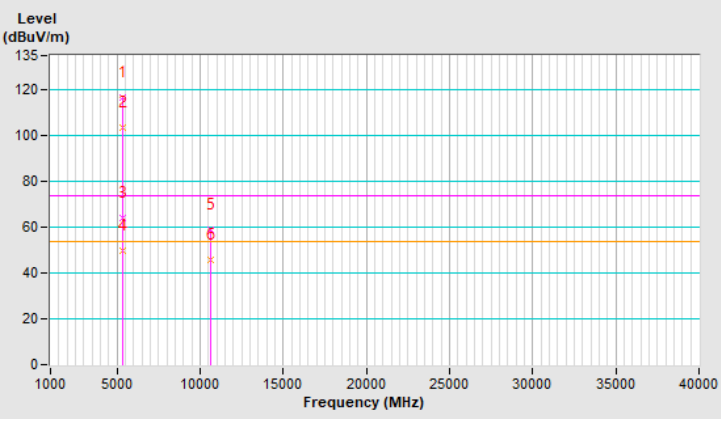


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	116.6 PK			1.67 V	351	74.6	42.0
2	*5310.00	103.6 AV			1.67 V	351	61.6	42.0
3	5350.00	64.2 PK	74.0	-9.8	1.69 V	350	57.8	6.4
4	5350.00	49.6 AV	54.0	-4.4	1.69 V	350	43.2	6.4
5	10620.00	58.9 PK	74.0	-15.1	1.48 V	332	41.5	17.4
6	10620.00	46.0 AV	54.0	-8.0	1.48 V	332	28.6	17.4
7	15930.00	-	-	-	-	-	-	-
8	21240.00	-	-	-	-	-	-	-
9	#26550.00	-	-	-	-	-	-	-
10	#31860.00	-	-	-	-	-	-	-
11	#37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

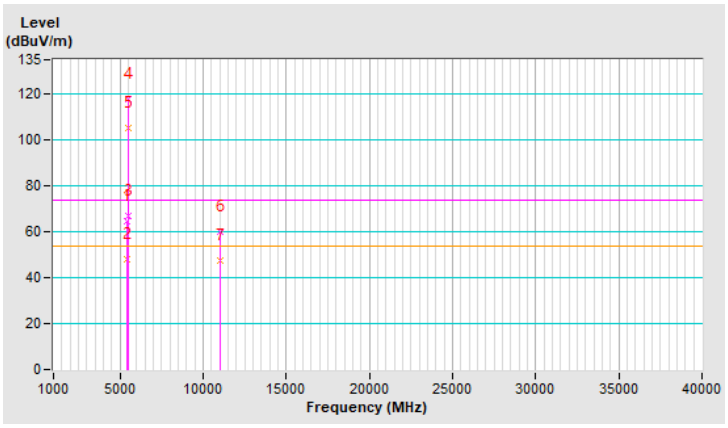


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	64.4 PK	74.0	-9.6	1.62 H	342	58.1	6.3
2	5460.00	48.1 AV	54.0	-5.9	1.62 H	342	41.8	6.3
3	**#5470.00**	**67.2 PK**	**68.2**	**-1.0**	**1.64 H**	**344**	**60.9**	**6.3**
4	*5510.00	118.1 PK			1.71 H	343	76.0	42.1
5	*5510.00	105.1 AV			1.71 H	343	63.0	42.1
6	11020.00	60.2 PK	74.0	-13.8	1.45 H	328	41.6	18.6
7	11020.00	47.3 AV	54.0	-6.7	1.45 H	328	28.7	18.6
8	#16530.00	-	-	-	-	-	-	-
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

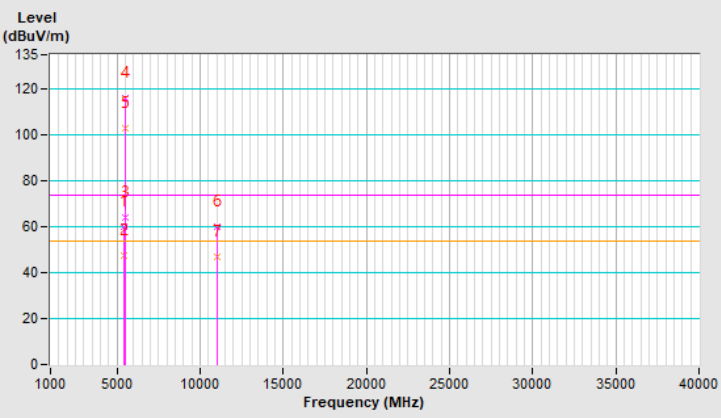


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.8 PK	74.0	-14.2	1.49 V	351	53.5	6.3
2	5460.00	47.4 AV	54.0	-6.6	1.49 V	351	41.1	6.3
3	#5470.00	64.3 PK	68.2	-3.9	1.53 V	354	58.0	6.3
4	*5510.00	115.9 PK			1.56 V	350	73.8	42.1
5	*5510.00	103.1 AV			1.56 V	350	61.0	42.1
6	11020.00	60.2 PK	74.0	-13.8	1.52 V	347	41.6	18.6
7	11020.00	47.1 AV	54.0	-6.9	1.52 V	347	28.5	18.6
8	#16530.00	-	-	-	-	-	-	-
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

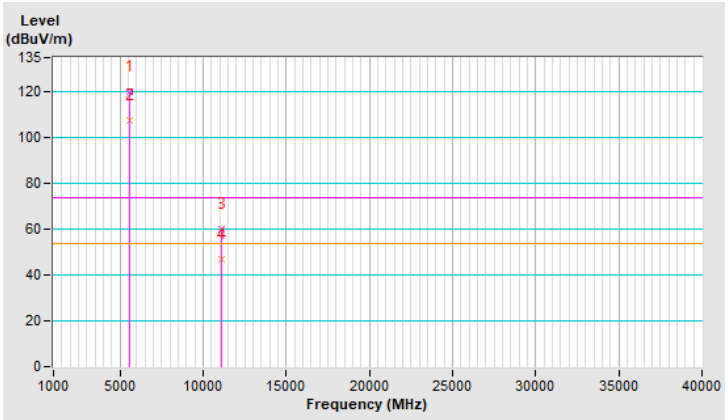


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	120.4 PK			1.74 H	345	78.3	42.1
2	*5550.00	107.3 AV			1.74 H	345	65.2	42.1
3	11100.00	59.9 PK	74.0	-14.1	1.42 H	338	41.6	18.3
4	11100.00	46.9 AV	54.0	-7.1	1.42 H	338	28.6	18.3
5	#16650.00	-	-	-	-	-	-	-
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

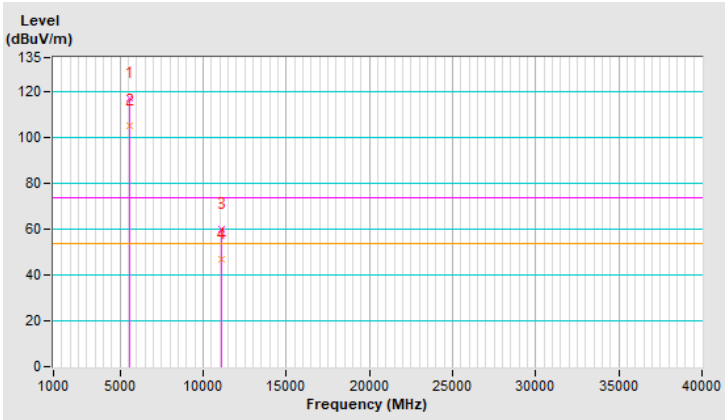


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	117.2 PK			1.51 V	348	75.1	42.1
2	*5550.00	105.3 AV			1.51 V	348	63.2	42.1
3	11100.00	59.9 PK	74.0	-14.1	1.55 V	352	41.6	18.3
4	11100.00	46.9 AV	54.0	-7.1	1.55 V	352	28.6	18.3
5	#16650.00	-	-	-	-	-	-	-
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

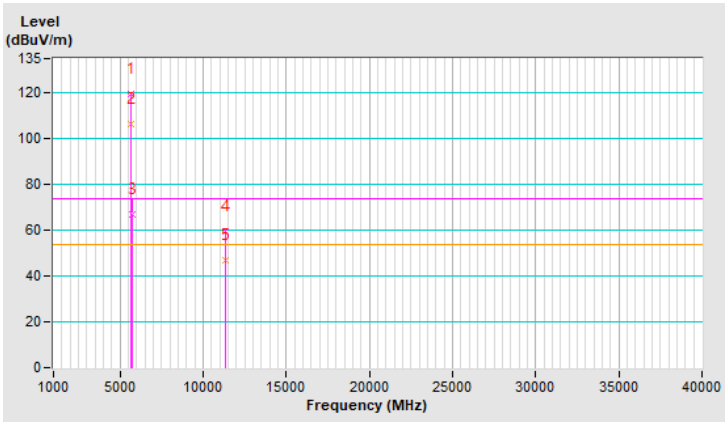


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	119.7 PK			1.75 H	342	77.5	42.2
2	*5670.00	106.6 AV			1.75 H	342	64.4	42.2
3	#5725.00	67.0 PK	68.2	-1.2	1.74 H	356	60.5	6.5
4	11340.00	59.7 PK	74.0	-14.3	1.48 H	332	41.6	18.1
5	11340.00	46.9 AV	54.0	-7.1	1.48 H	332	28.8	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

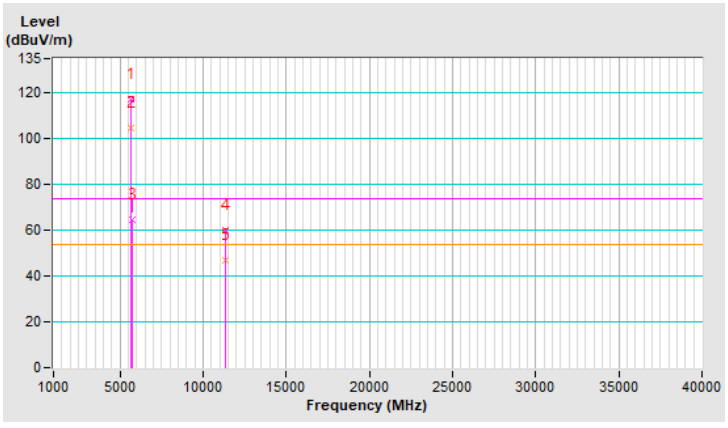


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	117.0 PK			1.52 V	349	74.8	42.2
2	*5670.00	104.6 AV			1.52 V	349	62.4	42.2
3	#5725.00	64.9 PK	68.2	-3.3	1.49 V	344	58.4	6.5
4	11340.00	59.8 PK	74.0	-14.2	1.42 V	351	41.7	18.1
5	11340.00	46.7 AV	54.0	-7.3	1.42 V	351	28.6	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

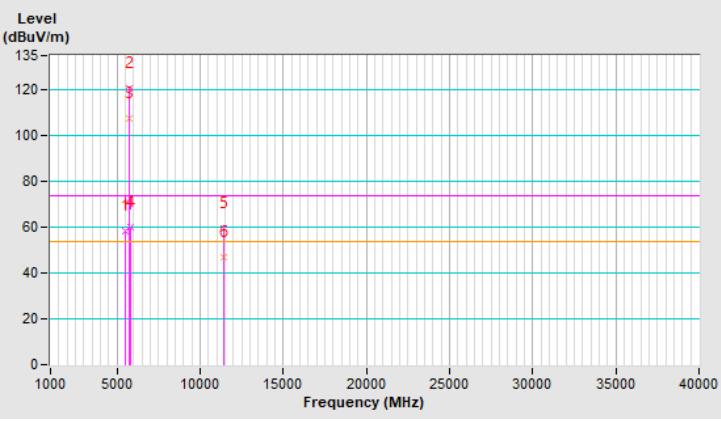


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.6 PK	68.2	-9.6	1.70 H	356	52.3	6.3
2	*5710.00	120.7 PK			1.74 H	357	78.4	42.3
3	*5710.00	107.5 AV			1.74 H	357	65.2	42.3
4	#5850.00	60.0 PK	68.2	-8.2	1.69 H	355	53.2	6.8
5	11420.00	59.7 PK	74.0	-14.3	1.39 H	342	41.8	17.9
6	11420.00	46.8 AV	54.0	-7.2	1.39 H	342	28.9	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

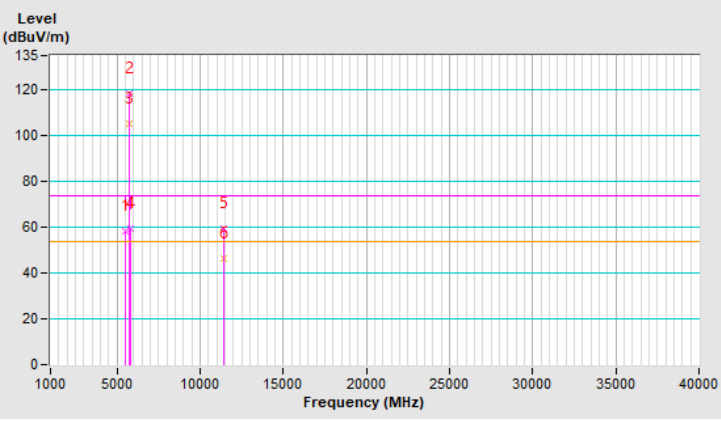


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.5 PK	68.2	-9.7	1.51 V	349	52.2	6.3
2	*5710.00	118.3 PK			1.55 V	357	76.0	42.3
3	*5710.00	105.5 AV			1.55 V	357	63.2	42.3
4	#5850.00	59.5 PK	68.2	-8.7	1.53 V	355	52.7	6.8
5	11420.00	59.6 PK	74.0	-14.4	1.52 V	348	41.7	17.9
6	11420.00	46.5 AV	54.0	-7.5	1.52 V	348	28.6	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

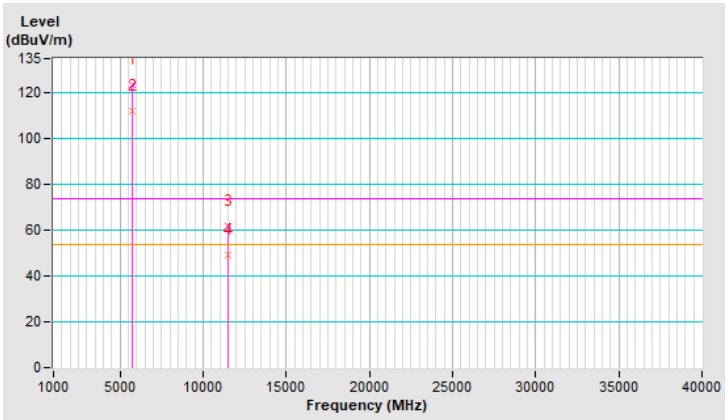


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	123.7 PK			1.76 H	344	81.4	42.3
2	*5755.00	112.0 AV			1.76 H	344	69.7	42.3
3	11510.00	61.7 PK	74.0	-12.3	1.66 H	338	43.5	18.2
4	11510.00	49.4 AV	54.0	-4.6	1.66 H	338	31.2	18.2
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

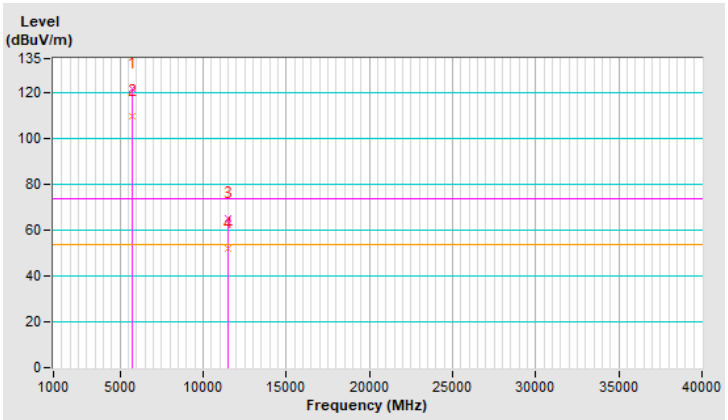


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	121.7 PK			1.53 V	350	79.4	42.3
2	*5755.00	109.8 AV			1.53 V	350	67.5	42.3
3	11510.00	65.2 PK	74.0	-8.8	1.54 V	345	47.0	18.2
4	11510.00	52.2 AV	54.0	-1.8	1.54 V	345	34.0	18.2
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

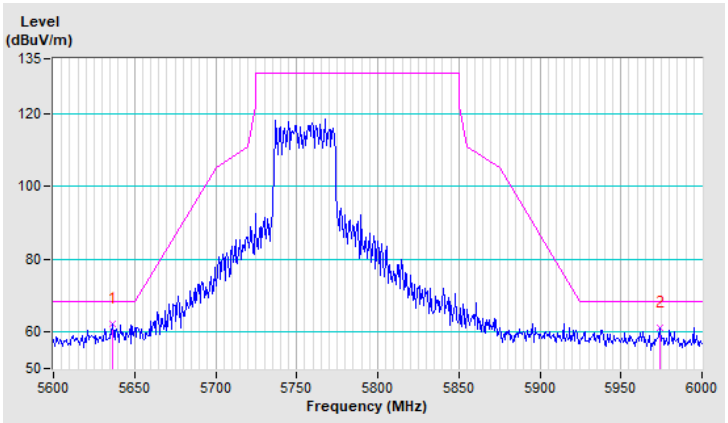


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.54	62.4 PK	68.2	-5.8	1.76 H	344	56.1	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5974.36	61.1 PK	68.2	-7.1	1.76 H	344	53.9	7.2
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

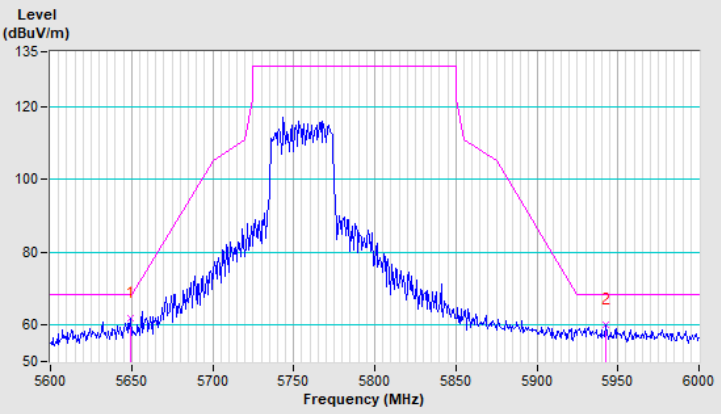


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.36	62.0 PK	68.2	-6.2	1.53 V	350	55.7	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5942.31	60.1 PK	68.2	-8.1	1.53 V	350	52.8	7.3
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

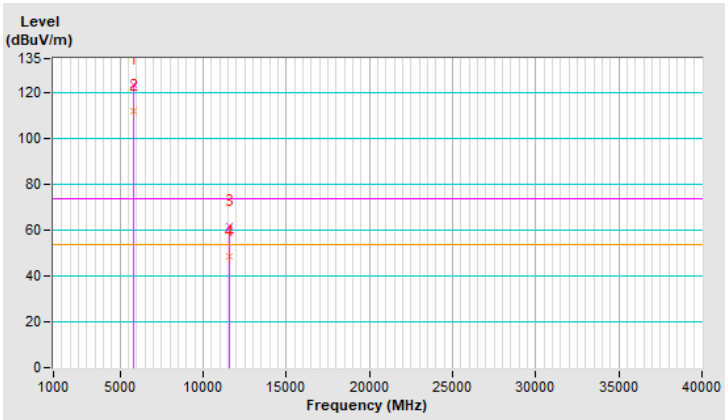


操作模式：	發射 802.11ax (HE40)	調變技術：	OFDMA
基本波頻率：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	109 年 12 月 28 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	123.6 PK			1.69 H	351	81.4	42.2
2	*5795.00	111.9 AV			1.69 H	351	69.7	42.2
3	11590.00	61.5 PK	74.0	-12.5	1.59 H	330	43.7	17.8
4	11590.00	48.5 AV	54.0	-5.5	1.59 H	330	30.7	17.8
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



操作模式：	發射 802.11ax (HE40)	調變技術：	OFDMA
基本波頻率：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	109 年 12 月 28 日	測試者：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	121.6 PK			1.66 V	343	79.4	42.2
2	*5795.00	109.1 AV			1.66 V	343	66.9	42.2
3	11590.00	64.0 PK	74.0	-10.0	1.53 V	344	46.2	17.8
4	11590.00	51.2 AV	54.0	-2.8	1.53 V	344	33.4	17.8
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
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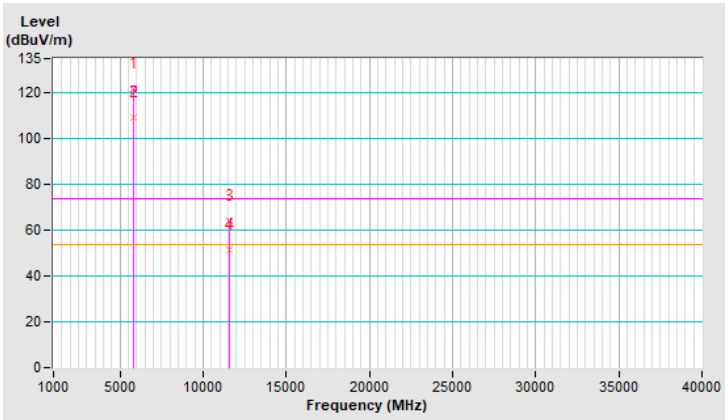
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

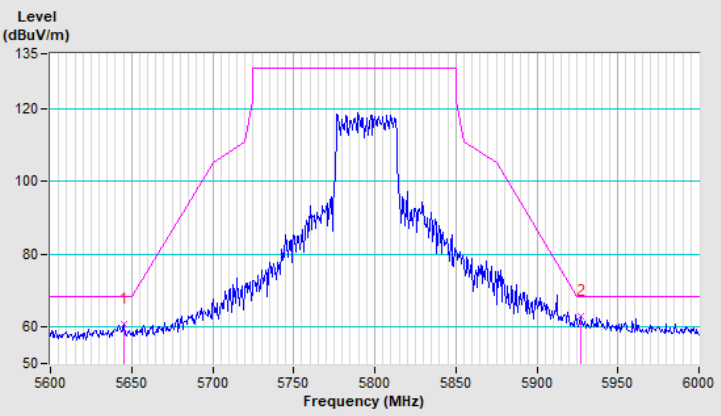


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.51	60.9 PK	68.2	-7.3	1.69 H	351	54.6	6.3
2	*5795.00	-	-	-	-	-	-	-
3	#5926.92	63.0 PK	68.2	-5.2	1.69 H	351	55.7	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

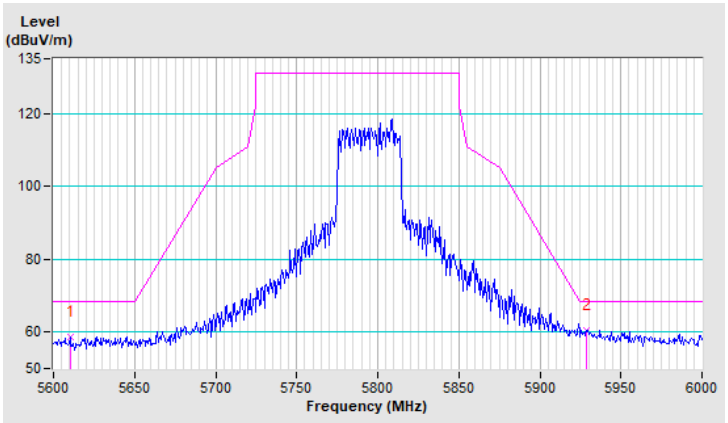


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5610.26	58.6 PK	68.2	-9.6	1.66 V	343	52.4	6.2
2	*5795.00	-	-	-	-	-	-	-
3	#5928.85	60.5 PK	68.2	-7.7	1.66 V	343	53.2	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

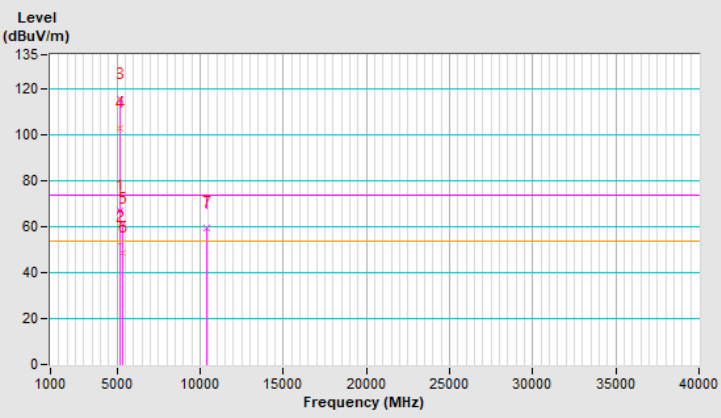


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	1.82 H	345	60.6	6.6
2	5150.00	53.0 AV	54.0	-1.0	1.82 H	345	46.4	6.6
3	*5210.00	115.6 PK			1.66 H	343	73.6	42.0
4	*5210.00	103.1 AV			1.66 H	343	61.1	42.0
5	5350.00	61.1 PK	74.0	-12.9	1.55 H	343	54.7	6.4
6	5350.00	48.5 AV	54.0	-5.5	1.55 H	343	42.1	6.4
7	#10420.00	59.4 PK	68.2	-8.8	2.15 H	172	42.2	17.2
8	15630.00	-	-	-	-	-	-	-
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

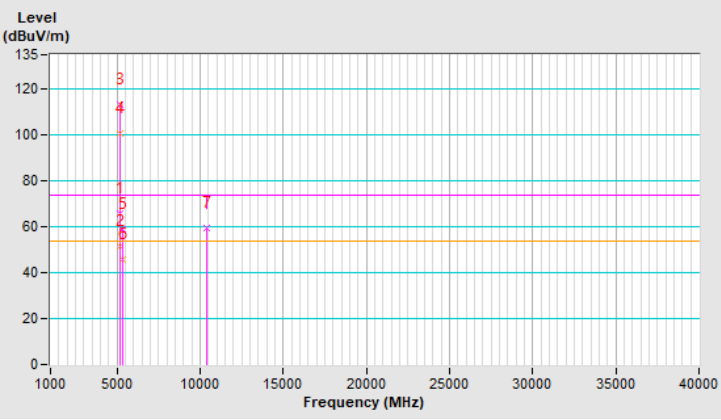


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.9 PK	74.0	-8.1	1.59 V	350	59.3	6.6
2	5150.00	51.4 AV	54.0	-2.6	1.59 V	350	44.8	6.6
3	*5210.00	113.0 PK			1.65 V	349	71.0	42.0
4	*5210.00	100.7 AV			1.65 V	349	58.7	42.0
5	5350.00	58.9 PK	74.0	-15.1	1.50 V	348	52.5	6.4
6	5350.00	45.9 AV	54.0	-8.1	1.50 V	348	39.5	6.4
7	#10420.00	59.3 PK	68.2	-8.9	2.02 V	211	42.1	17.2
8	15630.00	-	-	-	-	-	-	-
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

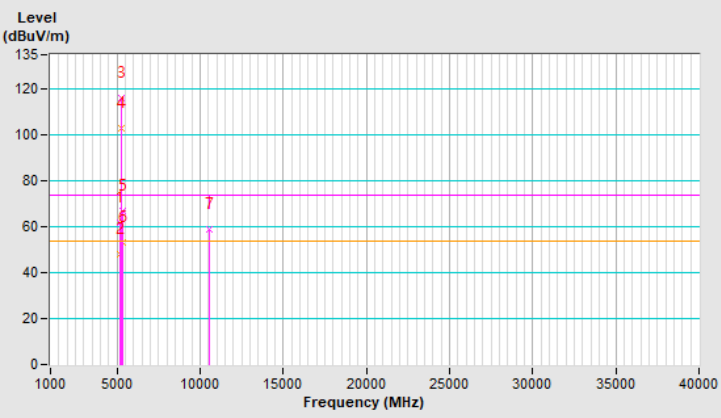


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.0 PK	74.0	-12.0	1.62 H	5	55.4	6.6
2	5150.00	47.8 AV	54.0	-6.2	1.62 H	5	41.2	6.6
3	*5290.00	116.0 PK			1.57 H	345	74.1	41.9
4	*5290.00	103.2 AV			1.57 H	345	61.3	41.9
5	5350.00	66.7 PK	74.0	-7.3	1.60 H	3	60.3	6.4
6	**5350.00**	**53.0 AV**	**54.0**	**-1.0**	**1.60 H**	**3**	**46.6**	**6.4**
7	#10580.00	59.1 PK	68.2	-9.1	1.63 H	329	41.7	17.4
8	15870.00	-	-	-	-	-	-	-
9	21160.00	-	-	-	-	-	-	-
10	#26450.00	-	-	-	-	-	-	-
11	31740.00	-	-	-	-	-	-	-
12	#37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

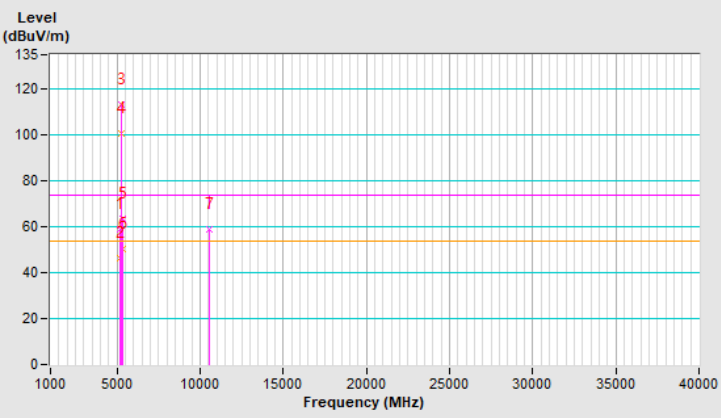


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.8 PK	74.0	-15.2	1.68 V	348	52.2	6.6
2	5150.00	46.1 AV	54.0	-7.9	1.68 V	348	39.5	6.6
3	*5290.00	113.2 PK			1.70 V	350	71.3	41.9
4	*5290.00	100.7 AV			1.70 V	350	58.8	41.9
5	5350.00	63.7 PK	74.0	-10.3	1.66 V	349	57.3	6.4
6	5350.00	50.2 AV	54.0	-3.8	1.66 V	349	43.8	6.4
7	#10580.00	59.0 PK	68.2	-9.2	1.48 V	332	41.6	17.4
8	15870.00	-	-	-	-	-	-	-
9	21160.00	-	-	-	-	-	-	-
10	#26450.00	-	-	-	-	-	-	-
11	31740.00	-	-	-	-	-	-	-
12	#37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

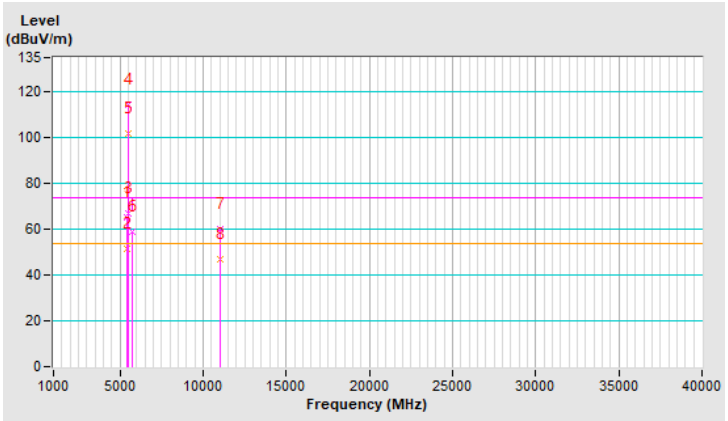


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.3 PK	74.0	-8.7	1.60 H	341	59.0	6.3
2	5460.00	51.5 AV	54.0	-2.5	1.60 H	341	45.2	6.3
3	**#5470.00**	**67.2 PK**	**68.2**	**-1.0**	**1.63 H**	**345**	**60.9**	**6.3**
4	*5530.00	114.6 PK			1.73 H	343	72.5	42.1
5	*5530.00	101.9 AV			1.73 H	343	59.8	42.1
6	#5725.00	59.1 PK	68.2	-9.1	1.62 H	344	52.6	6.5
7	11060.00	60.0 PK	74.0	-14.0	1.43 H	335	41.6	18.4
8	11060.00	47.0 AV	54.0	-7.0	1.43 H	335	28.6	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

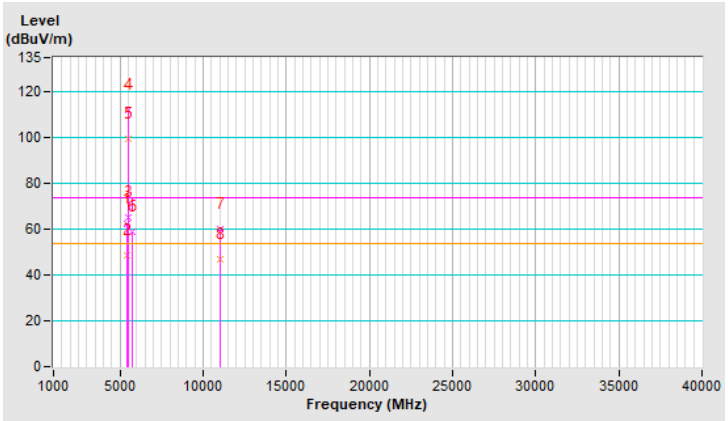


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.2 PK	74.0	-11.8	1.52 V	345	55.9	6.3
2	5460.00	48.8 AV	54.0	-5.2	1.52 V	345	42.5	6.3
3	#5470.00	65.4 PK	68.2	-2.8	1.54 V	349	59.1	6.3
4	*5530.00	111.9 PK			1.56 V	351	69.8	42.1
5	*5530.00	99.8 AV			1.56 V	351	57.7	42.1
6	#5725.00	59.1 PK	68.2	-9.1	1.52 V	349	52.6	6.5
7	11060.00	60.0 PK	74.0	-14.0	1.55 V	347	41.6	18.4
8	11060.00	47.0 AV	54.0	-7.0	1.55 V	347	28.6	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

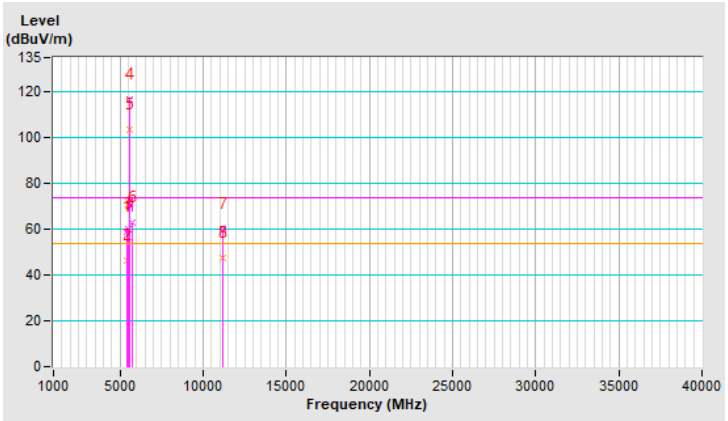


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.2 PK	74.0	-14.8	1.62 H	351	52.9	6.3
2	5460.00	46.3 AV	54.0	-7.7	1.62 H	351	40.0	6.3
3	#5470.00	60.0 PK	68.2	-8.2	1.66 H	352	53.7	6.3
4	*5610.00	116.6 PK			1.70 H	342	74.5	42.1
5	*5610.00	103.6 AV			1.70 H	342	61.5	42.1
6	#5725.00	63.0 PK	68.2	-5.2	1.69 H	356	56.5	6.5
7	11220.00	60.2 PK	74.0	-13.8	1.42 H	334	41.7	18.5
8	11220.00	47.3 AV	54.0	-6.7	1.42 H	334	28.8	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

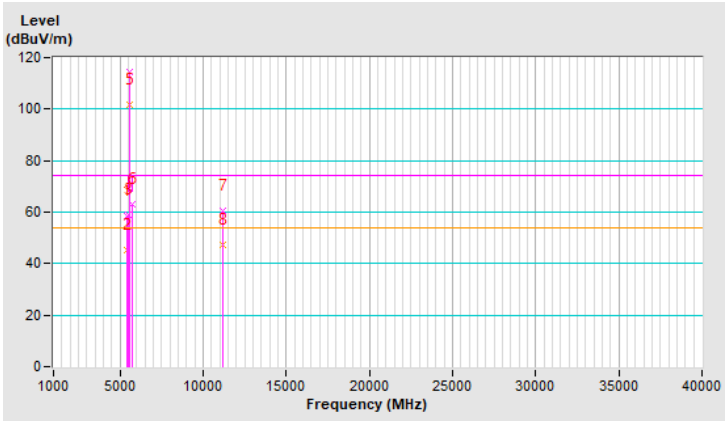


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.5 PK	74.0	-15.5	1.51 V	347	52.2	6.3
2	5460.00	45.2 AV	54.0	-8.8	1.51 V	347	38.9	6.3
3	#5470.00	59.1 PK	68.2	-9.1	1.52 V	349	52.8	6.3
4	*5610.00	114.6 PK			1.54 V	350	72.5	42.1
5	*5610.00	101.9 AV			1.54 V	350	59.8	42.1
6	#5725.00	63.0 PK	68.2	-5.2	1.53 V	346	56.5	6.5
7	11220.00	60.3 PK	74.0	-13.7	1.55 V	349	41.8	18.5
8	11220.00	47.3 AV	54.0	-6.7	1.55 V	349	28.8	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

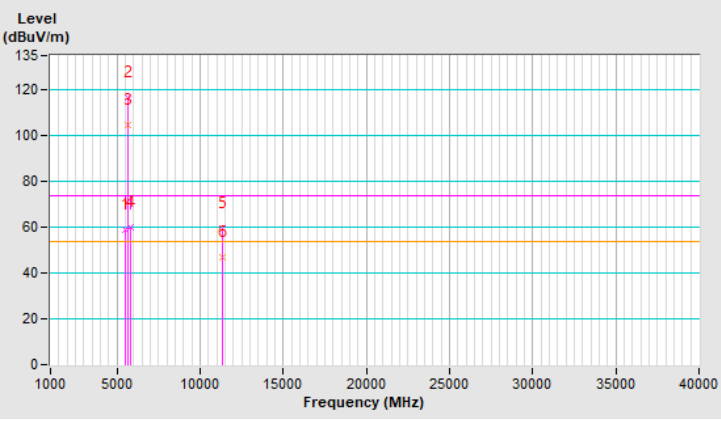


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.9 PK	68.2	-9.3	1.66 H	352	52.6	6.3
2	*5690.00	116.7 PK			1.74 H	358	74.4	42.3
3	*5690.00	104.5 AV			1.74 H	358	62.2	42.3
4	#5850.00	60.0 PK	68.2	-8.2	1.69 H	355	53.2	6.8
5	11380.00	59.6 PK	74.0	-14.4	1.44 H	341	41.8	17.8
6	11380.00	46.7 AV	54.0	-7.3	1.44 H	341	28.9	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

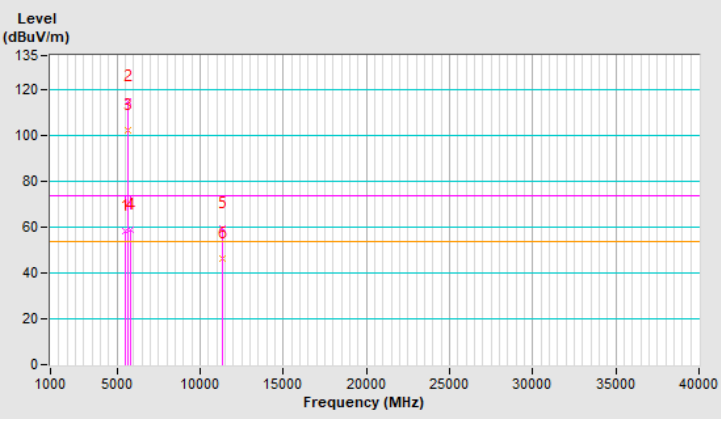


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 11 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.4 PK	68.2	-9.8	1.54 V	344	52.1	6.3
2	*5690.00	115.2 PK			1.56 V	349	72.9	42.3
3	*5690.00	102.3 AV			1.56 V	349	60.0	42.3
4	#5850.00	59.1 PK	68.2	-9.1	1.55 V	345	52.3	6.8
5	11380.00	59.5 PK	74.0	-14.5	1.59 V	351	41.7	17.8
6	11380.00	46.4 AV	54.0	-7.6	1.59 V	351	28.6	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

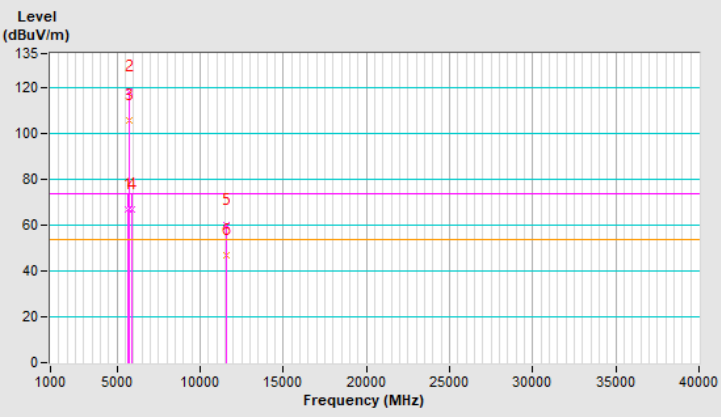


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	66.7 PK	68.2	-1.5	1.77 H	342	60.4	6.3
2	*5775.00	118.2 PK			1.78 H	356	76.0	42.2
3	*5775.00	105.7 AV			1.78 H	356	63.5	42.2
4	#5925.00	67.2 PK	68.2	-1.0	1.55 H	348	59.9	7.3
5	11550.00	60.2 PK	74.0	-13.8	1.37 H	323	42.1	18.1
6	11550.00	47.0 AV	54.0	-7.0	1.37 H	323	28.9	18.1
7	#17325.00	-	-	-	-	-	-	-
8	23100.00	-	-	-	-	-	-	-
9	#28875.00	-	-	-	-	-	-	-
10	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

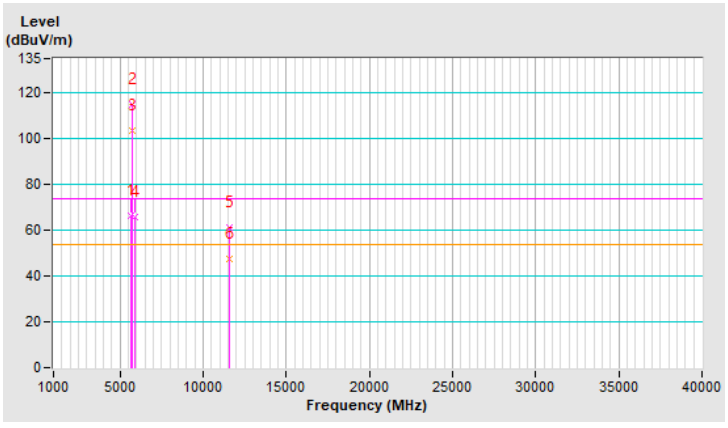


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	66.2 PK	68.2	-2.0	1.57 V	353	59.9	6.3
2	*5775.00	115.2 PK			1.67 V	342	73.0	42.2
3	*5775.00	103.3 AV			1.67 V	342	61.1	42.2
4	#5925.00	66.0 PK	68.2	-2.2	1.69 V	359	58.7	7.3
5	11550.00	61.3 PK	74.0	-12.7	1.74 V	355	43.2	18.1
6	11550.00	47.6 AV	54.0	-6.4	1.74 V	355	29.5	18.1
7	#17325.00	-	-	-	-	-	-	-
8	23100.00	-	-	-	-	-	-	-
9	#28875.00	-	-	-	-	-	-	-
10	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

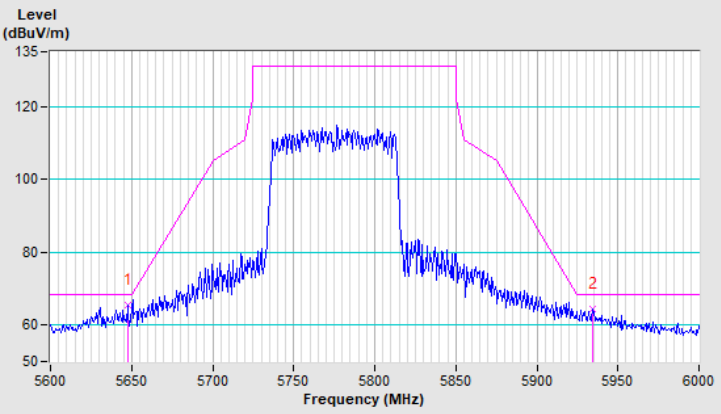


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.44	65.5 PK	68.2	-2.7	1.55 H	350	59.2	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5934.62	64.4 PK	68.2	-3.8	1.55 H	350	57.1	7.3
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

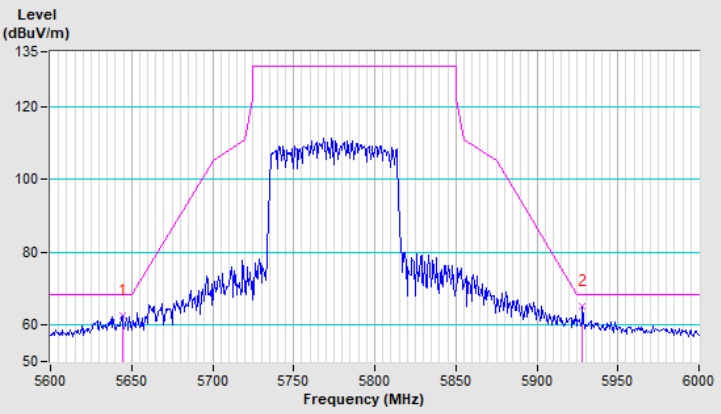


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.23	62.5 PK	68.2	-5.7	1.67 V	342	56.2	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5928.21	65.0 PK	68.2	-3.2	1.67 V	342	57.7	7.3
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



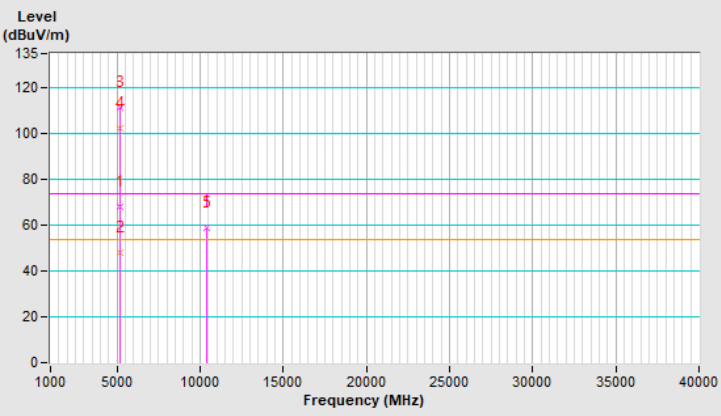
Scanning radio (Radio 3)

操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	67.9 PK	74.0	-6.1	1.48 H	16	61.3	6.6
2	5150.00	48.2 AV	54.0	-5.8	1.48 H	16	41.6	6.6
3	*5180.00	111.7 PK			1.43 H	15	69.5	42.2
4	*5180.00	102.3 AV			1.43 H	15	60.1	42.2
5	#10360.00	58.7 PK	68.2	-9.5	1.96 H	11	42.0	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

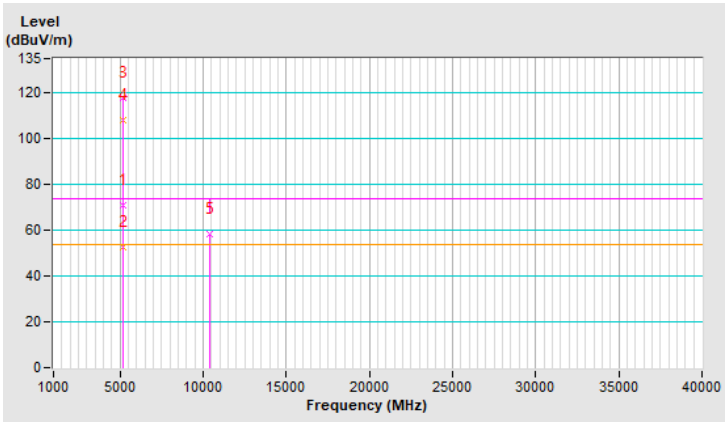


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	71.2 PK	74.0	-2.8	2.30 V	353	64.6	6.6
2	5150.00	52.5 AV	54.0	-1.5	2.30 V	353	45.9	6.6
3	*5180.00	117.7 PK			2.33 V	359	75.5	42.2
4	*5180.00	108.3 AV			2.33 V	359	66.1	42.2
5	#10360.00	58.4 PK	68.2	-9.8	2.22 V	188	41.7	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

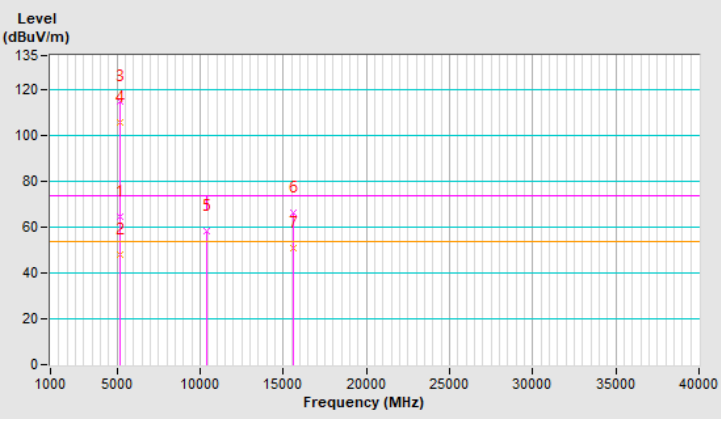


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.6 PK	74.0	-9.4	1.42 H	9	58.0	6.6
2	5150.00	48.1 AV	54.0	-5.9	1.42 H	9	41.5	6.6
3	*5200.00	115.2 PK			1.35 H	10	73.1	42.1
4	*5200.00	105.7 AV			1.35 H	10	63.6	42.1
5	#10400.00	58.5 PK	68.2	-9.7	1.28 H	113	41.6	16.9
6	15600.00	66.3 PK	74.0	-7.7	1.33 H	16	48.5	17.8
7	15600.00	50.8 AV	54.0	-3.2	1.33 H	16	33.0	17.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

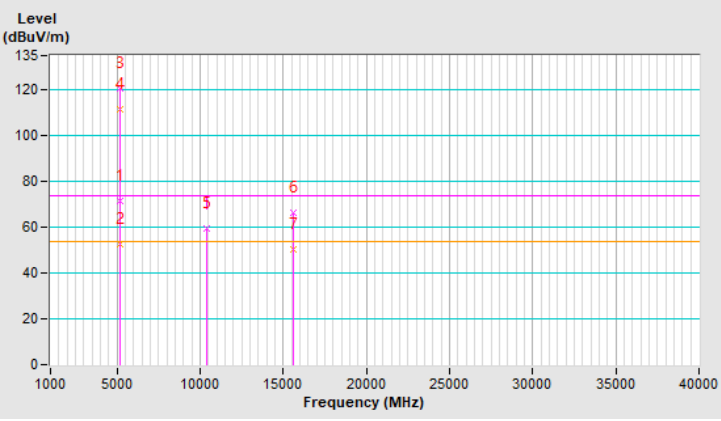


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	71.4 PK	74.0	-2.6	2.24 V	354	64.8	6.6
2	5150.00	52.8 AV	54.0	-1.2	2.24 V	354	46.2	6.6
3	*5200.00	120.6 PK			2.13 V	346	78.5	42.1
4	*5200.00	111.3 AV			2.13 V	346	69.2	42.1
5	#10400.00	59.5 PK	68.2	-8.7	1.96 V	251	42.6	16.9
6	15600.00	66.4 PK	74.0	-7.6	2.31 V	16	48.6	17.8
7	15600.00	50.1 AV	54.0	-3.9	2.31 V	16	32.3	17.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

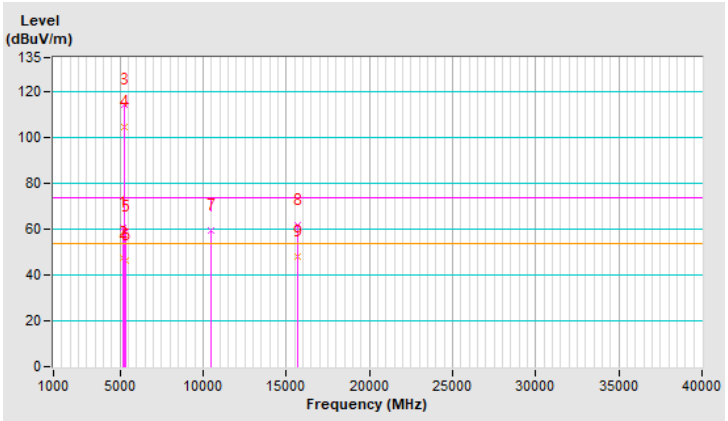


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.4 PK	74.0	-13.6	1.46 H	14	53.8	6.6
2	5150.00	47.6 AV	54.0	-6.4	1.46 H	14	41.0	6.6
3	*5240.00	114.4 PK			1.44 H	7	72.4	42.0
4	*5240.00	104.7 AV			1.44 H	7	62.7	42.0
5	5350.00	58.7 PK	74.0	-15.3	1.37 H	19	52.3	6.4
6	5350.00	46.2 AV	54.0	-7.8	1.37 H	19	39.8	6.4
7	#10480.00	59.3 PK	68.2	-8.9	1.22 H	18	41.6	17.7
8	15720.00	61.7 PK	74.0	-12.3	1.44 H	2	44.7	17.0
9	15720.00	48.0 AV	54.0	-6.0	1.44 H	2	31.0	17.0
10	20960.00	-	-	-	-	-	-	-
11	#26200.00	-	-	-	-	-	-	-
12	31440.00	-	-	-	-	-	-	-
13	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

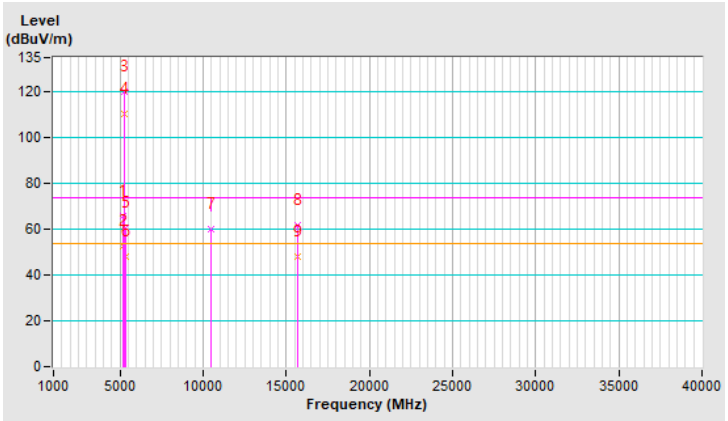


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.9 PK	74.0	-8.1	2.36 V	356	59.3	6.6
2	5150.00	52.9 AV	54.0	-1.1	2.36 V	356	46.3	6.6
3	*5240.00	119.9 PK			2.48 V	355	77.9	42.0
4	*5240.00	110.3 AV			2.48 V	355	68.3	42.0
5	5350.00	60.7 PK	74.0	-13.3	2.35 V	346	54.3	6.4
6	5350.00	47.9 AV	54.0	-6.1	2.35 V	346	41.5	6.4
7	#10480.00	59.9 PK	68.2	-8.3	2.52 V	186	42.2	17.7
8	15720.00	61.7 PK	74.0	-12.3	2.44 V	18	44.7	17.0
9	15720.00	48.0 AV	54.0	-6.0	2.44 V	18	31.0	17.0
10	20960.00	-	-	-	-	-	-	-
11	#26200.00	-	-	-	-	-	-	-
12	31440.00	-	-	-	-	-	-	-
13	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

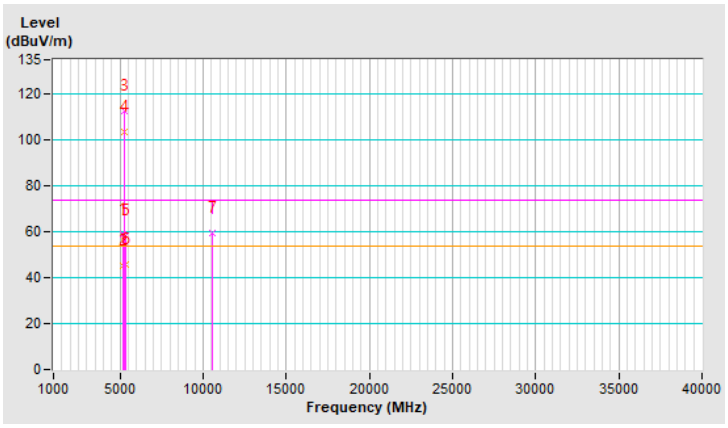


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.47 H	11	52.1	6.6
2	5150.00	45.3 AV	54.0	-8.7	1.47 H	11	38.7	6.6
3	*5260.00	112.6 PK			1.43 H	6	70.7	41.9
4	*5260.00	103.4 AV			1.43 H	6	61.5	41.9
5	5350.00	58.1 PK	74.0	-15.9	1.45 H	10	51.7	6.4
6	5350.00	45.6 AV	54.0	-8.4	1.45 H	10	39.2	6.4
7	#10520.00	59.3 PK	68.2	-8.9	1.82 H	335	41.7	17.6
8	15780.00	-	-	-	-	-	-	-
9	21040.00	-	-	-	-	-	-	-
10	#26300.00	-	-	-	-	-	-	-
11	31560.00	-	-	-	-	-	-	-
12	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

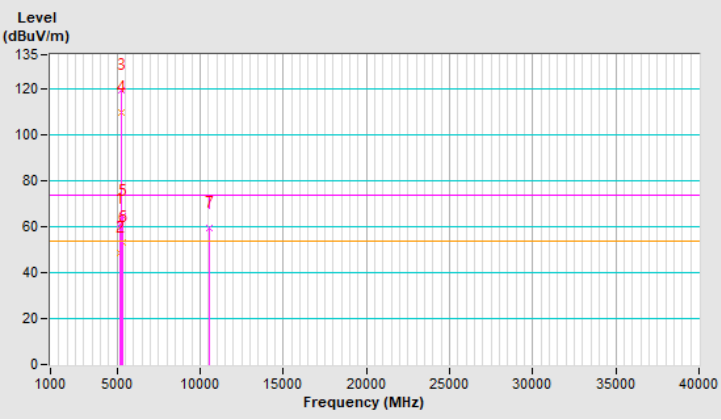


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.1 PK	74.0	-12.9	1.35 V	336	54.5	6.6
2	5150.00	48.5 AV	54.0	-5.5	1.35 V	336	41.9	6.6
3	*5260.00	119.5 PK			1.31 V	329	77.6	41.9
4	*5260.00	109.9 AV			1.31 V	329	68.0	41.9
5	5350.00	64.8 PK	74.0	-9.2	1.48 V	332	58.4	6.4
6	5350.00	53.0 AV	54.0	-1.0	1.48 V	332	46.6	6.4
7	#10520.00	59.3 PK	68.2	-8.9	1.52 V	334	41.7	17.6
8	15780.00	-	-	-	-	-	-	-
9	21040.00	-	-	-	-	-	-	-
10	#26300.00	-	-	-	-	-	-	-
11	31560.00	-	-	-	-	-	-	-
12	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

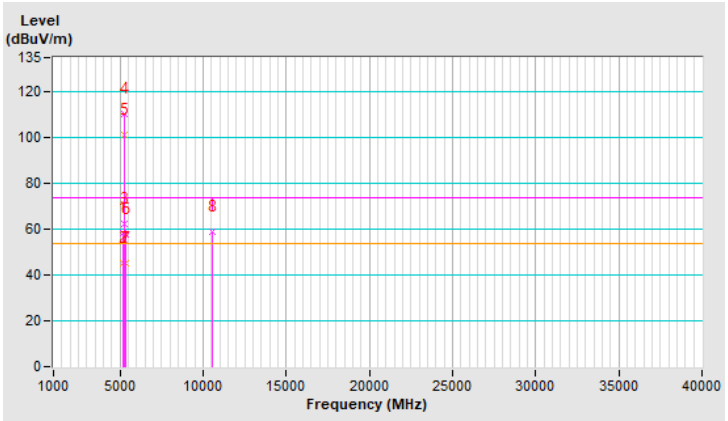


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.1 PK	74.0	-15.9	1.38 H	13	51.5	6.6
2	5150.00	45.2 AV	54.0	-8.8	1.38 H	13	38.6	6.6
3	5250.00	62.3 PK	68.2	-5.9	1.41 H	11	56.2	6.1
4	*5280.00	110.6 PK			1.42 H	9	68.7	41.9
5	*5280.00	101.5 AV			1.42 H	9	59.6	41.9
6	5350.00	58.0 PK	74.0	-16.0	1.44 H	8	51.6	6.4
7	5350.00	45.0 AV	54.0	-9.0	1.44 H	8	38.6	6.4
8	#10560.00	59.0 PK	68.2	-9.2	1.75 H	332	41.5	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

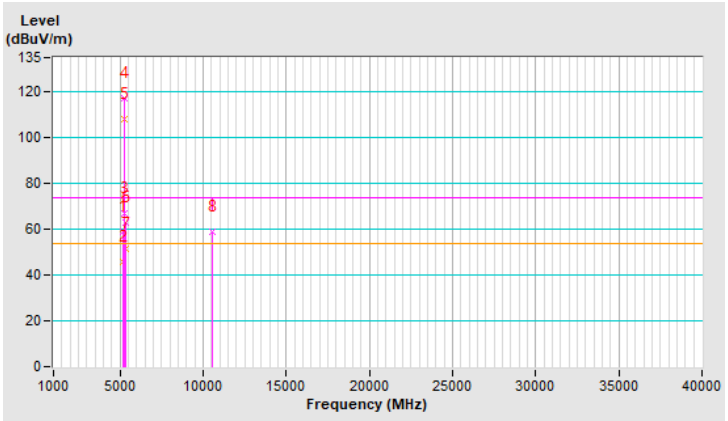


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.62 V	335	52.1	6.6
2	5150.00	45.9 AV	54.0	-8.1	1.62 V	335	39.3	6.6
3	5250.00	67.0 PK	68.2	-1.2	1.64 V	327	60.9	6.1
4	*5280.00	117.5 PK			1.22 V	334	75.6	41.9
5	*5280.00	108.3 AV			1.22 V	334	66.4	41.9
6	5350.00	63.0 PK	74.0	-11.0	1.75 V	330	56.6	6.4
7	5350.00	51.4 AV	54.0	-2.6	1.75 V	330	45.0	6.4
8	#10560.00	59.2 PK	68.2	-9.0	1.55 V	338	41.7	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

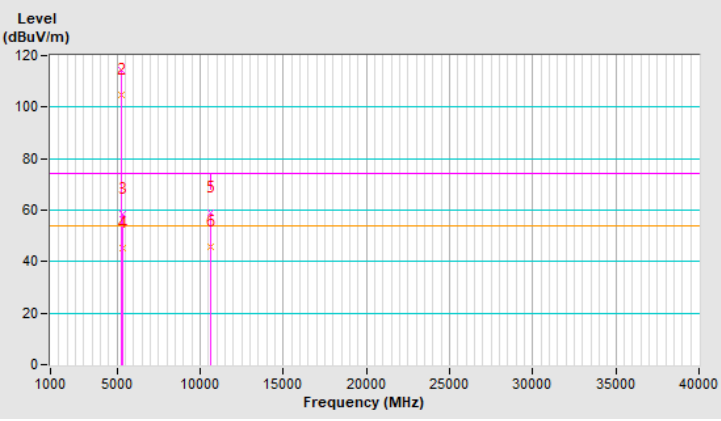


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	114.6 PK			1.38 H	5	72.7	41.9
2	*5300.00	105.0 AV			1.38 H	5	63.1	41.9
3	5350.00	58.4 PK	74.0	-15.6	1.42 H	11	52.0	6.4
4	5350.00	45.5 AV	54.0	-8.5	1.42 H	11	39.1	6.4
5	10600.00	58.9 PK	68.2	-9.3	1.75 H	338	41.7	17.2
6	10600.00	45.7 AV	54.0	-8.3	1.75 H	338	28.5	17.2
7	15900.00	-	-	-	-	-	-	-
8	21200.00	-	-	-	-	-	-	-
9	#26500.00	-	-	-	-	-	-	-
10	31800.00	-	-	-	-	-	-	-
11	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

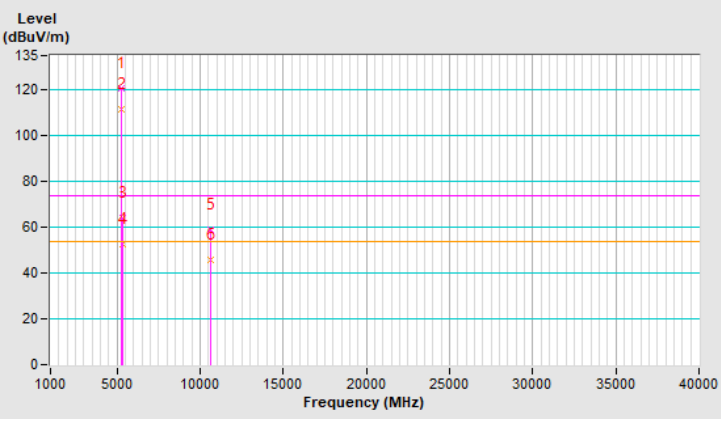


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	120.7 PK			1.51 V	328	78.8	41.9
2	*5300.00	111.8 AV			1.51 V	328	69.9	41.9
3	5350.00	63.9 PK	74.0	-10.1	1.69 V	331	57.5	6.4
4	5350.00	52.8 AV	54.0	-1.2	1.69 V	331	46.4	6.4
5	10600.00	58.8 PK	74.0	-15.2	1.55 V	338	41.6	17.2
6	10600.00	45.9 AV	54.0	-8.1	1.55 V	338	28.7	17.2
7	15900.00	-	-	-	-	-	-	-
8	21200.00	-	-	-	-	-	-	-
9	#26500.00	-	-	-	-	-	-	-
10	31800.00	-	-	-	-	-	-	-
11	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

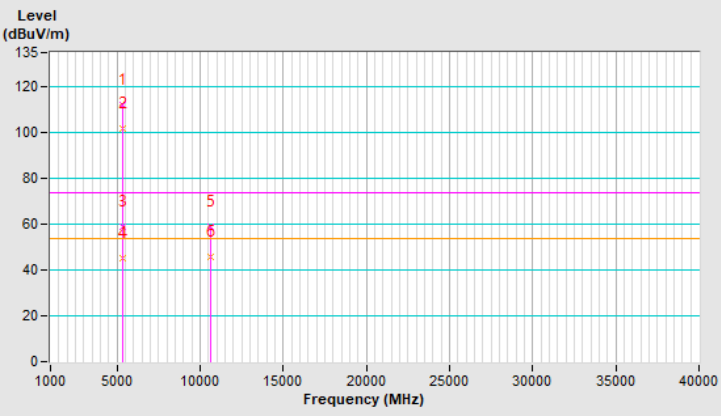


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.1 PK			1.49 H	4	70.1	42.0
2	*5320.00	101.8 AV			1.49 H	4	59.8	42.0
3	5350.00	59.0 PK	74.0	-15.0	1.47 H	10	52.6	6.4
4	5350.00	45.3 AV	54.0	-8.7	1.47 H	10	38.9	6.4
5	10640.00	59.0 PK	74.0	-15.0	1.95 H	334	41.6	17.4
6	10640.00	46.0 AV	54.0	-8.0	1.95 H	334	28.6	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

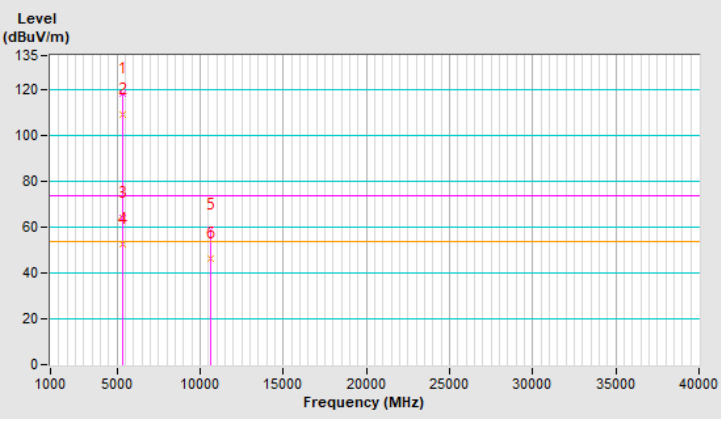


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	118.5 PK			1.34 V	331	76.5	42.0
2	*5320.00	109.3 AV			1.34 V	331	67.3	42.0
3	5350.00	64.2 PK	74.0	-9.8	1.62 V	331	57.8	6.4
4	5350.00	52.7 AV	54.0	-1.3	1.62 V	331	46.3	6.4
5	10640.00	59.0 PK	74.0	-15.0	1.55 V	338	41.6	17.4
6	10640.00	46.2 AV	54.0	-7.8	1.55 V	338	28.8	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

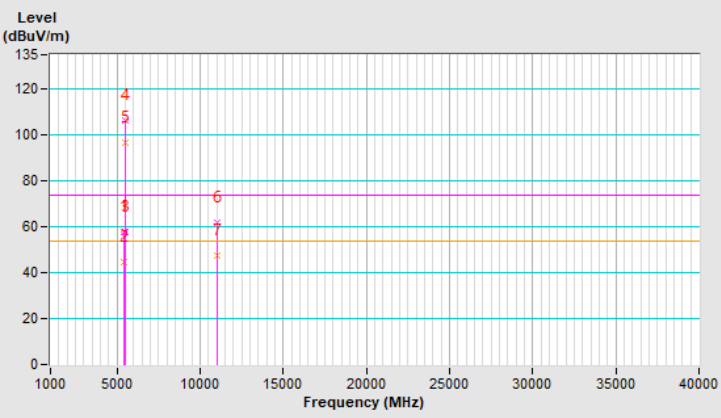


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	1.69 H	7	51.2	6.3
2	5460.00	44.5 AV	54.0	-9.5	1.69 H	7	38.2	6.3
3	#5470.00	57.6 PK	68.2	-10.6	1.72 H	10	51.3	6.3
4	*5500.00	106.2 PK			1.74 H	8	64.1	42.1
5	*5500.00	96.9 AV			1.74 H	8	54.8	42.1
6	11000.00	61.6 PK	74.0	-12.4	1.69 H	327	43.0	18.6
7	11000.00	47.5 AV	54.0	-6.5	1.69 H	327	28.9	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

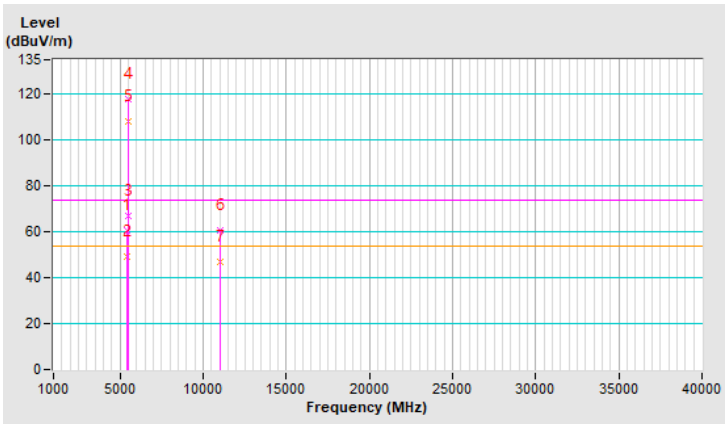


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.9 PK	74.0	-13.1	1.32 V	340	54.6	6.3
2	5460.00	49.4 AV	54.0	-4.6	1.32 V	340	43.1	6.3
3	#5470.00	67.2 PK	68.2	-1.0	1.33 V	332	60.9	6.3
4	*5500.00	118.0 PK			1.48 V	332	75.9	42.1
5	*5500.00	108.3 AV			1.48 V	332	66.2	42.1
6	11000.00	60.6 PK	74.0	-13.4	1.55 V	332	42.0	18.6
7	11000.00	47.1 AV	54.0	-6.9	1.55 V	332	28.5	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

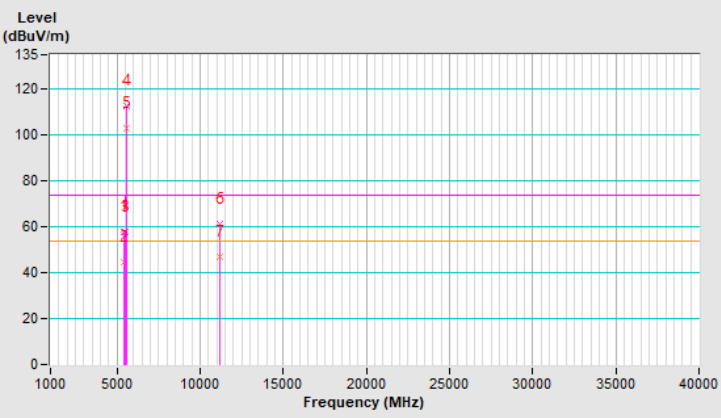


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.9 PK	74.0	-16.1	1.82 H	24	51.6	6.3
2	5460.00	44.6 AV	54.0	-9.4	1.82 H	24	38.3	6.3
3	#5470.00	57.9 PK	68.2	-10.3	1.88 H	17	51.6	6.3
4	*5580.00	112.5 PK			1.92 H	23	70.4	42.1
5	*5580.00	102.8 AV			1.92 H	23	60.7	42.1
6	11160.00	61.0 PK	74.0	-13.0	1.83 H	308	42.5	18.5
7	11160.00	46.9 AV	54.0	-7.1	1.83 H	308	28.4	18.5
8	#16740.00	-	-	-	-	-	-	-
9	22320.00	-	-	-	-	-	-	-
10	#27900.00	-	-	-	-	-	-	-
11	#33480.00	-	-	-	-	-	-	-
12	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

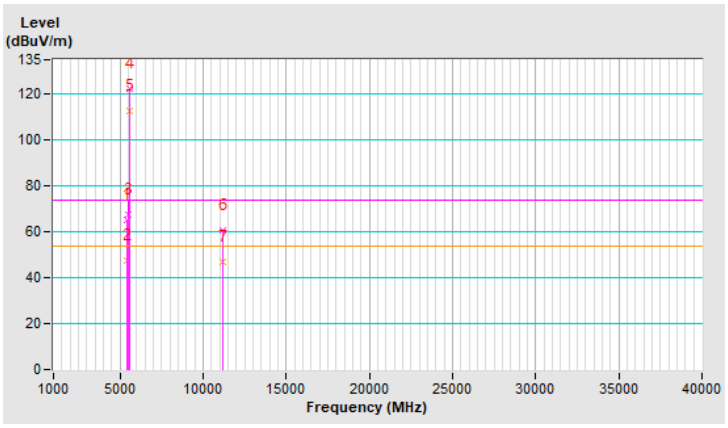


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.0 PK	74.0	-9.0	1.50 V	317	58.7	6.3
2	5460.00	47.3 AV	54.0	-6.7	1.50 V	317	41.0	6.3
3	**#5470.00**	**67.5 PK**	**68.2**	**-0.7**	**1.54 V**	**328**	**61.2**	**6.3**
4	*5580.00	122.5 PK			1.46 V	331	80.4	42.1
5	*5580.00	112.9 AV			1.46 V	331	70.8	42.1
6	11160.00	60.8 PK	74.0	-13.2	1.62 V	318	42.3	18.5
7	11160.00	46.8 AV	54.0	-7.2	1.62 V	318	28.3	18.5
8	#16740.00	-	-	-	-	-	-	-
9	22320.00	-	-	-	-	-	-	-
10	#27900.00	-	-	-	-	-	-	-
11	#33480.00	-	-	-	-	-	-	-
12	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

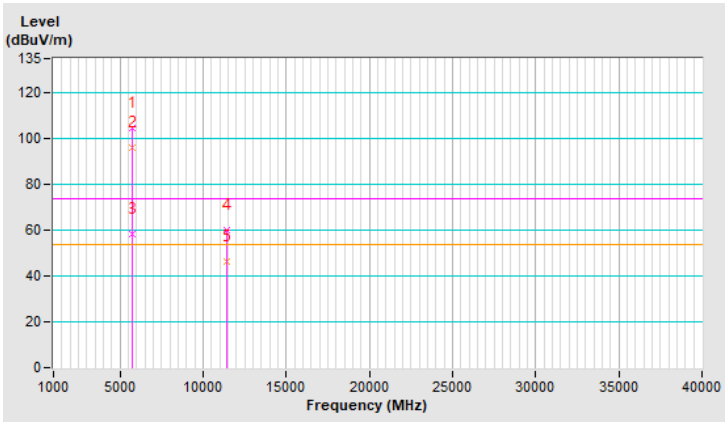


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	104.7 PK			1.94 H	20	62.4	42.3
2	*5700.00	96.1 AV			1.94 H	20	53.8	42.3
3	#5725.00	58.4 PK	68.2	-9.8	1.93 H	18	51.9	6.5
4	11400.00	60.2 PK	74.0	-13.8	1.79 H	350	42.3	17.9
5	11400.00	46.4 AV	54.0	-7.6	1.79 H	350	28.5	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

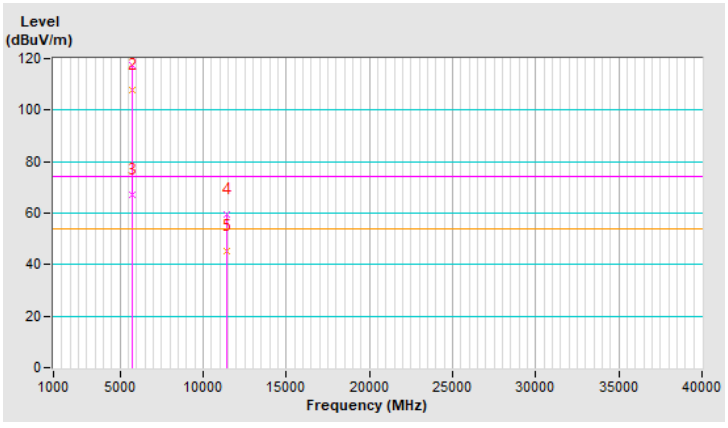


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.7 PK			1.42 V	332	75.4	42.3
2	*5700.00	107.6 AV			1.42 V	332	65.3	42.3
3	#5725.00	67.1 PK	68.2	-1.1	1.37 V	350	60.6	6.5
4	11400.00	59.4 PK	74.0	-14.6	1.77 V	318	41.5	17.9
5	11400.00	45.5 AV	54.0	-8.5	1.77 V	318	27.6	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

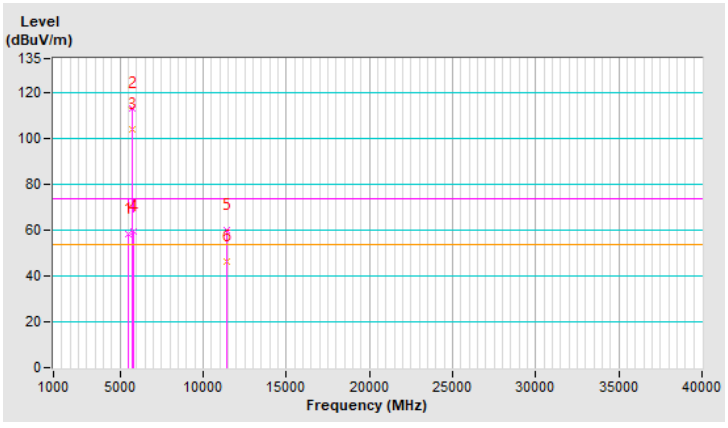


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.6 PK	68.2	-9.6	1.82 H	15	52.3	6.3
2	*5720.00	113.0 PK			1.96 H	17	70.8	42.2
3	*5720.00	103.9 AV			1.96 H	17	61.7	42.2
4	#5850.00	59.3 PK	68.2	-8.9	1.90 H	20	52.5	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.76 H	337	41.9	18.0
6	11440.00	46.2 AV	54.0	-7.8	1.76 H	337	28.2	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

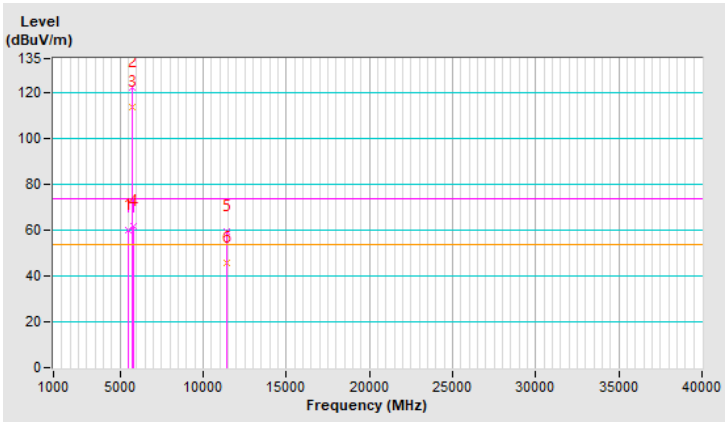


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.9 PK	68.2	-8.3	1.33 V	349	53.6	6.3
2	*5720.00	122.6 PK			1.31 V	331	80.4	42.2
3	*5720.00	114.0 AV			1.31 V	331	71.8	42.2
4	#5850.00	61.5 PK	68.2	-6.7	1.34 V	331	54.7	6.8
5	11440.00	59.6 PK	74.0	-14.4	1.80 V	302	41.6	18.0
6	11440.00	45.9 AV	54.0	-8.1	1.80 V	302	27.9	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

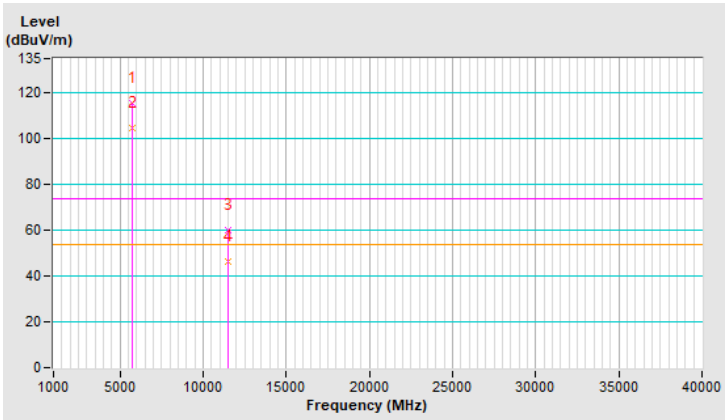


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	115.3 PK			3.64 H	1	73.1	42.2
2	*5745.00	104.6 AV			3.64 H	1	62.4	42.2
3	11490.00	59.9 PK	74.0	-14.1	1.93 H	33	41.6	18.3
4	11490.00	46.4 AV	54.0	-7.6	1.93 H	33	28.1	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

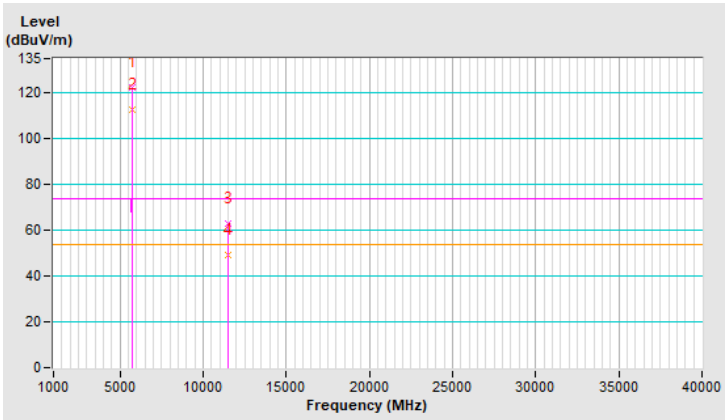


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	122.5 PK			1.49 V	332	80.3	42.2
2	*5745.00	112.6 AV			1.49 V	332	70.4	42.2
3	11490.00	62.8 PK	74.0	-11.2	1.43 V	345	44.5	18.3
4	11490.00	49.3 AV	54.0	-4.7	1.43 V	345	31.0	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

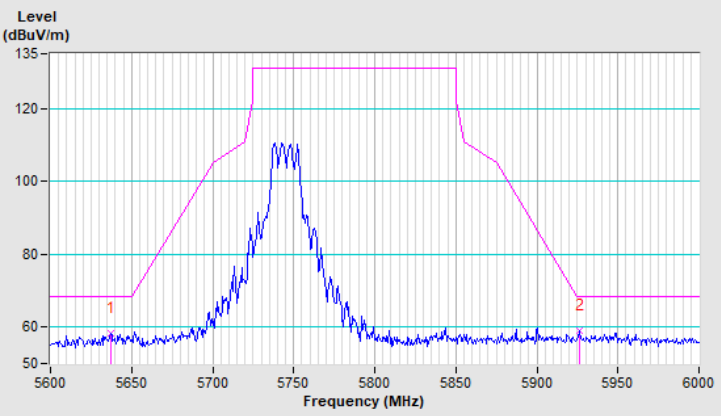


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.18	58.3 PK	68.2	-9.9	3.64 H	1	52.0	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5926.28	59.1 PK	68.2	-9.1	3.64 H	1	51.8	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

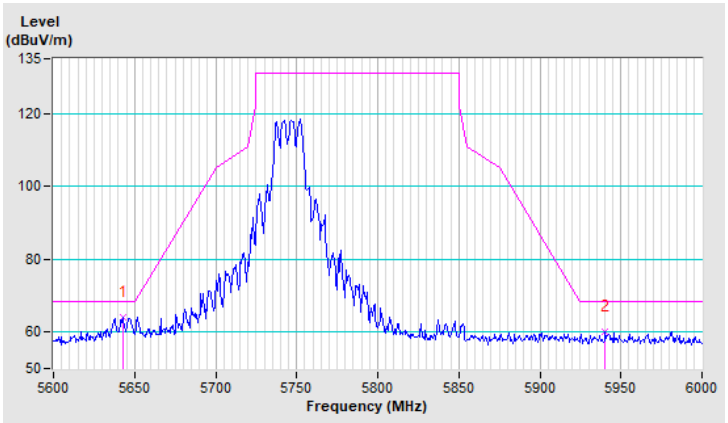


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.95	64.0 PK	68.2	-4.2	1.49 V	331	57.7	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5940.38	60.1 PK	68.2	-8.1	1.49 V	331	52.8	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

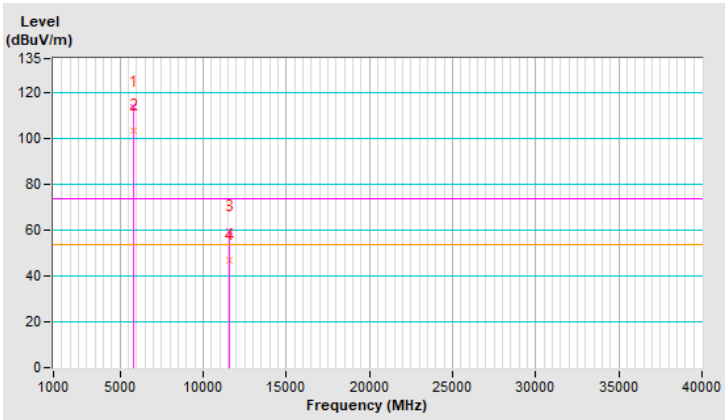


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	113.6 PK			3.59 H	359	71.4	42.2
2	*5785.00	103.8 AV			3.59 H	359	61.6	42.2
3	11570.00	59.3 PK	74.0	-14.7	2.09 H	39	41.3	18.0
4	11570.00	47.0 AV	54.0	-7.0	2.09 H	39	29.0	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	121.0 PK			2.21 V	333	78.8	42.2
2	*5785.00	111.5 AV			2.21 V	333	69.3	42.2
3	11570.00	59.7 PK	74.0	-14.3	1.46 V	13	41.7	18.0
4	11570.00	47.4 AV	54.0	-6.6	1.46 V	13	29.4	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
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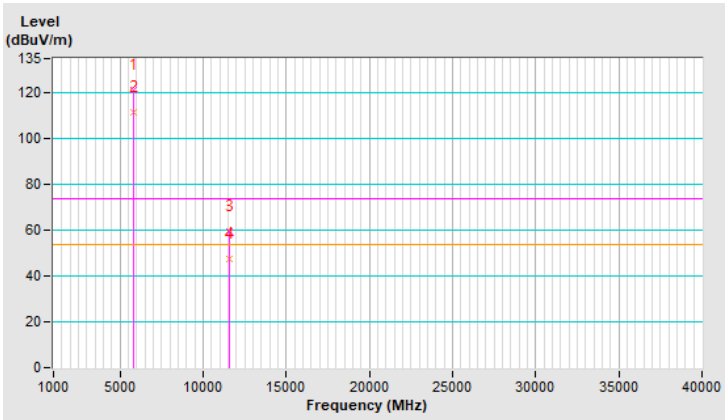
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

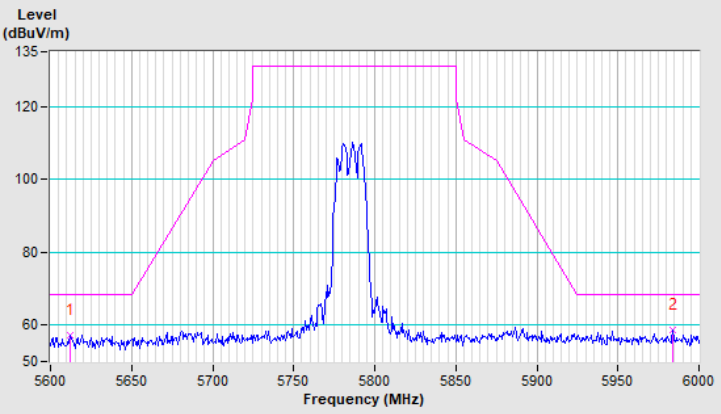


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5612.18	57.3 PK	68.2	-10.9	3.59 H	359	51.1	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5983.97	58.5 PK	68.2	-9.7	3.59 H	359	51.3	7.2
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

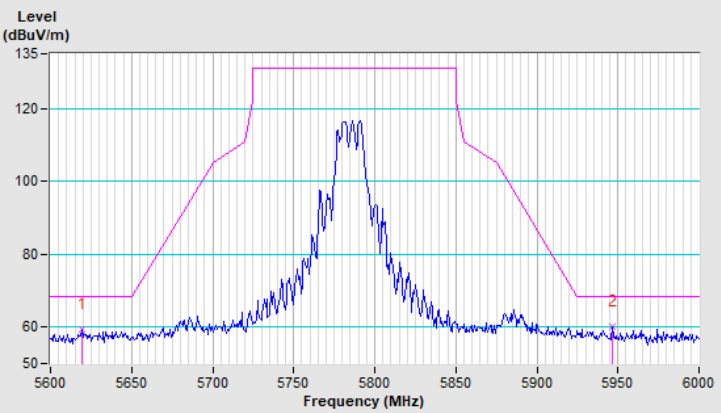


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5619.23	59.4 PK	68.2	-8.8	2.21 V	333	53.2	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5946.79	60.2 PK	68.2	-8.0	2.21 V	333	52.9	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

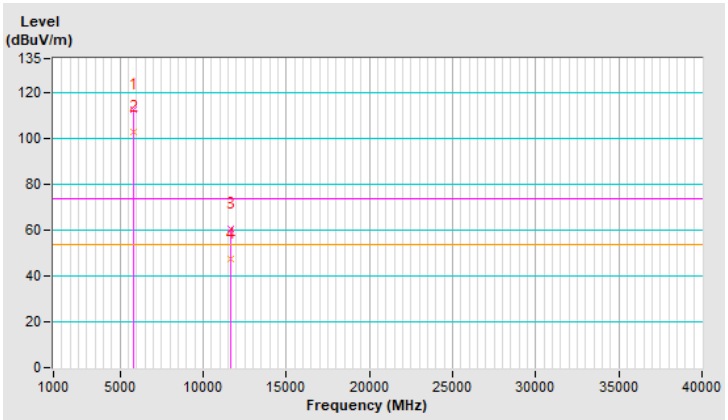


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	112.5 PK			3.73 H	5	70.2	42.3
2	*5825.00	102.9 AV			3.73 H	5	60.6	42.3
3	11650.00	60.9 PK	74.0	-13.1	2.01 H	29	42.9	18.0
4	11650.00	47.5 AV	54.0	-6.5	2.01 H	29	29.5	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

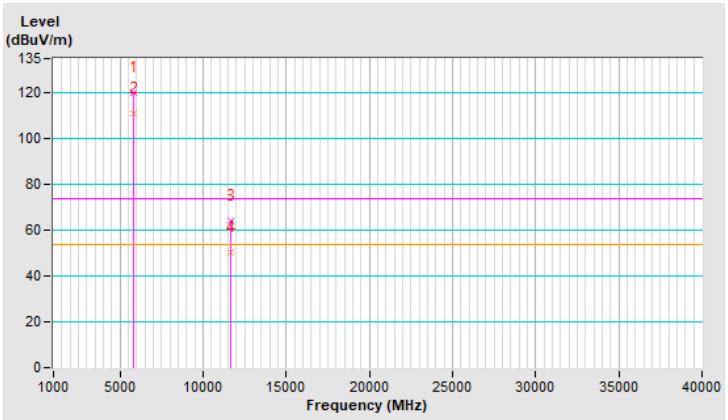


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	120.1 PK			2.09 V	330	77.8	42.3
2	*5825.00	110.7 AV			2.09 V	330	68.4	42.3
3	11650.00	63.8 PK	74.0	-10.2	1.56 V	0	45.8	18.0
4	11650.00	50.6 AV	54.0	-3.4	1.56 V	0	32.6	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

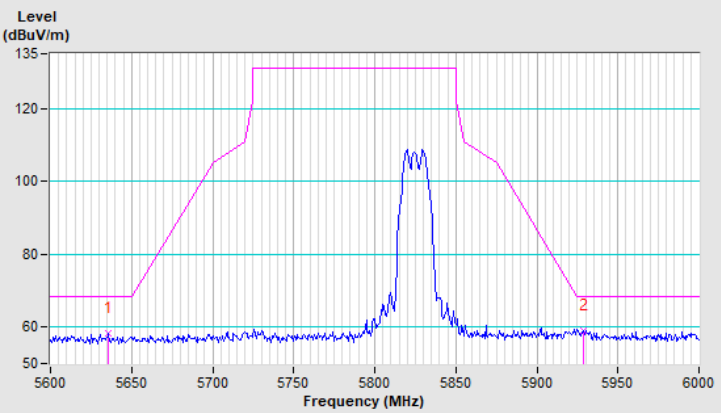


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.90	58.4 PK	68.2	-9.8	3.73 H	5	52.1	6.3
2	*5825.00	-	-	-	-	-	-	-
3	#5928.85	59.0 PK	68.2	-9.2	3.73 H	5	51.7	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

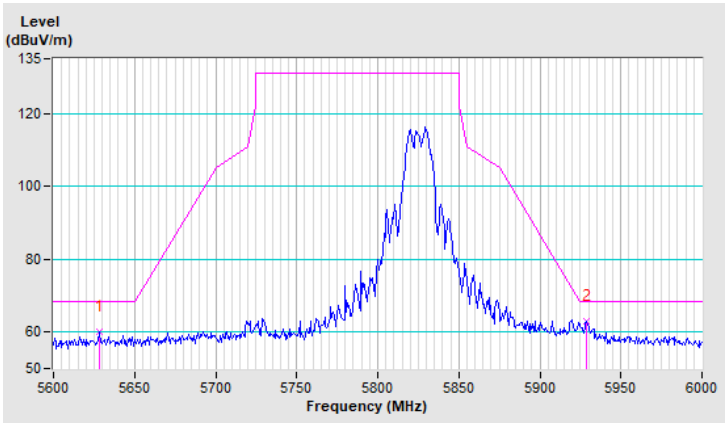


操 作 模 式 ：	發射 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.21	60.2 PK	68.2	-8.0	2.09 V	330	54.0	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5928.85	62.8 PK	68.2	-5.4	2.09 V	330	55.5	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

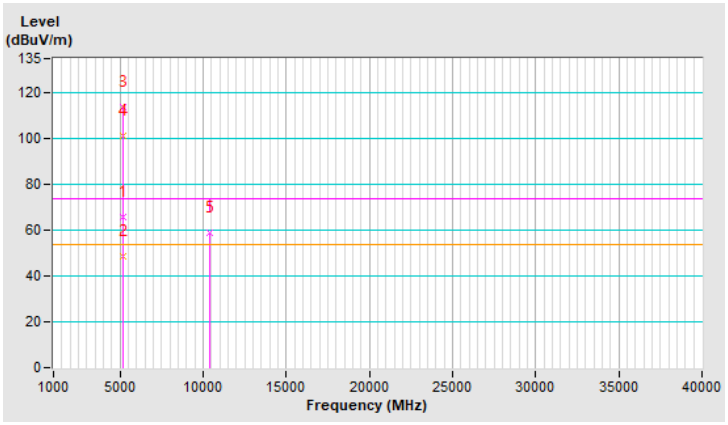


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.6 PK	74.0	-8.4	1.48 H	11	59.0	6.6
2	5150.00	48.7 AV	54.0	-5.3	1.48 H	11	42.1	6.6
3	*5180.00	113.6 PK			1.56 H	16	71.4	42.2
4	*5180.00	101.1 AV			1.56 H	16	58.9	42.2
5	#10360.00	59.1 PK	68.2	-9.1	1.88 H	203	42.4	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

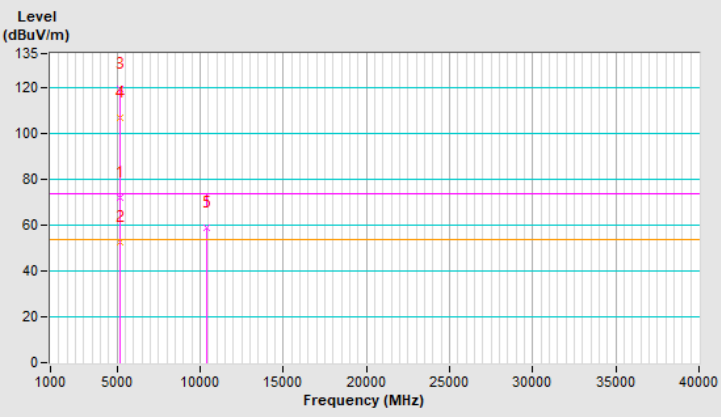


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	71.9 PK	74.0	-2.1	1.55 V	336	65.3	6.6
2	5150.00	52.9 AV	54.0	-1.1	1.55 V	336	46.3	6.6
3	*5180.00	119.4 PK			1.59 V	336	77.2	42.2
4	*5180.00	106.9 AV			1.59 V	336	64.7	42.2
5	#10360.00	59.1 PK	68.2	-9.1	1.83 V	264	42.4	16.7
6	15540.00	-	-	-	-	-	-	-
7	20720.00	-	-	-	-	-	-	-
8	#25900.00	-	-	-	-	-	-	-
9	#31080.00	-	-	-	-	-	-	-
10	#36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

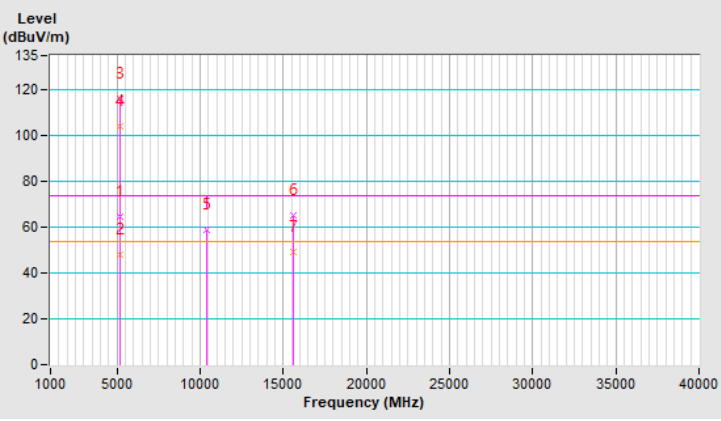


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.6 PK	74.0	-9.4	1.39 H	13	58.0	6.6
2	5150.00	47.9 AV	54.0	-6.1	1.39 H	13	41.3	6.6
3	*5200.00	116.1 PK			1.48 H	11	74.0	42.1
4	*5200.00	103.9 AV			1.48 H	11	61.8	42.1
5	#10400.00	59.0 PK	68.2	-9.2	1.49 H	22	42.1	16.9
6	15600.00	65.3 PK	74.0	-8.7	1.36 H	16	47.5	17.8
7	15600.00	49.4 AV	54.0	-4.6	1.36 H	16	31.6	17.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

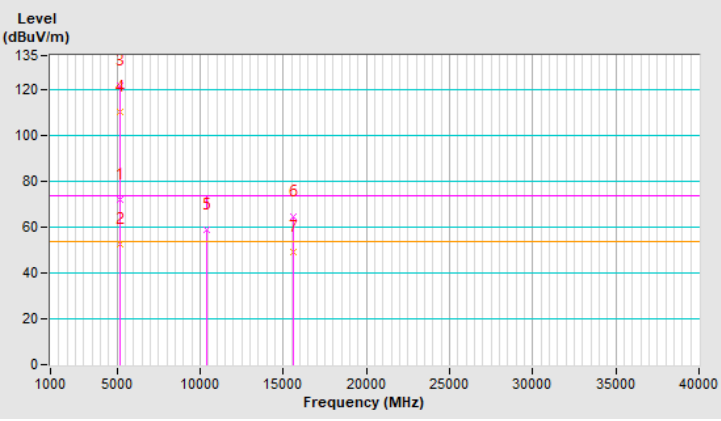


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.1 PK	74.0	-1.9	1.54 V	336	65.5	6.6
2	5150.00	52.6 AV	54.0	-1.4	1.54 V	336	46.0	6.6
3	*5200.00	122.0 PK			1.29 V	331	79.9	42.1
4	*5200.00	110.2 AV			1.29 V	331	68.1	42.1
5	#10400.00	59.2 PK	68.2	-9.0	2.26 V	219	42.3	16.9
6	15600.00	64.6 PK	74.0	-9.4	2.17 V	12	46.8	17.8
7	15600.00	49.0 AV	54.0	-5.0	2.17 V	12	31.2	17.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

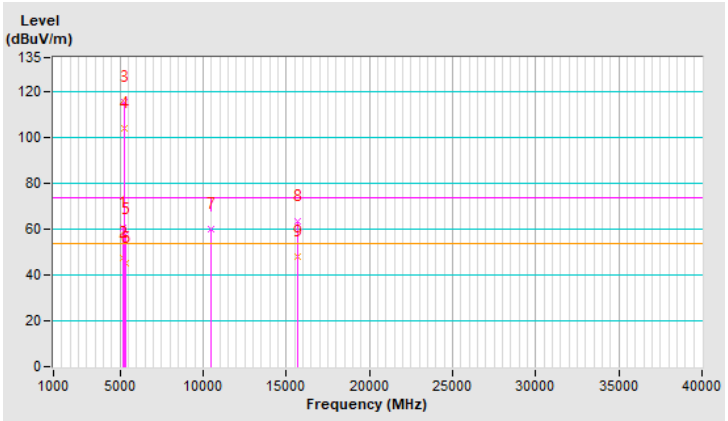


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.6 PK	74.0	-13.4	1.35 H	12	54.0	6.6
2	5150.00	47.6 AV	54.0	-6.4	1.35 H	12	41.0	6.6
3	*5240.00	115.7 PK			1.32 H	6	73.7	42.0
4	*5240.00	104.0 AV			1.32 H	6	62.0	42.0
5	5350.00	57.9 PK	74.0	-16.1	1.28 H	3	51.5	6.4
6	5350.00	45.4 AV	54.0	-8.6	1.28 H	3	39.0	6.4
7	#10480.00	60.0 PK	68.2	-8.2	1.88 H	210	42.3	17.7
8	15720.00	63.3 PK	74.0	-10.7	1.44 H	2	46.3	17.0
9	15720.00	47.9 AV	54.0	-6.1	1.44 H	2	30.9	17.0
10	20960.00	-	-	-	-	-	-	-
11	#26200.00	-	-	-	-	-	-	-
12	31440.00	-	-	-	-	-	-	-
13	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

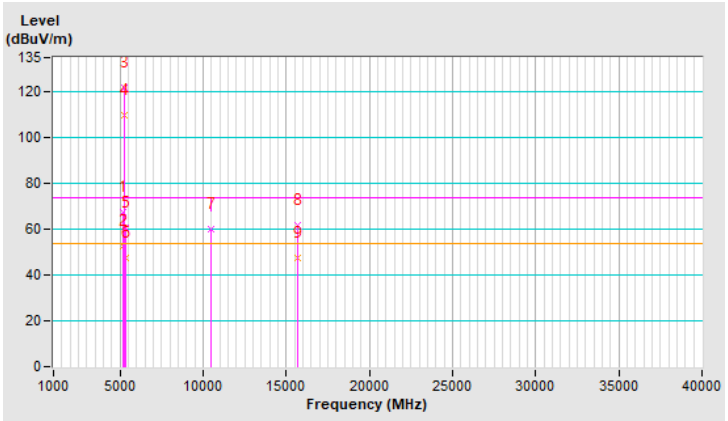


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	67.6 PK	74.0	-6.4	2.25 V	358	61.0	6.6
2	5150.00	52.4 AV	54.0	-1.6	2.25 V	358	45.8	6.6
3	*5240.00	121.8 PK			2.37 V	355	79.8	42.0
4	*5240.00	109.8 AV			2.37 V	355	67.8	42.0
5	5350.00	60.9 PK	74.0	-13.1	2.08 V	319	54.5	6.4
6	5350.00	47.6 AV	54.0	-6.4	2.08 V	319	41.2	6.4
7	#10480.00	59.9 PK	68.2	-8.3	1.99 V	183	42.2	17.7
8	15720.00	61.8 PK	74.0	-12.2	2.38 V	17	44.8	17.0
9	15720.00	47.3 AV	54.0	-6.7	2.38 V	17	30.3	17.0
10	20960.00	-	-	-	-	-	-	-
11	#26200.00	-	-	-	-	-	-	-
12	31440.00	-	-	-	-	-	-	-
13	#36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

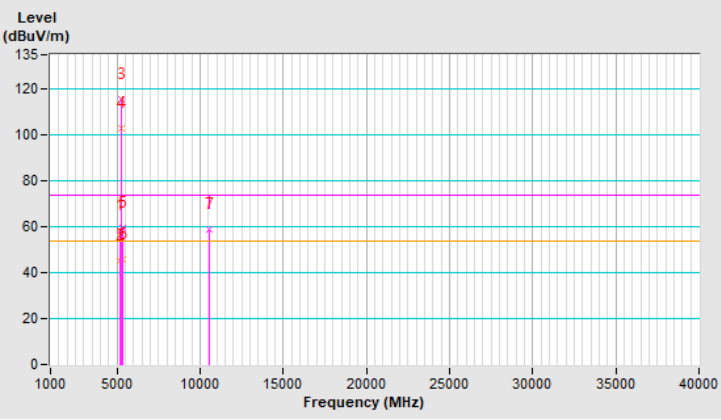


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.2 PK	74.0	-15.8	1.41 H	12	51.6	6.6
2	5150.00	45.2 AV	54.0	-8.8	1.41 H	12	38.6	6.6
3	*5260.00	115.6 PK			1.37 H	9	73.7	41.9
4	*5260.00	102.7 AV			1.37 H	9	60.8	41.9
5	5350.00	59.3 PK	74.0	-14.7	1.39 H	10	52.9	6.4
6	5350.00	45.8 AV	54.0	-8.2	1.39 H	10	39.4	6.4
7	#10520.00	59.2 PK	68.2	-9.0	1.68 H	334	41.6	17.6
8	15780.00	-	-	-	-	-	-	-
9	21040.00	-	-	-	-	-	-	-
10	#26300.00	-	-	-	-	-	-	-
11	31560.00	-	-	-	-	-	-	-
12	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

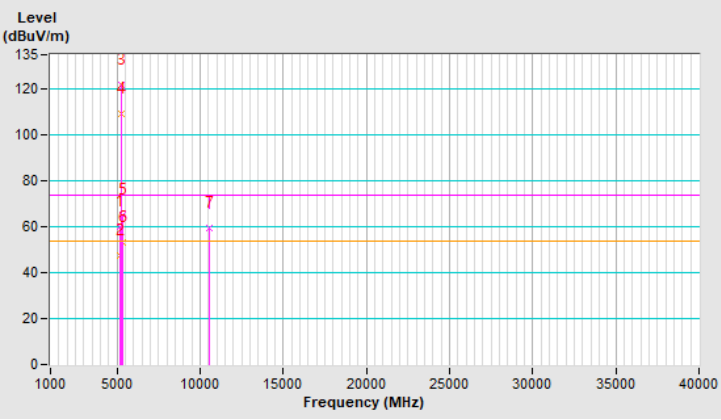


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.2 PK	74.0	-13.8	1.48 V	335	53.6	6.6
2	5150.00	47.6 AV	54.0	-6.4	1.48 V	335	41.0	6.6
3	*5260.00	122.0 PK			1.36 V	328	80.1	41.9
4	*5260.00	109.3 AV			1.36 V	328	67.4	41.9
5	5350.00	65.4 PK	74.0	-8.6	1.53 V	332	59.0	6.4
6	5350.00	53.0 AV	54.0	-1.0	1.53 V	332	46.6	6.4
7	#10520.00	59.4 PK	68.2	-8.8	1.55 V	339	41.8	17.6
8	15780.00	-	-	-	-	-	-	-
9	21040.00	-	-	-	-	-	-	-
10	#26300.00	-	-	-	-	-	-	-
11	31560.00	-	-	-	-	-	-	-
12	#36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

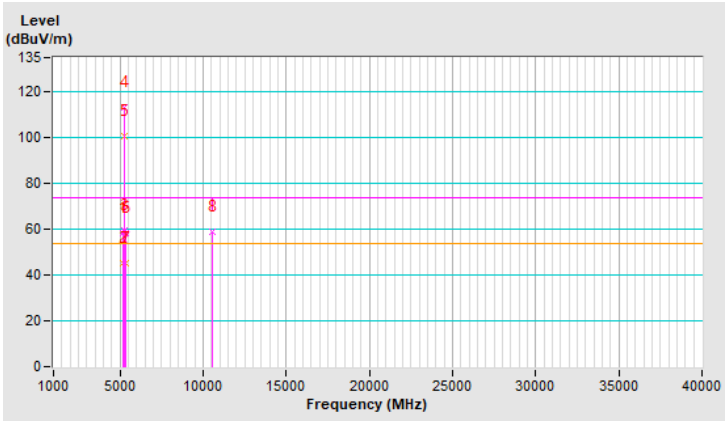


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	1.37 H	6	51.8	6.6
2	5150.00	45.1 AV	54.0	-8.9	1.37 H	6	38.5	6.6
3	5250.00	59.6 PK	68.2	-8.6	1.33 H	8	53.5	6.1
4	*5280.00	113.1 PK			1.35 H	4	71.2	41.9
5	*5280.00	100.5 AV			1.35 H	4	58.6	41.9
6	5350.00	58.5 PK	74.0	-15.5	1.38 H	10	52.1	6.4
7	5350.00	45.0 AV	54.0	-9.0	1.38 H	10	38.6	6.4
8	#10560.00	59.1 PK	68.2	-9.1	1.72 H	348	41.6	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

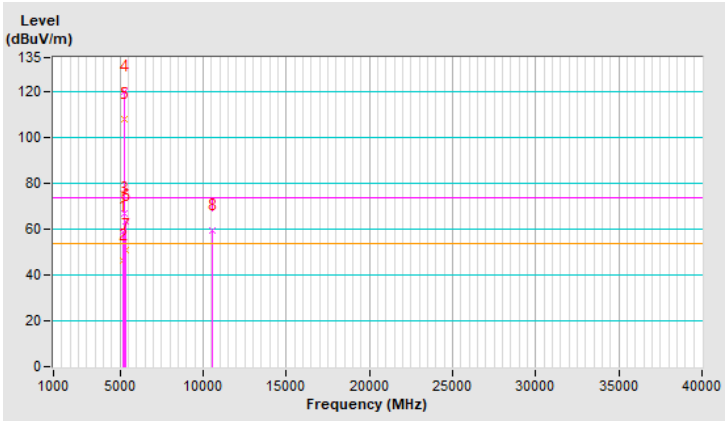


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 56：5280 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.9 PK	74.0	-15.1	1.22 V	349	52.3	6.6
2	5150.00	46.2 AV	54.0	-7.8	1.22 V	349	39.6	6.6
3	5250.00	66.9 PK	68.2	-1.3	1.17 V	360	60.8	6.1
4	*5280.00	120.0 PK			1.18 V	356	78.1	41.9
5	*5280.00	108.0 AV			1.18 V	356	66.1	41.9
6	5350.00	63.6 PK	74.0	-10.4	1.16 V	355	57.2	6.4
7	5350.00	50.9 AV	54.0	-3.1	1.16 V	355	44.5	6.4
8	#10560.00	59.3 PK	68.2	-8.9	1.55 V	329	41.8	17.5
9	15840.00	-	-	-	-	-	-	-
10	21120.00	-	-	-	-	-	-	-
11	#26400.00	-	-	-	-	-	-	-
12	31680.00	-	-	-	-	-	-	-
13	#36960.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

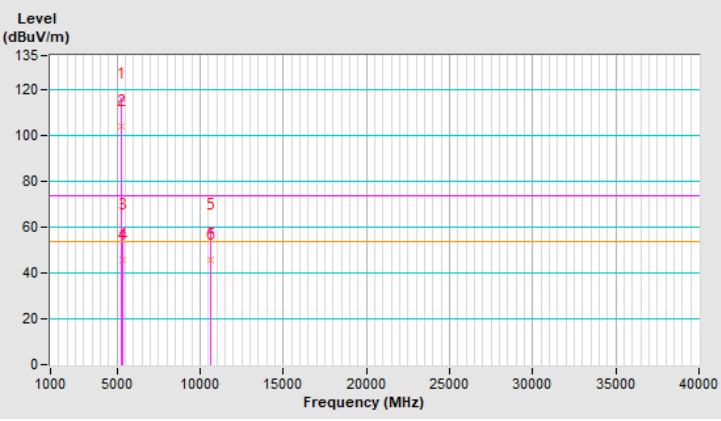


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.0 PK			1.36 H	5	74.1	41.9
2	*5300.00	104.3 AV			1.36 H	5	62.4	41.9
3	5350.00	59.2 PK	74.0	-14.8	1.38 H	10	52.8	6.4
4	5350.00	45.6 AV	54.0	-8.4	1.38 H	10	39.2	6.4
5	10600.00	58.9 PK	74.0	-15.1	1.72 H	342	41.7	17.2
6	10600.00	45.9 AV	54.0	-8.1	1.72 H	342	28.7	17.2
7	15900.00	-	-	-	-	-	-	-
8	21200.00	-	-	-	-	-	-	-
9	#26500.00	-	-	-	-	-	-	-
10	31800.00	-	-	-	-	-	-	-
11	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

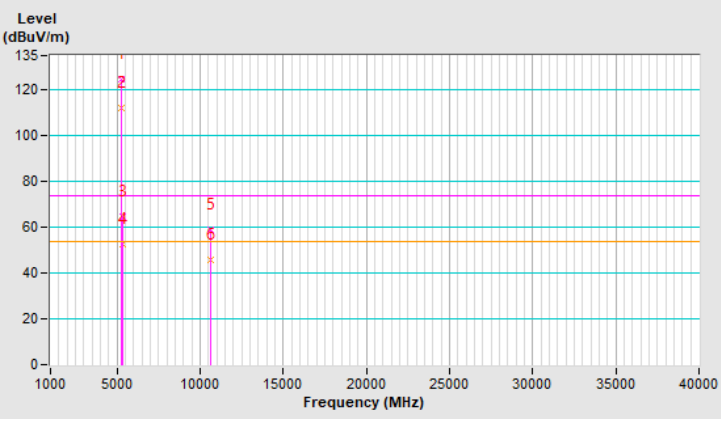


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	124.5 PK			1.12 V	355	82.6	41.9
2	*5300.00	112.0 AV			1.12 V	355	70.1	41.9
3	5350.00	64.5 PK	74.0	-9.5	1.27 V	354	58.1	6.4
4	5350.00	52.6 AV	54.0	-1.4	1.27 V	354	46.2	6.4
5	10600.00	58.9 PK	74.0	-15.1	1.48 V	337	41.7	17.2
6	10600.00	45.9 AV	54.0	-8.1	1.48 V	337	28.7	17.2
7	15900.00	-	-	-	-	-	-	-
8	21200.00	-	-	-	-	-	-	-
9	#26500.00	-	-	-	-	-	-	-
10	31800.00	-	-	-	-	-	-	-
11	#37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

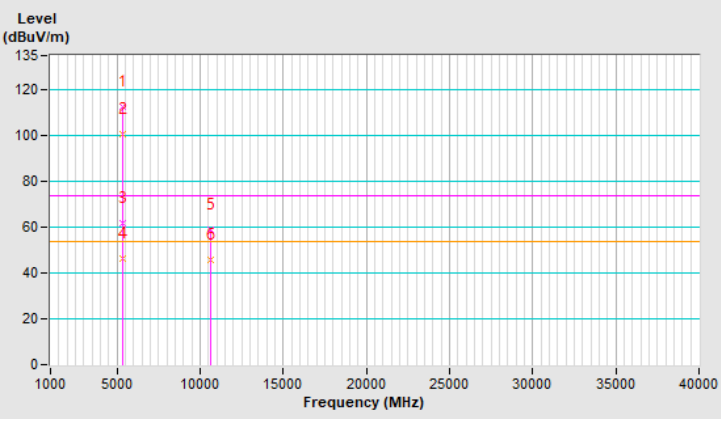


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.9 PK			1.33 H	2	70.9	42.0
2	*5320.00	100.5 AV			1.33 H	2	58.5	42.0
3	5350.00	61.7 PK	74.0	-12.3	1.35 H	5	55.3	6.4
4	5350.00	46.3 AV	54.0	-7.7	1.35 H	5	39.9	6.4
5	10640.00	59.1 PK	74.0	-14.9	1.66 H	342	41.7	17.4
6	10640.00	45.9 AV	54.0	-8.1	1.66 H	342	28.5	17.4
7	15960.00	-	-	-	-	-	-	-
8	21280.00	-	-	-	-	-	-	-
9	#26600.00	-	-	-	-	-	-	-
10	#31920.00	-	-	-	-	-	-	-
11	#37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

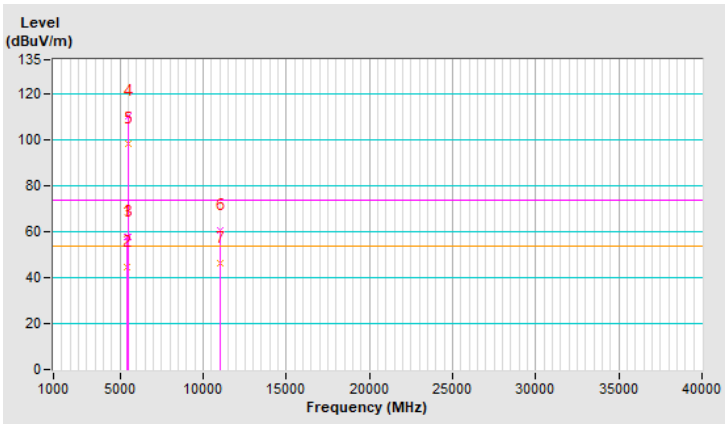


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.0 PK	74.0	-16.0	1.69 H	13	51.7	6.3
2	5460.00	44.8 AV	54.0	-9.2	1.69 H	13	38.5	6.3
3	#5470.00	58.0 PK	68.2	-10.2	1.72 H	8	51.7	6.3
4	*5500.00	110.4 PK			1.75 H	7	68.3	42.1
5	*5500.00	98.4 AV			1.75 H	7	56.3	42.1
6	11000.00	60.6 PK	74.0	-13.4	1.69 H	347	42.0	18.6
7	11000.00	46.5 AV	54.0	-7.5	1.69 H	347	27.9	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

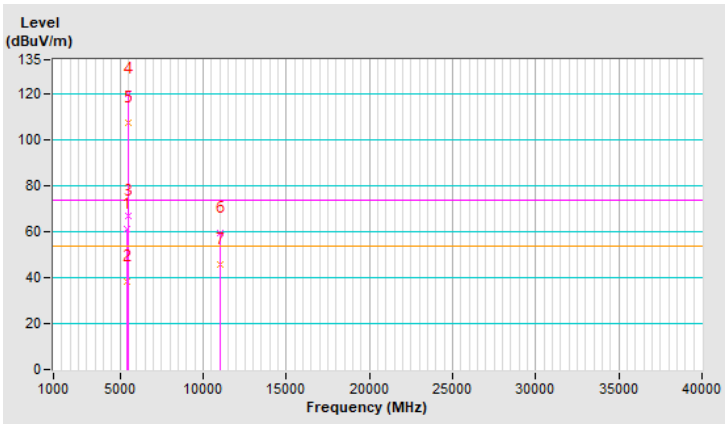


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.1 PK	74.0	-12.9	1.53 V	329	54.8	6.3
2	5460.00	38.1 AV	54.0	-15.9	1.53 V	329	31.8	6.3
3	#5470.00	66.9 PK	68.2	-1.3	1.52 V	333	60.6	6.3
4	*5500.00	119.9 PK			1.49 V	332	77.8	42.1
5	*5500.00	107.8 AV			1.49 V	332	65.7	42.1
6	11000.00	59.6 PK	74.0	-14.4	1.63 V	322	41.0	18.6
7	11000.00	45.8 AV	54.0	-8.2	1.63 V	322	27.2	18.6
8	#16500.00	-	-	-	-	-	-	-
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

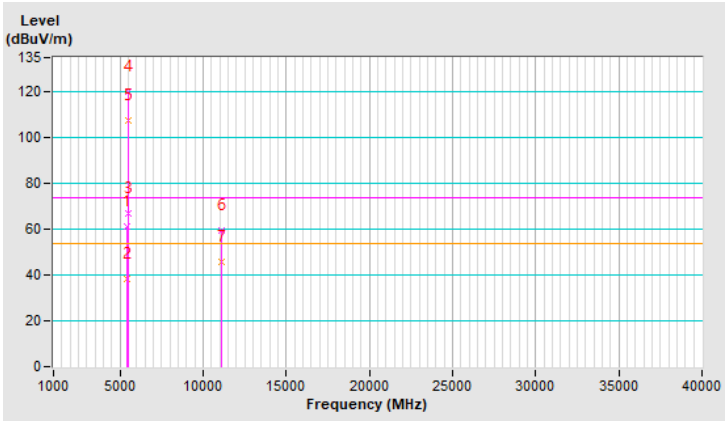


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.1 PK	74.0	-12.9	1.53 V	329	54.8	6.3
2	5460.00	38.1 AV	54.0	-15.9	1.53 V	329	31.8	6.3
3	#5470.00	66.9 PK	68.2	-1.3	1.52 V	333	60.6	6.3
4	*5500.00	119.9 PK			1.49 V	332	77.8	42.1
5	*5500.00	107.8 AV			1.49 V	332	65.7	42.1
6	11000.00	-	-	-	-	-	-	-
7	11100.00	59.6 PK	74.0	-14.4	1.63 V	322	41.3	18.3
8	11100.00	45.8 AV	54.0	-8.2	1.63 V	322	27.5	18.3
9	#16500.00	-	-	-	-	-	-	-
10	#22000.00	-	-	-	-	-	-	-
11	#27500.00	-	-	-	-	-	-	-
12	#33000.00	-	-	-	-	-	-	-
13	#38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

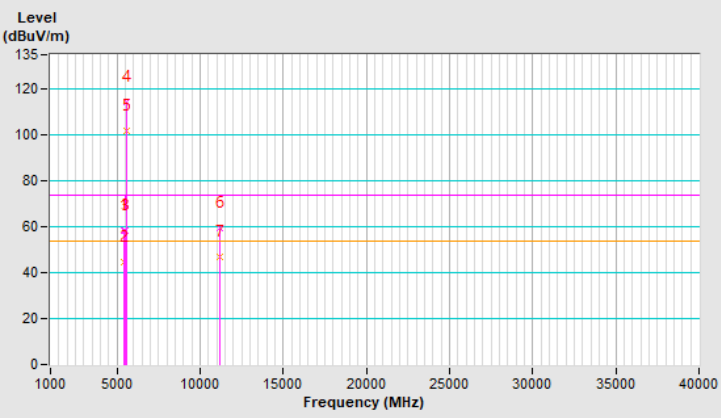


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.2 PK	74.0	-15.8	1.93 H	6	51.9	6.3
2	5460.00	44.9 AV	54.0	-9.1	1.93 H	6	38.6	6.3
3	#5470.00	58.3 PK	68.2	-9.9	1.89 H	11	52.0	6.3
4	*5580.00	114.5 PK			2.00 H	8	72.4	42.1
5	*5580.00	101.7 AV			2.00 H	8	59.6	42.1
6	11160.00	59.7 PK	74.0	-14.3	1.69 H	318	41.2	18.5
7	11160.00	46.8 AV	54.0	-7.2	1.69 H	318	28.3	18.5
8	#16740.00	-	-	-	-	-	-	-
9	22320.00	-	-	-	-	-	-	-
10	#27900.00	-	-	-	-	-	-	-
11	#33480.00	-	-	-	-	-	-	-
12	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

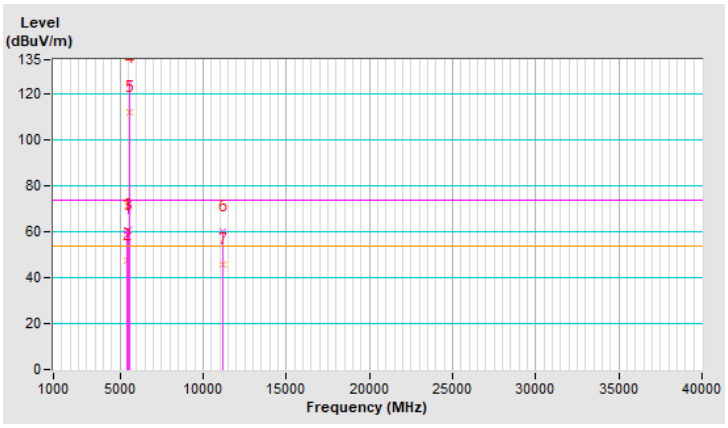


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.8 PK	74.0	-13.2	1.44 V	328	54.5	6.3
2	5460.00	47.3 AV	54.0	-6.7	1.44 V	328	41.0	6.3
3	#5470.00	60.8 PK	68.2	-7.4	1.50 V	351	54.5	6.3
4	*5580.00	124.8 PK			1.48 V	330	82.7	42.1
5	*5580.00	112.3 AV			1.48 V	330	70.2	42.1
6	11160.00	60.1 PK	74.0	-13.9	1.70 V	339	41.6	18.5
7	11160.00	46.0 AV	54.0	-8.0	1.70 V	339	27.5	18.5
8	#16740.00	-	-	-	-	-	-	-
9	22320.00	-	-	-	-	-	-	-
10	#27900.00	-	-	-	-	-	-	-
11	#33480.00	-	-	-	-	-	-	-
12	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

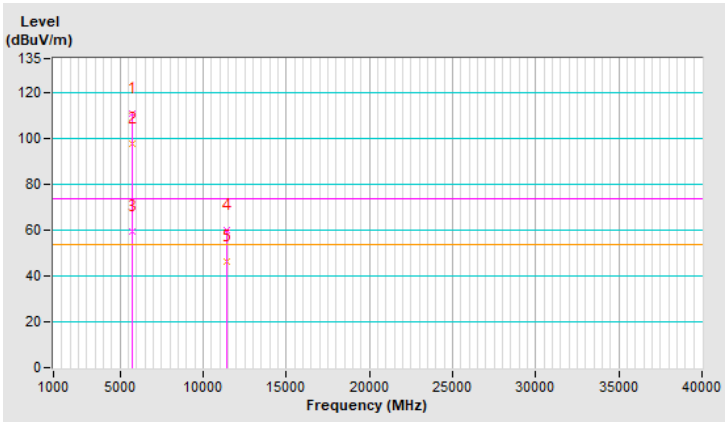


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.8 PK			2.01 H	20	68.5	42.3
2	*5700.00	97.8 AV			2.01 H	20	55.5	42.3
3	#5725.00	59.4 PK	68.2	-8.8	1.98 H	13	52.9	6.5
4	11400.00	60.0 PK	74.0	-14.0	1.92 H	344	42.1	17.9
5	11400.00	46.1 AV	54.0	-7.9	1.92 H	344	28.2	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

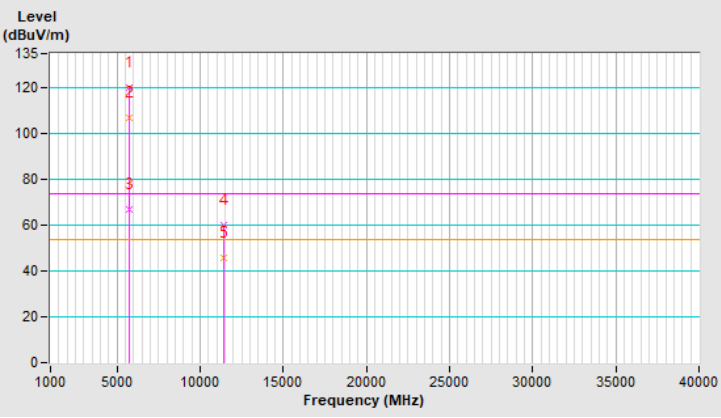


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	120.3 PK			1.42 V	331	78.0	42.3
2	*5700.00	107.0 AV			1.42 V	331	64.7	42.3
3	#5725.00	67.0 PK	68.2	-1.2	1.45 V	331	60.5	6.5
4	11400.00	59.9 PK	74.0	-14.1	1.58 V	321	42.0	17.9
5	11400.00	45.8 AV	54.0	-8.2	1.58 V	321	27.9	17.9
6	#17100.00	-	-	-	-	-	-	-
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

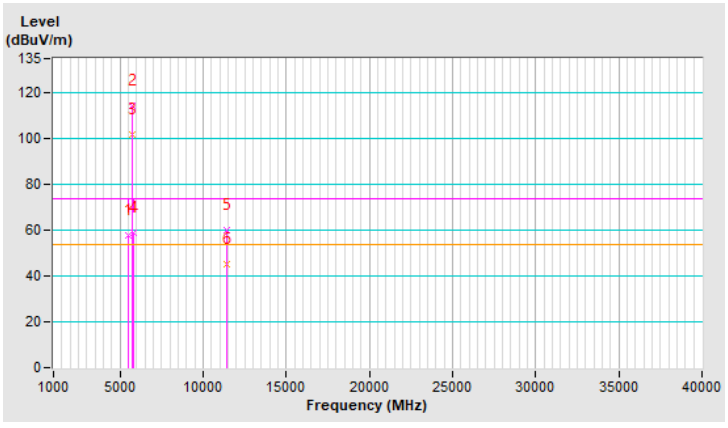


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.0 PK	68.2	-10.2	1.73 H	18	51.7	6.3
2	*5720.00	114.4 PK			1.82 H	20	72.2	42.2
3	*5720.00	102.0 AV			1.82 H	20	59.8	42.2
4	#5850.00	59.1 PK	68.2	-9.1	1.77 H	16	52.3	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.58 H	321	41.9	18.0
6	11440.00	45.2 AV	54.0	-8.8	1.58 H	321	27.2	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

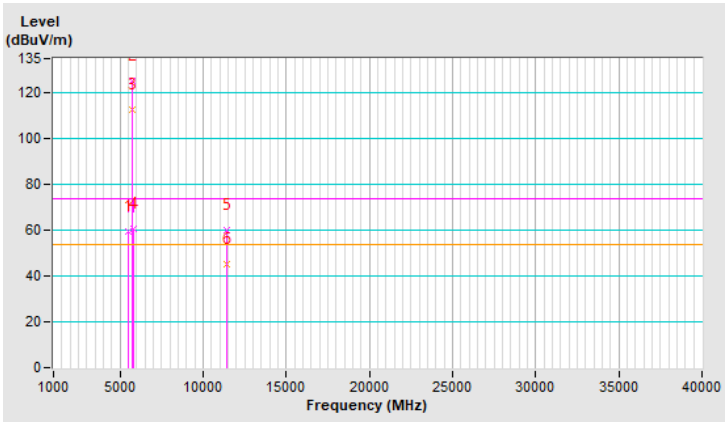


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.5 PK	68.2	-8.7	1.47 V	318	53.2	6.3
2	*5720.00	125.1 PK			1.45 V	332	82.9	42.2
3	*5720.00	112.6 AV			1.45 V	332	70.4	42.2
4	#5850.00	60.6 PK	68.2	-7.6	1.52 V	337	53.8	6.8
5	11440.00	60.1 PK	74.0	-13.9	1.79 V	340	42.1	18.0
6	11440.00	45.3 AV	54.0	-8.7	1.79 V	340	27.3	18.0
7	#17160.00	-	-	-	-	-	-	-
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

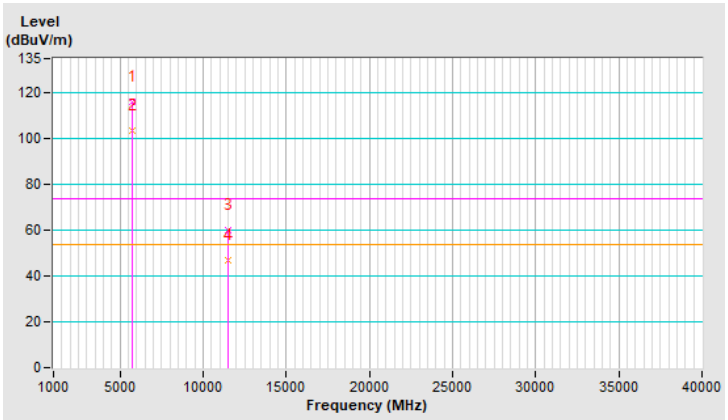


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	116.1 PK			3.64 H	1	73.9	42.2
2	*5745.00	103.5 AV			3.64 H	1	61.3	42.2
3	11490.00	59.8 PK	74.0	-14.2	2.36 H	292	41.5	18.3
4	11490.00	47.1 AV	54.0	-6.9	2.36 H	292	28.8	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

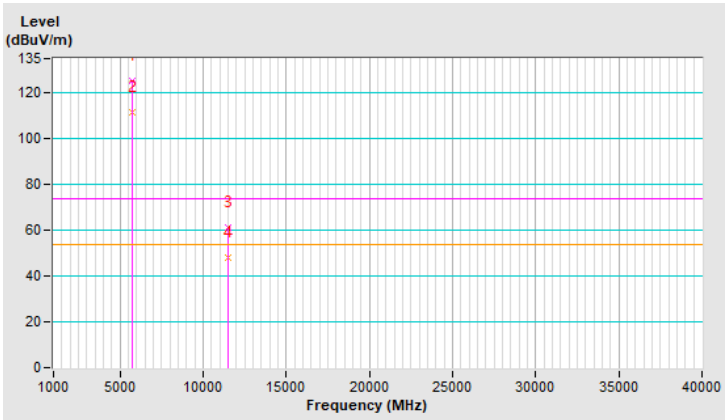


操作模式：	發射 802.11ax (HE20)	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測試日期：	109 年 12 月 30 日	測試者：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	125.1 PK			1.43 V	333	82.9	42.2
2	*5745.00	111.7 AV			1.43 V	333	69.5	42.2
3	11490.00	61.4 PK	74.0	-12.6	1.79 V	15	43.1	18.3
4	11490.00	48.3 AV	54.0	-5.7	1.79 V	15	30.0	18.3
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

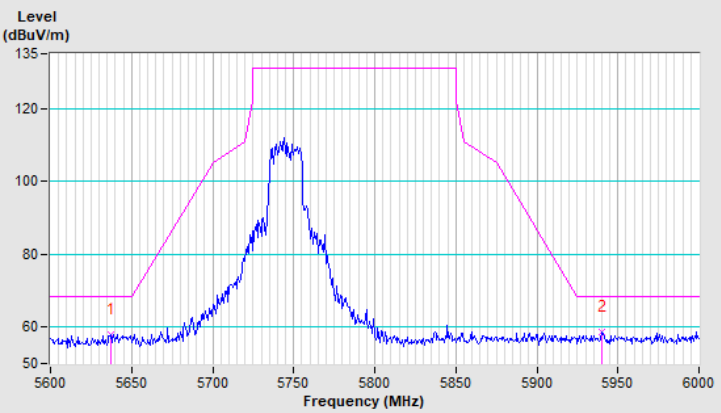


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.18	58.1 PK	68.2	-10.1	3.64 H	1	51.8	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5939.74	58.8 PK	68.2	-9.4	3.64 H	1	51.5	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

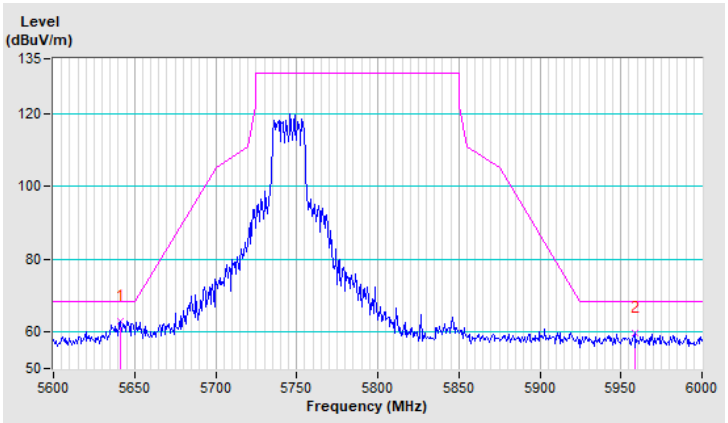


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.03	62.9 PK	68.2	-5.3	1.43 V	333	56.6	6.3
2	*5745.00	-	-	-	-	-	-	-
3	#5958.33	59.7 PK	68.2	-8.5	1.43 V	333	52.4	7.3
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

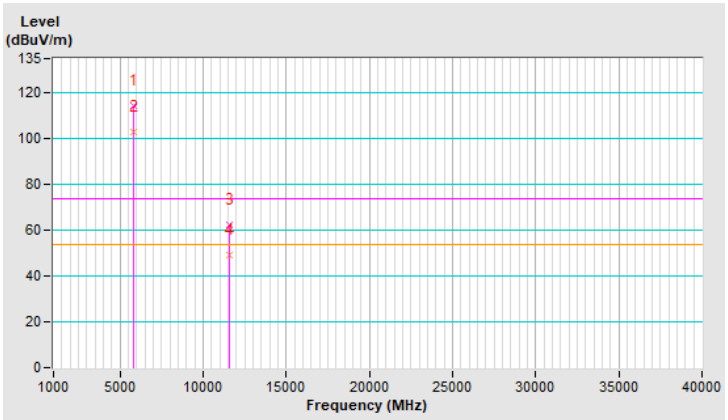


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	114.6 PK			3.60 H	1	72.4	42.2
2	*5785.00	103.2 AV			3.60 H	1	61.0	42.2
3	11570.00	62.5 PK	74.0	-11.5	2.49 H	294	44.5	18.0
4	11570.00	49.3 AV	54.0	-4.7	2.49 H	294	31.3	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

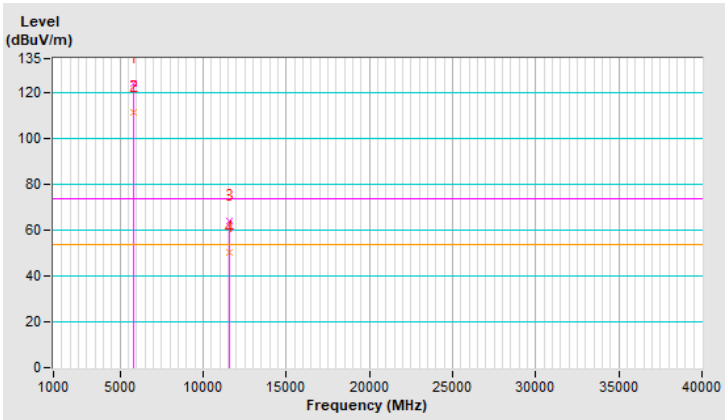


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	123.9 PK			1.57 V	332	81.7	42.2
2	*5785.00	111.4 AV			1.57 V	332	69.2	42.2
3	11570.00	64.3 PK	74.0	-9.7	1.37 V	12	46.3	18.0
4	11570.00	50.5 AV	54.0	-3.5	1.37 V	12	32.5	18.0
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

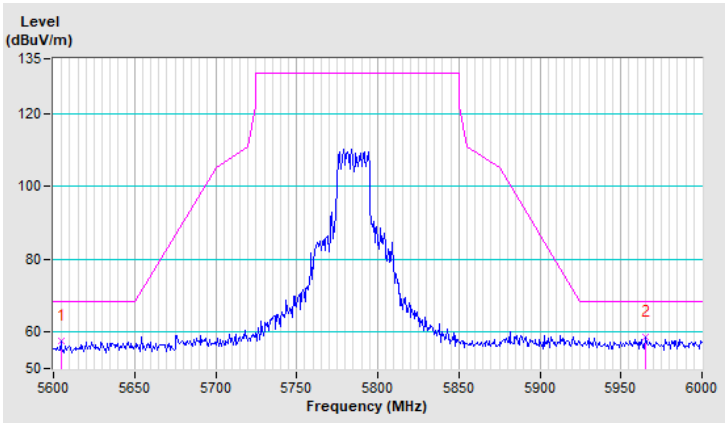


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5604.49	57.5 PK	68.2	-10.7	3.60 H	1	51.3	6.2
2	*5785.00	-	-	-	-	-	-	-
3	#5965.38	58.6 PK	68.2	-9.6	3.60 H	1	51.3	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

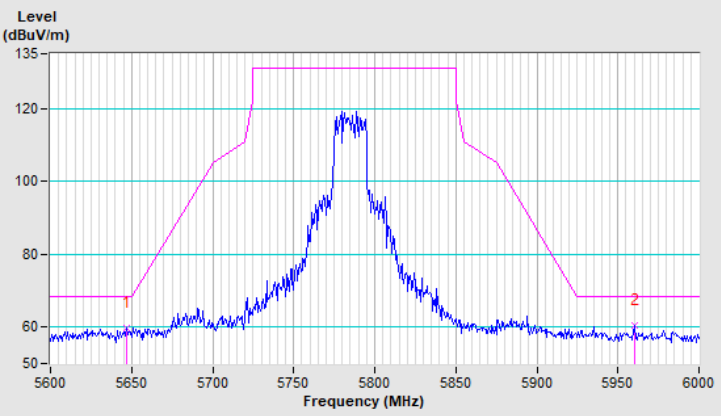


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.79	59.6 PK	68.2	-8.6	1.57 V	332	53.3	6.3
2	*5785.00	-	-	-	-	-	-	-
3	#5960.26	60.5 PK	68.2	-7.7	1.57 V	332	53.2	7.3
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

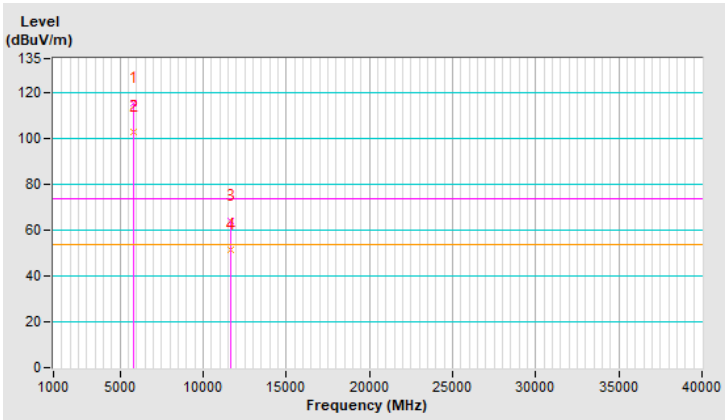


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	115.8 PK			1.50 H	2	73.5	42.3
2	*5825.00	102.7 AV			1.50 H	2	60.4	42.3
3	11650.00	64.2 PK	74.0	-9.8	2.01 H	302	46.2	18.0
4	11650.00	51.3 AV	54.0	-2.7	2.01 H	302	33.3	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

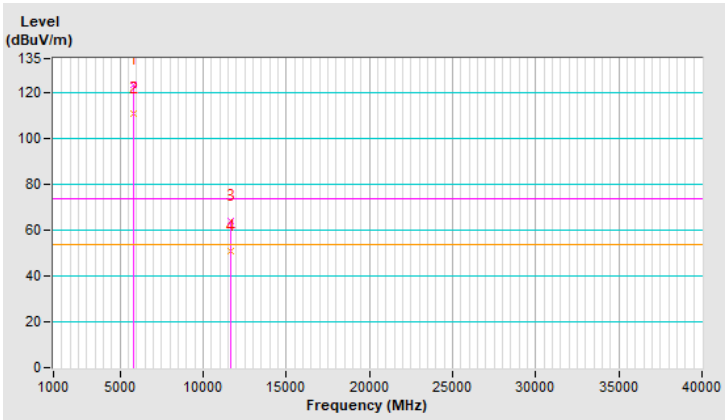


操作模式：	發射 802.11ax (HE20)	調變技術：	OFDMA
基本波頻率：	CH 165：5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測試日期：	109 年 12 月 30 日	測試者：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	123.4 PK			1.64 V	333	81.1	42.3
2	*5825.00	111.0 AV			1.64 V	333	68.7	42.3
3	11650.00	63.8 PK	74.0	-10.2	1.44 V	342	45.8	18.0
4	11650.00	50.9 AV	54.0	-3.1	1.44 V	342	32.9	18.0
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

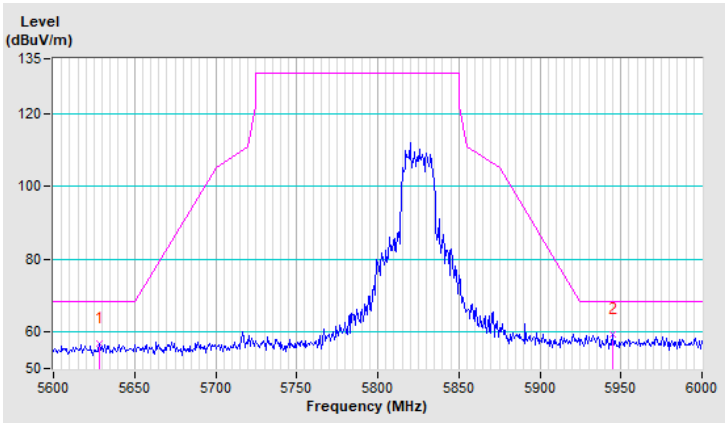


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.21	57.0 PK	68.2	-11.2	1.50 H	2	50.8	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5944.87	59.4 PK	68.2	-8.8	1.50 H	2	52.1	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

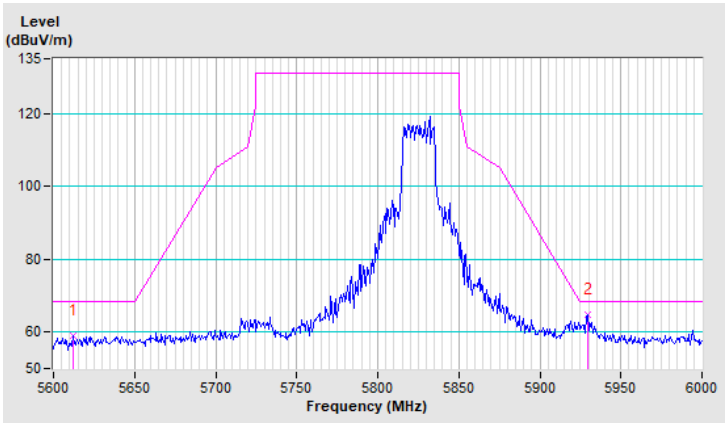


操 作 模 式 ：	發射 802.11ax (HE20)	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5612.18	59.1 PK	68.2	-9.1	1.64 V	333	52.9	6.2
2	*5825.00	-	-	-	-	-	-	-
3	#5929.49	64.7 PK	68.2	-3.5	1.64 V	333	57.4	7.3
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

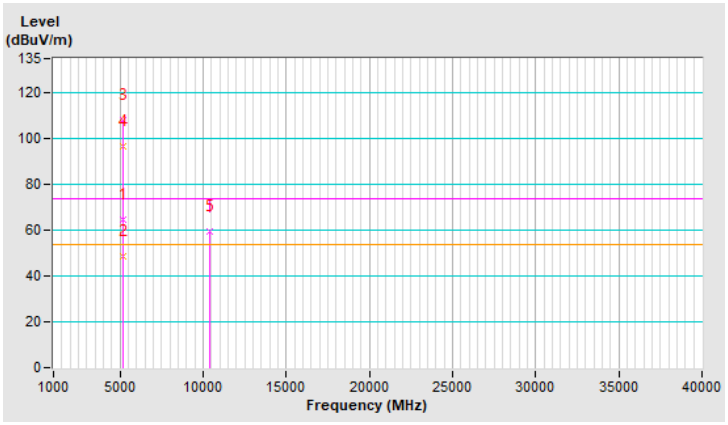


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.8 PK	74.0	-9.2	1.61 H	20	58.2	6.6
2	5150.00	48.6 AV	54.0	-5.4	1.61 H	20	42.0	6.6
3	*5190.00	108.0 PK			1.56 H	15	65.9	42.1
4	*5190.00	96.5 AV			1.56 H	15	54.4	42.1
5	#10380.00	59.7 PK	68.2	-8.5	2.15 H	22	42.9	16.8
6	15570.00	-	-	-	-	-	-	-
7	20760.00	-	-	-	-	-	-	-
8	#25950.00	-	-	-	-	-	-	-
9	#31140.00	-	-	-	-	-	-	-
10	#36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

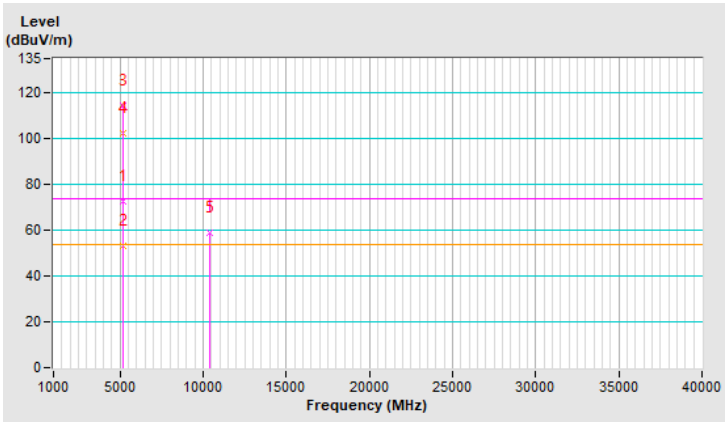


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.6 PK	74.0	-1.4	1.60 V	336	66.0	6.6
2	**5150.00**	**53.0 AV**	**54.0**	**-1.0**	**1.60 V**	**336**	**46.4**	**6.6**
3	*5190.00	114.3 PK			1.72 V	337	72.2	42.1
4	*5190.00	102.3 AV			1.72 V	337	60.2	42.1
5	#10380.00	59.2 PK	68.2	-9.0	1.93 V	201	42.4	16.8
6	15570.00	-	-	-	-	-	-	-
7	20760.00	-	-	-	-	-	-	-
8	#25950.00	-	-	-	-	-	-	-
9	#31140.00	-	-	-	-	-	-	-
10	#36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

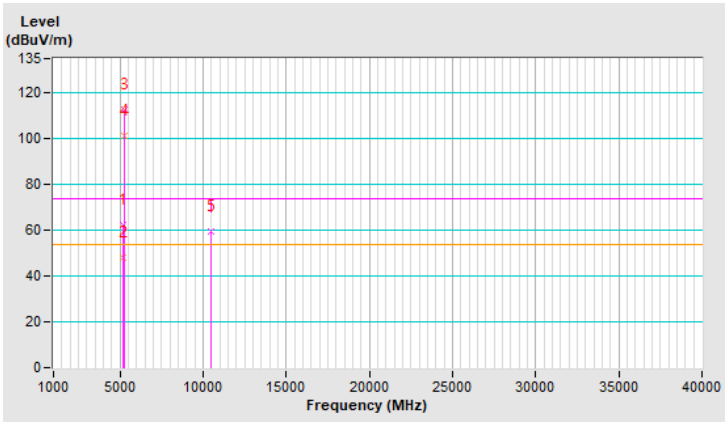


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.5 PK	74.0	-11.5	1.69 H	22	55.9	6.6
2	5150.00	48.1 AV	54.0	-5.9	1.69 H	22	41.5	6.6
3	*5230.00	112.9 PK			1.57 H	19	70.9	42.0
4	*5230.00	101.5 AV			1.57 H	19	59.5	42.0
5	#10460.00	59.5 PK	68.2	-8.7	2.23 H	17	42.1	17.4
6	15690.00	-	-	-	-	-	-	-
7	20920.00	-	-	-	-	-	-	-
8	#26150.00	-	-	-	-	-	-	-
9	31380.00	-	-	-	-	-	-	-
10	#36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

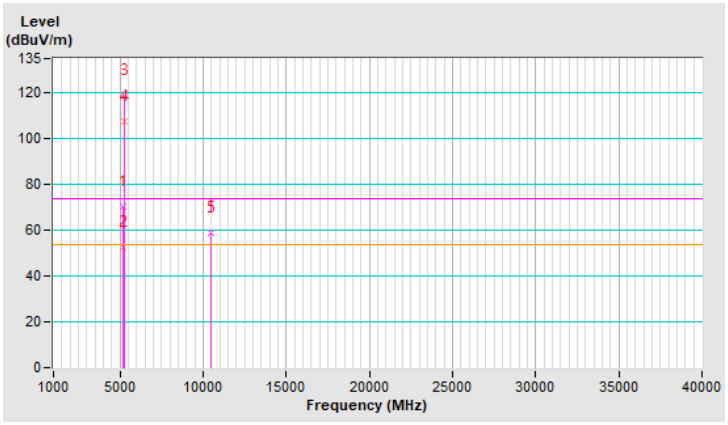


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.1 PK	74.0	-3.9	1.55 V	335	63.5	6.6
2	5150.00	52.7 AV	54.0	-1.3	1.55 V	335	46.1	6.6
3	*5230.00	119.1 PK			1.64 V	335	77.1	42.0
4	*5230.00	107.3 AV			1.64 V	335	65.3	42.0
5	#10460.00	58.9 PK	68.2	-9.3	1.99 V	209	41.5	17.4
6	15690.00	-	-	-	-	-	-	-
7	20920.00	-	-	-	-	-	-	-
8	#26150.00	-	-	-	-	-	-	-
9	31380.00	-	-	-	-	-	-	-
10	#36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

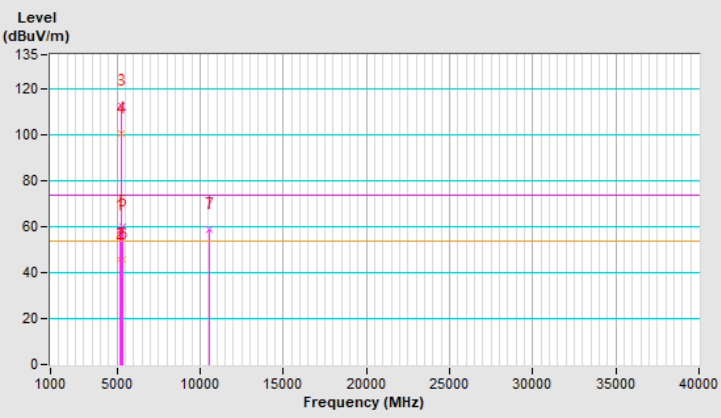


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.6 PK	74.0	-15.4	1.48 H	9	52.0	6.6
2	5150.00	45.7 AV	54.0	-8.3	1.48 H	9	39.1	6.6
3	*5270.00	112.6 PK			1.46 H	7	70.7	41.9
4	*5270.00	100.7 AV			1.46 H	7	58.8	41.9
5	5350.00	59.9 PK	74.0	-14.1	1.50 H	10	53.5	6.4
6	5350.00	46.0 AV	54.0	-8.0	1.50 H	10	39.6	6.4
7	#10540.00	59.2 PK	68.2	-9.0	1.68 H	341	41.6	17.6
8	15810.00	-	-	-	-	-	-	-
9	21080.00	-	-	-	-	-	-	-
10	#26350.00	-	-	-	-	-	-	-
11	31620.00	-	-	-	-	-	-	-
12	#36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

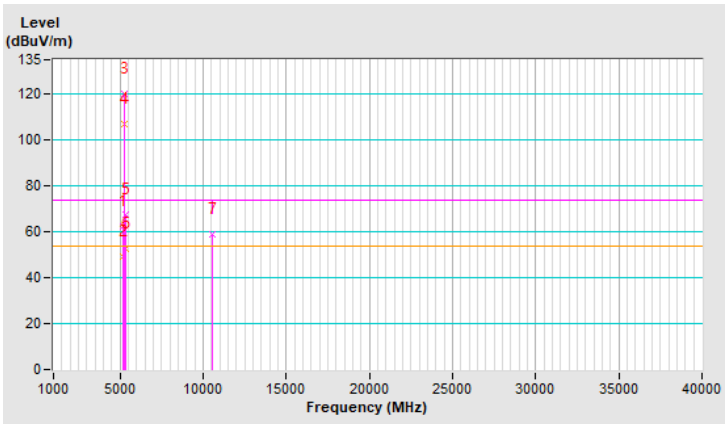


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.1 PK	74.0	-11.9	1.47 V	337	55.5	6.6
2	5150.00	49.1 AV	54.0	-4.9	1.47 V	337	42.5	6.6
3	*5270.00	120.0 PK			1.40 V	331	78.1	41.9
4	*5270.00	107.1 AV			1.40 V	331	65.2	41.9
5	5350.00	67.6 PK	74.0	-6.4	1.44 V	334	61.2	6.4
6	5350.00	52.7 AV	54.0	-1.3	1.44 V	334	46.3	6.4
7	#10540.00	59.2 PK	68.2	-9.0	1.39 V	342	41.6	17.6
8	15810.00	-	-	-	-	-	-	-
9	21080.00	-	-	-	-	-	-	-
10	#26350.00	-	-	-	-	-	-	-
11	31620.00	-	-	-	-	-	-	-
12	#36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

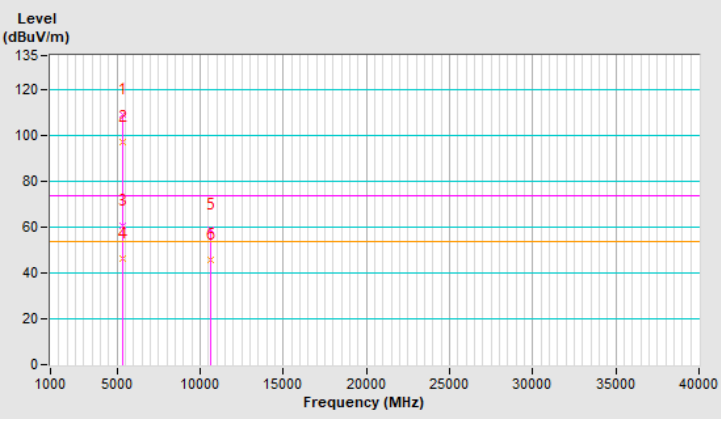


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	109.1 PK			1.34 H	4	67.1	42.0
2	*5310.00	97.0 AV			1.34 H	4	55.0	42.0
3	5350.00	60.8 PK	74.0	-13.2	1.36 H	10	54.4	6.4
4	5350.00	46.1 AV	54.0	-7.9	1.36 H	10	39.7	6.4
5	10620.00	59.1 PK	74.0	-14.9	1.66 H	328	41.7	17.4
6	10620.00	45.9 AV	54.0	-8.1	1.66 H	328	28.5	17.4
7	15930.00	-	-	-	-	-	-	-
8	21240.00	-	-	-	-	-	-	-
9	#26550.00	-	-	-	-	-	-	-
10	#31860.00	-	-	-	-	-	-	-
11	#37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

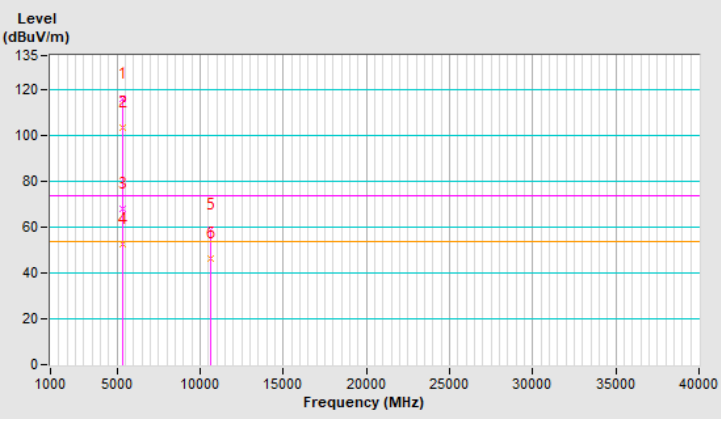


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	116.0 PK			1.31 V	328	74.0	42.0
2	*5310.00	103.3 AV			1.31 V	328	61.3	42.0
3	5350.00	68.3 PK	74.0	-5.7	1.59 V	331	61.9	6.4
4	5350.00	52.8 AV	54.0	-1.2	1.59 V	331	46.4	6.4
5	10620.00	59.0 PK	74.0	-15.0	1.42 V	331	41.6	17.4
6	10620.00	46.1 AV	54.0	-7.9	1.42 V	331	28.7	17.4
7	15930.00	-	-	-	-	-	-	-
8	21240.00	-	-	-	-	-	-	-
9	#26550.00	-	-	-	-	-	-	-
10	#31860.00	-	-	-	-	-	-	-
11	#37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

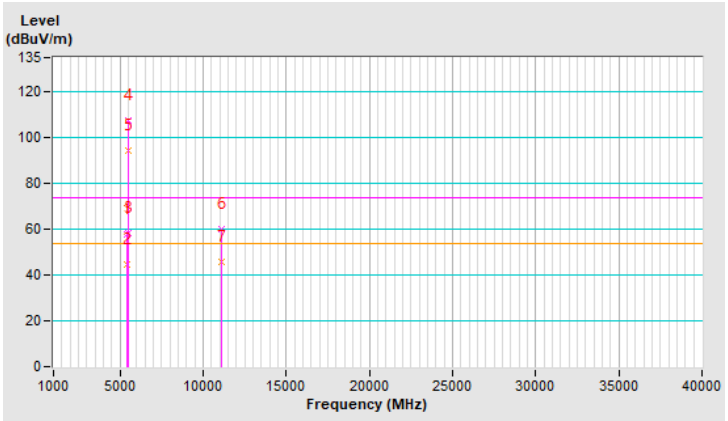


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.9 PK	74.0	-16.1	1.76 H	22	51.6	6.3
2	5460.00	44.9 AV	54.0	-9.1	1.76 H	22	38.6	6.3
3	#5470.00	58.1 PK	68.2	-10.1	1.72 H	12	51.8	6.3
4	*5510.00	107.5 PK			1.81 H	26	65.4	42.1
5	*5510.00	94.1 AV			1.81 H	26	52.0	42.1
6	11020.00	-	-	-	-	-	-	-
7	11120.00	60.2 PK	74.0	-13.8	1.72 H	312	41.8	18.4
8	11120.00	45.7 AV	54.0	-8.3	1.72 H	312	27.3	18.4
9	#16530.00	-	-	-	-	-	-	-
10	22040.00	-	-	-	-	-	-	-
11	#27550.00	-	-	-	-	-	-	-
12	#33060.00	-	-	-	-	-	-	-
13	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

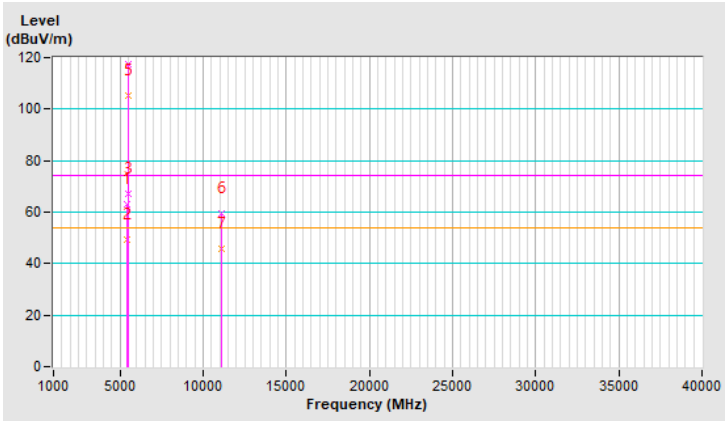


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.3 PK	74.0	-10.7	1.46 V	335	57.0	6.3
2	5460.00	49.5 AV	54.0	-4.5	1.46 V	335	43.2	6.3
3	#5470.00	67.0 PK	68.2	-1.2	1.50 V	333	60.7	6.3
4	*5510.00	117.6 PK			1.46 V	332	75.5	42.1
5	*5510.00	105.1 AV			1.46 V	332	63.0	42.1
6	11020.00	-	-	-	-	-	-	-
7	11120.00	59.5 PK	74.0	-14.5	1.69 V	322	41.1	18.4
8	11120.00	46.0 AV	54.0	-8.0	1.69 V	322	27.6	18.4
9	#16530.00	-	-	-	-	-	-	-
10	22040.00	-	-	-	-	-	-	-
11	#27550.00	-	-	-	-	-	-	-
12	#33060.00	-	-	-	-	-	-	-
13	#38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

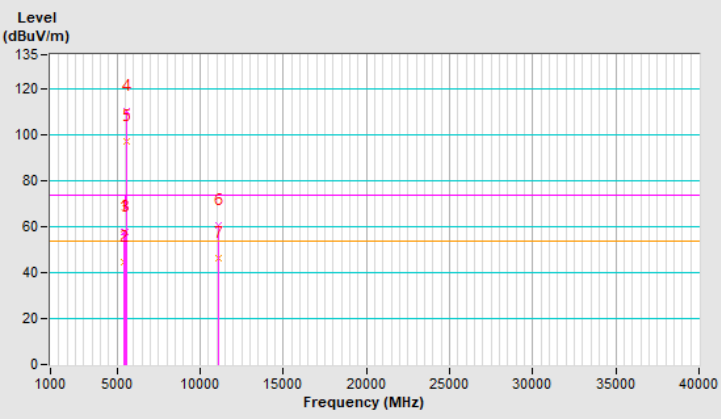


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.6 PK	74.0	-16.4	1.74 H	20	51.3	6.3
2	5460.00	44.9 AV	54.0	-9.1	1.74 H	20	38.6	6.3
3	#5470.00	58.0 PK	68.2	-10.2	1.77 H	21	51.7	6.3
4	*5550.00	110.3 PK			1.80 H	26	68.2	42.1
5	*5550.00	97.1 AV			1.80 H	26	55.0	42.1
6	11100.00	60.4 PK	74.0	-13.6	1.82 H	346	42.1	18.3
7	11100.00	46.3 AV	54.0	-7.7	1.82 H	346	28.0	18.3
8	#16650.00	-	-	-	-	-	-	-
9	22200.00	-	-	-	-	-	-	-
10	#27750.00	-	-	-	-	-	-	-
11	#33300.00	-	-	-	-	-	-	-
12	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

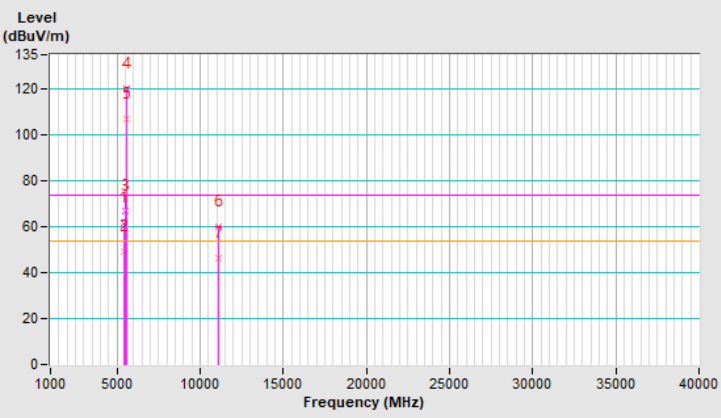


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.6 PK	74.0	-12.4	1.47 V	329	55.3	6.3
2	5460.00	49.1 AV	54.0	-4.9	1.47 V	329	42.8	6.3
3	#5470.00	66.8 PK	68.2	-1.4	1.42 V	330	60.5	6.3
4	*5550.00	119.9 PK			1.43 V	332	77.8	42.1
5	*5550.00	106.9 AV			1.43 V	332	64.8	42.1
6	11100.00	60.1 PK	74.0	-13.9	1.71 V	341	41.8	18.3
7	11100.00	46.1 AV	54.0	-7.9	1.71 V	341	27.8	18.3
8	#16650.00	-	-	-	-	-	-	-
9	22200.00	-	-	-	-	-	-	-
10	#27750.00	-	-	-	-	-	-	-
11	#33300.00	-	-	-	-	-	-	-
12	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

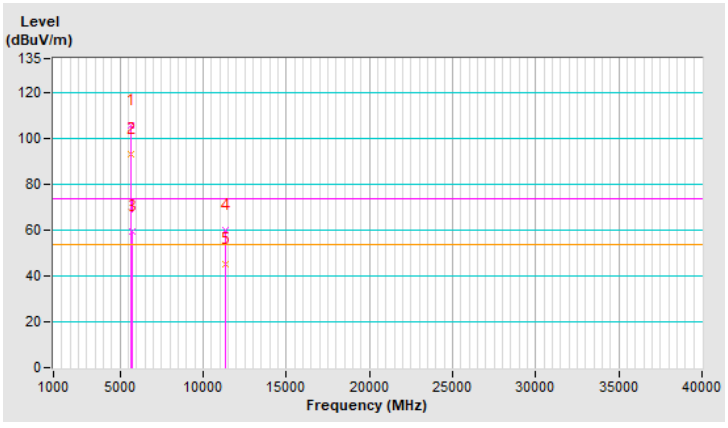


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	105.8 PK			1.67 H	17	63.6	42.2
2	*5670.00	93.2 AV			1.67 H	17	51.0	42.2
3	#5725.00	59.7 PK	68.2	-8.5	1.65 H	12	53.2	6.5
4	11340.00	60.0 PK	74.0	-14.0	1.92 H	342	41.9	18.1
5	11340.00	45.3 AV	54.0	-8.7	1.92 H	342	27.2	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

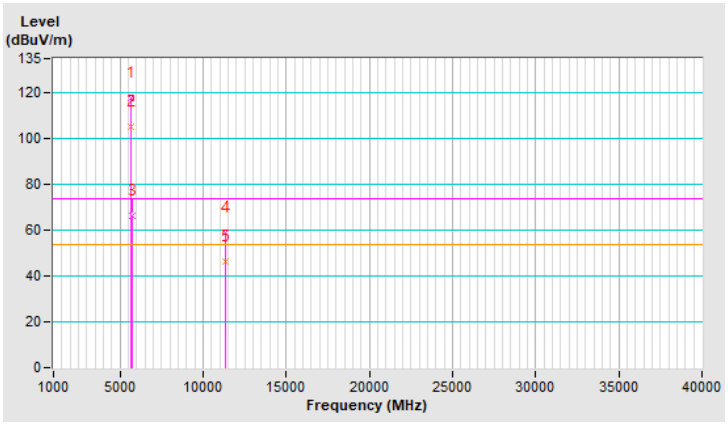


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	117.6 PK			1.50 V	329	75.4	42.2
2	*5670.00	105.2 AV			1.50 V	329	63.0	42.2
3	#5725.00	66.6 PK	68.2	-1.6	1.58 V	331	60.1	6.5
4	11340.00	59.0 PK	74.0	-15.0	1.79 V	328	40.9	18.1
5	11340.00	46.1 AV	54.0	-7.9	1.79 V	328	28.0	18.1
6	#17010.00	-	-	-	-	-	-	-
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

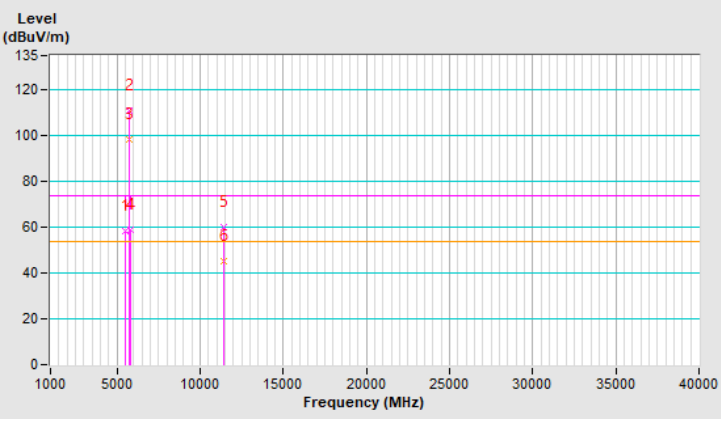


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.3 PK	68.2	-9.9	1.66 H	19	52.0	6.3
2	*5710.00	110.7 PK			1.64 H	15	68.4	42.3
3	*5710.00	98.5 AV			1.64 H	15	56.2	42.3
4	#5850.00	59.0 PK	68.2	-9.2	1.66 H	20	52.2	6.8
5	11420.00	59.8 PK	74.0	-14.2	1.88 H	341	41.9	17.9
6	11420.00	45.4 AV	54.0	-8.6	1.88 H	341	27.5	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

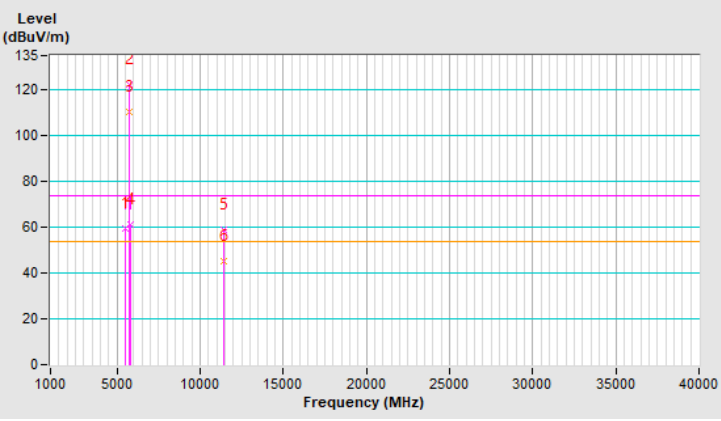


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.6 PK	68.2	-8.6	1.49 V	329	53.3	6.3
2	*5710.00	122.4 PK			1.53 V	331	80.1	42.3
3	*5710.00	110.3 AV			1.53 V	331	68.0	42.3
4	#5850.00	61.3 PK	68.2	-6.9	1.53 V	335	54.5	6.8
5	11420.00	59.2 PK	74.0	-14.8	1.58 V	305	41.3	17.9
6	11420.00	45.1 AV	54.0	-8.9	1.58 V	305	27.2	17.9
7	#17130.00	-	-	-	-	-	-	-
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

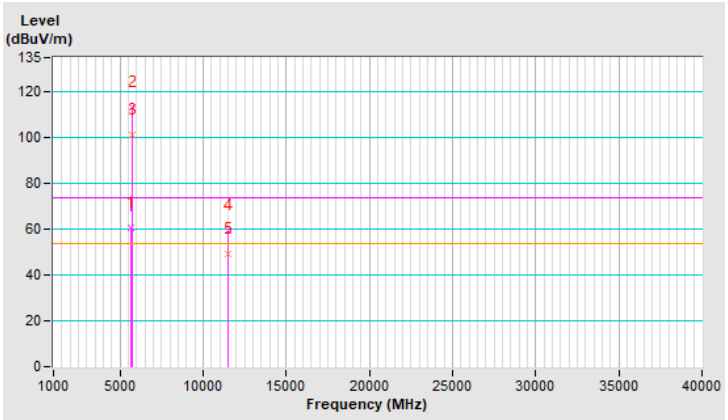


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	60.7 PK	68.2	-7.5	2.34 H	334	54.4	6.3
2	*5755.00	113.1 PK			2.39 H	333	70.8	42.3
3	*5755.00	101.1 AV			2.39 H	333	58.8	42.3
4	11510.00	59.7 PK	74.0	-14.3	2.22 H	304	41.5	18.2
5	11510.00	49.3 AV	54.0	-4.7	2.22 H	304	31.1	18.2
6	#17265.00	-	-	-	-	-	-	-
7	23020.00	-	-	-	-	-	-	-
8	#28775.00	-	-	-	-	-	-	-
9	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

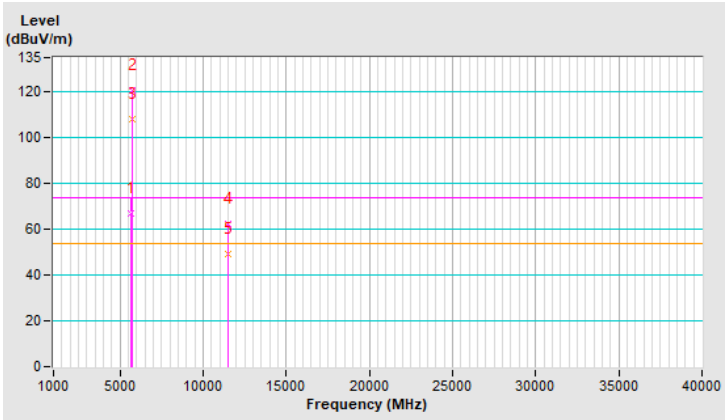


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**#5650.00**	**67.2 PK**	**68.2**	**-1.0**	**1.69 V**	**333**	**60.9**	**6.3**
2	*5755.00	120.8 PK			1.61 V	333	78.5	42.3
3	*5755.00	108.0 AV			1.61 V	333	65.7	42.3
4	11510.00	62.5 PK	74.0	-11.5	1.53 V	337	44.3	18.2
5	11510.00	49.2 AV	54.0	-4.8	1.53 V	337	31.0	18.2
6	#17265.00	-	-	-	-	-	-	-
7	23020.00	-	-	-	-	-	-	-
8	#28775.00	-	-	-	-	-	-	-
9	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

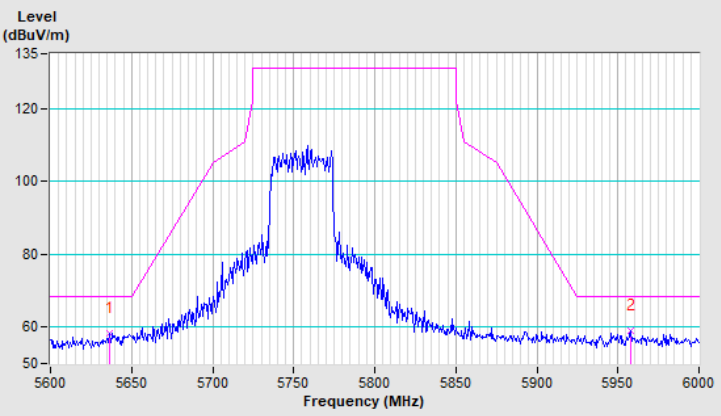


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.54	58.3 PK	68.2	-9.9	2.39 H	333	52.0	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5957.69	58.9 PK	68.2	-9.3	2.39 H	333	51.6	7.3
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

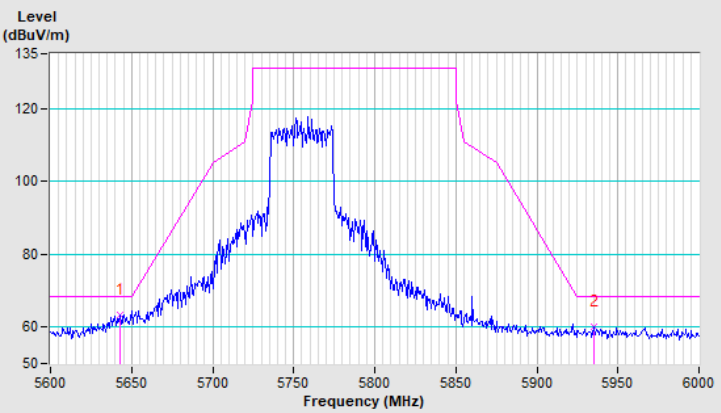


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.95	63.5 PK	68.2	-4.7	1.61 V	333	57.2	6.3
2	*5755.00	-	-	-	-	-	-	-
3	#5935.26	60.0 PK	68.2	-8.2	1.61 V	333	52.7	7.3
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

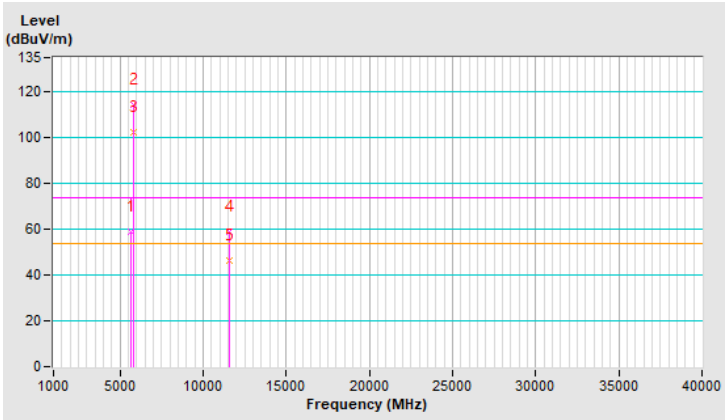


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	58.8 PK	68.2	-9.4	2.79 H	14	52.5	6.3
2	*5795.00	114.5 PK			2.46 H	335	72.3	42.2
3	*5795.00	102.2 AV			2.46 H	335	60.0	42.2
4	11590.00	58.8 PK	74.0	-15.2	2.51 H	328	41.0	17.8
5	11590.00	46.1 AV	54.0	-7.9	2.51 H	328	28.3	17.8
6	#17385.00	-	-	-	-	-	-	-
7	#23180.00	-	-	-	-	-	-	-
8	#28975.00	-	-	-	-	-	-	-
9	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

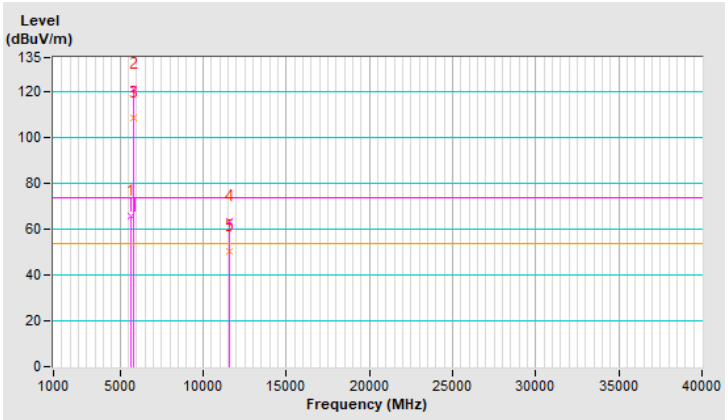


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	65.9 PK	68.2	-2.3	1.64 V	329	59.6	6.3
2	*5795.00	121.5 PK			1.67 V	330	79.3	42.2
3	*5795.00	108.8 AV			1.67 V	330	66.6	42.2
4	11590.00	63.5 PK	74.0	-10.5	1.64 V	360	45.7	17.8
5	11590.00	50.2 AV	54.0	-3.8	1.64 V	360	32.4	17.8
6	#17385.00	-	-	-	-	-	-	-
7	#23180.00	-	-	-	-	-	-	-
8	#28975.00	-	-	-	-	-	-	-
9	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

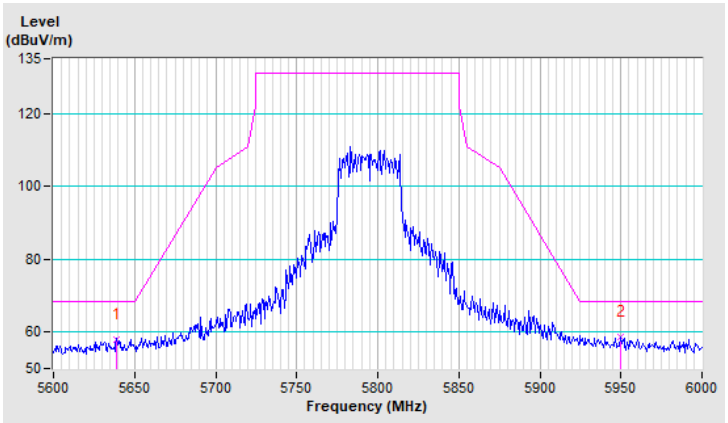


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.10	58.1 PK	68.2	-10.1	2.46 H	335	51.8	6.3
2	*5795.00	-	-	-	-	-	-	-
3	#5950.00	58.6 PK	68.2	-9.6	2.46 H	335	51.3	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

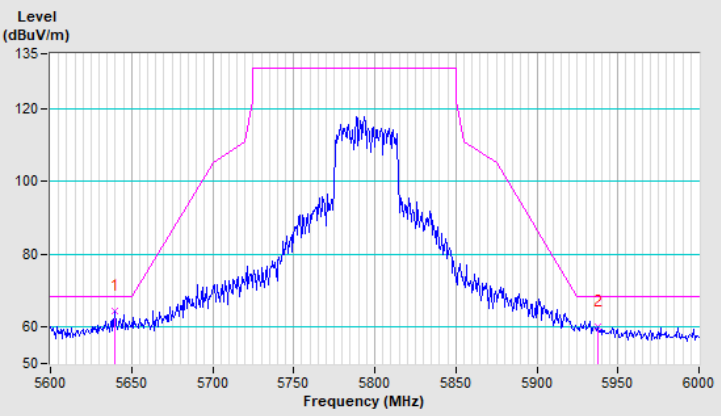


操 作 模 式 ：	發射 802.11ax (HE40)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.74	64.4 PK	68.2	-3.8	1.67 V	330	58.1	6.3
2	*5795.00	-	-	-	-	-	-	-
3	#5937.82	60.0 PK	68.2	-8.2	1.67 V	330	52.7	7.3
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

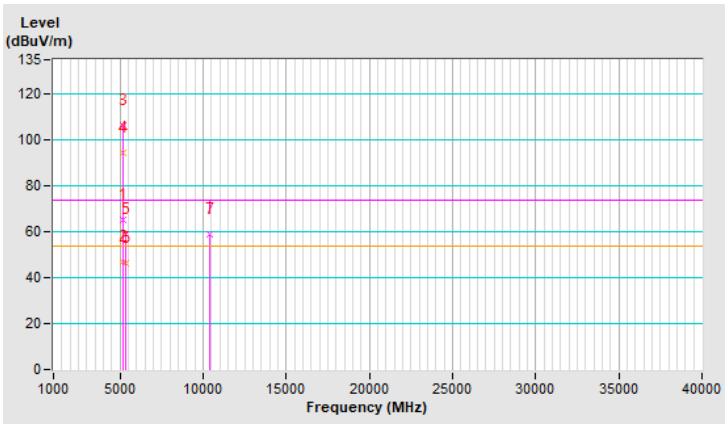


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.1 PK	74.0	-8.9	1.71 H	17	58.5	6.6
2	5150.00	46.7 AV	54.0	-7.3	1.71 H	17	40.1	6.6
3	*5210.00	106.2 PK			1.75 H	23	64.2	42.0
4	*5210.00	94.4 AV			1.75 H	23	52.4	42.0
5	5350.00	58.9 PK	74.0	-15.1	1.66 H	25	52.5	6.4
6	5350.00	46.1 AV	54.0	-7.9	1.66 H	25	39.7	6.4
7	#10420.00	59.1 PK	68.2	-9.1	2.12 H	23	41.9	17.2
8	15630.00	-	-	-	-	-	-	-
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

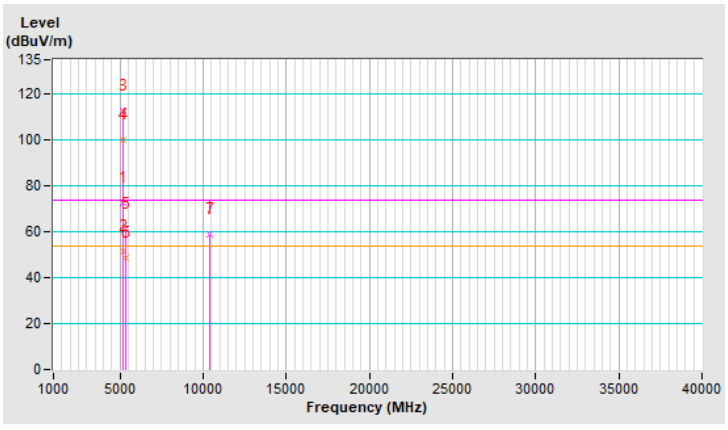


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 29 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	72.8 PK	74.0	-1.2	1.53 V	334	66.2	6.6
2	5150.00	51.3 AV	54.0	-2.7	1.53 V	334	44.7	6.6
3	*5210.00	112.5 PK			1.65 V	329	70.5	42.0
4	*5210.00	100.2 AV			1.65 V	329	58.2	42.0
5	5350.00	61.1 PK	74.0	-12.9	1.61 V	340	54.7	6.4
6	5350.00	48.4 AV	54.0	-5.6	1.61 V	340	42.0	6.4
7	#10420.00	58.7 PK	68.2	-9.5	2.01 V	223	41.5	17.2
8	15630.00	-	-	-	-	-	-	-
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

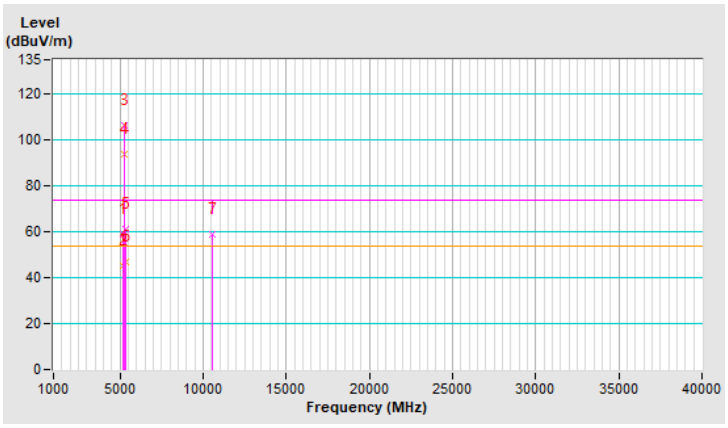


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.39 H	10	52.1	6.6
2	5150.00	45.1 AV	54.0	-8.9	1.39 H	10	38.5	6.6
3	*5290.00	106.5 PK			1.37 H	5	64.6	41.9
4	*5290.00	93.6 AV			1.37 H	5	51.7	41.9
5	5350.00	61.1 PK	74.0	-12.9	1.41 H	8	54.7	6.4
6	5350.00	46.7 AV	54.0	-7.3	1.41 H	8	40.3	6.4
7	#10580.00	58.9 PK	68.2	-9.3	1.71 H	341	41.5	17.4
8	15870.00	-	-	-	-	-	-	-
9	21160.00	-	-	-	-	-	-	-
10	#26450.00	-	-	-	-	-	-	-
11	31740.00	-	-	-	-	-	-	-
12	#37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

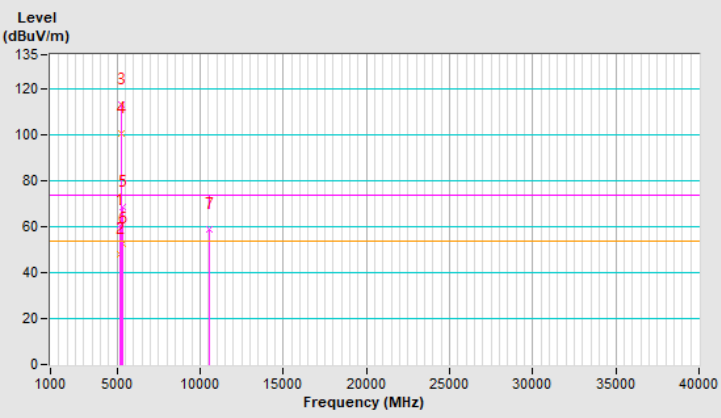


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 12 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.4 PK	74.0	-13.6	1.62 V	338	53.8	6.6
2	5150.00	47.8 AV	54.0	-6.2	1.62 V	338	41.2	6.6
3	*5290.00	113.0 PK			1.56 V	328	71.1	41.9
4	*5290.00	100.6 AV			1.56 V	328	58.7	41.9
5	5350.00	68.5 PK	74.0	-5.5	1.57 V	332	62.1	6.4
6	5350.00	52.8 AV	54.0	-1.2	1.57 V	332	46.4	6.4
7	#10580.00	59.0 PK	68.2	-9.2	1.35 V	328	41.6	17.4
8	15870.00	-	-	-	-	-	-	-
9	21160.00	-	-	-	-	-	-	-
10	#26450.00	-	-	-	-	-	-	-
11	31740.00	-	-	-	-	-	-	-
12	#37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

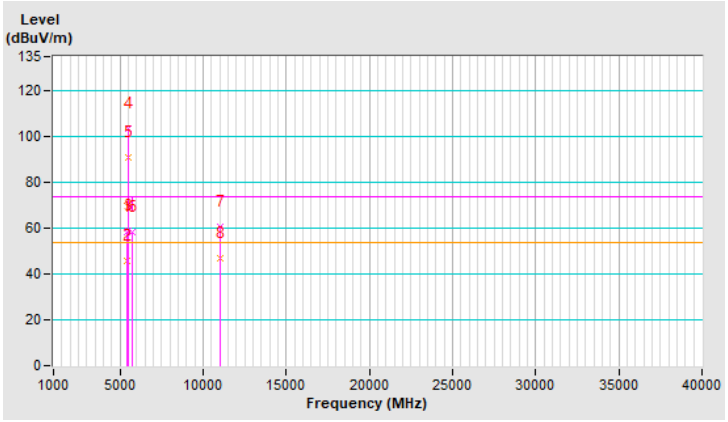


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	1.62 H	8	52.1	6.3
2	5460.00	45.5 AV	54.0	-8.5	1.62 H	8	39.2	6.3
3	#5470.00	58.9 PK	68.2	-9.3	1.68 H	8	52.6	6.3
4	*5530.00	103.8 PK			1.70 H	6	61.7	42.1
5	*5530.00	91.1 AV			1.70 H	6	49.0	42.1
6	#5725.00	58.3 PK	68.2	-9.9	1.66 H	12	51.8	6.5
7	11060.00	60.4 PK	74.0	-13.6	1.91 H	352	42.0	18.4
8	11060.00	46.7 AV	54.0	-7.3	1.91 H	352	28.3	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

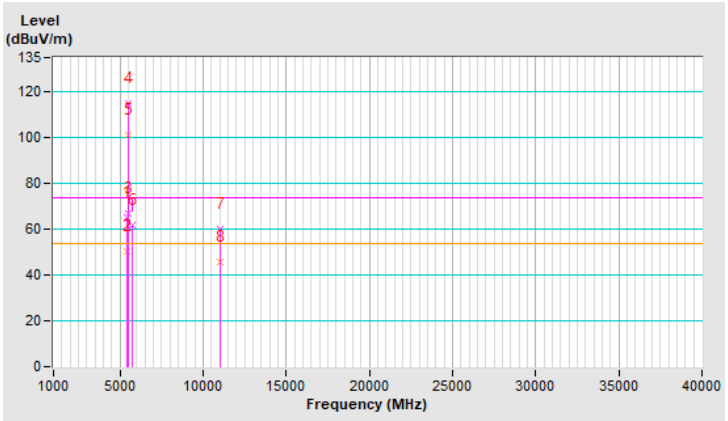


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.2 PK	74.0	-8.8	1.44 V	319	58.9	6.3
2	5460.00	50.6 AV	54.0	-3.4	1.44 V	319	44.3	6.3
3	#5470.00	66.8 PK	68.2	-1.4	1.51 V	332	60.5	6.3
4	*5530.00	114.7 PK			1.51 V	331	72.6	42.1
5	*5530.00	101.4 AV			1.51 V	331	59.3	42.1
6	#5725.00	61.9 PK	68.2	-6.3	1.48 V	340	55.4	6.5
7	11060.00	60.2 PK	74.0	-13.8	1.70 V	331	41.8	18.4
8	11060.00	46.0 AV	54.0	-8.0	1.70 V	331	27.6	18.4
9	#16590.00	-	-	-	-	-	-	-
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

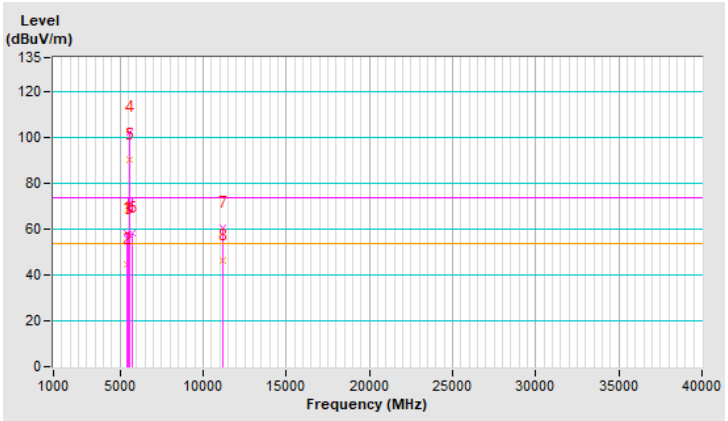


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.6 PK	74.0	-15.4	1.48 H	5	52.3	6.3
2	5460.00	44.7 AV	54.0	-9.3	1.48 H	5	38.4	6.3
3	#5470.00	57.9 PK	68.2	-10.3	1.43 H	8	51.6	6.3
4	*5610.00	102.6 PK			1.48 H	3	60.5	42.1
5	*5610.00	90.5 AV			1.48 H	3	48.4	42.1
6	#5725.00	58.6 PK	68.2	-9.6	1.50 H	13	52.1	6.5
7	11220.00	60.5 PK	74.0	-13.5	1.79 H	340	42.0	18.5
8	11220.00	46.1 AV	54.0	-7.9	1.79 H	340	27.6	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

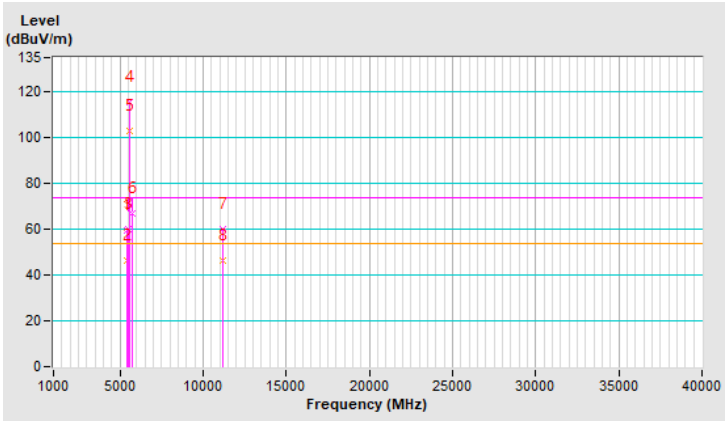


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.7 PK	74.0	-14.3	1.49 V	340	53.4	6.3
2	5460.00	46.6 AV	54.0	-7.4	1.49 V	340	40.3	6.3
3	#5470.00	60.3 PK	68.2	-7.9	1.44 V	328	54.0	6.3
4	*5610.00	115.5 PK			1.37 V	330	73.4	42.1
5	*5610.00	103.1 AV			1.37 V	330	61.0	42.1
6	#5725.00	66.9 PK	68.2	-1.3	1.46 V	334	60.4	6.5
7	11220.00	60.3 PK	74.0	-13.7	1.59 V	315	41.8	18.5
8	11220.00	46.4 AV	54.0	-7.6	1.59 V	315	27.9	18.5
9	#16830.00	-	-	-	-	-	-	-
10	22440.00	-	-	-	-	-	-	-
11	#28050.00	-	-	-	-	-	-	-
12	#33660.00	-	-	-	-	-	-	-
13	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

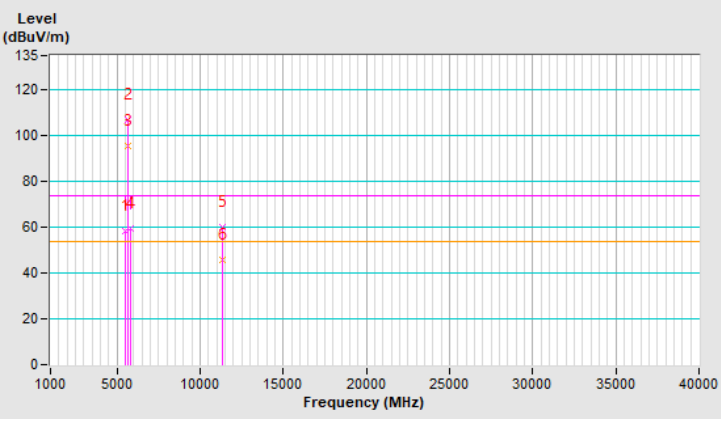


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.1 PK	68.2	-10.1	1.46 H	3	51.8	6.3
2	*5690.00	107.2 PK			1.41 H	1	64.9	42.3
3	*5690.00	95.3 AV			1.41 H	1	53.0	42.3
4	#5850.00	59.4 PK	68.2	-8.8	1.45 H	10	52.6	6.8
5	11380.00	60.0 PK	74.0	-14.0	1.88 H	335	42.2	17.8
6	11380.00	45.9 AV	54.0	-8.1	1.88 H	335	28.1	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

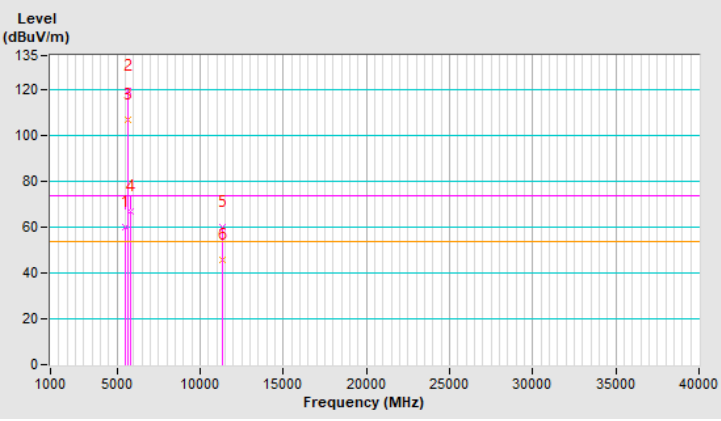


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	110 年 3 月 13 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.0 PK	68.2	-8.2	1.48 V	328	53.7	6.3
2	*5690.00	119.7 PK			1.55 V	330	77.4	42.3
3	*5690.00	107.1 AV			1.55 V	330	64.8	42.3
4	#5850.00	66.8 PK	68.2	-1.4	1.51 V	329	60.0	6.8
5	11380.00	59.9 PK	74.0	-14.1	1.69 V	332	42.1	17.8
6	11380.00	45.8 AV	54.0	-8.2	1.69 V	332	28.0	17.8
7	#17070.00	-	-	-	-	-	-	-
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

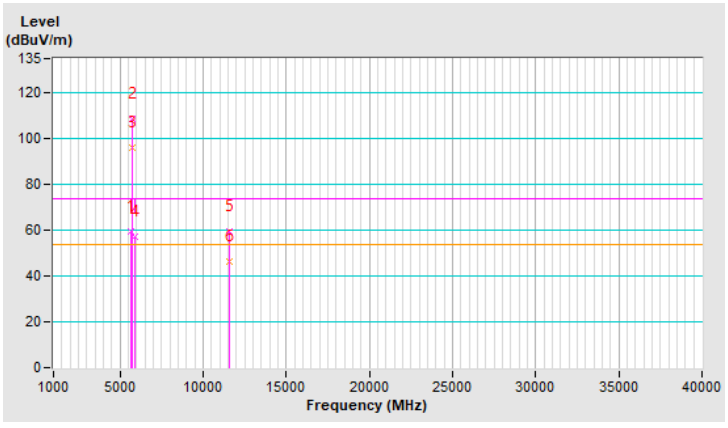


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	59.3 PK	68.2	-8.9	2.42 H	329	53.0	6.3
2	*5775.00	108.5 PK			2.94 H	12	66.3	42.2
3	*5775.00	96.0 AV			2.94 H	12	53.8	42.2
4	#5925.00	57.4 PK	68.2	-10.8	2.55 H	312	50.1	7.3
5	11550.00	59.7 PK	74.0	-14.3	2.73 H	276	41.6	18.1
6	11550.00	46.6 AV	54.0	-7.4	2.73 H	276	28.5	18.1
7	#17325.00	-	-	-	-	-	-	-
8	23100.00	-	-	-	-	-	-	-
9	#28875.00	-	-	-	-	-	-	-
10	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

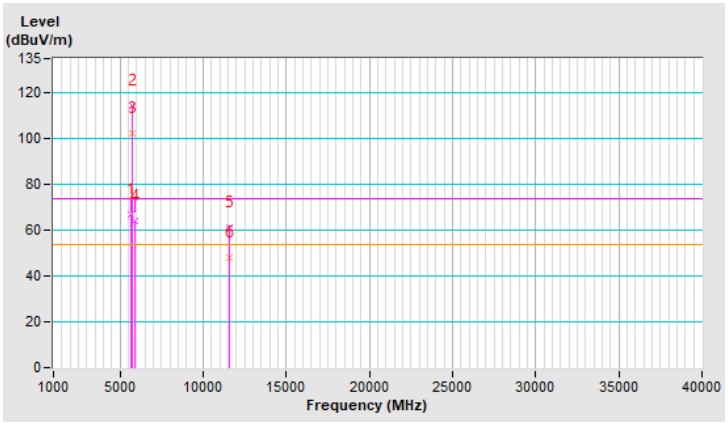


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	67.2 PK	68.2	-1.0	1.37 V	332	60.9	6.3
2	*5775.00	114.5 PK			1.60 V	334	72.3	42.2
3	*5775.00	102.4 AV			1.60 V	334	60.2	42.2
4	#5925.00	64.1 PK	68.2	-4.1	1.33 V	341	56.8	7.3
5	11550.00	61.1 PK	74.0	-12.9	1.42 V	353	43.0	18.1
6	11550.00	48.1 AV	54.0	-5.9	1.42 V	353	30.0	18.1
7	#17325.00	-	-	-	-	-	-	-
8	23100.00	-	-	-	-	-	-	-
9	#28875.00	-	-	-	-	-	-	-
10	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

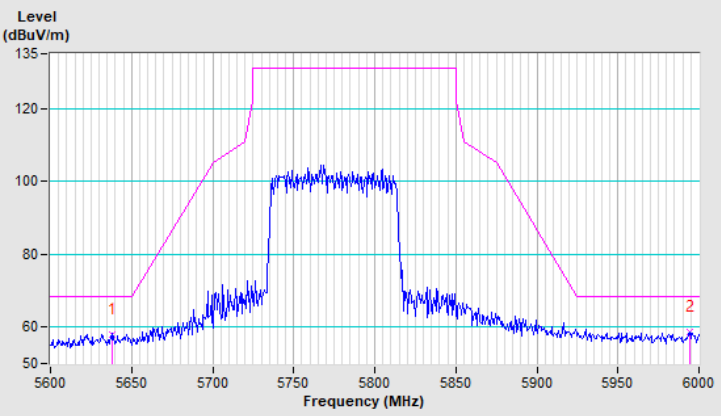


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5638.46	58.1 PK	68.2	-10.1	2.94 H	12	51.8	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5994.23	58.7 PK	68.2	-9.5	2.94 H	12	51.5	7.2
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

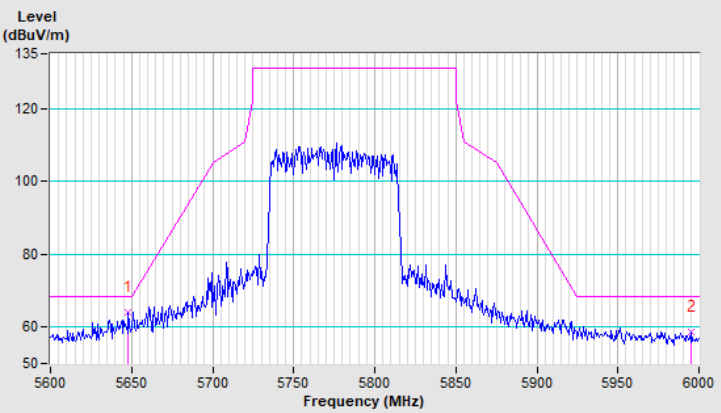


操 作 模 式 ：	發射 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz (OOBE)	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.08	64.1 PK	68.2	-4.1	1.60 V	334	57.8	6.3
2	*5775.00	-	-	-	-	-	-	-
3	#5995.51	58.8 PK	68.2	-9.4	1.60 V	334	51.6	7.2
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



9.6.2 接收諧波

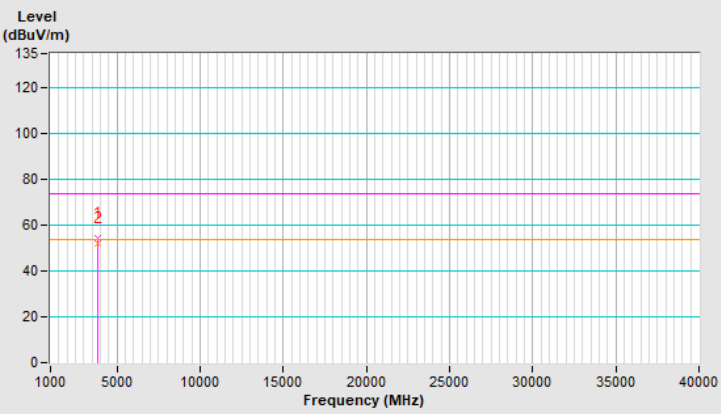
5G traffic radio (Radio 1)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	54.3 PK	74.0	-19.7	2.29 H	25	51.5	2.8
2	3830.00	52.1 AV	54.0	-1.9	2.29 H	25	49.3	2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

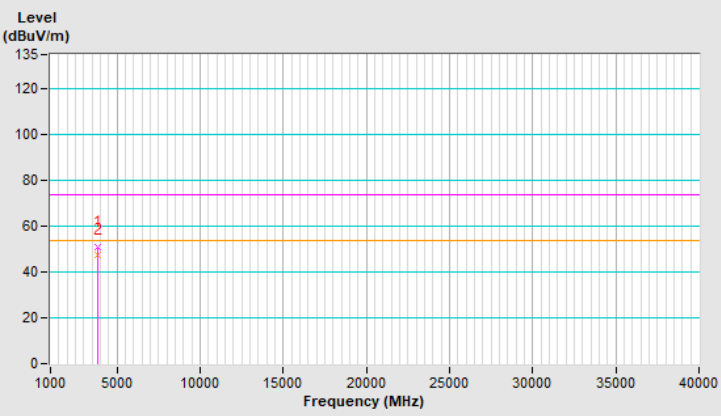


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	20℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 26 日	測 試 者 ：	鄭詠璋

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	51.0 PK	74.0	-23.0	3.78 V	321	48.2	2.8
2	3830.00	47.2 AV	54.0	-6.8	3.78 V	321	44.4	2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



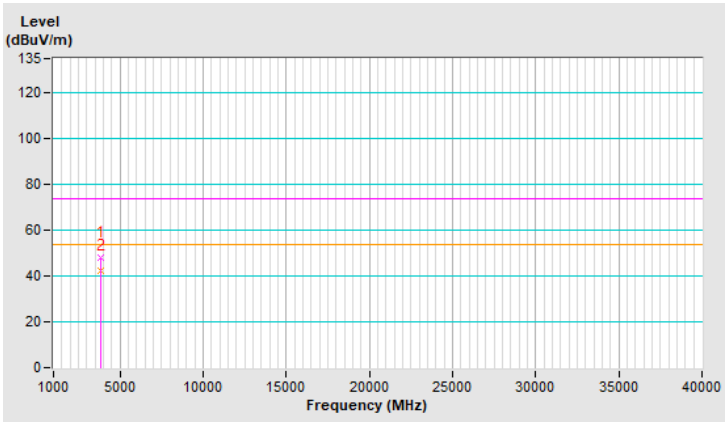
5G traffic radio (Radio 2)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3856.00	47.8 PK	74.0	-26.2	1.61 H	313	45.0	2.8
2	**3856.00**	**42.3 AV**	**54.0**	**-11.7**	**1.61 H**	**313**	**39.5**	**2.8**

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

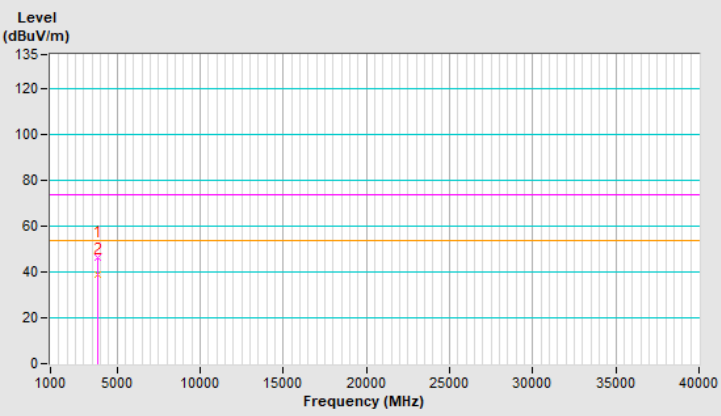


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 28 日	測 試 者 ：	許偉信

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3856.00	46.2 PK	74.0	-27.8	1.90 V	341	43.4	2.8
2	3856.00	38.8 AV	54.0	-15.2	1.90 V	341	36.0	2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



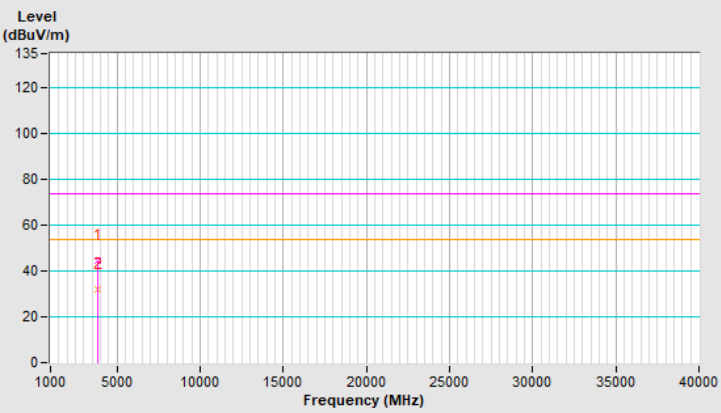
Scanning radio (Radio 3)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	44.8 PK	74.0	-29.2	2.45 H	196	42.0	2.8
2	3830.00	31.8 AV	54.0	-22.2	2.45 H	196	29.0	2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

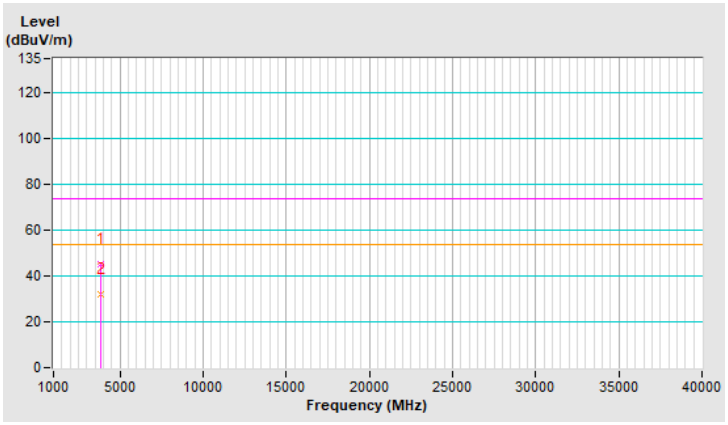


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量測場地溫度：	23℃	量測場地濕度：	69%RH
測 試 日 期 ：	109 年 12 月 30 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3830.00	45.0 PK	74.0	-29.0	1.66 V	220	42.2	2.8
2	3830.00	32.1 AV	54.0	-21.9	1.66 V	220	29.3	2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



9.6.3 其它不必要之訊號

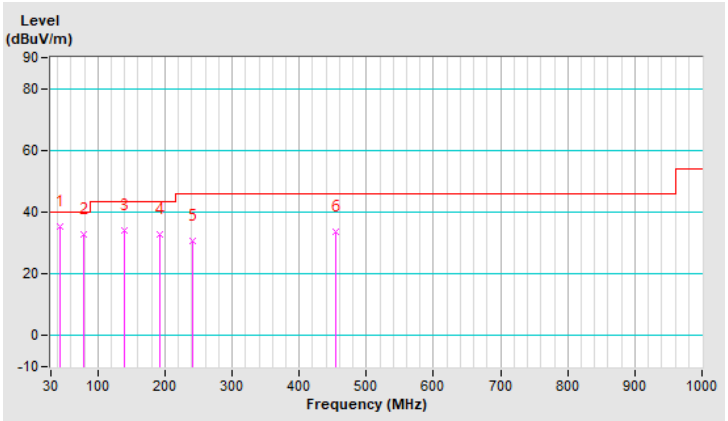
5G traffic radio (Radio 1)

操 作 模 式 ：	發射接收 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.06	35.5 QP	40.0	-4.5	1.00 H	250	44.7	-9.2
2	79.20	32.7 QP	40.0	-7.3	1.50 H	106	45.8	-13.1
3	139.65	33.9 QP	43.5	-9.6	1.50 H	143	42.9	-9.0
4	191.67	32.9 QP	43.5	-10.6	2.00 H	259	43.9	-11.0
5	240.87	30.6 QP	46.0	-15.4	1.50 H	54	39.7	-9.1
6	454.55	33.5 QP	46.0	-12.5	2.00 H	169	36.6	-3.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

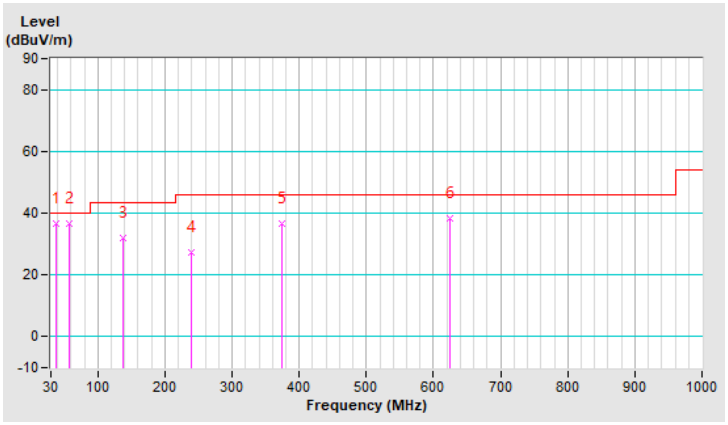


操 作 模 式 ：	發射接收 802.11ax (HE20)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.43	36.7 QP	40.0	-3.3	1.50 V	265	46.5	-9.8
2	**58.12**	**36.8 QP**	**40.0**	**-3.2**	**1.50 V**	**14**	**46.1**	**-9.3**
3	138.25	31.9 QP	43.5	-11.6	1.50 V	274	41.0	-9.1
4	239.46	27.1 QP	46.0	-18.9	1.50 V	14	36.3	-9.2
5	374.42	36.6 QP	46.0	-9.4	1.00 V	142	41.7	-5.1
6	624.65	38.2 QP	46.0	-7.8	2.00 V	187	37.4	0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



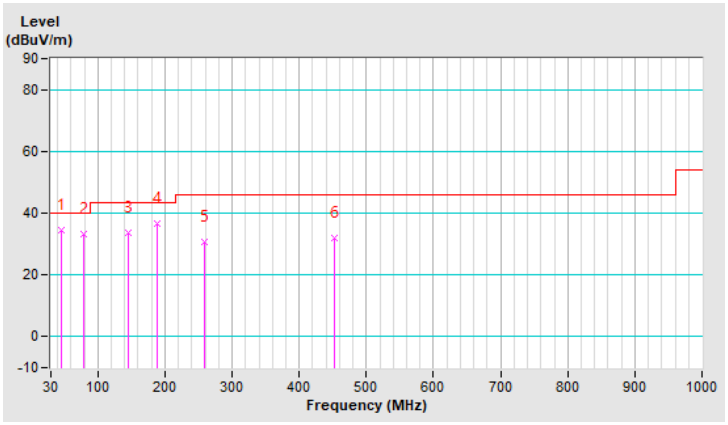
5G traffic radio (Radio 2)

操 作 模 式 ：	發射接收 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	45.46	34.5 QP	40.0	-5.5	2.00 H	220	43.6	-9.1
2	79.20	33.3 QP	40.0	-6.7	1.00 H	140	46.4	-13.1
3	145.28	33.6 QP	43.5	-9.9	1.50 H	205	42.3	-8.7
4	187.45	36.5 QP	43.5	-7.0	1.50 H	239	47.2	-10.7
5	259.14	30.7 QP	46.0	-15.3	1.50 H	260	38.8	-8.1
6	453.14	31.9 QP	46.0	-14.1	1.00 H	156	35.1	-3.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

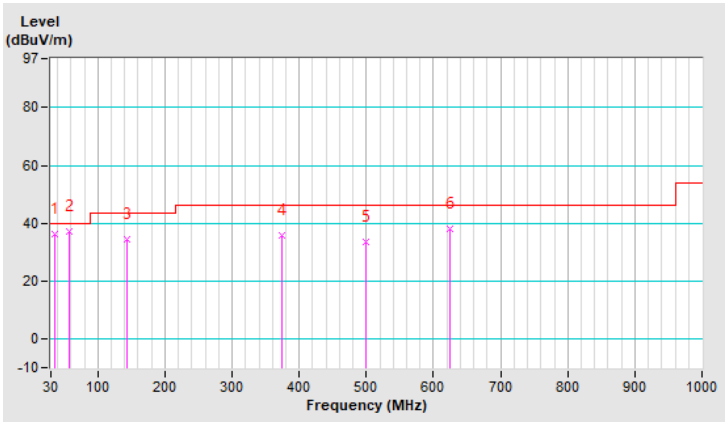


操 作 模 式 ：	發射接收 802.11ax (HE80)	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.62	36.1 QP	40.0	-3.9	1.00 V	5	46.4	-10.3
2	58.12	37.0 QP	40.0	-3.0	1.50 V	18	46.3	-9.3
3	142.46	34.3 QP	43.5	-9.2	1.50 V	263	43.2	-8.9
4	374.42	35.9 QP	46.0	-10.1	1.50 V	144	41.0	-5.1
5	499.54	33.3 QP	46.0	-12.7	2.00 V	326	35.6	-2.3
6	624.65	38.2 QP	46.0	-7.8	1.50 V	178	37.4	0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



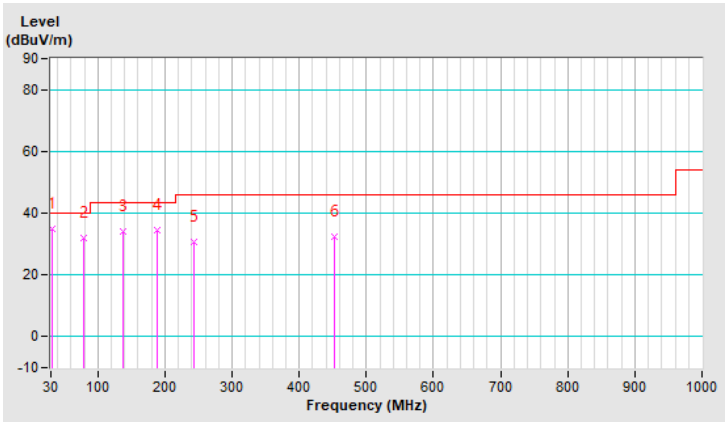
Scanning radio (Radio 3)

操 作 模 式 ：	發射接收 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.81	35.1 QP	40.0	-4.9	1.00 H	269	46.0	-10.9
2	79.20	31.9 QP	40.0	-8.1	1.50 H	300	45.0	-13.1
3	136.84	34.2 QP	43.5	-9.3	2.00 H	151	43.5	-9.3
4	187.45	34.4 QP	43.5	-9.1	1.50 H	236	45.1	-10.7
5	242.28	30.7 QP	46.0	-15.3	1.00 H	58	39.7	-9.0
6	453.14	32.5 QP	46.0	-13.5	1.50 H	143	35.7	-3.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

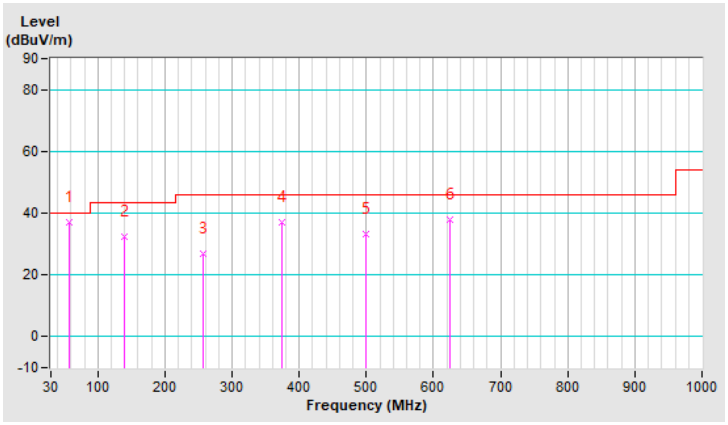


操 作 模 式 ：	發射接收 802.11a	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	檢測器與頻寬：	(QP) RB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測 試 日 期 ：	109 年 12 月 25 日	測 試 者 ：	彭民達

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**56.71**	**36.9 QP**	**40.0**	**-3.1**	**1.50 V**	**4**	**46.2**	**-9.3**
2	139.65	32.2 QP	43.5	-11.3	1.50 V	263	41.2	-9.0
3	257.74	26.7 QP	46.0	-19.3	1.50 V	4	34.8	-8.1
4	374.42	36.9 QP	46.0	-9.1	1.00 V	140	42.0	-5.1
5	499.54	33.2 QP	46.0	-12.8	1.50 V	337	35.5	-2.3
6	624.65	38.0 QP	46.0	-8.0	1.00 V	187	37.2	0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



9.7 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

9.8 配置照片

請參閱附件測試設置照片(BV CPS 報告編號：RTBDYS-WTW-P20110911A_TSup)。

10 電源線傳導干擾之量測

10.1 適用標準

請見本報告3.1節第1項的規定。

10.2 量測方法

將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由0.15MHz至30MHz之間之電源線傳導放射強度。

10.3 量測儀器

同 5.3 節。

10.4 測試配置

同 5.4 節。

10.5 干擾值之計算

同 5.5 節。

10.6 量測結果

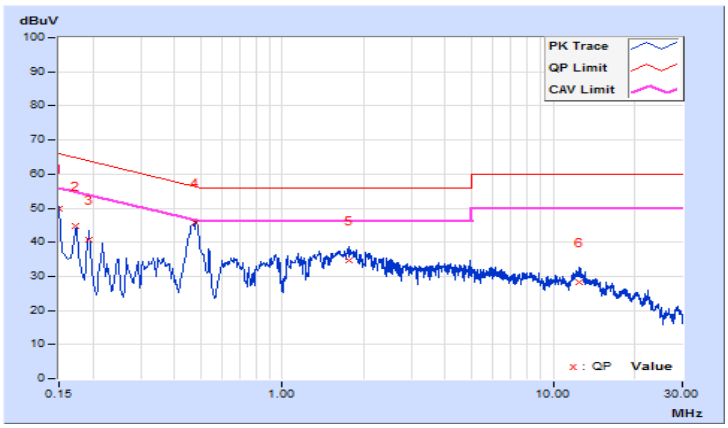
5G traffic radio (Radio 1)

量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 : 火線 (L1)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15000	9.65	40.07	27.38	49.72	37.03	66.00	56.00	-16.28	-18.97
2	0.17293	9.65	35.20	21.99	44.85	31.64	64.82	54.82	-19.97	-23.18
3	0.19400	9.66	31.13	17.19	40.79	26.85	63.86	53.86	-23.07	-27.01
4	0.47800	9.66	36.20	31.46	45.86	41.12	56.37	46.37	-10.51	-5.25
5	1.76200	9.69	25.13	20.91	34.82	30.60	56.00	46.00	-21.18	-15.40
6	12.54600	9.82	18.30	13.54	28.12	23.36	60.00	50.00	-31.88	-26.64

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)

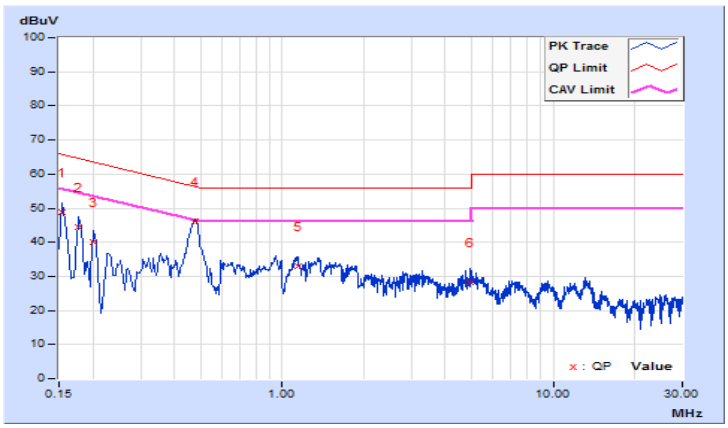


量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 中性線 (N)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15400	9.68	39.10	26.14	48.78	35.82	65.78	55.78	-17.00	-19.96
2	0.17800	9.68	34.71	20.81	44.39	30.49	64.58	54.58	-20.19	-24.09
3	0.20200	9.68	30.26	16.19	39.94	25.87	63.53	53.53	-23.59	-27.66
4	**0.47800**	**9.68**	**36.38**	**31.67**	**46.06**	**41.35**	**56.37**	**46.37**	**-10.31**	**-5.02**
5	1.14200	9.70	23.28	19.10	32.98	28.80	56.00	46.00	-23.02	-17.20
6	4.95000	9.78	18.35	12.13	28.13	21.91	56.00	46.00	-27.87	-24.09

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)



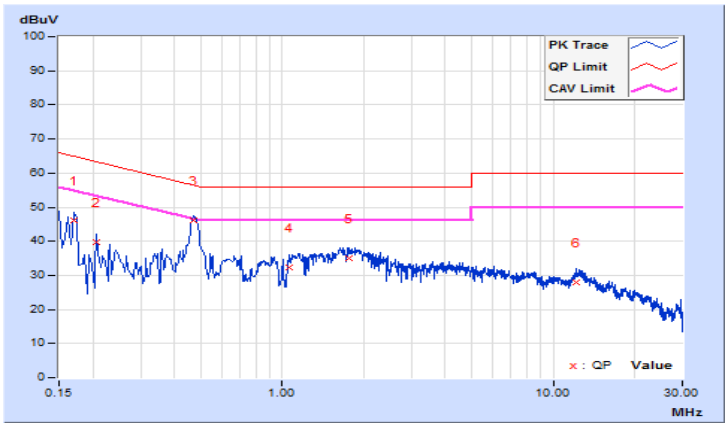
5G traffic radio (Radio 2)

量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 火線 (L1)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.17000	9.65	36.37	23.15	46.02	32.80	64.96	54.96	-18.94	-22.16
2	0.20600	9.66	30.15	17.38	39.81	27.04	63.37	53.37	-23.56	-26.33
3	0.47000	9.66	36.45	30.87	46.11	40.53	56.51	46.51	-10.40	-5.98
4	1.05800	9.67	22.51	17.78	32.18	27.45	56.00	46.00	-23.82	-18.55
5	1.77400	9.69	25.28	21.10	34.97	30.79	56.00	46.00	-21.03	-15.21
6	12.24600	9.82	18.29	13.55	28.11	23.37	60.00	50.00	-31.89	-26.63

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)

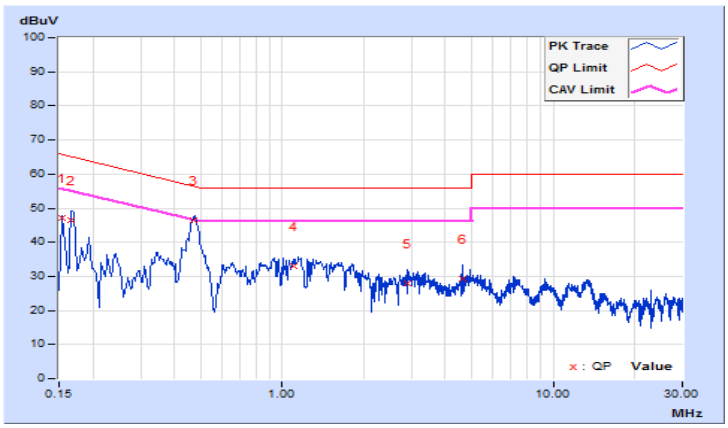


量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 中性線 (N)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15400	9.68	37.33	26.16	47.01	35.84	65.78	55.78	-18.77	-19.94
2	0.16600	9.68	36.77	22.72	46.45	32.40	65.16	55.16	-18.71	-22.76
3	0.47185	9.68	36.74	31.18	46.42	40.86	56.48	46.48	-10.06	-5.62
4	1.10600	9.69	23.38	19.32	33.07	29.01	56.00	46.00	-22.93	-16.99
5	2.90594	9.75	18.07	11.50	27.82	21.25	56.00	46.00	-28.18	-24.75
6	4.64600	9.78	19.41	11.30	29.19	21.08	56.00	46.00	-26.81	-24.92

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)



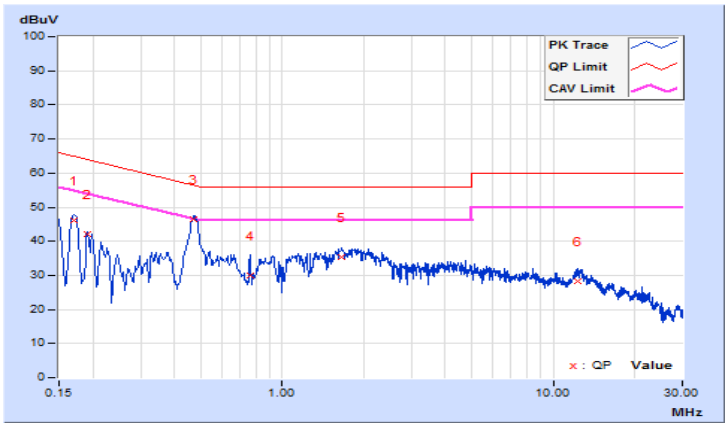
Scanning radio (Radio 3)

量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 火線 (L1)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.16932	9.65	36.55	23.39	46.20	33.04	64.99	54.99	-18.79	-21.95
2	0.19000	9.66	32.50	18.97	42.16	28.63	64.04	54.04	-21.88	-25.41
3	0.47309	9.66	36.65	31.22	46.31	40.88	56.46	46.46	-10.15	-5.58
4	0.75800	9.67	20.13	13.69	29.80	23.36	56.00	46.00	-26.20	-22.64
5	1.65360	9.69	25.74	21.51	35.43	31.20	56.00	46.00	-20.57	-14.80
6	12.30200	9.82	18.42	13.64	28.24	23.46	60.00	50.00	-31.76	-26.54

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)

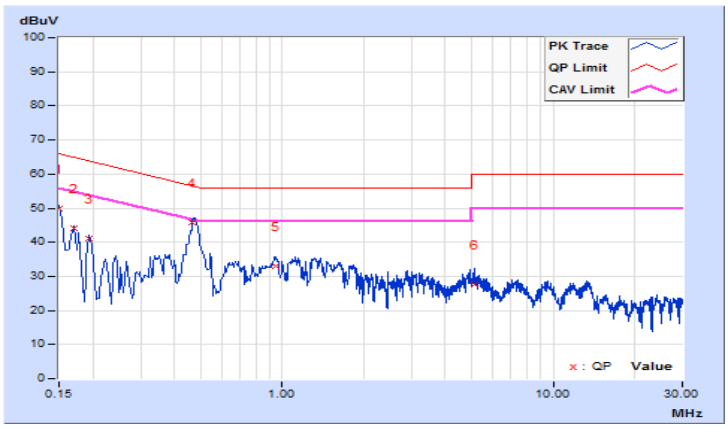


量測頻率範圍	150kHz ~ 30MHz	檢測器與頻寬	準峰值 (QP) / 平均值 (AV), 9kHz
量測電壓值	110Vac, 60Hz	量測場地溫濕度	23℃, 67%RH
測試者	彭民達	測試日期	2020/12/25

量測電源端點 ： 中性線 (N)										
No	頻率 (MHz)	修正因子 (dB)	量測讀值 (dBuV)		干擾值 (dBuV)		限制值 (dBuV)		餘裕 (dB)	
			準峰值	平均值	準峰值	平均值	準峰值	平均值	準峰值	平均值
1	0.15000	9.68	40.24	27.23	49.92	36.91	66.00	56.00	-16.08	-19.09
2	0.16977	9.68	34.33	23.12	44.01	32.80	64.97	54.97	-20.96	-22.17
3	0.19400	9.68	31.25	16.66	40.93	26.34	63.86	53.86	-22.93	-27.52
4	0.46690	9.68	36.18	30.79	45.86	40.47	56.57	46.57	-10.71	-6.10
5	0.95000	9.69	23.29	18.69	32.98	28.38	56.00	46.00	-23.02	-17.62
6	5.15800	9.78	17.84	11.63	27.62	21.41	60.00	50.00	-32.38	-28.59

附註：

1. 其它頻率的干擾值對限制值而言非常低，所以未記錄。
2. 餘裕值(dB) = 干擾值(dBuV) – 限制值(dBuV)
3. 干擾值(dBuV) = 修正因子(dB) + 量測讀值(dBuV)



10.7 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

10.8 配置照片

請參閱附件測試設置照片(BV CPS 報告編號：RTBDYS-WTW-P20110911A_TSup)。

11 峰值傳導輸出功率量測及發射頻寬之要求

11.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	☒請見本報告 3.1 節第 6 項(II)(A)及 4 項(II)(A)的規定(供戶外操作使用)
	☒請見本報告 3.1 節第 6 項(II)(A)及 4 項(II)(B)的規定(供室內操作使用)
	☐請見本報告 3.1 節第 6 項(II)(A)及 4 項(II)(C)的規定(供固定式點對點操作使用)
	☐請見本報告 3.1 節第 6 項(II)(B)及 4 項(II)(D)的規定(供用戶端裝置使用)
☒ 5.25 GHz~5.35 GHz	請見本報告 3.1 節第 6 項(III)及 4 項(III)的規定
☒ 5.470 GHz~5.725 GHz	請見本報告 3.1 節第 6 項(III)及 4 項(III)的規定
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 6 項(IV)及 4 項(IV)的規定

11.2 量測方法

輸出峰值功率量測方法:
a) 將待測物輸出經由衰減器接到功率計上。
b) 設定待測物處於連續發射狀態。
c) 計算其輸出功率峰值。

For transmission above 5.725GHz where the EBW crosses 5.725GHz
a) 將待測物輸出接到頻譜分析儀上。
b) 設定待測物處於連續發射狀態。
c) 設定頻譜掃瞄寬為26dB occupied bandwidth。
d) 設置解析頻寬為1MHz, 視訊頻寬為3倍的解析頻寬。
e) 設置測試掃瞄點數要大於2倍的(span/RBW)。
f) 設置檢波器為RMS。
g) 設置掃瞄時間為auto。
h) 設置Trigger模式為free run (當Duty cycle大於98%)；設置Trigger模式為Video trigger(當Duty cycle小於98%)。
i) 設置Trace mode為average 至少100次。
j) 待掃描結果穩定。
k) 使用頻譜的內建band power功能,量測26dB bandwidth內最大功率值。

發射頻寬量測方法:
a) 將待測物輸出經由衰減器接到頻譜分析儀上。
b) 設定待測物處於連續發射狀態。
c) 最大輸出功率峰值減26dB的最大頻率範圍。

11.3 量測儀器

峰值傳導輸出功率量測儀器:同7.3節。
發射頻寬之量測儀器: 同6.3節。

11.4 測試配置

峰值傳導輸出功率測試配置:同7.4節。
發射頻寬之測試配置: 同6.4節。

11.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日、 110 年 03 月 27 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

5G traffic radio (Radio 1)

Power Output:

For 5500 ~ 5720MHz and 5745 ~ 5825MHz

CDD Mode

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	11.05	11.10	25.618	14.09	19.18	Pass
116	5580	10.15	10.05	20.467	13.11	19.18	Pass
140	5700	11.10	11.32	26.434	14.22	19.18	Pass
144	5720 (U-NII-2C)	7.01	7.87	11.902	10.76	18.14	Pass
144	5720 (U-NII-3)	1.03	2.45	3.231	5.09	25.18	Pass
149	5745	21.98	22.03	317.349	25.02	25.18	Pass
157	5785	21.88	22.26	322.437	25.08	25.18	Pass
165	5825	22.05	21.95	317.000	25.01	25.18	Pass

Note:
1. 5500-5700MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5720MHz (U-NII-2C): Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 22.96-(10.82-6) = 18.14dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (21.69) = 24.36 dBm > 24 dBm.
2. 11 dBm + 10log (21.76) = 24.37 dBm > 24 dBm.
3. 11 dBm + 10log (21.75) = 24.37 dBm > 24 dBm.
4. 11 dBm + 10log (15.71) = 22.96 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.70) = 24.36 dBm > 24 dBm.
2. 11 dBm + 10log (21.67) = 24.35 dBm > 24 dBm.
3. 11 dBm + 10log (21.85) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.74) = 22.97 dBm < 24 dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	11.97	12.00	31.589	15.00	19.18	Pass
116	5580	11.03	11.07	25.47	14.06	19.18	Pass
140	5700	11.06	11.00	25.354	14.04	19.18	Pass
144	5720 (U-NII-2C)	9.59	9.46	18.489	12.67	18.19	Pass
144	5720 (U-NII-3)	5.13	4.50	6.266	7.97	25.18	Pass
149	5745	21.80	21.75	300.980	24.79	25.18	Pass
157	5785	21.94	21.96	313.351	24.96	25.18	Pass
165	5825	22.07	21.40	299.103	24.76	25.18	Pass

Note:
1. 5500-5700MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5720MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 23.01-(10.82-6) = 18.19dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
4. 11 dBm + 10log (15.94) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.92) = 23.01 dBm < 24 dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
102	5510	15.05	15.66	68.802	18.38	19.18	Pass
110	5550	14.10	14.64	54.811	17.39	19.18	Pass
134	5670	14.14	14.40	53.484	17.28	19.18	Pass
142	5710 (U-NII-2C)	11.61	11.38	29.612	14.71	19.18	Pass
142	5710 (U-NII-3)	2.78	3.63	4.41	6.44	25.18	Pass
151	5755	22.08	21.43	300.431	24.78	25.18	Pass
159	5795	21.97	21.46	297.357	24.73	25.18	Pass

Note:
1. 5510-5670MHz & 5710 MHz (U-NII-2C) Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.54) = 27.18 dBm > 24 dBm.
3. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.54) = 26.50 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.48) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.59) = 26.51 dBm > 24 dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	12.04	12.04	31.991	15.05	19.18	Pass
116	5580	11.09	11.09	25.706	14.10	19.18	Pass
140	5700	11.13	11.06	25.736	14.11	19.18	Pass
144	5720 (U-NII-2C)	9.68	9.52	18.812	12.74	18.19	Pass
144	5720 (U-NII-3)	5.22	4.56	6.377	8.05	25.18	Pass
149	5745	21.91	21.87	309.054	24.90	25.18	Pass
157	5785	22.04	22.06	320.650	25.06	25.18	Pass
165	5825	22.16	21.55	307.327	24.88	25.18	Pass

Note:
1. 5500-5700MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5720MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 23.01-(10.82-6) = 18.19dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
4. 11 dBm + 10log (15.94) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.92) = 23.01 dBm < 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
102	5510	15.14	15.70	69.812	18.44	19.18	Pass
110	5550	14.19	14.67	55.551	17.45	19.18	Pass
134	5670	14.20	14.46	54.228	17.34	19.18	Pass
142	5710 (U-NII-2C)	11.69	11.48	30.231	14.80	19.18	Pass
142	5710 (U-NII-3)	2.86	3.73	4.503	6.54	25.18	Pass
151	5755	22.17	21.58	308.696	24.90	25.18	Pass
159	5795	22.07	21.51	302.644	24.81	25.18	Pass

Note:
1. 5510-5670MHz & 5710 MHz (U-NII-2C) Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.54) = 27.18 dBm > 24 dBm.
3. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.54) = 26.50 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.48) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.59) = 26.51 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
106	5530	16.25	15.54	77.979	18.92	19.18	Pass
122	5610	16.28	15.48	77.78	18.91	19.18	Pass
138	5690 (U-NII-2C)	11.83	11.76	33.061	15.19	19.18	Pass
138	5690 (U-NII-3)	-1.09	-1.20	1.6801	2.25	25.18	Pass
155	5775	19.73	19.27	178.500	22.52	25.18	Pass

Note:
1. 5530-5610MHz & 5690 MHz (U-NII-2C): Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5690 MHz (U-NII-3) & 5755MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (82.34) = 30.15 dBm > 24 dBm.
2. 11 dBm + 10log (82.47) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (82.49) = 30.16 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	12.11	12.14	32.624	15.14	19.18	Pass
116	5580	11.16	11.19	26.214	14.19	19.18	Pass
140	5700	11.19	11.13	26.124	14.17	19.18	Pass
144	5720 (U-NII-2C)	9.73	9.61	19.116	12.81	18.19	Pass
144	5720 (U-NII-3)	5.27	4.65	6.478	8.11	25.18	Pass
149	5745	22.01	21.98	316.616	25.01	25.18	Pass
157	5785	22.13	22.15	327.364	25.15	25.18	Pass
165	5825	22.24	21.69	315.065	24.98	25.18	Pass

Note:
1. 5500-5700MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5720MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 23.01-(10.82-6) = 18.19dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
4. 11 dBm + 10log (15.94) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.92) = 23.01 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
102	5510	15.20	15.80	71.132	18.52	19.18	Pass
110	5550	14.24	14.75	56.4	17.51	19.18	Pass
134	5670	14.28	14.55	55.302	17.43	19.18	Pass
142	5710 (U-NII-2C)	11.76	11.53	30.653	14.86	19.18	Pass
142	5710 (U-NII-3)	2.93	3.78	4.565	6.59	25.18	Pass
151	5755	22.25	21.62	313.092	24.96	25.18	Pass
159	5795	22.16	21.65	310.655	24.92	25.18	Pass

Note:
1. 5510-5670MHz & 5710 MHz (U-NII-2C) Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5710 MHz (U-NII-3) & 5755-5795 MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.54) = 27.18 dBm > 24 dBm.
3. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.54) = 26.50 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.48) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.59) = 26.51 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
106	5530	16.33	15.61	79.345	19.00	19.18	Pass
122	5610	16.35	15.55	79.044	18.98	19.18	Pass
138	5690 (U-NII-2C)	11.93	11.83	33.715	15.28	19.18	Pass
138	5690 (U-NII-3)	-0.99	-1.13	1.7134	2.34	25.18	Pass
155	5775	19.85	19.34	182.506	22.61	25.18	Pass

Note:
1. 5530-5610MHz & 5690 MHz (U-NII-2C): Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 24-(10.82-6) = 19.18dBm.
2. 5690 MHz (U-NII-3) & 5775MHz: Max. Gain = 10.82dBi > 6dBi, so the power limit shall be reduced to 30-(10.82-6) = 25.18dBm.

Chain 0
1. 11 dBm + 10log (82.34) = 30.15 dBm > 24 dBm.
2. 11 dBm + 10log (82.47) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (82.49) = 30.16 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

Beamforming Mode

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	9.04	9.05	16.052	12.06	16.46	Pass
116	5580	8.06	8.11	12.869	11.10	16.46	Pass
140	5700	8.08	8.07	12.839	11.09	16.46	Pass
144	5720 (U-NII-2C)	6.65	6.50	9.374	9.72	15.47	Pass
144	5720 (U-NII-3)	2.19	1.54	3.177	5.02	22.46	Pass
149	5745	18.90	18.86	154.538	21.89	22.46	Pass
157	5785	19.03	19.05	160.336	22.05	22.46	Pass
165	5825	19.15	18.54	153.674	21.87	22.46	Pass

Note:

1. 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5720 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power limit shall be reduced to 23.01-(13.54-6) = 15.47dBm.
3. 5720 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
4. 5745-5825MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0

1. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
4. 11 dBm + 10log (15.94) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.92) = 23.01 dBm < 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
102	5510	12.14	12.71	35.032	15.44	16.46	Pass
110	5550	11.15	11.64	27.62	14.41	16.46	Pass
134	5670	11.17	11.45	27.056	14.32	16.46	Pass
142	5710 (U-NII-2C)	8.65	8.43	14.995	11.76	16.46	Pass
142	5710 (U-NII-3)	-0.18	0.68	2.2333	3.49	22.46	Pass
151	5755	19.16	18.57	154.359	21.89	22.46	Pass
159	5795	19.06	18.50	151.332	21.80	22.46	Pass

Note:
1. 5510-5670MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5710 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. 5755-5795MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0
1. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.54) = 27.18 dBm > 24 dBm.
3. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.54) = 26.50 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.48) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.59) = 26.51 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
106	5530	13.27	12.52	39.097	15.92	16.46	Pass
122	5610	13.24	12.45	38.666	15.87	16.46	Pass
138	5690 (U-NII-2C)	8.83	8.76	16.57	12.19	16.46	Pass
138	5690 (U-NII-3)	-4.09	-4.20	0.842	-0.75	22.46	Pass
155	5775	16.72	16.26	89.256	19.51	22.46	Pass

Note:
1. 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5690 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. 5775MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0
1. 11 dBm + 10log (82.34) = 30.15 dBm > 24 dBm.
2. 11 dBm + 10log (82.47) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (82.49) = 30.16 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
100	5500	9.10	9.13	16.313	12.13	16.46	Pass
116	5580	8.15	8.18	13.108	11.18	16.46	Pass
140	5700	8.18	8.12	13.063	11.16	16.46	Pass
144	5720 (U-NII-2C)	6.72	6.60	9.559	9.80	15.47	Pass
144	5720 (U-NII-3)	2.26	1.64	3.239	5.10	22.46	Pass
149	5745	19.00	18.97	158.319	22.00	22.46	Pass
157	5785	19.12	19.14	**163.693**	22.14	22.46	Pass
165	5825	19.23	18.68	157.543	21.97	22.46	Pass

Note:
1. 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5720 (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power limit shall be reduced to 23.01-(13.54-6) = 15.47dBm.
3. 5720 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
4. 5745-5825MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0
1. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
4. 11 dBm + 10log (15.94) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.86) = 24.39 dBm > 24 dBm.
4. 11 dBm + 10log (15.92) = 23.01 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
102	5510	12.19	12.79	35.568	15.51	16.46	Pass
110	5550	11.23	11.74	28.202	14.50	16.46	Pass
134	5670	11.27	11.54	27.653	14.42	16.46	Pass
142	5710 (U-NII-2C)	8.75	8.52	15.327	11.85	16.46	Pass
142	5710 (U-NII-3)	-0.08	0.77	2.2824	3.58	22.46	Pass
151	5755	19.24	18.61	156.557	21.95	22.46	Pass
159	5795	19.15	18.64	155.338	21.91	22.46	Pass

Note:
1. 5510-5670MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5710 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. 5755-5795MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0
1. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.54) = 27.18 dBm > 24 dBm.
3. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.54) = 26.50 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.48) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (35.59) = 26.51 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
106	5530	13.32	12.60	39.675	15.99	16.46	Pass
122	5610	13.34	12.54	39.525	15.97	16.46	Pass
138	5690 (U-NII-2C)	8.92	8.82	16.859	12.27	16.46	Pass
138	5690 (U-NII-3)	-4.00	-4.14	0.8567	-0.67	22.46	Pass
155	5775	16.84	16.33	91.26	19.60	22.46	Pass

Note:
1. 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 24-(13.54-6) = 16.46dBm.
2. 5690 MHz (U-NII-3): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. 5775MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] =13.54dBi > 6dBi, so the power limit shall be reduced to 30-(13.54-6) = 22.46dBm.

Chain 0

1. 11 dBm + 10log (82.34) = 30.15 dBm > 24 dBm.
2. 11 dBm + 10log (82.47) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (82.49) = 30.16 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (75.84) = 29.79 dBm > 24 dBm.

26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
100	5500	21.69	21.70
116	5580	21.76	21.67
140	5700	21.75	21.85
144	5720 (U-NII-2C)	15.71	15.74
144	5720 (U-NII-3)	5.86	5.87

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
100	5500	21.86	21.87
116	5580	21.90	21.91
140	5700	21.95	21.86
144	5720 (U-NII-2C)	15.94	15.92
144	5720 (U-NII-3)	5.90	5.90

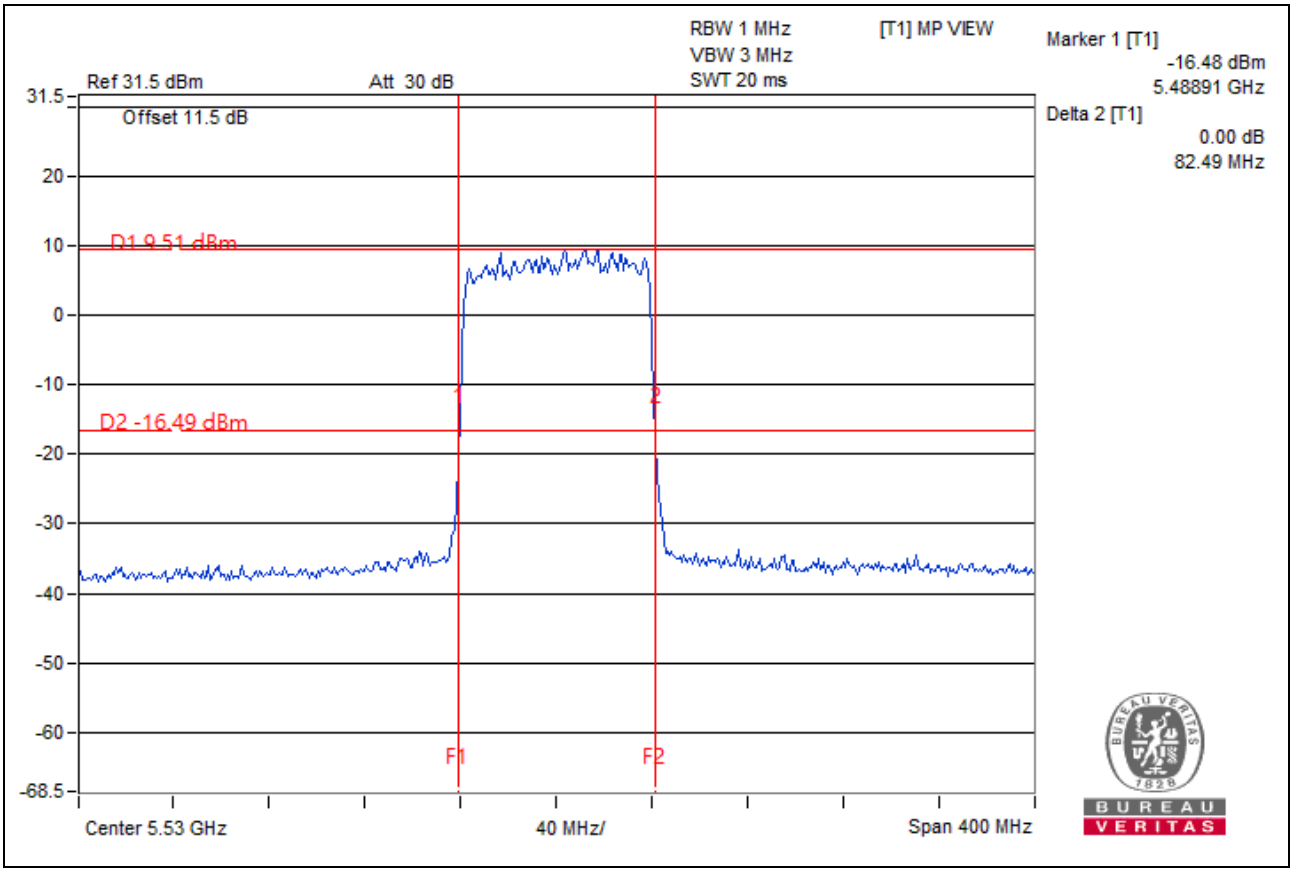
802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
102	5510	41.43	41.45
110	5550	41.54	41.43
134	5670	41.45	41.48
142	5710 (U-NII-2C)	35.54	35.59
142	5710 (U-NII-3)	5.59	5.60

802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
106	5530	82.34	82.49
122	5610	82.47	82.35
138	5690 (U-NII-2C)	75.84	75.84
138	5690 (U-NII-3)	6.25	6.22

**此測試圖僅放測試結果最差的頻道。



5G traffic radio (Radio 2)

Power Output:

For 5180 ~ 5240MHz

CDD Mode (Outdoor Access Point)

802.11a

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	16.54	16.37	88.433	19.47	25.46	-0.91	18.56	21.00	Pass
40	5200	18.28	18.84	143.857	21.58	25.46	-0.91	20.67	21.00	Pass
48	5240	18.25	18.48	137.304	21.38	25.46	-0.91	20.47	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	16.84	16.71	95.187	19.79	25.46	-0.91	18.88	21.00	Pass
40	5200	18.12	18.73	139.508	21.45	25.46	-0.91	20.54	21.00	Pass
48	5240	18.14	18.75	140.152	21.47	25.46	-0.91	20.56	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	15.99	15.32	73.760	18.68	25.46	-0.91	17.77	21.00	Pass
46	5230	18.38	18.02	132.252	21.21	25.46	-0.91	20.30	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	16.95	16.83	97.740	19.90	25.46	-0.91	18.99	21.00	Pass
40	5200	18.20	18.85	142.805	21.55	25.46	-0.91	20.64	21.00	Pass
48	5240	18.22	18.87	143.465	21.57	25.46	-0.91	20.66	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	16.09	15.48	75.963	18.81	25.46	-0.91	17.90	21.00	Pass
46	5230	18.44	18.11	134.538	21.29	25.46	-0.91	20.38	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	15.84	15.71	75.610	18.79	25.46	-0.91	17.88	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	17.05	16.94	100.13	20.01	25.46	-0.91	19.10	21.00	Pass
40	5200	18.37	18.96	147.411	21.69	25.46	-0.91	20.78	21.00	Pass
48	5240	18.39	18.98	**148.092**	21.71	25.46	-0.91	20.80	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	16.18	15.53	77.223	18.88	25.46	-0.91	17.97	21.00	Pass
46	5230	18.59	18.29	139.730	21.45	25.46	-0.91	20.54	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	15.95	15.83	77.637	18.90	25.46	-0.91	17.99	21.00	Pass

Note:
1. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.
2. Gain = -0.91dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (-0.91dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

CDD Mode (Indoor Access Point)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.54	16.37	88.433	19.47	25.46	Pass
40	5200	18.28	18.84	143.857	21.58	25.46	Pass
48	5240	18.25	18.48	137.304	21.38	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.84	16.71	95.187	19.79	25.46	Pass
40	5200	18.12	18.73	139.508	21.45	25.46	Pass
48	5240	18.14	18.75	15140.152	21.47	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	15.99	15.32	73.760	18.68	25.46	Pass
46	5230	18.81	19.79	171.312	22.34	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.95	16.83	97.740	19.90	25.46	Pass
40	5200	18.20	18.85	142.805	21.55	25.46	Pass
48	5240	18.22	18.87	143.465	21.57	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.09	15.48	75.963	18.81	25.46	Pass
46	5230	19.92	19.81	193.894	22.88	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.84	15.71	75.610	18.79	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	17.05	16.94	100.130	20.01	25.46	Pass
40	5200	18.37	18.96	147.411	21.69	25.46	Pass
48	5240	18.39	18.98	148.092	21.71	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.18	15.53	77.223	18.88	25.46	Pass
46	5230	20.02	19.92	**198.636**	22.98	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.95	15.83	77.637	18.90	25.46	Pass

Note: Antenna gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Beamforming Mode (Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	13.94	13.82	48.873	16.89	22.57	2.1	18.99	21.00	Pass
40	5200	15.19	15.84	71.408	18.54	22.57	2.1	20.64	21.00	Pass
48	5240	15.21	15.86	71.737	18.56	22.57	2.1	20.66	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	13.08	12.47	37.984	15.80	22.57	2.1	17.90	21.00	Pass
46	5230	15.43	15.10	67.273	18.28	22.57	2.1	20.38	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	12.83	12.70	37.808	15.78	22.57	2.1	17.88	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

802.11ax (HE20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	14.04	13.93	50.069	17.00	22.57	2.1	19.10	21.00	Pass
40	5200	15.36	15.95	73.711	18.68	22.57	2.1	20.78	21.00	Pass
48	5240	15.38	15.97	**74.051**	18.70	22.57	2.1	20.80	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

802.11ax (HE40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	13.17	12.52	38.614	15.87	22.57	2.1	17.97	21.00	Pass
46	5230	15.58	15.28	69.870	18.44	22.57	2.1	20.54	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

802.11ax (HE80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	12.94	12.82	38.821	15.89	22.57	2.1	17.99	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.
2. Directional Gain = 2.1dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (-0.91dBi) + beamforming gain (3.01dBi).

Beamforming Mode (Indoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	13.94	13.82	48.873	16.89	22.57	Pass
40	5200	15.19	15.84	71.408	18.54	22.57	Pass
48	5240	15.21	15.86	71.737	18.56	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.08	12.47	37.984	15.80	22.57	Pass
46	5230	16.91	16.80	96.954	19.87	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	12.83	12.70	37.808	15.78	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	14.04	13.93	50.069	17.00	22.57	Pass
40	5200	15.36	15.95	73.711	18.68	22.57	Pass
48	5240	15.38	15.97	74.051	18.70	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.17	12.52	38.614	15.87	22.57	Pass
46	5230	17.01	16.91	**99.325**	19.97	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	12.94	12.82	38.821	15.89	22.57	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power limit shall be reduced to 30-(13.43-6) = 22.57dBm.

For 5260 ~ 5320MHz, 5500 ~ 5720MHz and 5745 ~ 5825MHz

CDD Mode

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	10.84	10.82	24.212	13.84	19.46	Pass
60	5300	10.36	10.33	21.654	13.36	19.46	Pass
64	5320	10.25	10.26	21.209	13.27	19.46	Pass
100	5500	12.31	12.44	34.56	15.39	19.46	Pass
116	5580	11.46	11.25	27.331	14.37	19.46	Pass
140	5700	11.23	11.38	27.014	14.32	19.46	Pass
144	5720 (U-NII-2C)	8.26	8.98	15.585	11.93	18.44	Pass
144	5720 (U-NII-3)	2.63	3.03	4.099	6.13	25.46	Pass
149	5745	21.77	22.75	338.679	25.30	25.46	Pass
157	5785	20.73	21.62	263.515	24.21	25.46	Pass
165	5825	21.69	22.56	327.872	25.16	25.46	Pass

Note:

1. 5260-5700MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5720MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 22.98-(10.54-6) = 18.44dBm.
3. 5720 MHz (U-NII-3) & 5745MHz-5825MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0

1. 11 dBm + 10log (21.44) = 24.31 dBm > 24 dBm.
2. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
3. 11 dBm + 10log (21.68) = 24.36 dBm > 24 dBm.
4. 11 dBm + 10log (21.75) = 24.37 dBm > 24 dBm.
5. 11 dBm + 10log (21.66) = 24.35 dBm > 24 dBm.
6. 11 dBm + 10log (21.76) = 24.37 dBm > 24 dBm.
7. 11 dBm + 10log (15.79) = 22.98 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.41) = 24.30 dBm > 24 dBm.
2. 11 dBm + 10log (21.73) = 24.37 dBm > 24 dBm.
3. 11 dBm + 10log (21.65) = 24.35 dBm > 24 dBm.
4. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
5. 11 dBm + 10log (21.75) = 24.37 dBm > 24 dBm.
6. 11 dBm + 10log (21.75) = 24.37 dBm > 24 dBm.
7. 11 dBm + 10log (15.78) = 22.98 dBm < 24 dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	11.33	11.19	26.735	14.27	19.46	Pass
60	5300	11.34	11.22	26.858	14.29	19.46	Pass
64	5320	11.19	11.08	25.976	14.15	19.46	Pass
100	5500	12.05	12.11	32.288	15.09	19.46	Pass
116	5580	12.09	12.00	32.03	15.06	19.46	Pass
140	5700	11.83	11.02	27.888	14.45	19.46	Pass
144	5720 (U-NII-2C)	10.13	9.89	20.638	13.15	18.48	Pass
144	5720 (U-NII-3)	5.53	5.12	7.022	8.46	25.46	Pass
149	5745	21.60	22.22	311.269	24.93	25.46	Pass
157	5785	21.66	22.51	324.793	25.12	25.46	Pass
165	5825	21.71	22.68	333.605	25.23	25.46	Pass

Note:

1. 5260-5320MHz & 5500-5700MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5720 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 23.02-(10.54-6) = 18.48dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0

1. 11 dBm + 10log (21.83) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.97) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.95) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.80) = 24.38 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.96) = 24.41 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.98) = 23.03 dBm < 24 dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	14.53	14.59	57.153	17.57	19.46	Pass
62	5310	14.65	14.49	57.293	17.58	19.46	Pass
102	5510	13.90	14.67	53.856	17.31	19.46	Pass
110	5550	14.22	14.00	51.543	17.12	19.46	Pass
134	5670	14.27	14.23	53.215	17.26	19.46	Pass
142	5710 (U-NII-2C)	12.20	12.29	35.225	15.47	19.46	Pass
142	5710 (U-NII-3)	2.22	2.43	3.589	5.55	25.46	Pass
151	5755	22.31	21.98	327.977	25.16	25.46	Pass
159	5795	22.43	21.99	333.109	25.23	25.46	Pass

Note:
1. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

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Chain 0
1. 11 dBm + 10log (41.31) = 27.16 dBm > 24 dBm.
2. 11 dBm + 10log (41.25) = 27.15 dBm > 24 dBm.
3. 11 dBm + 10log (41.46) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.64) = 26.51 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.35) = 27.16 dBm > 24 dBm.
3. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.62) = 26.51 dBm > 24 dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	11.43	11.29	27.358	14.37	19.46	Pass
60	5300	11.43	11.27	27.296	14.36	19.46	Pass
64	5320	11.22	11.17	26.335	14.21	19.46	Pass
100	5500	12.09	12.18	32.7	15.15	19.46	Pass
116	5580	12.19	12.03	32.516	15.12	19.46	Pass
140	5700	11.88	11.04	28.123	14.49	19.46	Pass
144	5720 (U-NII-2C)	10.17	9.94	20.852	13.19	18.48	Pass
144	5720 (U-NII-3)	5.57	5.17	7.095	8.51	25.46	Pass
149	5745	21.73	22.39	322.317	25.08	25.46	Pass
157	5785	21.79	22.65	335.085	25.25	25.46	Pass
165	5825	21.83	22.71	339.043	25.30	25.46	Pass

Note:

1. 5260-5320MHz & 5500-5700MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5720 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 23.02-(10.54-6) = 18.48dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0

1. 11 dBm + 10log (21.83) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.97) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.95) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.80) = 24.38 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.96) = 24.41 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.98) = 23.03 dBm < 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	14.59	14.51	57.023	17.56	19.46	Pass
62	5310	14.68	14.55	57.887	17.63	19.46	Pass
102	5510	13.96	14.68	54.265	17.35	19.46	Pass
110	5550	14.30	14.04	52.267	17.18	19.46	Pass
134	5670	14.29	14.32	53.893	17.32	19.46	Pass
142	5710 (U-NII-2C)	12.27	12.38	35.881	15.55	19.46	Pass
142	5710 (U-NII-3)	2.29	2.52	3.656	5.63	25.46	Pass
151	5755	22.47	22.08	338.040	25.29	25.46	Pass
159	5795	22.58	22.09	342.942	25.35	25.46	Pass

Note:
1. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

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Chain 0
1. 11 dBm + 10log (41.31) = 27.16 dBm > 24 dBm.
2. 11 dBm + 10log (41.25) = 27.15 dBm > 24 dBm.
3. 11 dBm + 10log (41.46) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.64) = 26.51 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.35) = 27.16 dBm > 24 dBm.
3. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.62) = 26.51 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	15.39	14.99	66.144	18.20	19.46	Pass
106	5530	15.12	14.42	60.178	17.79	19.46	Pass
122	5610	16.50	16.07	85.126	19.30	19.46	Pass
138	5690 (U-NII-2C)	12.75	12.49	40.344	16.06	19.46	Pass
138	5690 (U-NII-3)	-0.70	-2.92	1.5018	1.77	25.46	Pass
155	5775	18.82	18.60	148.651	21.72	25.46	Pass

Note:
1. 5290 MHZ & 5530-5610MHz & 5690 (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5690 MHz (U-NII-3) & 5775MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0
1. 11 dBm + 10log (82.00) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.27) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.36) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.75) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (81.89) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.48) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (82.53) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.86) = 29.80 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	11.49	11.35	27.739	14.43	19.46	Pass
60	5300	11.48	11.36	27.738	14.43	19.46	Pass
64	5320	11.31	11.22	26.764	14.28	19.46	Pass
100	5500	12.19	12.23	33.269	15.22	19.46	Pass
116	5580	12.24	12.11	33.005	15.19	19.46	Pass
140	5700	11.97	11.14	28.742	14.59	19.46	Pass
144	5720 (U-NII-2C)	10.27	10.02	21.29	13.28	18.48	Pass
144	5720 (U-NII-3)	5.67	5.25	7.244	8.60	25.46	Pass
149	5745	21.85	22.45	328.901	25.17	25.46	Pass
157	5785	21.81	22.78	341.376	25.33	25.46	Pass
165	5825	21.85	22.83	344.976	25.38	25.46	Pass

Note:
1. 5260-5320MHz & 5500-5700MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5720 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 23.02-(10.54-6) = 18.48dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0
1. 11 dBm + 10log (21.83) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.97) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.95) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.80) = 24.38 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.96) = 24.41 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.98) = 23.03 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	14.69	14.55	57.954	17.63	19.46	Pass
62	5310	14.77	14.61	58.898	17.70	19.46	Pass
102	5510	14.04	14.78	55.412	17.44	19.46	Pass
110	5550	14.36	14.13	53.172	17.26	19.46	Pass
134	5670	14.39	14.38	54.895	17.40	19.46	Pass
142	5710 (U-NII-2C)	12.33	12.44	36.38	15.61	19.46	Pass
142	5710 (U-NII-3)	2.35	2.58	3.707	5.69	25.46	Pass
151	5755	22.52	22.17	343.465	25.36	25.46	Pass
159	5795	22.62	22.18	**348.006**	25.42	25.46	Pass

Note:
1. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0
1. 11 dBm + 10log (41.31) = 27.16 dBm > 24 dBm.
2. 11 dBm + 10log (41.25) = 27.15 dBm > 24 dBm.
3. 11 dBm + 10log (41.46) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.64) = 26.51 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.35) = 27.16 dBm > 24 dBm.
3. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.62) = 26.51 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	15.48	15.08	67.529	18.29	19.46	Pass
106	5530	15.22	14.52	61.58	17.89	19.46	Pass
122	5610	16.58	16.15	86.709	19.38	19.46	Pass
138	5690 (U-NII-2C)	12.85	12.55	41.1	16.14	19.46	Pass
138	5690 (U-NII-3)	-0.60	-2.86	1.5315	1.85	25.46	Pass
155	5775	18.93	18.73	152.808	21.84	25.46	Pass

Note:
1. 5290 MHZ & 5530-5610MHz & 5690 MHz (U-NII-2C): Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 24-(10.54-6) = 19.46dBm.
2. 5690 MHz (U-NII-3) & 5775MHz: Max. Gain = 10.54dBi > 6dBi, so the power limit shall be reduced to 30-(10.54-6) = 25.46dBm.

Chain 0
1. 11 dBm + 10log (82.00) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.27) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.36) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.75) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (81.89) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.48) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (82.53) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.86) = 29.80 dBm > 24 dBm.

Beamforming Mode

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	8.42	8.28	13.68	11.36	16.57	Pass
60	5300	8.42	8.26	13.649	11.35	16.57	Pass
64	5320	8.21	8.16	13.169	11.20	16.57	Pass
100	5500	9.08	9.17	16.351	12.14	16.57	Pass
116	5580	9.18	9.02	16.259	12.11	16.57	Pass
140	5700	8.87	8.03	14.062	11.48	16.57	Pass
144	5720 (U-NII-2C)	7.16	6.93	10.427	10.18	15.59	Pass
144	5720 (U-NII-3)	2.56	2.16	3.548	5.50	22.57	Pass
149	5745	18.72	19.38	161.169	22.07	22.57	Pass
157	5785	18.78	19.64	167.554	22.24	22.57	Pass
165	5825	18.82	19.70	169.533	22.29	22.57	Pass

Note:

1. 5260-5320MHz & 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5720 MHz (U-NII-2C): Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 23.02 - (13.43 - 6) = 15.59dBm.
3. 5720 MHz (U-NII-3): Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.
4. 5745 - 5825 MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0

1. 11 dBm + 10log (21.83) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.97) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.95) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.80) = 24.38 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.96) = 24.41 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.98) = 23.03 dBm < 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	11.58	11.50	28.513	14.55	16.57	Pass
62	5310	11.67	11.54	28.945	14.62	16.57	Pass
102	5510	10.95	11.67	27.134	14.34	16.57	Pass
110	5550	11.29	11.03	26.135	14.17	16.57	Pass
134	5670	11.28	11.31	26.948	14.31	16.57	Pass
142	5710 (U-NII-2C)	9.26	9.37	17.942	12.54	16.57	Pass
142	5710 (U-NII-3)	-0.72	-0.49	1.828	2.62	22.57	Pass
151	5755	19.46	19.07	169.031	22.28	22.57	Pass
159	5795	19.57	19.08	171.483	22.34	22.57	Pass

Note:

1. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0

1. 11 dBm + 10log (41.31) = 27.16 dBm > 24 dBm.
2. 11 dBm + 10log (41.25) = 27.15 dBm > 24 dBm.
3. 11 dBm + 10log (41.46) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.64) = 26.51 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.35) = 27.16 dBm > 24 dBm.
3. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.62) = 26.51 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	12.38	11.98	33.074	15.19	16.57	Pass
106	5530	12.11	11.41	30.091	14.78	16.57	Pass
122	5610	13.49	13.06	42.566	16.29	16.57	Pass
138	5690 (U-NII-2C)	9.74	9.48	20.173	13.05	16.57	Pass
138	5690 (U-NII-3)	-3.71	-5.93	0.751	-1.24	22.57	Pass
155	5775	15.81	15.59	74.331	18.71	22.57	Pass

Note:
1. 5290MHz & 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5690 MHz (U-NII-3) & 5775 MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0
1. 11 dBm + 10log (82.00) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.27) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.36) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.75) = 29.79 dBm > 24 dBm.

Chain 1
1. 11 dBm + 10log (81.89) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.48) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (82.53) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.86) = 29.80 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	8.48	8.34	13.87	11.42	16.57	Pass
60	5300	8.47	8.35	13.87	11.42	16.57	Pass
64	5320	8.30	8.21	13.383	11.27	16.57	Pass
100	5500	9.18	9.22	16.635	12.21	16.57	Pass
116	5580	9.23	9.10	16.504	12.18	16.57	Pass
140	5700	8.96	8.13	14.372	11.58	16.57	Pass
144	5720 (U-NII-2C)	7.26	7.01	10.646	10.27	15.59	Pass
144	5720 (U-NII-3)	2.66	2.24	3.622	5.59	22.57	Pass
149	5745	18.84	19.44	164.462	22.16	22.57	Pass
157	5785	18.80	19.77	170.700	22.32	22.57	Pass
165	5825	18.84	19.82	172.500	22.37	22.57	Pass

Note:
1. 5260-5320MHz & 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5720 MHz (U-NII-2C): Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 23.02 - (13.43 - 6) = 15.59dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0
1. 11 dBm + 10log (21.83) = 24.39 dBm > 24 dBm.
2. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.97) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.95) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.80) = 24.38 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
5. 11 dBm + 10log (21.96) = 24.41 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.98) = 23.03 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	11.68	11.54	28.979	14.62	16.57	Pass
62	5310	11.76	11.60	29.451	14.69	16.57	Pass
102	5510	11.03	11.77	27.708	14.43	16.57	Pass
110	5550	11.35	11.12	26.588	14.25	16.57	Pass
134	5670	11.38	11.37	27.449	14.39	16.57	Pass
142	5710 (U-NII-2C)	9.32	9.43	18.191	12.60	16.57	Pass
142	5710 (U-NII-3)	-0.66	-0.43	1.8534	2.68	22.57	Pass
151	5755	19.51	19.16	171.744	22.35	22.57	Pass
159	5795	19.61	19.17	**174.015**	22.41	22.57	Pass

Note:

1. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0

1. 11 dBm + 10log (41.31) = 27.16 dBm > 24 dBm.
2. 11 dBm + 10log (41.25) = 27.15 dBm > 24 dBm.
3. 11 dBm + 10log (41.46) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.64) = 26.51 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.35) = 27.16 dBm > 24 dBm.
3. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.45) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.43) = 27.17 dBm > 24 dBm.
6. 11 dBm + 10log (35.62) = 26.51 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	12.47	12.07	33.767	15.28	16.57	Pass
106	5530	12.21	11.51	30.792	14.88	16.57	Pass
122	5610	13.57	13.14	43.357	16.37	16.57	Pass
138	5690 (U-NII-2C)	9.84	9.54	20.551	13.13	16.57	Pass
138	5690 (U-NII-3)	-3.61	-5.87	0.7658	-1.16	22.57	Pass
155	5775	15.92	15.72	76.409	18.83	22.57	Pass

Note:

1. 5290 MHZ & 5530-5610MHz & 5690 (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 24 - (13.43 - 6) = 16.57dBm.
2. 5690 MHz (U-NII-3) & 5775MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power limit shall be reduced to 30 - (13.43 - 6) = 22.57dBm.

Chain 0

1. 11 dBm + 10log (82.00) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.27) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.36) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.75) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (81.89) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.48) = 30.16 dBm > 24 dBm.
3. 11 dBm + 10log (82.53) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.86) = 29.80 dBm > 24 dBm.

26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	21.44	21.41
60	5300	21.89	21.73
64	5320	21.68	21.65
100	5500	21.75	21.72
116	5580	21.66	21.75
140	5700	21.76	21.75
144	5720 (For U-NII-2C)	15.79	15.78
144	5720 (For U-NII-3)	5.83	5.85

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	21.83	21.80
60	5300	21.72	21.84
64	5320	21.81	21.81
100	5500	21.97	21.93
116	5580	21.90	21.96
140	5700	21.91	21.93
144	5720 (For U-NII-2C)	15.95	15.98
144	5720 (For U-NII-3)	5.90	5.89

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	41.31	41.08
62	5310	41.25	41.35
102	5510	41.46	41.43
110	5550	41.41	41.45
134	5670	41.44	41.43
142	5710 (For U-NII-2C)	35.64	35.62
142	5710 (For U-NII-3)	5.60	5.61

For CH142 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH142 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

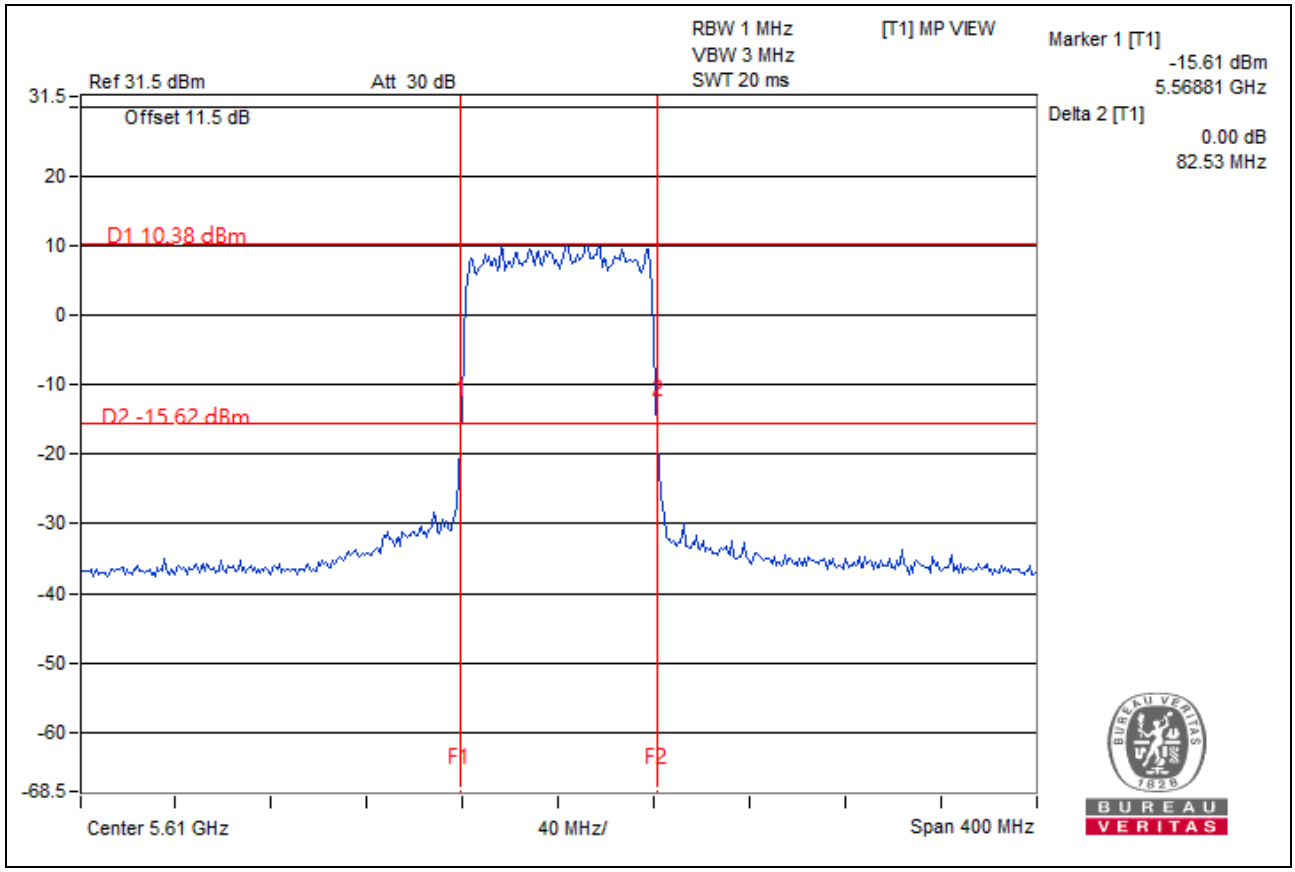
802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.00	81.89
106	5530	82.27	82.48
122	5610	82.36	82.53
138	5690 (For U-NII-2C)	75.75	75.86
138	5690 (For U-NII-3)	6.13	6.19

For CH138 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH138 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

**此測試圖僅放測試結果最差的頻道。



Scanning radio (Radio 3)

Power Output:

For 5180 ~ 5240MHz

Outdoor Access Point

802.11a

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	13.99	13.76	48.829	16.89	30.00	4.02	20.91	21.00	Pass
40	5200	13.89	13.75	48.204	16.83	30.00	4.02	20.85	21.00	Pass
48	5240	13.79	13.76	47.702	16.79	30.00	4.02	20.81	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	13.54	13.70	46.037	16.63	30.00	4.02	20.65	21.00	Pass
40	5200	13.60	13.84	47.119	16.73	30.00	4.02	20.75	21.00	Pass
48	5240	13.50	13.83	46.542	16.68	30.00	4.02	20.70	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	13.63	13.81	47.111	16.73	30.00	4.02	20.75	21.00	Pass
46	5230	13.64	13.82	47.220	16.74	30.00	4.02	20.76	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	13.68	13.82	47.434	16.76	30.00	4.02	20.78	21.00	Pass
40	5200	13.73	13.95	48.436	16.85	30.00	4.02	20.87	21.00	Pass
48	5240	13.64	13.94	47.895	16.80	30.00	4.02	20.82	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	13.76	13.92	48.429	16.85	30.00	4.02	20.87	21.00	Pass
46	5230	13.77	13.93	48.540	16.86	30.00	4.02	20.88	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	13.64	13.76	46.889	16.71	30.00	4.02	20.73	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	13.71	13.93	48.214	16.83	30.00	4.02	20.85	21.00	Pass
40	5200	13.85	14.05	49.676	16.96	30.00	4.02	20.98	21.00	Pass
48	5240	13.77	14.04	49.174	16.92	30.00	4.02	20.94	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	13.88	14.02	49.669	16.96	30.00	4.02	20.98	21.00	Pass
46	5230	13.89	14.03	**49.784**	16.97	30.00	4.02	20.99	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	13.77	13.88	48.258	16.84	30.00	4.02	20.86	21.00	Pass

Note:
1. Gain = 4.91dBi < 6dBi, so the limit no need to reduced.
2. Gain = 4.02dBi (above 30 degrees from the horizon).
3. EIRP = conducted power + (4.02dBi) + array gain (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

Indoor Access Point

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.47	19.55	178.669	22.52	30.00	Pass
40	5200	22.33	22.29	340.435	25.32	30.00	Pass
48	5240	22.37	22.36	**344.771**	25.38	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11n (HT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.83	19.07	157.107	21.96	30.00	Pass
40	5200	21.71	22.12	311.181	24.93	30.00	Pass
48	5240	21.80	21.84	304.113	24.83	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11n (HT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.49	16.92	93.770	19.72	30.00	Pass
46	5230	20.92	20.81	244.098	23.88	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.94	19.16	160.757	22.06	30.00	Pass
40	5200	21.83	22.20	318.364	25.03	30.00	Pass
48	5240	21.91	21.95	311.914	24.94	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.54	17.02	95.432	19.80	30.00	Pass
46	5230	21.02	20.92	250.068	23.98	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	16.93	16.88	98.070	19.92	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.04	19.24	164.114	22.15	30.00	Pass
40	5200	21.94	22.37	328.899	25.17	30.00	Pass
48	5240	22.01	22.05	319.179	25.04	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.68	17.11	97.963	19.91	30.00	Pass
46	5230	21.11	21.02	255.596	24.08	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.03	16.99	100.470	20.02	30.00	Pass

Note: Gain = 4.91dBi < 6dBi, so the limit no need to reduced.

Beamforming Mode (For U-NII-1 Band - Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	10.67	10.81	23.718	13.75	28.25	7.03	20.78	21.00	Pass
40	5200	10.72	10.94	24.220	13.84	28.25	7.03	20.87	21.00	Pass
48	5240	10.63	10.93	23.949	13.79	28.25	7.03	20.82	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	10.75	10.91	24.216	13.84	28.25	7.03	20.87	21.00	Pass
46	5230	10.76	10.92	24.272	13.85	28.25	7.03	20.88	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	10.63	10.75	23.446	13.70	28.25	7.03	20.73	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

802.11ax (HE20)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
36	5180	10.70	10.92	24.108	13.82	28.25	7.03	20.85	21.00	Pass
40	5200	10.84	11.04	24.840	13.95	28.25	7.03	20.98	21.00	Pass
48	5240	10.76	11.03	24.589	13.91	28.25	7.03	20.94	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

802.11ax (HE40)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
38	5190	10.87	11.01	24.836	13.95	28.25	7.03	20.98	21.00	Pass
46	5230	10.88	11.02	**24.894**	13.96	28.25	7.03	20.99	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

802.11ax (HE80)

Chan.	Freq. (MHz)	Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Direct-ional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
42	5210	10.76	10.87	24.130	13.83	28.25	7.03	20.86	21.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.
2. Directional Gain = 7.03dBi (above 30 degrees from the horizon).
3. Beamforming gain = 3.01dBi
4. EIRP = conducted power + (4.02dBi) + beamforming gain (3.01dBi).

Beamforming Mode (For U-NII-1 Band - Indoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.93	16.15	80.384	19.05	28.25	Pass
40	5200	18.82	19.19	159.193	22.02	28.25	Pass
48	5240	18.90	18.94	155.968	21.93	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.53	14.01	47.719	16.79	28.25	Pass
46	5230	18.01	17.91	125.043	20.97	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	13.92	13.87	49.039	16.91	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.03	16.23	82.063	19.14	28.25	Pass
40	5200	18.93	19.36	**164.461**	22.16	28.25	Pass
48	5240	19.00	19.04	159.601	22.03	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.67	14.10	48.985	16.90	28.25	Pass
46	5230	18.10	18.01	127.807	21.07	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	14.02	13.98	50.238	17.01	28.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power limit shall be reduced to 30-(7.75-6) = 28.25dBm.

For 5260 ~ 5320MHz, 5500 ~ 5720MHz and 5745 ~ 5825MHz

CDD Mode

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	16.32	15.93	82.029	19.14	24	Pass
60	5300	16.51	16.15	85.981	19.34	24	Pass
64	5320	16.37	16.67	89.803	19.53	24	Pass
100	5500	17.11	16.98	101.293	20.06	24	Pass
116	5580	16.71	16.47	91.242	19.60	24	Pass
140	5700	15.22	15.86	71.814	18.56	24	Pass
144	5720 (U-NII-2C)	13.07	12.74	42.021	16.23	22.98	Pass
144	5720 (U-NII-3)	4.47	8.49	10.607	10.26	30	Pass
149	5745	21.63	21.69	293.117	24.67	30	Pass
157	5785	21.55	21.57	286.438	24.57	30	Pass
165	5825	21.35	21.25	269.810	24.31	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (21.60) = 24.34 dBm > 24 dBm.
2. 11 dBm + 10log (21.81) = 24.38 dBm > 24 dBm.
3. 11 dBm + 10log (21.82) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.82) = 24.38 dBm > 24 dBm.
6. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
7. 11 dBm + 10log (15.78) = 22.98 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.70) = 24.36 dBm > 24 dBm.
2. 11 dBm + 10log (21.82) = 24.38 dBm > 24 dBm.
3. 11 dBm + 10log (21.72) = 24.36 dBm > 24 dBm.
4. 11 dBm + 10log (21.82) = 24.38 dBm > 24 dBm.
5. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
6. 11 dBm + 10log (21.82) = 24.38 dBm > 24 dBm.
7. 11 dBm + 10log (15.83) = 22.99 dBm < 24 dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	16.66	16.43	90.299	19.56	24	Pass
60	5300	16.83	16.39	91.746	19.63	24	Pass
64	5320	16.81	16.43	91.928	19.63	24	Pass
100	5500	15.94	16.56	84.554	19.27	24	Pass
116	5580	16.70	16.39	90.325	19.56	24	Pass
140	5700	14.84	15.01	62.175	17.94	24	Pass
144	5720 (U-NII-2C)	15.28	15.07	68.198	18.34	23.01	Pass
144	5720 (U-NII-3)	10.44	9.85	21.461	13.32	30	Pass
149	5745	21.79	21.85	304.117	24.83	30	Pass
157	5785	21.51	21.75	291.203	24.64	30	Pass
165	5825	21.43	21.34	275.140	24.40	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.93) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.92) = 24.40 dBm > 24 dBm.
2. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
3. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.89) = 23.01 dBm < 24 dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	20.07	20.04	202.55	23.07	24	Pass
62	5310	16.52	16.28	87.336	19.41	24	Pass
102	5510	16.47	15.92	83.445	19.21	24	Pass
110	5550	19.19	19.04	163.153	22.13	24	Pass
134	5670	16.88	16.53	93.731	19.72	24	Pass
142	5710 (U-NII-2C)	17.91	17.36	121.332	20.84	24	Pass
142	5710 (U-NII-3)	7.47	9.74	15.659	11.95	30	Pass
151	5755	21.05	20.90	250.377	23.99	30	Pass
159	5795	22.07	21.94	317.379	25.02	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.51) = 27.18 dBm > 24 dBm.
6. 11 dBm + 10log (38.71) = 26.87 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.42) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.34) = 27.16 dBm > 24 dBm.
4. 11 dBm + 10log (41.37) = 27.16 dBm > 24 dBm.
5. 11 dBm + 10log (41.39) = 27.16 dBm > 24 dBm.
6. 11 dBm + 10log (36.50) = 26.62 dBm > 24 dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	16.72	16.49	91.555	19.62	24	Pass
60	5300	16.88	16.45	92.91	19.68	24	Pass
64	5320	16.88	16.51	93.524	19.71	24	Pass
100	5500	15.98	16.60	85.337	19.31	24	Pass
116	5580	16.73	16.43	91.052	19.59	24	Pass
140	5700	14.88	15.09	63.046	18.00	24	Pass
144	5720 (U-NII-2C)	15.34	15.13	69.147	18.40	23.01	Pass
144	5720 (U-NII-3)	10.50	9.91	21.759	13.38	30	Pass
149	5745	21.81	21.73	300.641	24.78	30	Pass
157	5785	21.65	21.62	291.429	24.65	30	Pass
165	5825	21.58	21.40	281.918	24.50	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.93) = 23.02 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (21.92) = 24.40 dBm > 24 dBm.
2. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
3. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.89) = 23.01 dBm > 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	20.12	20.09	204.896	23.12	24	Pass
62	5310	16.56	16.37	88.641	19.48	24	Pass
102	5510	16.51	15.96	84.217	19.25	24	Pass
110	5550	19.26	19.08	165.243	22.18	24	Pass
134	5670	16.96	16.61	95.473	19.80	24	Pass
142	5710 (U-NII-2C)	17.95	17.41	122.587	20.88	24	Pass
142	5710 (U-NII-3)	7.51	9.79	15.827	11.99	30	Pass
151	5755	21.14	21.00	255.909	24.08	30	Pass
159	5795	22.16	22.04	324.393	25.11	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.51) = 27.18 dBm > 24 dBm.
6. 11 dBm + 10log (38.71) = 26.87 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.42) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.34) = 27.16 dBm > 24 dBm.
4. 11 dBm + 10log (41.37) = 27.16 dBm > 24 dBm.
5. 11 dBm + 10log (41.39) = 27.16 dBm > 24 dBm.
6. 11 dBm + 10log (36.50) = 26.62 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	15.92	15.85	77.543	18.90	24	Pass
106	5530	16.86	16.78	96.172	19.83	24	Pass
122	5610	17.84	18.09	125.23	20.98	24	Pass
138	5690 (U-NII-2C)	15.91	16.03	87.162	19.40	24	Pass
138	5690 (U-NII-3)	2.16	0.22	2.972	4.73	30	Pass
155	5775	18.03	18.68	137.324	21.38	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (81.90) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.82) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (81.57) = 30.11 dBm > 24 dBm.
2. 11 dBm + 10log (82.23) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.44) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.85) = 29.80 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	16.78	16.55	92.829	19.68	24	Pass
60	5300	16.95	16.53	94.523	19.76	24	Pass
64	5320	16.93	16.58	94.816	19.77	24	Pass
100	5500	16.08	16.68	87.109	19.40	24	Pass
116	5580	16.82	16.52	92.958	19.68	24	Pass
140	5700	14.95	15.16	64.07	18.07	24	Pass
144	5720 (U-NII-2C)	15.40	15.22	70.346	18.47	23.01	Pass
144	5720 (U-NII-3)	10.56	10.00	22.133	13.45	30	Pass
149	5745	21.92	21.85	308.705	24.90	30	Pass
157	5785	21.78	21.75	300.284	24.78	30	Pass
165	5825	21.62	21.55	288.101	24.60	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (27.74) = 25.43 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.93) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.55) = 24.33 dBm > 24 dBm.
2. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
3. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.89) = 23.01 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	20.22	20.19	209.668	23.22	24	Pass
62	5310	16.65	16.42	90.091	19.55	24	Pass
102	5510	16.59	16.03	85.69	19.33	24	Pass
110	5550	19.32	19.17	168.11	22.26	24	Pass
134	5670	17.03	16.68	97.025	19.87	24	Pass
142	5710 (U-NII-2C)	18.05	17.51	125.443	20.98	24	Pass
142	5710 (U-NII-3)	7.61	9.89	16.196	12.09	30	Pass
151	5755	21.22	21.19	263.957	24.22	30	Pass
159	5795	22.24	22.13	**330.799**	25.20	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.51) = 27.18 dBm > 24 dBm.
6. 11 dBm + 10log (38.71) = 26.87 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.42) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.34) = 27.16 dBm > 24 dBm.
4. 11 dBm + 10log (41.37) = 27.16 dBm > 24 dBm.
5. 11 dBm + 10log (41.39) = 27.16 dBm > 24 dBm.
6. 11 dBm + 10log (36.50) = 26.62 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	15.99	15.92	78.803	18.97	24	Pass
106	5530	16.92	16.85	97.621	19.90	24	Pass
122	5610	17.94	18.16	127.694	21.06	24	Pass
138	5690 (U-NII-2C)	15.99	16.13	88.99	19.49	24	Pass
138	5690 (U-NII-3)	2.24	0.32	3.033	4.82	30	Pass
155	5775	18.12	18.71	139.165	21.44	30	Pass

Note:

For U-NII-2A, U-NII-2C Band:

Chain 0

1. 11 dBm + 10log (81.90) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.82) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (81.57) = 30.11 dBm > 24 dBm.
2. 11 dBm + 10log (82.23) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.44) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.85) = 29.80 dBm > 24 dBm.

Beamforming Mode

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	13.71	13.48	45.781	16.61	22.25	Pass
60	5300	13.84	13.42	46.189	16.65	22.25	Pass
64	5320	13.85	13.50	46.653	16.69	22.25	Pass
100	5500	12.99	13.57	42.658	16.30	22.25	Pass
116	5580	13.73	13.45	45.736	16.60	22.25	Pass
140	5700	11.85	12.06	31.38	14.97	22.25	Pass
144	5720 (U-NII-2C)	12.30	12.14	34.532	15.38	21.26	Pass
144	5720 (U-NII-3)	7.46	6.92	10.864	10.36	28.25	Pass
149	5745	18.80	18.72	150.331	21.77	28.25	Pass
157	5785	18.64	18.61	145.725	21.64	28.25	Pass
165	5825	18.57	18.39	140.969	21.49	28.25	Pass

Note:

1. 5260-5320MHz & 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5720 MHz (U-NII-2C): Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.92dBi > 6dBi, so the power limit shall be reduced to 23.01 - (7.75 - 6) = 21.26dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.92dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0

1. 11 dBm + 10log (27.74) = 25.43 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.93) = 23.02 dBm < 24 dBm.

Chain 1

1. 11 dBm + 10log (21.55) = 24.33 dBm > 24 dBm.
2. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
3. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.89) = 23.01 dBm < 24 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	17.11	17.08	102.455	20.11	22.25	Pass
62	5310	13.57	13.33	44.279	16.46	22.25	Pass
102	5510	13.52	12.97	42.306	16.26	22.25	Pass
110	5550	16.23	16.10	82.714	19.18	22.25	Pass
134	5670	13.96	13.57	47.64	16.78	22.25	Pass
142	5710 (U-NII-2C)	14.95	14.42	61.506	17.89	22.25	Pass
142	5710 (U-NII-3)	4.51	6.80	7.944	9.00	28.25	Pass
151	5755	18.13	17.99	127.964	21.07	28.25	Pass
159	5795	19.15	19.03	162.208	22.10	28.25	Pass

Note:

1. 5270-5310MHz & 5510-5700MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0

1. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.51) = 27.18 dBm > 24 dBm.
6. 11 dBm + 10log (38.71) = 26.87 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.42) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.34) = 27.16 dBm > 24 dBm.
4. 11 dBm + 10log (41.37) = 27.16 dBm > 24 dBm.
5. 11 dBm + 10log (41.39) = 27.16 dBm > 24 dBm.
6. 11 dBm + 10log (36.50) = 26.62 dBm > 24 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	12.91	12.84	38.774	15.89	22.25	Pass
106	5530	13.82	13.76	47.867	16.80	22.25	Pass
122	5610	14.84	15.09	62.764	17.98	22.25	Pass
138	5690 (U-NII-2C)	12.89	13.06	43.739	16.41	22.25	Pass
138	5690 (U-NII-3)	-0.86	-2.75	1.4893	1.73	28.25	Pass
155	5775	15.02	15.67	68.667	18.37	28.25	Pass

Note:

1. 5290MHz & 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20}$)^2/2] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5690 (U-NII-3) & 5775MHz: Directional gain = Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20}$)^2/2] = 7.92dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0

1. 11 dBm + 10log (81.90) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.82) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (81.57) = 30.11 dBm > 24 dBm.
2. 11 dBm + 10log (82.23) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.44) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.85) = 29.80 dBm > 24 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	13.77	13.54	46.418	16.67	22.25	Pass
60	5300	13.94	13.52	47.265	16.75	22.25	Pass
64	5320	13.92	13.57	47.411	16.76	22.25	Pass
100	5500	13.07	13.67	43.558	16.39	22.25	Pass
116	5580	13.81	13.51	46.482	16.67	22.25	Pass
140	5700	11.94	12.15	32.037	15.06	22.25	Pass
144	5720 (U-NII-2C)	12.39	12.21	35.176	15.46	21.26	Pass
144	5720 (U-NII-3)	7.55	6.99	11.067	10.44	28.25	Pass
149	5745	18.91	18.84	154.363	21.89	28.25	Pass
157	5785	18.77	18.74	150.153	21.77	28.25	Pass
165	5825	18.61	18.54	144.060	21.59	28.25	Pass

Note:
1. 5260-5320MHz & 5500-5700MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5720 MHz (U-NII-2C): Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 23.01 - (7.75 - 6) = 21.26dBm.
3. 5720 MHz (U-NII-3) & 5745-5825MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0
1. 11 dBm + 10log (27.74) = 25.43 dBm > 24 dBm.
2. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
3. 11 dBm + 10log (21.78) = 24.38 dBm > 24 dBm.
4. 11 dBm + 10log (21.87) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.90) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.93) = 24.41 dBm > 24 dBm.
7. 11 dBm + 10log (15.93) = 23.02 dBm < 24 dBm.

Chain 1
1. 11 dBm + 10log (21.55) = 24.33 dBm > 24 dBm.
2. 11 dBm + 10log (21.95) = 24.41 dBm > 24 dBm.
3. 11 dBm + 10log (21.89) = 24.40 dBm > 24 dBm.
4. 11 dBm + 10log (21.84) = 24.39 dBm > 24 dBm.
5. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
6. 11 dBm + 10log (21.91) = 24.40 dBm > 24 dBm.
7. 11 dBm + 10log (15.89) = 23.01 dBm < 24 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	17.21	17.18	104.841	20.21	22.25	Pass
62	5310	13.64	13.41	45.049	16.54	22.25	Pass
102	5510	13.58	13.02	42.848	16.32	22.25	Pass
110	5550	16.31	16.16	84.061	19.25	22.25	Pass
134	5670	14.02	13.67	48.516	16.86	22.25	Pass
142	5710 (U-NII-2C)	15.04	14.50	62.726	17.97	22.25	Pass
142	5710 (U-NII-3)	4.60	6.88	8.098	9.08	28.25	Pass
151	5755	18.21	18.18	131.987	21.21	28.25	Pass
159	5795	19.23	19.12	**165.411**	22.19	28.25	Pass

Note:

1. 5270-5310MHz & 5510-5700MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5710 MHz (U-NII-3) & 5755-5795MHz: Directional gain = Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0

1. 11 dBm + 10log (41.44) = 27.17 dBm > 24 dBm.
2. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
4. 11 dBm + 10log (41.41) = 27.17 dBm > 24 dBm.
5. 11 dBm + 10log (41.51) = 27.18 dBm > 24 dBm.
6. 11 dBm + 10log (38.71) = 26.87 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (41.08) = 27.13 dBm > 24 dBm.
2. 11 dBm + 10log (41.42) = 27.17 dBm > 24 dBm.
3. 11 dBm + 10log (41.34) = 27.16 dBm > 24 dBm.
4. 11 dBm + 10log (41.37) = 27.16 dBm > 24 dBm.
5. 11 dBm + 10log (41.39) = 27.16 dBm > 24 dBm.
6. 11 dBm + 10log (36.50) = 26.62 dBm > 24 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	12.98	12.91	39.404	15.96	22.25	Pass
106	5530	13.91	13.84	48.814	16.89	22.25	Pass
122	5610	14.93	15.15	63.851	18.05	22.25	Pass
138	5690 (U-NII-2C)	12.98	13.12	44.498	16.48	22.25	Pass
138	5690 (U-NII-3)	-0.77	-2.69	1.5164	1.81	28.25	Pass
155	5775	15.11	15.70	69.587	18.43	28.25	Pass

Note:

1. 5290MHz & 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20}$)^2/2] = 7.75dBi > 6dBi, so the power limit shall be reduced to 24 - (7.75 - 6) = 22.25dBm.
2. 5690 (U-NII-3) & 5775MHz: Directional gain = Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20}$)^2/2] = 7.75dBi > 6dBi, so the power limit shall be reduced to 30 - (7.75 - 6) = 28.25dBm.

Chain 0

1. 11 dBm + 10log (81.90) = 30.13 dBm > 24 dBm.
2. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.35) = 30.15 dBm > 24 dBm.
4. 11 dBm + 10log (75.82) = 29.79 dBm > 24 dBm.

Chain 1

1. 11 dBm + 10log (81.57) = 30.11 dBm > 24 dBm.
2. 11 dBm + 10log (82.23) = 30.15 dBm > 24 dBm.
3. 11 dBm + 10log (82.44) = 30.16 dBm > 24 dBm.
4. 11 dBm + 10log (75.85) = 29.80 dBm > 24 dBm.

26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	21.60	21.70
60	5300	21.81	21.82
64	5320	21.82	21.72
100	5500	21.84	21.82
116	5580	21.82	21.87
140	5700	21.78	21.82
144	5720 (U-NII-2C)	15.78	15.83
144	5720 (U-NII-3)	5.86	5.90

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	27.74	21.55
60	5300	21.84	21.95
64	5320	21.78	21.89
100	5500	21.87	21.84
116	5580	21.90	21.91
140	5700	21.93	21.91
144	5720 (U-NII-2C)	15.93	15.89
144	5720 (U-NII-3)	5.87	5.92

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	41.44	41.08
62	5310	41.41	41.42
102	5510	41.41	41.34
110	5550	41.41	41.37
134	5670	41.51	41.39
142	5710 (U-NII-2C)	38.71	36.50
142	5710 (U-NII-3)	7.40	7.24

For CH142 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH142 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

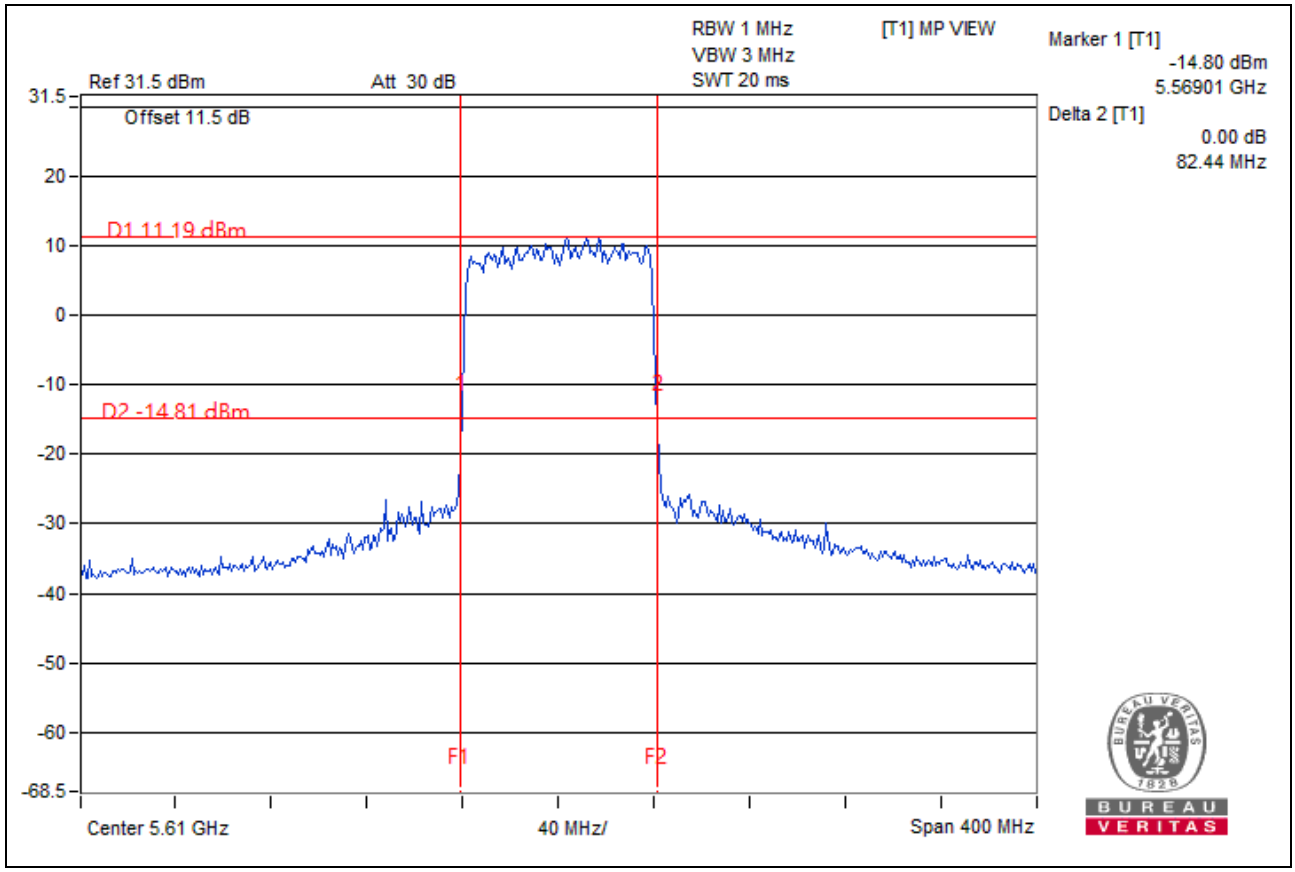
802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	81.90	81.57
106	5530	82.35	82.23
122	5610	82.35	82.44
138	5690 (U-NII-2C)	75.82	75.85
138	5690 (U-NII-3)	6.82	6.27

For CH138 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

For CH138 (UNII-3 Band): The 26dBc bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

**此測試圖僅放測試結果最差的頻道。



11.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

12 功率頻譜密度之量測

12.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	☒請見本報告 3.1 節第 7 項(II) (A)及 4 項(II)(A)的規定(供戶外操作使用)
	☒請見本報告 3.1 節第 7 項(II)(A)及 4 項(II)(B)的規定(供室內操作使用)
	☐請見本報告 3.1 節第 7 項(II)(A)及 4 項(II)(C)的規定(供固定式點對點操作使用)
	☐請見本報告 3.1 節第 7 項(II)(B)及 4 項(II)(D)的規定(供用戶端裝置使用)
☒ 5.25 GHz~5.35 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒ 5.470 GHz~5.725 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 7 項(IV)及 4 項(IV)的規定

12.2 量測方法

For 5180 ~ 5240MHz, 5260 ~ 5320MHz and 5500 ~ 5720MHz:

Using method SA-2

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.

b. Set RBW = 1MHz, Set VBW ≥ 3 MHz, Detector = RMS

c. Set Channel power measure = 1MHz

d. Sweep time = auto, trigger set to “free run”.

e. Trace average at least 100 traces in power averaging mode.

f. Record the max value and add 10 log (1/duty cycle)

For 5745 ~ 5825MHz:

Duty cycle of test signal is < 98%

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.

b. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS

c. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.

d. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(500 kHz / 300 kHz)

e. Sweep time = auto, trigger set to “free run”.

f. Trace average at least 100 traces in power averaging mode.

g. Record the max value and add 10 log (1/duty cycle)

12.3 量測儀器

同 8.3 節。

12.4 測試配置

同 8.4 節。

12.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日、 110 年 03 月 27 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

5G traffic radio (Radio 1)

For 5260 ~ 5320MHz and 5500 ~ 5720MHz

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
100	5500	-0.21	-0.12	0.28	3.13	3.46	Pass
116	5580	-0.25	-0.10	0.28	3.12	3.46	Pass
140	5700	-0.45	-0.35	0.28	2.90	3.46	Pass
144	5720 (U-NII-2C)	-0.17	-0.13	0.28	3.14	3.46	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.54 - 6) = 3.46dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
100	5500	-0.07	0.04	0.13	3.13	3.46	Pass
116	5580	0.00	0.01	0.13	3.15	3.46	Pass
140	5700	-0.25	-0.30	0.13	2.87	3.46	Pass
144	5720 (U-NII-2C)	-0.09	0.00	0.13	3.10	3.46	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.54 - 6) = 3.46dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
102	5510	-0.10	-0.03	0.21	3.15	3.46	Pass
110	5550	-0.12	-0.09	0.21	3.11	3.46	Pass
134	5670	-0.16	-0.03	0.21	3.12	3.46	Pass
142	5710 (U-NII-2C)	-0.22	-0.23	0.21	2.99	3.46	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.54 - 6) = 3.46dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

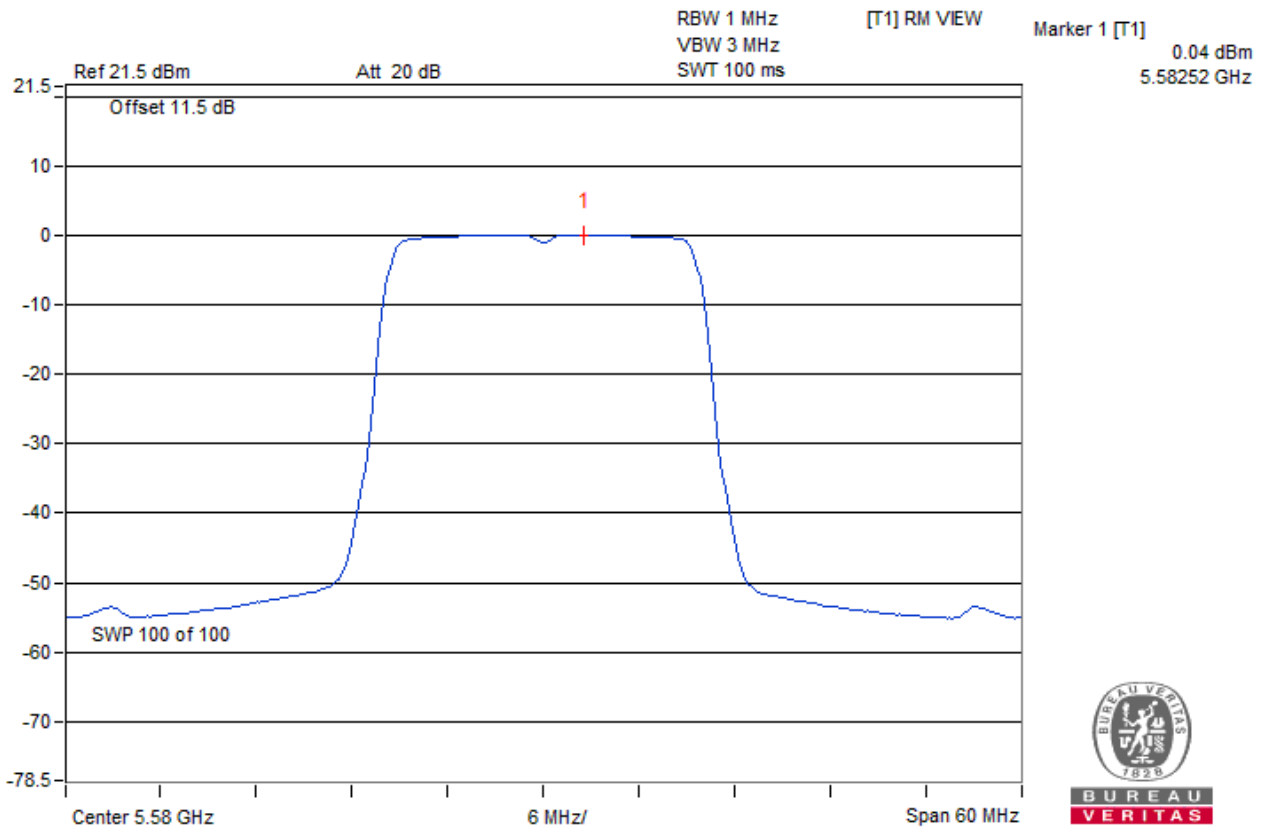
802.11ax (HE80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
106	5530	-1.82	-1.79	0.39	1.59	3.46	Pass
122	5610	-1.92	-1.95	0.39	1.46	3.46	Pass
138	5690 (U-NII-2C)	-1.72	-1.82	0.39	1.63	3.46	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.54dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.54 - 6) = 3.46dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。

802.11ax (HE20) / Chain 1 / CH 116



For 5745 ~ 5825MHz

802.11a

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	0.69	2.91	3.01	0.25	6.17	22.46	Pass
	157	5785	0.91	3.13	3.01	0.25	6.39	22.46	Pass
	165	5825	0.98	3.20	3.01	0.25	6.46	22.46	Pass
1	149	5745	0.65	2.87	3.01	0.25	6.13	22.46	Pass
	157	5785	0.61	2.83	3.01	0.25	6.09	22.46	Pass
	165	5825	0.42	2.64	3.01	0.25	5.90	22.46	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.54dBi > 6dBi, so the power density limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	-0.66	1.56	3.01	0.13	4.70	22.46	Pass
	157	5785	-0.21	2.01	3.01	0.13	5.15	22.46	Pass
	165	5825	-0.34	1.88	3.01	0.13	5.02	22.46	Pass
1	149	5745	-0.64	1.58	3.01	0.13	4.72	22.46	Pass
	157	5785	-0.61	1.61	3.01	0.13	4.75	22.46	Pass
	165	5825	-0.70	1.52	3.01	0.13	4.66	22.46	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.54dBi > 6dBi, so the power density limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	151	5755	-3.09	-0.87	3.01	0.25	2.39	22.46	Pass
	159	5795	-3.08	-0.86	3.01	0.25	2.40	22.46	Pass
1	151	5755	-3.69	-1.47	3.01	0.25	1.79	22.46	Pass
	159	5795	-3.75	-1.53	3.01	0.25	1.73	22.46	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.54dBi > 6dBi, so the power density limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

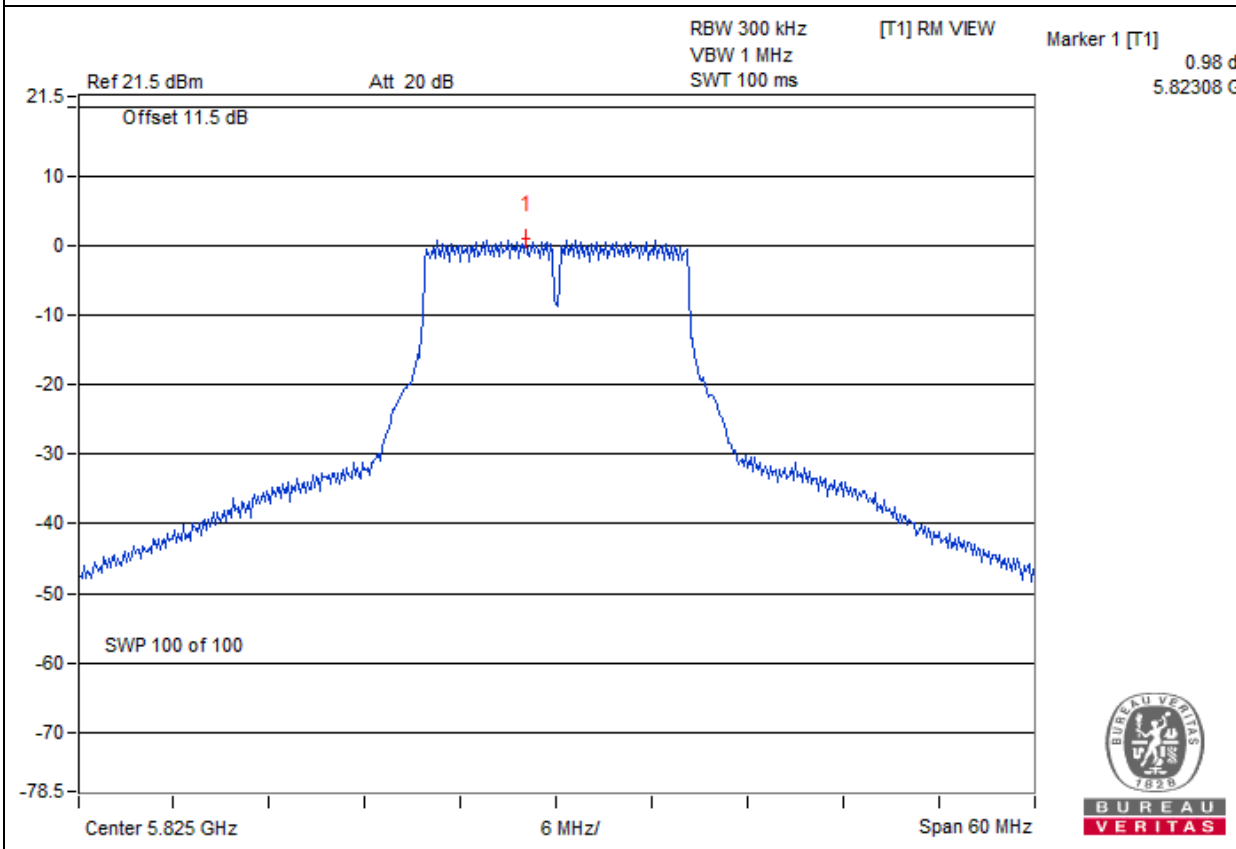
802.11ax (HE80)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	155	5775	-7.62	-5.40	3.01	0.38	-2.01	22.46	Pass
1	155	5775	-8.21	-5.99	3.01	0.38	-2.60	22.46	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.54dBi > 6dBi, so the power density limit shall be reduced to 30-(13.54-6) = 22.46dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。

802.11a / Chain 0 / CH 165



5G traffic radio (Radio 2)

For 5180 ~ 5240MHz

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	3.27	3.38	0.25	6.58	9.57	Pass
40	5200	5.59	5.88	0.25	8.99	9.57	Pass
48	5240	5.59	5.68	0.25	8.89	9.57	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 17-(13.43-6) = 9.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	3.00	3.32	0.16	6.33	9.57	Pass
40	5200	5.50	5.65	0.16	8.74	9.57	Pass
48	5240	5.63	5.69	0.16	8.83	9.57	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 17-(13.43-6) = 9.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-0.71	-1.16	0.22	2.31	9.57	Pass
46	5230	3.41	3.63	0.22	6.76	9.57	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 17-(13.43-6) = 9.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

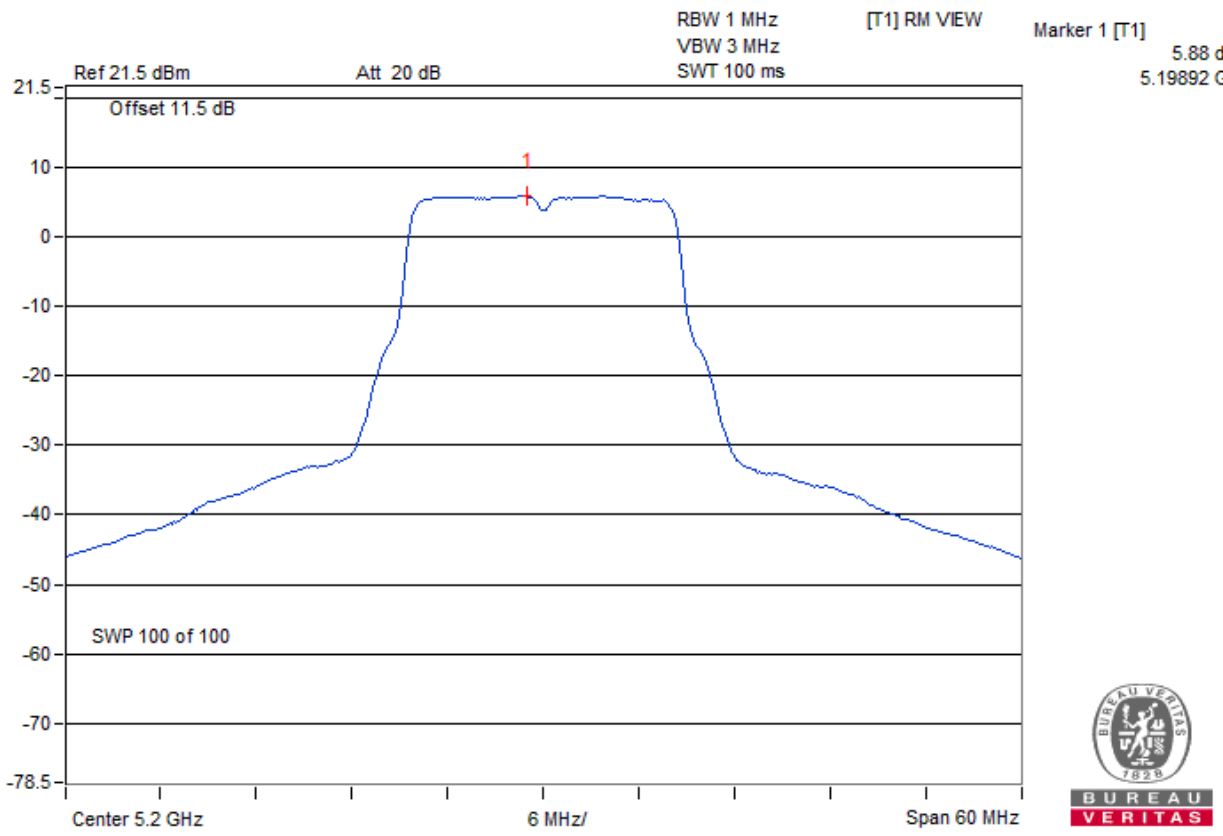
802.11ax (HE80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-4.08	-4.57	0.35	-0.95	9.57	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/2$]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 17-(13.43-6) = 9.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。

802.11a / Chain 1 / CH 40



For 5260 ~ 5320MHz and 5500 ~ 5720MHz

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
52	5260	0.06	0.07	0.28	3.36	3.57	Pass
60	5300	-0.15	-0.30	0.28	3.07	3.57	Pass
64	5320	-0.08	0.09	0.28	3.30	3.57	Pass
100	5500	-0.02	0.04	0.28	3.30	3.57	Pass
116	5580	0.20	0.04	0.28	3.41	3.57	Pass
140	5700	0.04	0.00	0.28	3.31	3.57	Pass
144	5720 (U-NII-2C)	0.16	0.13	0.28	3.44	3.57	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5260-5320MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
   5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
52	5260	0.15	0.18	0.12	3.30	3.57	Pass
60	5300	0.22	0.18	0.12	3.33	3.57	Pass
64	5320	0.20	0.23	0.12	3.35	3.57	Pass
100	5500	0.26	0.29	0.12	3.41	3.57	Pass
116	5580	0.31	0.22	0.12	3.40	3.57	Pass
140	5700	0.25	0.31	0.12	3.41	3.57	Pass
144	5720 (U-NII-2C)	0.24	0.28	0.12	3.39	3.57	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5260-5320MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
   5500-5720MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
54	5270	-0.03	-0.12	0.21	3.15	3.57	Pass
62	5310	0.14	-0.14	0.21	3.23	3.57	Pass
102	5510	0.10	-0.27	0.21	3.14	3.57	Pass
110	5550	0.21	-0.35	0.21	3.16	3.57	Pass
134	5670	0.18	0.10	0.21	3.36	3.57	Pass
142	5710 (U-NII-2C)	0.15	0.10	0.21	3.35	3.57	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
. 5270-5310MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
5510-5710MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

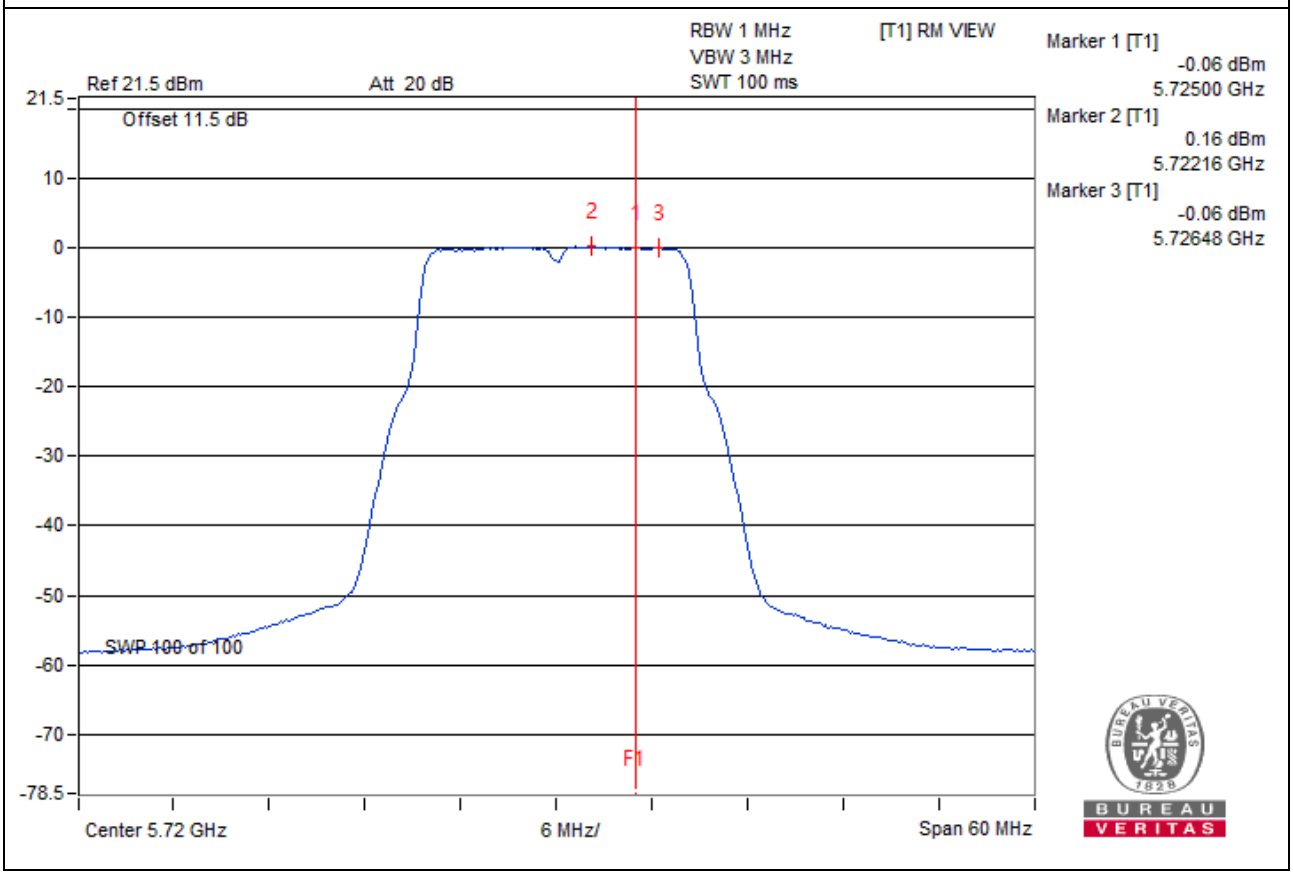
Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
58	5290	-4.81	-4.91	0.43	-1.42	3.57	Pass
106	5530	-3.36	-2.98	0.43	0.27	3.57	Pass
122	5610	-0.52	-1.02	0.43	2.67	3.57	Pass
138	5690 (U-NII-2C)	-0.82	-1.11	0.43	2.47	3.57	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5290MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
5530-5690MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 13.43dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.43 - 6) = 3.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。

802.11a / Chain 0 / CH 144



For 5745 ~ 5825MHz

802.11a

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	-0.10	2.12	3.01	0.25	5.38	22.57	Pass
	157	5785	-0.45	1.77	3.01	0.25	5.03	22.57	Pass
	165	5825	-0.50	1.72	3.01	0.25	4.98	22.57	Pass
1	149	5745	0.38	2.60	3.01	0.25	5.86	22.57	Pass
	157	5785	-0.34	1.88	3.01	0.25	5.14	22.57	Pass
	165	5825	0.28	2.50	3.01	0.25	5.76	22.57	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 30-(13.43-6) = 22.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	-1.29	0.93	3.01	0.16	4.10	22.57	Pass
	157	5785	-1.01	1.21	3.01	0.16	4.38	22.57	Pass
	165	5825	-1.28	0.94	3.01	0.16	4.11	22.57	Pass
1	149	5745	-0.39	1.83	3.01	0.16	5.00	22.57	Pass
	157	5785	-0.49	1.73	3.01	0.16	4.90	22.57	Pass
	165	5825	-0.49	1.73	3.01	0.16	4.90	22.57	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 30-(13.43-6) = 22.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	151	5755	-3.46	-1.24	3.01	0.22	1.99	22.57	Pass
	159	5795	-3.41	-1.19	3.01	0.22	2.04	22.57	Pass
1	151	5755	-3.65	-1.43	3.01	0.22	1.80	22.57	Pass
	159	5795	-3.59	-1.37	3.01	0.22	1.86	22.57	Pass

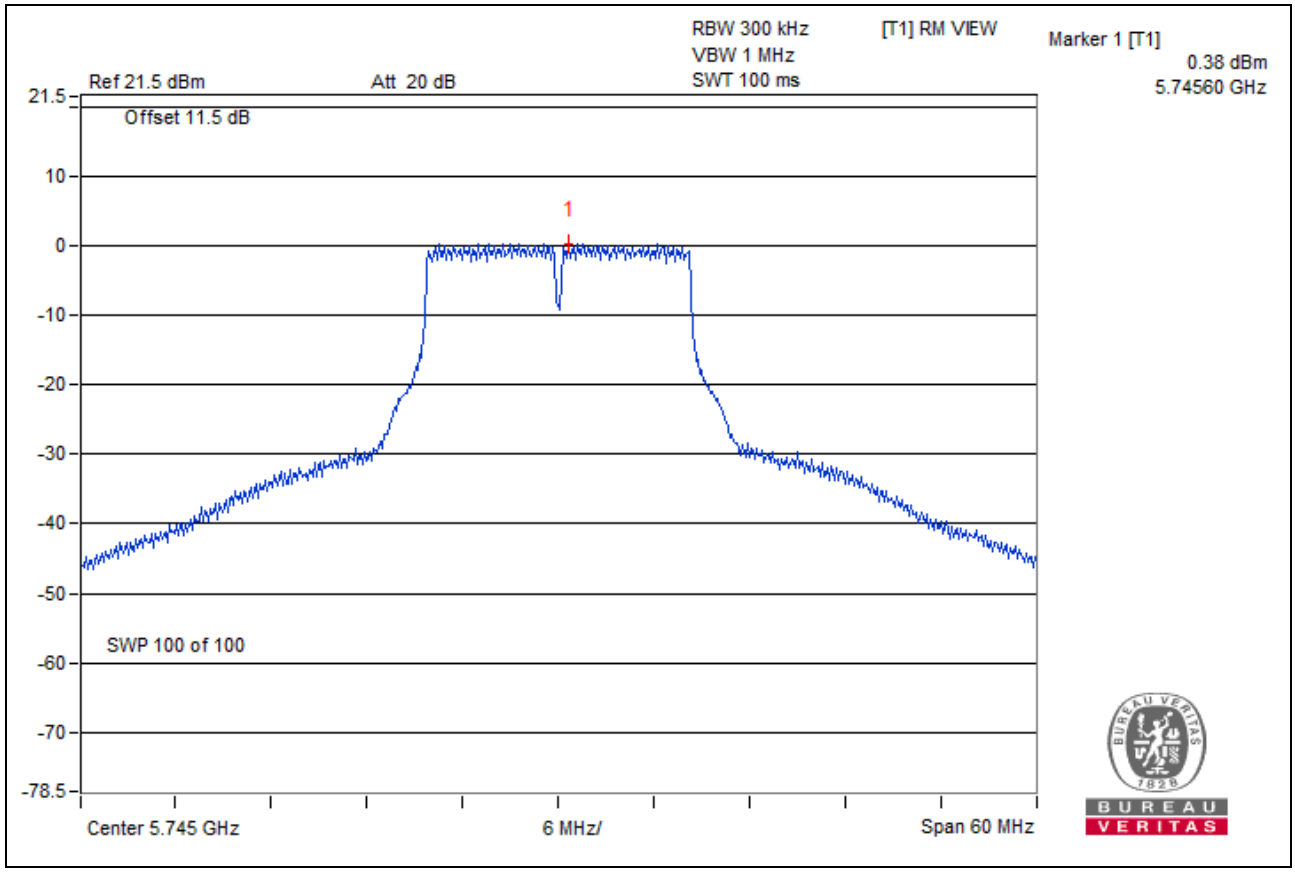
Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 30-(13.43-6) = 22.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	155	5775	-9.45	-7.23	3.01	0.35	-3.87	22.57	Pass
1	155	5775	-10.04	-7.82	3.01	0.35	-4.46	22.57	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[($10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20}$)^2/2]= 13.43dBi > 6dBi, so the power density limit shall be reduced to 30-(13.43-6) = 22.57dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



Scanning radio (Radio 3)

For 5180 ~ 5240MHz

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	6.22	6.41	0.24	9.56	15.25	Pass
40	5200	9.44	9.48	0.24	12.71	15.25	Pass
48	5240	9.14	9.31	0.24	12.47	15.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 17-(7.75-6) = 15.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	5.87	5.94	0.12	9.03	15.25	Pass
40	5200	8.69	8.91	0.12	11.93	15.25	Pass
48	5240	9.02	9.15	0.12	12.21	15.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 17-(7.75-6) = 15.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	0.30	0.45	0.24	3.62	15.25	Pass
46	5230	5.03	4.87	0.24	8.20	15.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 17-(7.75-6) = 15.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

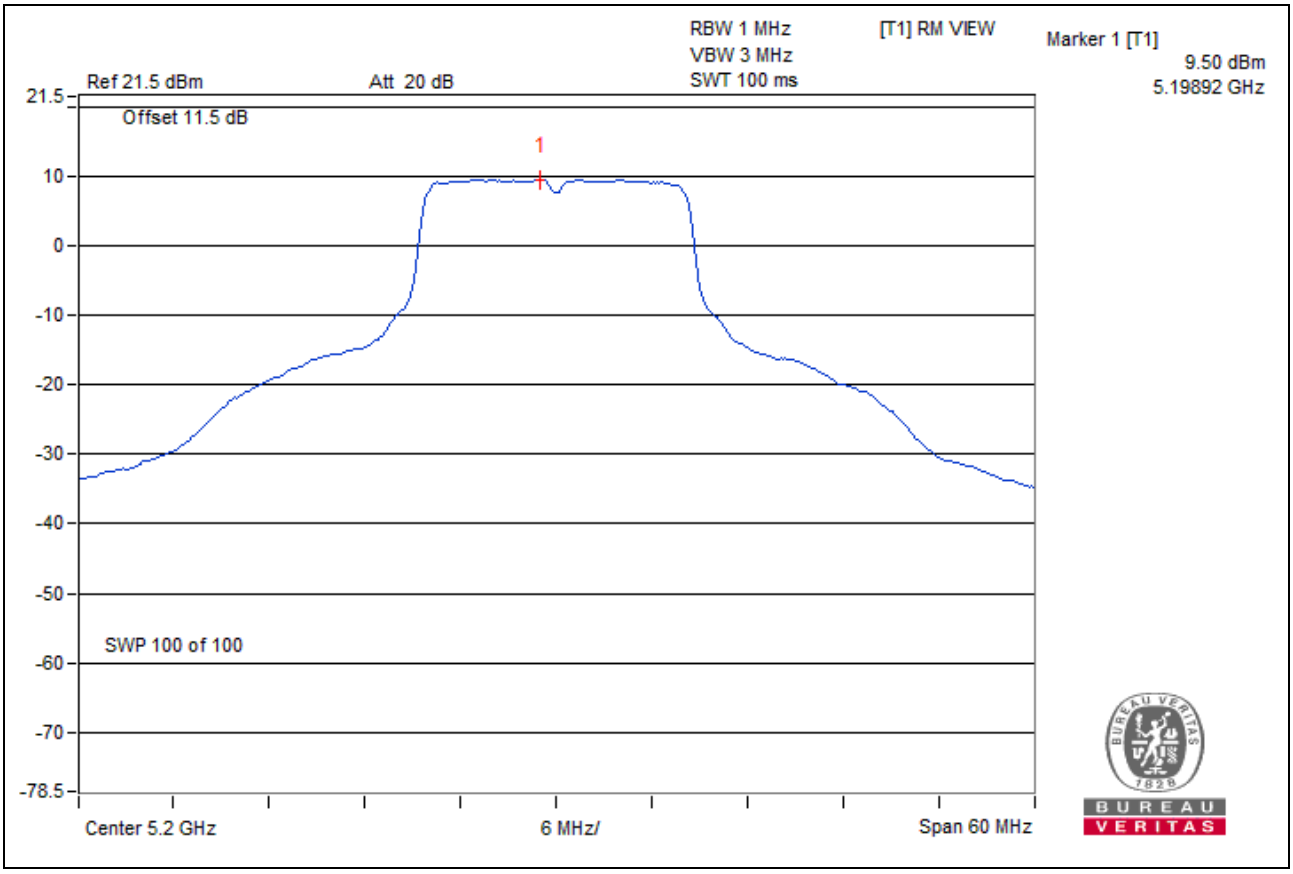
802.11ax (HE80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-2.06	-1.84	0.39	1.45	15.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 17-(7.75-6) = 15.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



For 5260 ~ 5320MHz and 5500 ~ 5720MHz

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
52	5260	5.42	5.04	0.32	8.56	9.25	Pass
60	5300	4.92	5.92	0.32	8.78	9.25	Pass
64	5320	5.58	5.82	0.32	9.03	9.25	Pass
100	5500	4.51	4.41	0.32	7.79	9.25	Pass
116	5580	5.71	5.75	0.32	9.06	9.25	Pass
140	5700	3.08	2.59	0.32	6.17	9.25	Pass
144	5720 (U-NII-2C)	5.65	5.68	0.32	8.99	9.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5260-5320MHz & 5500-5700MHz & 5720 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power density limit shall be reduced to 11 - (7.75 - 6) = 9.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
52	5260	5.87	5.58	0.15	8.89	9.25	Pass
60	5300	5.84	5.86	0.15	9.01	9.25	Pass
64	5320	5.79	5.91	0.15	9.01	9.25	Pass
100	5500	4.03	4.02	0.15	7.19	9.25	Pass
116	5580	5.72	5.63	0.15	8.84	9.25	Pass
140	5700	2.38	2.28	0.15	5.49	9.25	Pass
144	5720 (U-NII-2C)	5.94	5.83	0.15	9.05	9.25	Pass

Note:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5260-5320MHz & 5500-5700MHz & 5720 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power density limit shall be reduced to 11 - (7.75 - 6) = 9.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
54	5270	3.04	2.97	0.19	6.20	9.25	Pass
62	5310	1.27	1.16	0.19	4.41	9.25	Pass
102	5510	0.92	0.93	0.19	4.12	9.25	Pass
110	5550	4.07	3.89	0.19	7.18	9.25	Pass
134	5670	1.51	1.19	0.19	4.55	9.25	Pass
142	5710 (U-NII-2C)	5.91	5.80	0.19	9.05	9.25	Pass

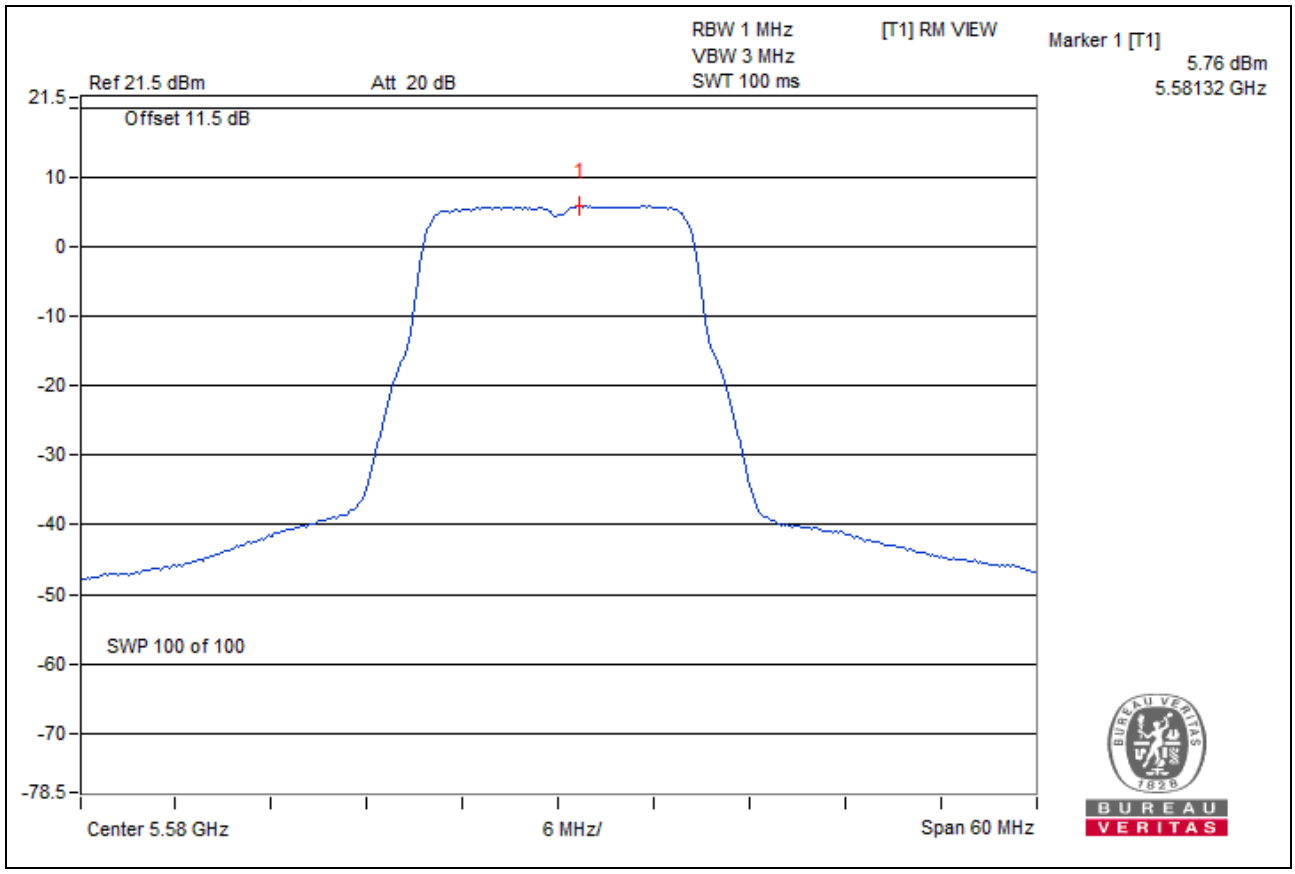
Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5270-5310MHz & 5510-5670MHz & 5710 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power density limit shall be reduced to 11 - (7.75 - 6) = 9.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
58	5290	-4.36	-4.52	0.42	-1.01	9.25	Pass
106	5530	-2.03	-1.97	0.42	1.43	9.25	Pass
122	5610	-0.36	-0.43	0.42	3.04	9.25	Pass
138	5690 (U-NII-2C)	2.64	2.45	0.42	5.98	9.25	Pass

Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5290MHz & 5530-5610MHz & 5690 MHz (U-NII-2C): Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 7.75dBi > 6dBi, so the power density limit shall be reduced to 11 - (7.75 - 6) = 9.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



For 5745 ~ 5825MHz

802.11a

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	1.23	3.45	3.01	0.24	6.70	28.25	Pass
	157	5785	0.92	3.14	3.01	0.24	6.39	28.25	Pass
	165	5825	0.85	3.07	3.01	0.24	6.32	28.25	Pass
1	149	5745	1.12	3.34	3.01	0.24	6.59	28.25	Pass
	157	5785	0.87	3.09	3.01	0.24	6.34	28.25	Pass
	165	5825	1.13	3.35	3.01	0.24	6.60	28.25	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 30-(7.75-6) = 28.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE20)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	0.07	2.29	3.01	0.12	5.42	28.25	Pass
	157	5785	0.06	2.28	3.01	0.12	5.41	28.25	Pass
	165	5825	0.04	2.26	3.01	0.12	5.39	28.25	Pass
1	149	5745	0.01	2.23	3.01	0.12	5.36	28.25	Pass
	157	5785	-0.09	2.13	3.01	0.12	5.26	28.25	Pass
	165	5825	-0.23	1.99	3.01	0.12	5.12	28.25	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 30-(7.75-6) = 28.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	151	5755	-3.64	-1.42	3.01	0.24	1.83	28.25	Pass
	159	5795	-2.17	0.05	3.01	0.24	3.30	28.25	Pass
1	151	5755	-3.71	-1.49	3.01	0.24	1.76	28.25	Pass
	159	5795	-2.05	0.17	3.01	0.24	3.42	28.25	Pass

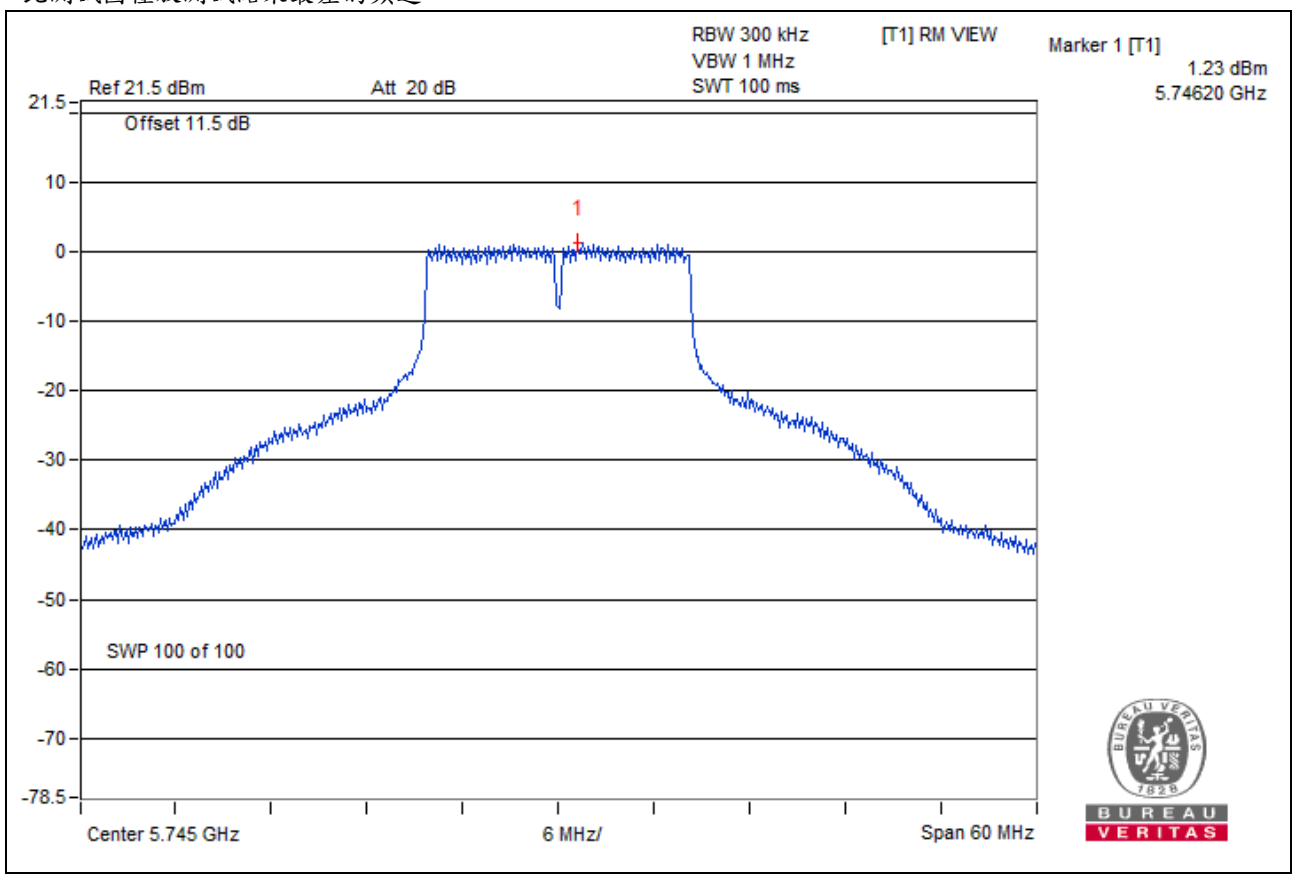
Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 30-(7.75-6) = 28.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	155	5775	-9.47	-7.25	3.01	0.39	-3.85	28.25	Pass
1	155	5775	-8.99	-6.77	3.01	0.39	-3.37	28.25	Pass

Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi > 6dBi, so the power density limit shall be reduced to 30-(7.75-6) = 28.25dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



12.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

13 6 dB 頻寬之要求

13.1 適用標準

待測物操作頻帶	適用標準
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 5 項(II)的規定

13.2 量測方法

a) 將待測物輸出經由衰減器接到頻譜分析儀上。
b) 設定待測物處於連續發射狀態。
c) 計算由最大輸出功率峰值減6dB的最大頻率範圍。

13.3 量測儀器

同 6.3 節。

13.4 測試配置

同 6.4 節。

13.5 量測結果

操作模式	發射	測試日期	110 年 01 月 05 日、 110 年 03 月 27 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	吳佳衡		

5G traffic radio (Radio 1)

802.11a

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.42	16.40	0.5	Pass
157	5785	16.43	16.43	0.5	Pass
165	5825	16.42	16.42	0.5	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	19.08	19.03	0.5	Pass
157	5785	19.08	19.06	0.5	Pass
165	5825	19.08	19.08	0.5	Pass

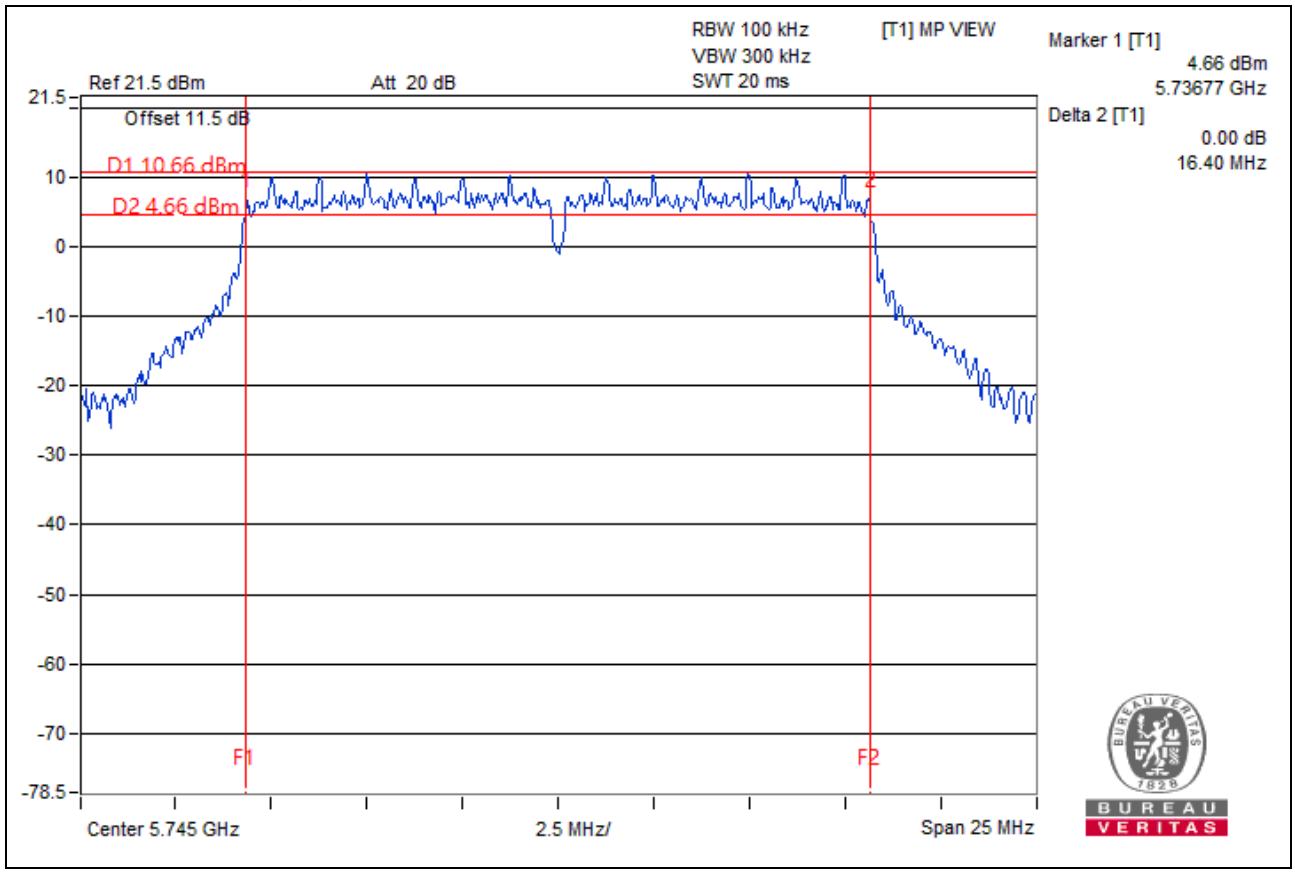
802.11ax (HE40)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	37.67	37.38	0.5	Pass
159	5795	37.87	37.67	0.5	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	76.77	76.58	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



5G traffic radio (Radio 2)

802.11a

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.42	16.40	0.5	Pass
157	5785	16.43	16.42	0.5	Pass
165	5825	16.42	16.43	0.5	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	19.07	19.03	0.5	Pass
157	5785	19.07	19.05	0.5	Pass
165	5825	19.08	19.03	0.5	Pass

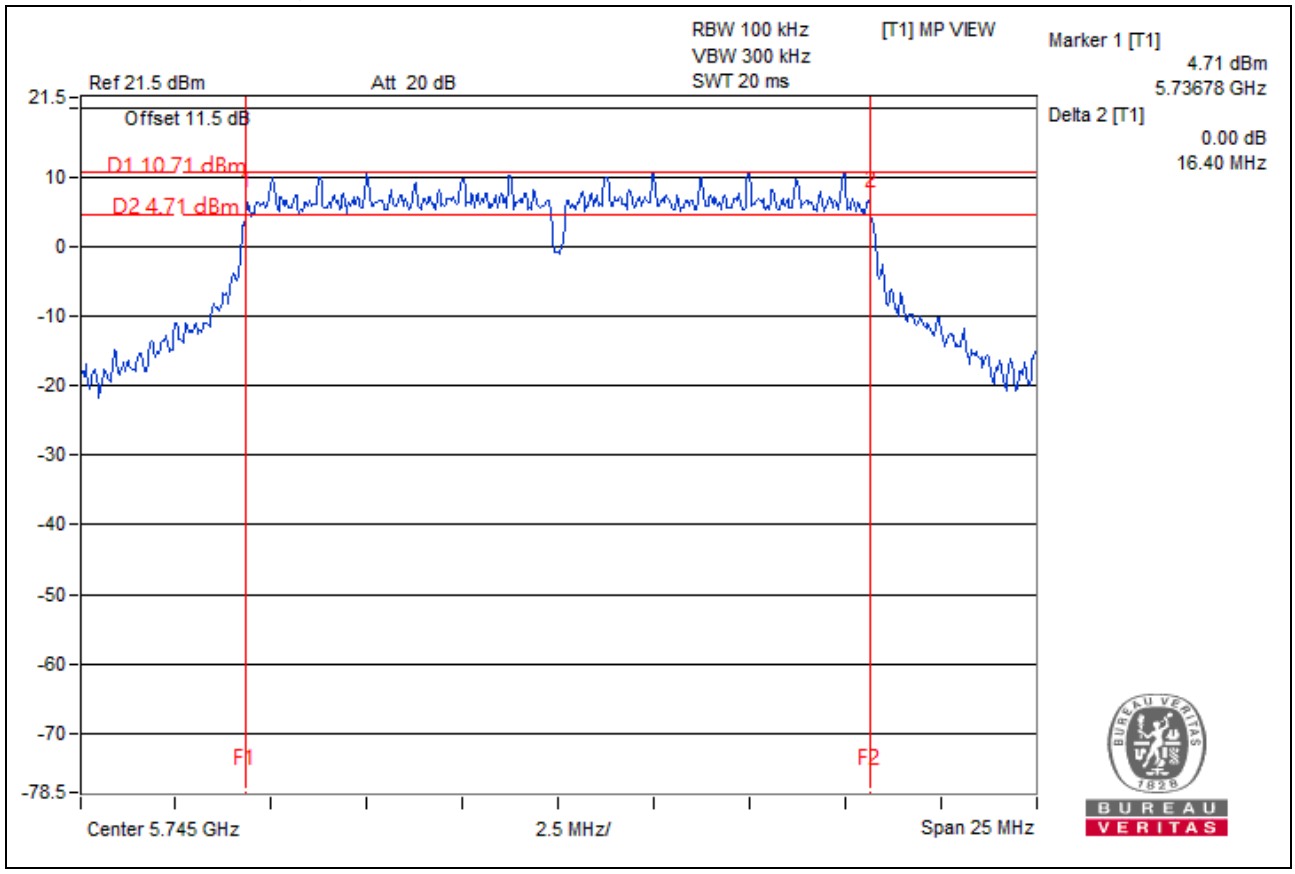
802.11ax (HE40)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	37.73	37.59	0.5	Pass
159	5795	37.76	37.61	0.5	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	77.72	75.70	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



Scanning radio (Radio 3)

802.11a

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.39	16.41	0.5	Pass
157	5785	16.39	16.40	0.5	Pass
165	5825	16.41	16.42	0.5	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	18.96	18.93	0.5	Pass
157	5785	18.94	18.98	0.5	Pass
165	5825	18.97	18.81	0.5	Pass

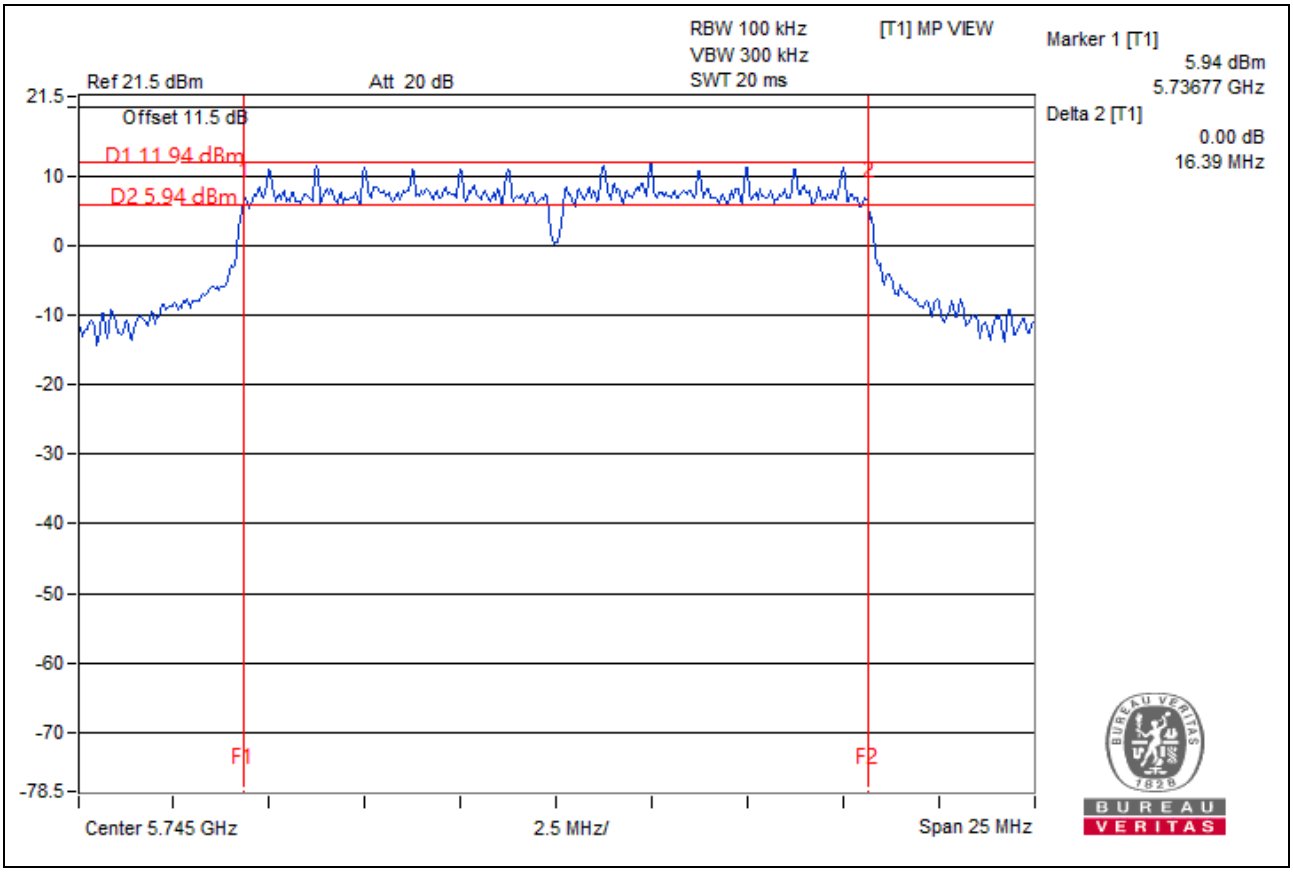
802.11ax (HE40)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	37.78	37.50	0.5	Pass
159	5795	37.78	37.49	0.5	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	77.81	77.55	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



13.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

14 電波暴露量之評估

14.1 適用標準

請見本報告3.1節第12項的規定。

14.2 評估方法

a) 以第7.5、11.5節所測得的最大輸出功率值再加上待測物天線的增益值(Gain)帶入下面公式換算出待測物所輻射的功率密度。

b) $Pd = (Pout*G) / (4*pi*r^2)$
where
Pd = power density in mW/cm^2
Pout = output power to antenna in mW
G = gain of antenna in linear scale
Pi = 3.1416
R = distance between observation point and center of the radiator in cm

14.3 評估結果

Radio	Frequency Band (MHz)	Max AV Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
Radio 1	CDD Mode					
	2412-2462	25.61	13.25	39	0.402	1
	5500-5720	19.00	13.54	39	0.094	1
	5745-5825	25.15	13.54	39	0.387	1
	Beamforming Mode					
	2412-2462	21.17	13.25	39	0.145	1
	5500-5720	15.99	13.54	39	0.047	1
	5745-5825	22.14	13.54	39	0.193	1
Radio 2	CDD Mode					
	5180-5240	22.98	13.43	39	0.229	1
	5260-5320	18.29	13.43	39	0.078	1
	5500-5720	19.38	13.43	39	0.100	1
	5745-5825	25.42	13.43	39	0.401	1
	Beamforming Mode					
	5180-5240	19.97	13.43	39	0.114	1
	5260-5320	15.28	13.43	39	0.039	1
	5500-5720	16.37	13.43	39	0.050	1
	5745-5825	22.41	13.43	39	0.201	1

Radio	Frequency Band (MHz)	Max AV Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
Radio 3	CDD Mode					
	2412-2462	28.16	7.5	39	0.193	1
	5180-5240	25.38	7.75	39	0.108	1
	5260-5320	23.22	7.75	39	0.065	1
	5500-5720	22.26	7.75	39	0.052	1
	5745-5825	25.20	7.75	39	0.103	1
	Beamforming Mode					
	2412-2462	20.92	7.5	39	0.036	1
	5180-5240	22.16	7.75	39	0.051	1
	5260-5320	20.21	7.75	39	0.033	1
	5500-5720	19.25	7.75	39	0.026	1
	5745-5825	22.19	7.75	39	0.052	1
BT LE	2402-2480	10.36	4.22	39	0.002	1
Zigbee	2405-2480	10.34	4.22	39	0.001	1

註: 上述天線的規格資訊由申請者聲明，實驗室不承擔任何責任。

Radio 1:

2.4GHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.25dBi

5.0GHz Band 3: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.54dBi

5.0GHz Band 4: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.54dBi

Radio 2:

5.0GHz Band 1 & 4: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi

5.0GHz Band 2 & 3: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 13.43dBi

Radio 3:

2.4GHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.50dBi

5.0GHz Band 1 & 4: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi

5.0GHz Band 2 & 3: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2/2$]= 7.75dBi

Conclusion:

Both of the WLAN 2.4G & WLAN 5G can transmit simultaneously, the formula of calculated the MPE is:

CPD1 / LPD1 + CPD2 / LPD2 + ……etc. < 1

CPD = Calculation power density

LPD = Limit of power density

The simultaneous operation mode was determined by client.

No	Mode
1	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + BLE = 0.402/1 + 0.401 /1 + 0.108/1 + 0.002=0.913
2	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + BLE = 0.387/1 + 0.401 /1 + 0.193/1 + 0.002=0.983
3	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + BLE = 0.387/1 + 0.401 /1 + 0.108/1 + 0.002=0.898
4	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + Zigbee = 0.402/1 + 0.401 /1 + 0.108/1 + 0.001=0.912
5	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + Zigbee = 0.387/1 + 0.401 /1 + 0.193/1 + 0.001=0.982
6	5G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + Zigbee = 0.387/1 + 0.401 /1 + 0.108/1 + 0.001=0.897

* 5GHz traffic radio (Radio 2) and 5G Scanning radio (Radio 3) cannot transmit in the same band at same time. 2G traffic radio (Radio 1) and 2G Scanning radio (Radio 3) cannot transmit at same time.
* 5GHz traffic radio (Radio1) and 5GHz traffic radio (Radio2) cannot transmit at the same time in the UNII-3 band.
* Zigbee and BT technologies cannot transmit at same time.

Therefore the maximum calculations of above situations are less than the “1” limit.

15 檢測實驗室基本資料

立德國際商品試驗有限公司桃園分公司提供產業界最佳的檢測以及諮詢服務。
本公司為ISO/IEC 17025認可實驗室。

如您有任何問題或建議，請與下列實驗室聯絡：

林口 EMC / RF 實驗室 ：
Tel: 886-2-26052180
Fax: 886-2-26051924

新竹 EMC / RF 及通訊實驗室 ：
Tel: 886-3-6668565
Fax: 886-3-6668323

華亞 EMC / RF / Safety 實驗室:
Tel: 886-3-3183232
Fax: 886-3-3270892

Email:service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

您也可以在我們的網站內找到各實驗室的地圖。

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