低功率射頻器材技術規範測試報告

報告編號	**RTBDYS-WTW-P20110432A**
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-432F**
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 **07** 月 **01** 日

報告簽署人簽章:



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報告發行紀錄

Issue No.	Description	Date Issued
RTBDYS-WTW-P20110432A	Original release	110 年 07 月 01 日

證 明 書

發行日期：110 年 07 月 01 日

產 品 名 稱	：	Secured Wireless Access Point
商 標	：	FORTINET
型 號	：	FAP-432F
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-432F),收件日期 109 年 11 月 13 日，於 109 年 11 月 18 日至 110 年 06 月 29 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：簡佳琪 ，日 期：110 年 07 月 01 日

簡佳琪 / 專員

審 核 者：陳志偉 ，日 期：110 年 07 月 01 日

陳志偉 / 高級專案工程師

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: 台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-432F

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

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

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)

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)

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

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

Note:

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。

2 一般敘述

2.1 待測設備

產 品 名 稱：	Secured Wireless Access Point
型 號：	FAP-432F
額 定 電 源：	54Vdc from PoE
調 變 技 術：	802.11b: BPSK, QPSK, CCK 802.11a/g/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
傳 輸 速 率：	802.11b: 11/5.5/2/1Mbps 802.11a/g: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733Mbps 802.11ax: up to 4803.9Mbps
載 波 頻 率：	2.4GHz: 2412~2462MHz 5GHz: 5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz
頻 道 數：	2GHz traffic radio: 802.11b, 802.11g, 802.11n (HT20), 802.11ac (VHT20) , 802.11ax (HE20): 11 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 7 Scanning radio: 802.11b, 802.11g, 802.11n (HT20): 11 802.11n (HT40): 7 5GHz traffic radio: 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): 1 802.11ac (VHT80+VHT80), 802.11ax (HE80+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): 1 802.11ac (VHT80+VHT80), 802.11ax (HE80+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): 3 802.11ac (VHT80+VHT80), 802.11ax (HE80+HE80): 2

頻 道 數：	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 Scanning radio: 5180 ~ 5240MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 4 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1 5745 ~ 5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 5 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1
發 射 功 率：	見註 6
天 線 種 類：	見註 2
電 源 線 類 別：	NA
信 號 線 類 別：	NA
配 件：	見註 5

註1: 待測設備之技術的種類為4Tx/4Rx之組合。

Modulation Mode	CDD Mode	Beamforming Mode	TX Function	Radio
802.11b	Support	Not Support	4TX	2G traffic radio (Radio 1)
802.11g	Support	Not Support	4TX	
802.11n (HT20)	Support	Not Support	4TX	
802.11n (HT40)	Support	Not Support	4TX	
802.11ac (VHT20)	Support	Support	4TX	
802.11ac (VHT40)	Support	Support	4TX	
802.11ax (HE20)	Support	Support	4TX	
802.11ax (HE40)	Support	Support	4TX	
802.11a	Support	Not Support	4TX	5G traffic radio (Radio 2)
802.11n (HT20)	Support	Not Support	4TX	
802.11n (HT40)	Support	Not Support	4TX	
802.11ac (VHT20)	Support	Support	4TX	
802.11ac (VHT40)	Support	Support	4TX	
802.11ac (VHT80)	Support	Support	4TX	
802.11ac (VHT80+80)	Support	Support	4TX	
802.11ax (HE20)	Support	Support	4TX	
802.11ax (HE40)	Support	Support	4TX	
802.11ax (HE80)	Support	Support	4TX	
802.11ax (HE80+80)	Support	Support	2TX+2TX	

Modulation Mode	CDD Mode	Beamforming Mode	TX Function	Radio
802.11b	Support	Not Support	1TX	Scanning radio (Radio 3)
802.11g	Support	Not Support	1TX	
802.11a	Support	Not Support	1TX	
802.11n (HT20)	Support	Not Support	1TX	
802.11n (HT40)	Support	Not Support	1TX	
802.11ac (VHT20)	Support	Not Support	1TX	
802.11ac (VHT40)	Support	Not Support	1TX	
802.11ac (VHT80)	Support	Not Support	1TX	

* 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 7)

* For 802.11n/ax, CDD mode and Beamforming mode are presented in power output test item. For other test items, CDD mode is the worst case for final tests after pretesting.

註2: 待測設備搭配測試的天線如下。

Antenna Type	Dipole
Antenna Connector	N-type Plug
Brand	Senao
Model	5718A0394300
Frequency (MHz)	Gain (dBi)
2400	5.1
2450	5.0
2500	5.5
4900	6.1
5150	6.5
5250	6.4
5350	6.7
5450	7.2
5550	6.6
5650	6.6
5750	7.0
5850	6.9

*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	-2.59 dBi	
Radio 3 Band 1	-2.59 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 YZ Plane (antenna specification of 30~150 dug and 210~330 dug)

*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: 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
2	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + Zigbee
3	5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + BLE
4	5GHz traffic radio (Radio 2) + 2G 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.
* Zigbee and BT technologies cannot transmit at same time.

註4: Spurious emission of the simultaneous operation (WLAN, BLE and Zigbee) has been evaluated and no non-compliance was found.

註5: 待測設備使用以下配件。
*本案器材以申請者切結提供的隨貨配件，測試架構以實驗室提供的配件併同檢測。產品之照片請參照 BV CPS 報告編號:BDYS-WTW-P21020556。測試配件之照片請參照BV CPS報告編號:BDYS-WTW-P21020556_SU，測試設置照片請參照 BV CPS 報告編號：BDYS-WTW-P21020556_TSup。

隨貨配件				
配件	廠牌/製造商	型號	規格	備註
GIGABIT SINGLE PORT PoE ADAPTER-1	SENAO	PIN060-54PR	Input Power: 100-240Vac, 50-60Hz, 1.5A Output Power: 54Vdc, 1.11A	隨貨配件
AC CORD 600mm	I-SHENG	SP-30+IS-034	600mm 2.5A, 125V, 2P+E, C13 型	隨貨配件
WIRE GEN AWG10 180cm 1GRN LFP	BO YAO	7021A0021810	180cm non-shielded without core	隨貨配件
GIGABIT SINGLE PORT PoE ADAPTER-2	SENAO	EPA5006GP	Input Power: 100-240Vac, 50/60Hz, 0.8A Output Power: 54Vdc, 0.6A	選購品

測試配件					
配件	廠牌/製造商	型號	序號	規格	備註
LAN cable	AMP NETCONNECT	RN11060081	01	1.5m non-shielded without core	實驗室提供
LAN cable	AMP NETCONNECT	RN11060081	02	7.0m non-shielded without core	實驗室提供

註6: 發射功率列表如下 (dBm):

2.4GHz Band

Frequency Band (MHz)	Mode	2G traffic radio		Scanning radio
		CDD	Beamforming	CDD
2412 ~ 2462MHz	802.11b	29.12	-	18.74
	802.11g	28.69	-	18.49
	802.11n (HT20)	28.23	-	18.25
	802.11n (HT40)	23.87	-	17.73
	802.11ac (VHT20)	28.34	24.35	-
	802.11ac (VHT40)	24.05	22.63	-
	802.11ax (HE20)	28.55	24.41	-
	802.11ax (HE40)	24.19	22.82	-

5GHz Band

Frequency Band (MHz)	Mode	5G traffic radio		Scanning radio
		CDD	Beamforming	CDD
5180 ~ 5240MHz (Outdoor Access Point)	802.11a	23.45	-	16.26
	802.11n (HT20)	23.10	-	16.13
	802.11n (HT40)	22.94	-	15.65
	802.11ac (VHT20)	23.31	17.41	-
	802.11ac (VHT40)	23.12	17.42	-
	802.11ac (VHT80)	21.47	17.06	9.04
	802.11ac (VHT80+80)	18.13	17.51	-
	802.11ax (HE20)	23.50	17.45	-
	802.11ax (HE40)	23.26	17.45	-
	802.11ax (HE80)	21.61	17.11	-
	802.11ax (HE80+80)	18.15	17.55	-
5180 ~ 5240MHz (Indoor Access Point)	802.11a	23.45	-	16.26
	802.11n (HT20)	24.04	-	16.13
	802.11n (HT40)	26.32	-	15.65
	802.11ac (VHT20)	24.08	22.54	-
	802.11ac (VHT40)	26.46	22.37	-
	802.11ac (VHT80)	21.47	19.84	9.04
	802.11ac (VHT80+80)	18.13	17.51	-
	802.11ax (HE20)	24.12	22.71	-
	802.11ax (HE40)	26.74	22.54	-
	802.11ax (HE80)	21.61	20.04	-
	802.11ax (HE80+80)	18.15	17.55	-
5260 ~ 5320MHz	802.11a	16.12	-	-
	802.11n (HT20)	16.65	-	-
	802.11n (HT40)	19.55	-	-
	802.11ac (VHT20)	16.69	16.61	-
	802.11ac (VHT40)	19.58	16.51	-
	802.11ac (VHT80)	20.64	16.57	-
	802.11ac (VHT80+80)	18.01	17.35	-
	802.11ax (HE20)	16.71	16.65	-
	802.11ax (HE40)	19.60	16.53	-
	802.11ax (HE80)	20.68	16.59	-
	802.11ax (HE80+80)	18.03	17.38	-
5500 ~ 5720MHz	802.11a	16.67	-	-
	802.11n (HT20)	16.50	-	-
	802.11n (HT40)	19.61	-	-
	802.11ac (VHT20)	16.52	16.46	-
	802.11ac (VHT40)	19.65	16.58	-
	802.11ac (VHT80)	22.52	16.73	-
	802.11ac (VHT80+80)	19.64	16.54	-
	802.11ax (HE20)	16.55	16.49	-
	802.11ax (HE40)	19.67	16.63	-
	802.11ax (HE80)	22.54	16.76	-
	802.11ax (HE80+80)	19.67	16.57	-

Frequency Band (MHz)	Mode	5G traffic radio		Scanning radio
		CDD	Beamforming	CDD
5745 ~ 5825MHz	802.11a	28.78	-	18.39
	802.11n (HT20)	28.45	-	18.11
	802.11n (HT40)	28.37	-	17.77
	802.11ac (VHT20)	28.59	22.51	-
	802.11ac (VHT40)	28.53	21.84	-
	802.11ac (VHT80)	25.58	22.51	17.62
	802.11ax (HE20)	28.76	22.72	-
	802.11ax (HE40)	28.73	22.51	-
	802.11ax (HE80)	25.75	22.66	-

註7: 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: 802.11ax (HE20): Ch 11 Scanning radio: 802.11n (HT40): Ch 9
	其它不必要之訊號	2G traffic radio: 802.11ax (HE20): Ch 11 Scanning radio: 802.11n (HT40): Ch 9	
電源線傳導干擾		2G traffic radio: 802.11ax (HE20): Ch 11 Scanning radio: 802.11n (HT40): Ch 9	

5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz			
場強輻射量測	1GHz 以上量測	5G traffic 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, 155 802.11ax (HE80+80): Ch 42+58, 106+122 Scanning radio: 802.11a: Ch 36, 40, 48, 149, 157, 165 802.11n (HT20): Ch 36, 40, 48, 149, 157, 165 802.11n (HT40): Ch 38, 46, 151, 159 802.11ac (VHT80): Ch 42, 155	5G traffic radio: 802.11ax (HE80): Ch42 Scanning radio: 802.11ac (VHT80): Ch 155
	其它不必要之訊號	5G traffic radio: 802.11ax (HE80): Ch42 Scanning radio: 802.11ac (VHT80): Ch 155	
電源線傳導干擾		5G traffic radio: 802.11ax (HE80): Ch42 Scanning radio: 802.11ac (VHT80): Ch 155	

*經比對使用Indoor AP 模式為worst case，並以此模式進行最終測試。

註8: 其測試模式如下。

測試模式	測試狀態
A	EUT with PoE ADAPTER-1
B	EUT with PoE ADAPTER-2

*電源線傳導干擾量測和場強輻射量測之其它不必要之訊號進行上述兩種測試模式，但其它測試項目以測試模式A具有較大干擾雜訊，因此僅此模式記錄在報告中。

註9: 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10: 此待測設備，經評估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。

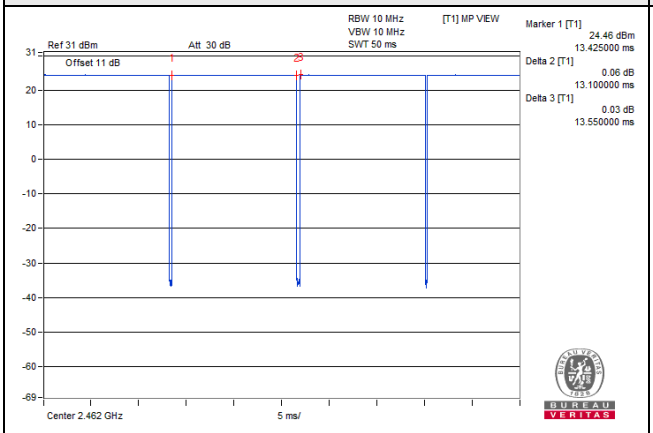
註11: Duty cycle of test signal.
Duty cycle of test signal is ≥ 98%, duty factor is not required.
Duty cycle of test signal is < 98%, duty factor shall be considered.

2.4GHz Band:

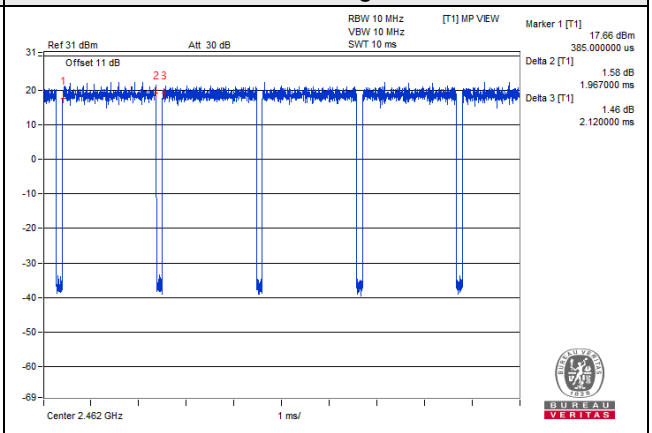
2G traffic radio:

802.11b: Duty cycle = 13.1/13.55 = 0.967, Duty factor = 10 * log (1/0.967) = 0.15
802.11g: Duty cycle = 1.967/2.12 = 0.928, Duty factor = 10 * log (1/0.928) = 0.33
802.11ax (HE20): Duty cycle = 5.415/5.86 = 0.924, Duty factor = 10 * log (1/0.924) = 0.34
802.11ax (HE40): Duty cycle = 5.42/5.875 = 0.923, Duty factor = 10 * log (1/0.923) = 0.35

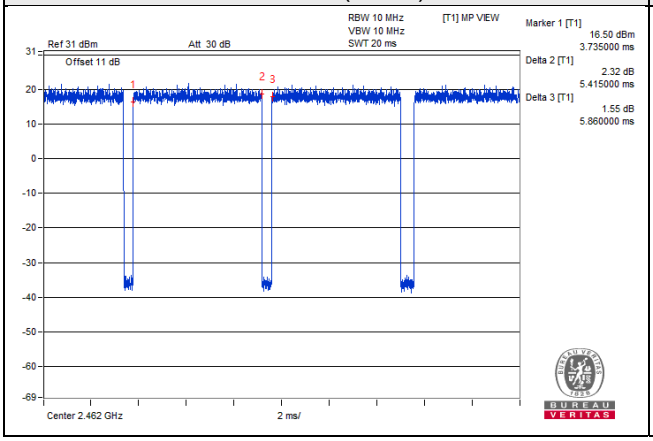
802.11b



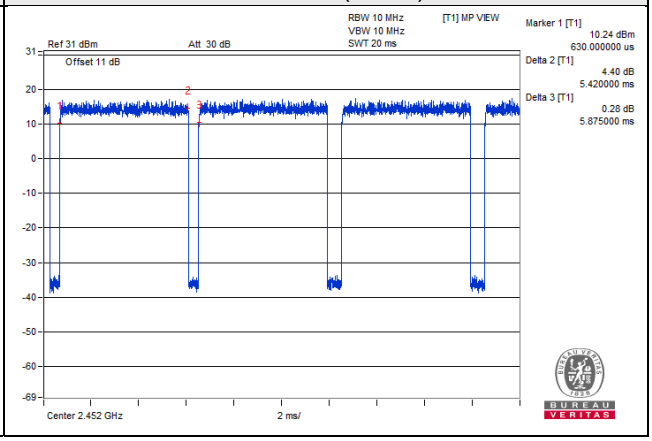
802.11g



802.11ax (HE20)



802.11ax (HE40)



Scanning radio:

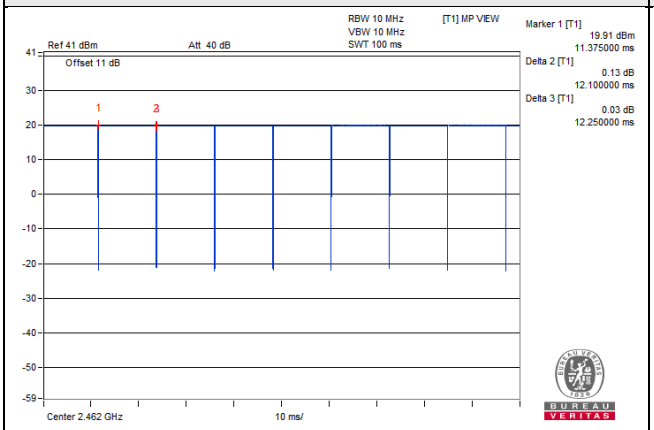
802.11b: Duty cycle = 12.1/12.25 = 0.988

802.11g: Duty cycle = 2/2.105 = 0.950, Duty factor = 10 * log (1/0.950) = 0.22

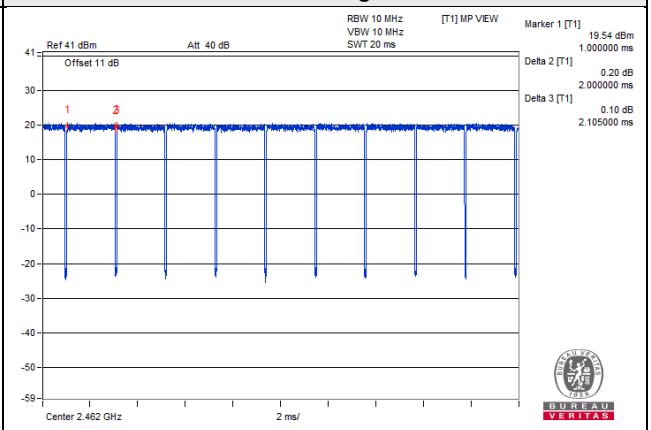
802.11n (HT20): Duty cycle = 1.86/2.1 = 0.886, Duty factor = 10 * log (1/0.886) = 0.53

802.11n (HT40): Duty cycle = 0.922/1.024 = 0.900, Duty factor = 10 * log (1/0.900) = 0.46

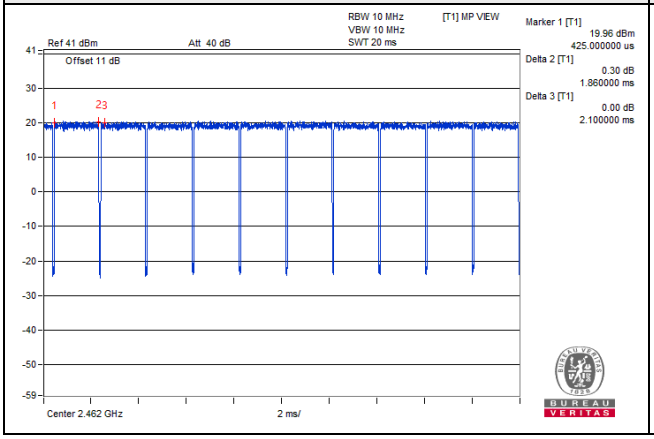
802.11b



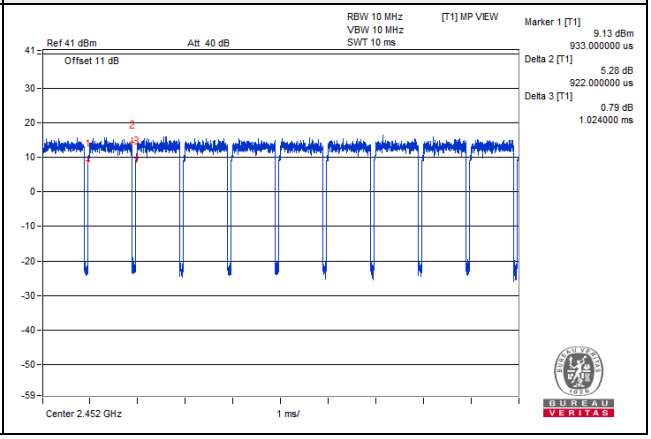
802.11g



802.11n (HT20)



802.11n (HT40)



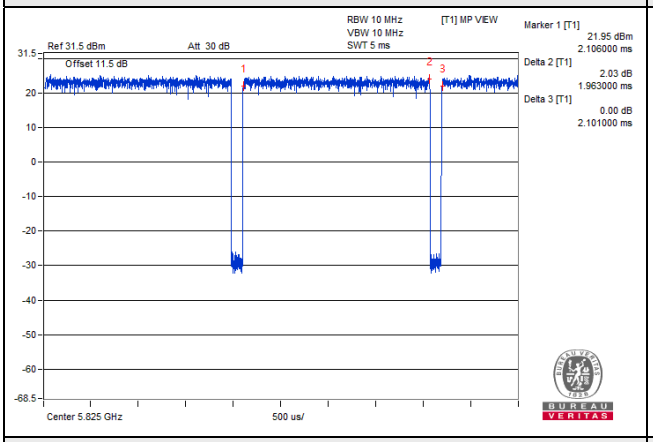
For 5GHz Band

5.150~5.250GHz & 5.725~5.850GHz

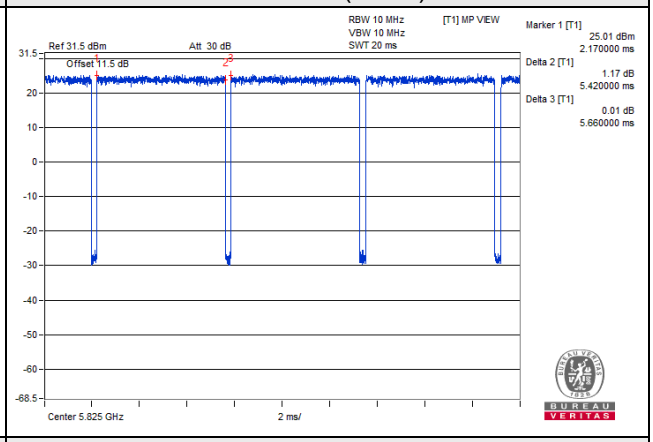
5G traffic radio:

802.11a: Duty cycle = 1.963/2.101 = 0.934, Duty factor = 10 * log (1/0.934) = 0.30
802.11ax (HE20): Duty cycle = 5.42/5.66 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19
802.11ax (HE40): Duty cycle = 5.362/6.462 = 0.830, Duty factor = 10 * log (1/0.830) = 0.81
802.11ax (HE80): Duty cycle = 5.4/5.788 = 0.933, Duty factor = 10 * log (1/0.933) = 0.30

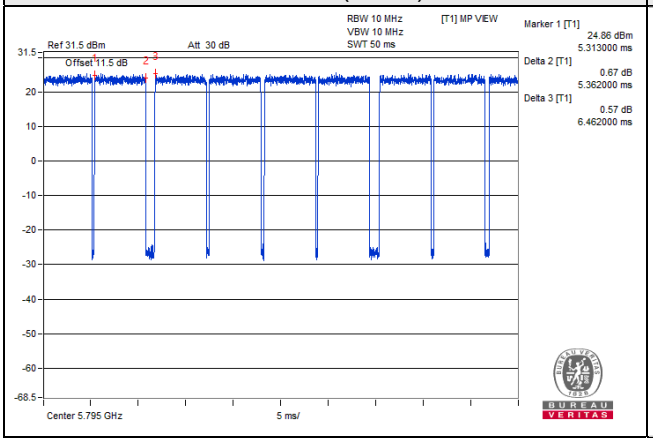
802.11a



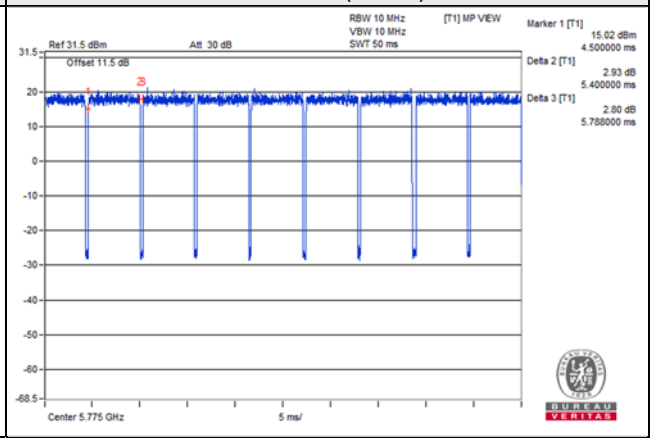
802.11ax (HE20)



802.11ax (HE40)

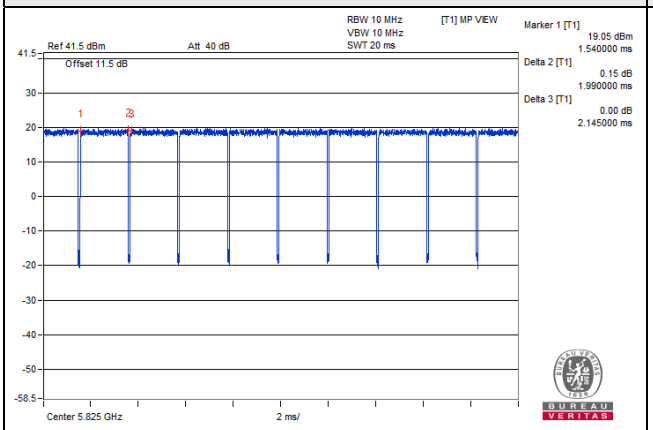
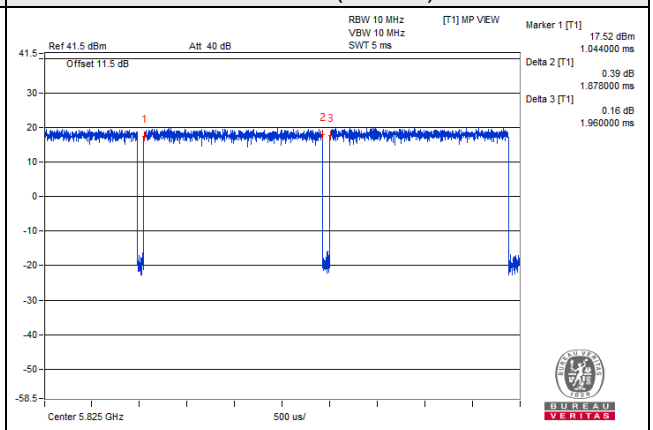
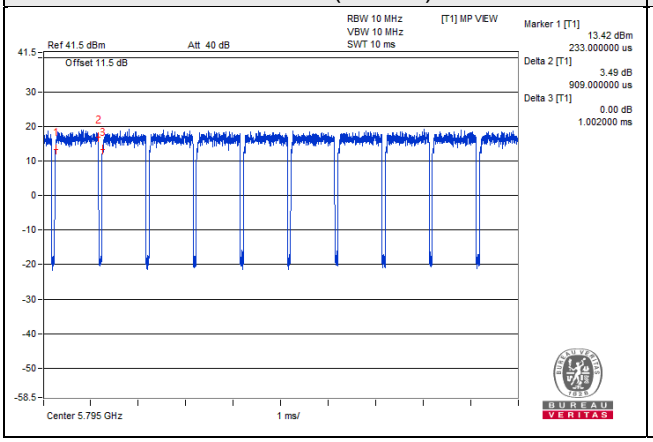
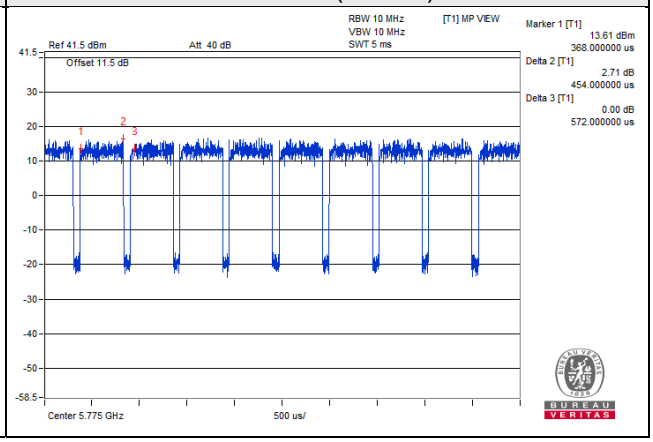


802.11ax (HE80)



Scanning radio:

802.11a: Duty cycle = 1.99/2.145 = 0.928, Duty factor = 10 * log (1/0.928) = 0.33
802.11ac (VHT20): Duty cycle = 1.878/1.96 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19
802.11ac (VHT40): Duty cycle = 0.909/1.002 = 0.907, Duty factor = 10 * log (1/0.907) = 0.42
802.11ac (VHT80): Duty cycle = 0.454/0.572 = 0.794, Duty factor = 10 * log (1/0.794) = 1.00

802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	802.11ac (VHT80)
	

5.250~5.350GHz & 5.470~5.725GHz (包含 5720MHz, 5710MHz & 5690MHz)

5G traffic radio:

802.11a: Duty cycle = 1.404/1.549 = 0.906, Duty factor = 10 * log (1/0.906) = 0.43

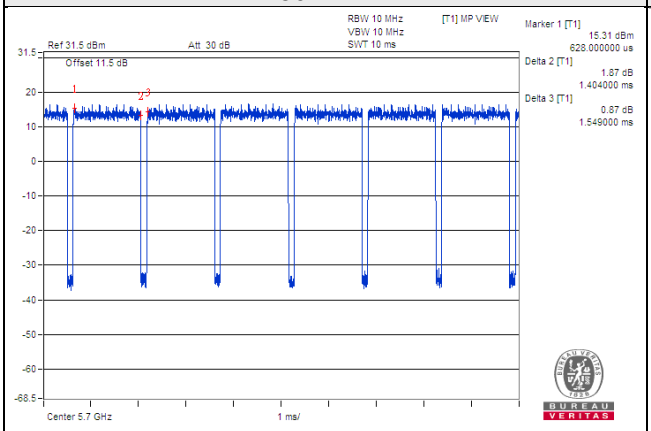
802.11ax (HE20): Duty cycle = 5.420/5.670 = 0.956, Duty factor = 10 * log (1/0.956) = 0.20

802.11ax (HE40): Duty cycle = 5.425/5.670 = 0.957, Duty factor = 10 * log (1/0.957) = 0.19

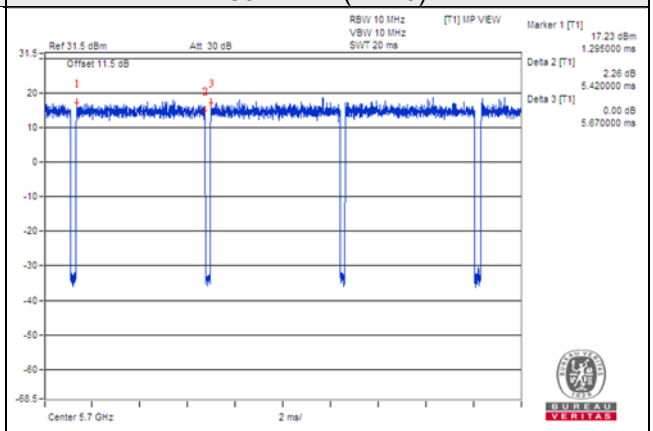
802.11ax (HE80): Duty cycle = 5.425/5.760 = 0.942, Duty factor = 10 * log (1/0.942) = 0.26

802.11ax (HE80+80): Duty cycle = 5.425/5.760 = 0.942, Duty factor = 10 * log (1/0.942) = 0.26

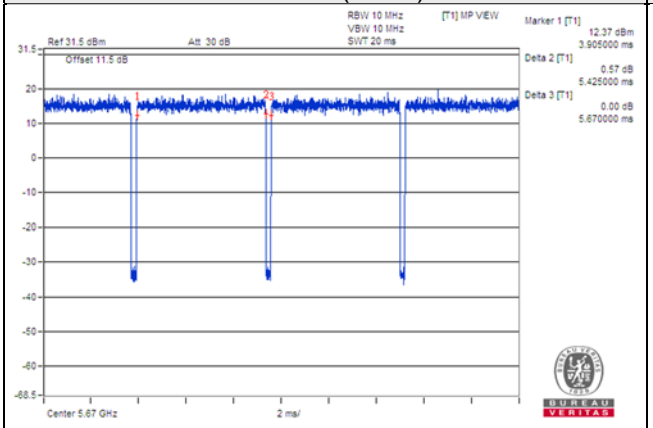
802.11a



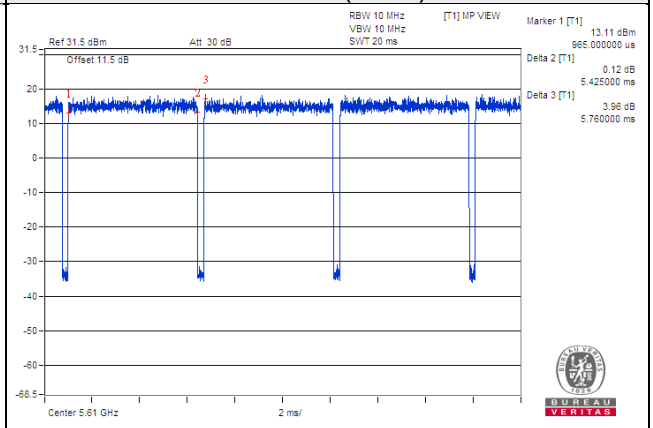
802.11ax (HE20)



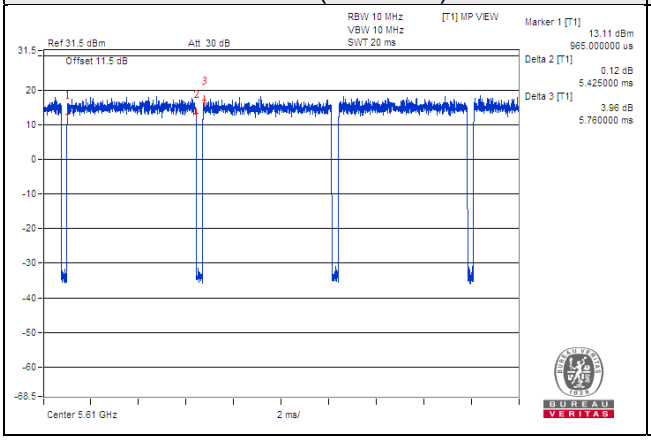
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE80+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	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437		

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

802.11ac (VHT80+80), 802.11ax (HE80+80):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
42+58	5210 MHz+5290 MHz	106+122	5530 MHz +5610 MHz

詳細之規格請參考使用說明書。

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	-
C.	PoE ADAPTER-2	SENAO	EPA5006GP	NA	NA	選購品

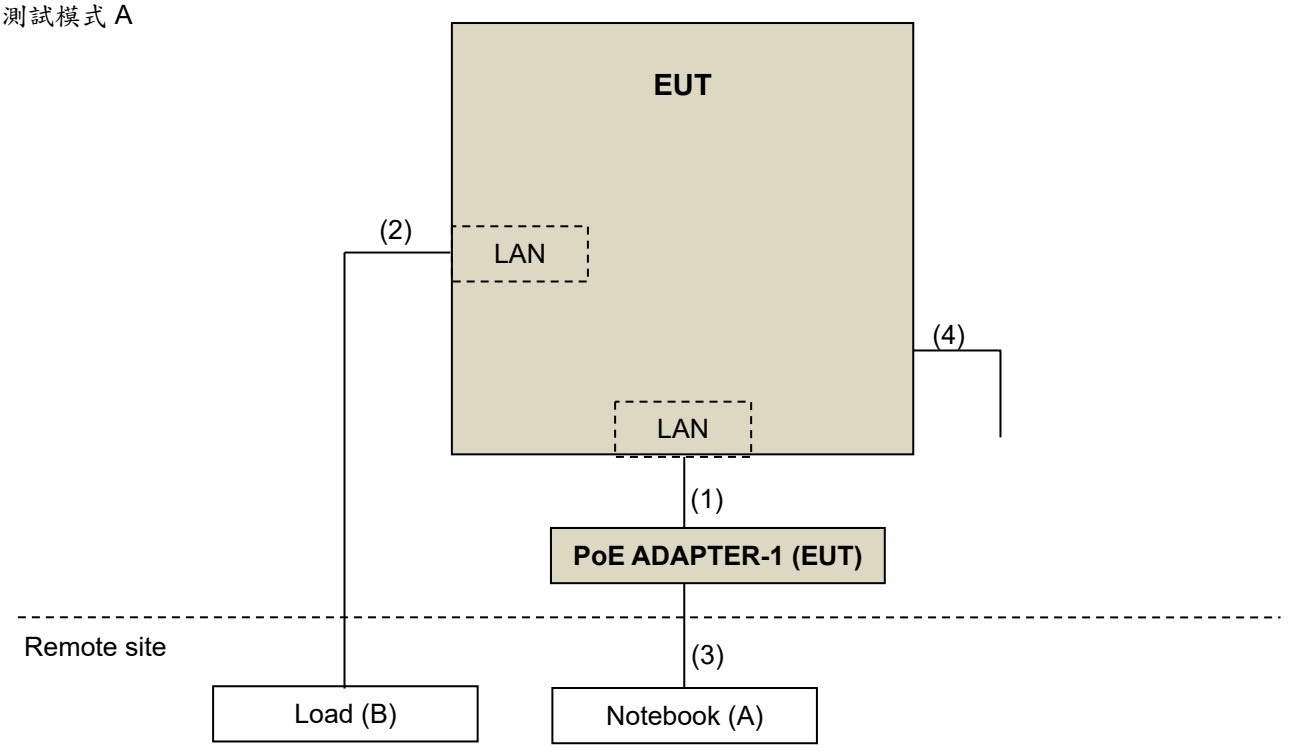
Note:

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.

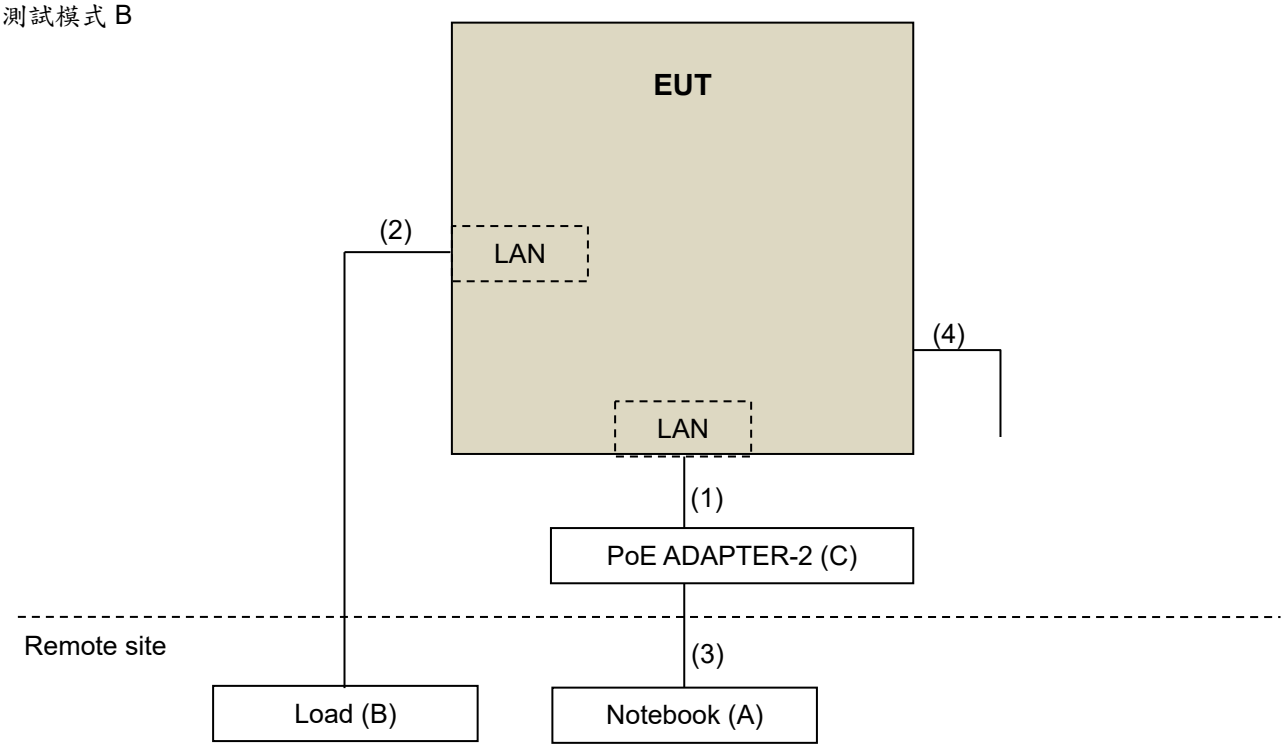
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	LAN	1	1.5	N	0	RJ45, Cat5e, 實驗室提供
2.	LAN	1	1.5	N	0	RJ45, Cat5e, 實驗室提供
3.	LAN	1	7	N	0	RJ45, Cat5e, 實驗室提供
4.	WIRE GEN AWG10 180cm 1GRN LFP	1	1.8	N	0	隨貨配件

2.3 測試架構圖

測試模式 A



測試模式 B



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。

在5.725 GHz～5.850 GHz 頻段操作且天線增益大於10dBi 之設備於106 年3 月2日前得適用4.10.1.5 帶外發射限制；在5.725 GHz～5.850 GHz 頻段操作且天線增益小於等於10dBi之設備於107年3月2 日前得適用4.10.1.5帶外發射限制規定。

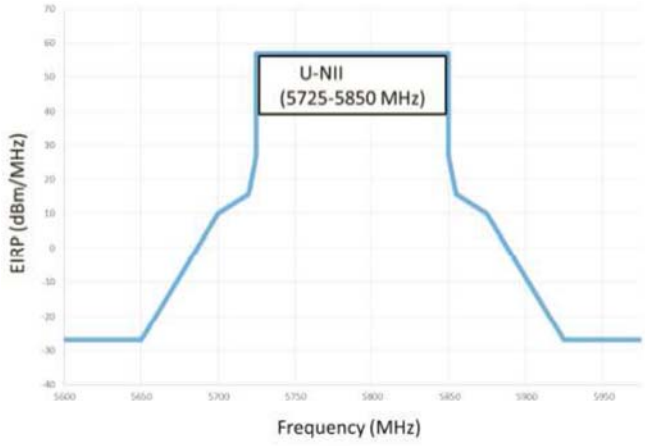


圖 1

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 - 0.490(含)	2,400/f(kHz)	300
0.490 (不含) - 1.705 (含)	24,000/f(kHz)	30
1.705(不含) - 30 (不含)	30	30
30 (含) - 88 (含)	100	3
88 (不含)- 216 (含)	150	3
216 (不含)- 960 (含)	200	3
960 (不含)以上	500	3

(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) 戶外操作使用時,在水平面仰角超過 30 度時，其最大 EIRP 應小於或等於 21 dBm。
(c) 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)以證明其符合電波暴露量之要求。

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

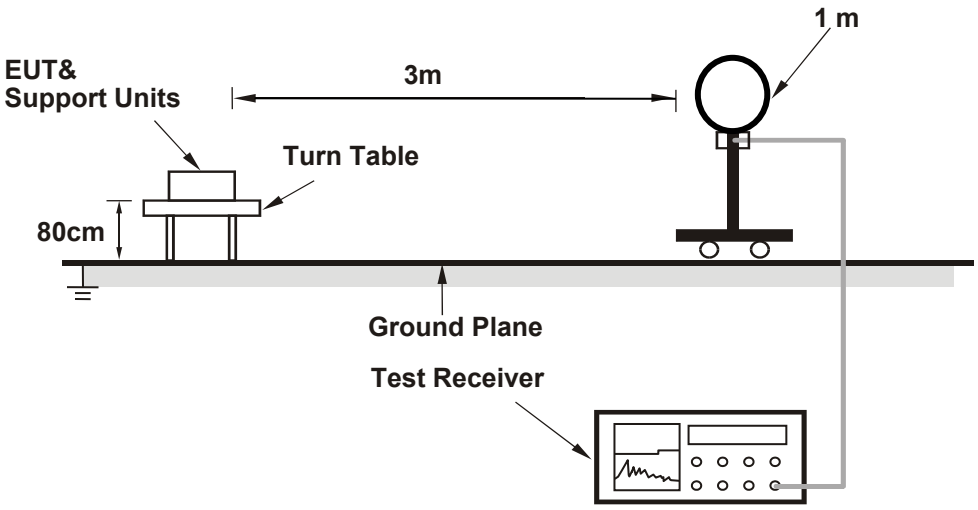
儀器名稱 (廠牌/製造商)	型號	序號	校正日期	下次校正日期
Test Receiver ROHDE & SCHWARZ	ESR3	102579	Jul. 07, 2020	Jul. 06, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100269	Jun. 09, 2020	Jun. 08, 2021
			Jun. 07, 2021	Jun. 06, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Nov. 04, 2020	Nov. 03, 2021
HORN Antenna SCHWARZBECK	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
			Mar. 22, 2021	Mar. 21, 2022
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-S M-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

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.

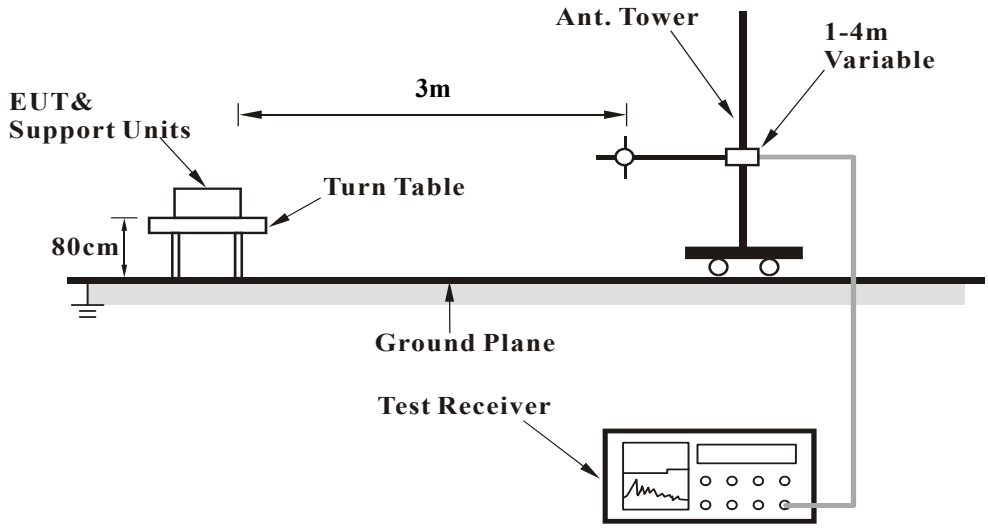
Measurement	Frequency	Uncertainty
Radiated emissions	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.86 dB
	200MHz ~1000MHz	3.87 dB
	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

4.4 測試配置

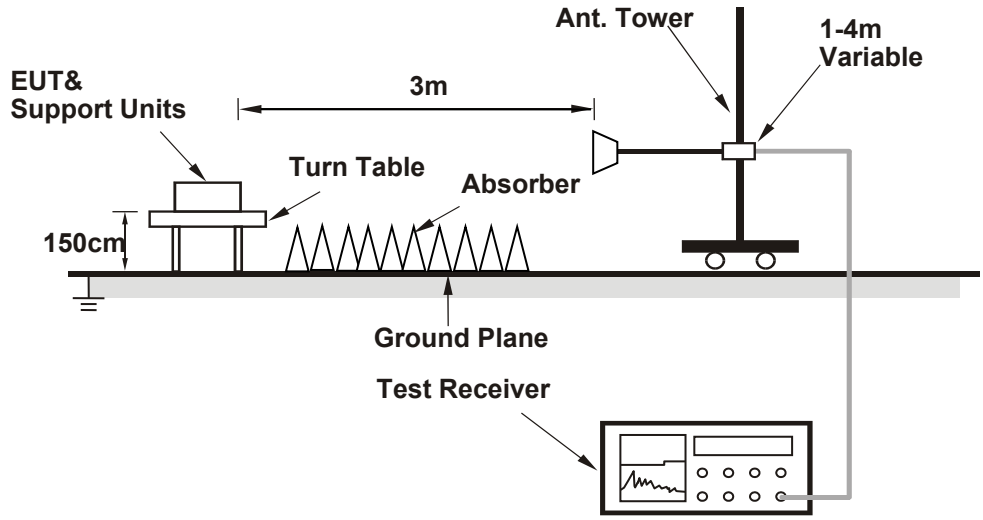
<Frequency Range below 30MHz>



<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:

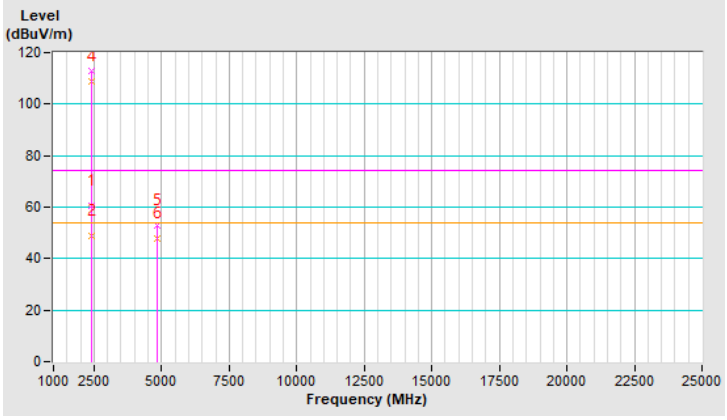
802.11b

操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	3.84 H	102	26.4	34.3
2	2390.00	48.6 AV	54.0	-5.4	3.84 H	102	14.3	34.3
3	*2412.00	113.0 PK			4.00 H	118	78.7	34.3
4	*2412.00	108.7 AV			4.00 H	118	74.4	34.3
5	4824.00	53.1 PK	74.0	-20.9	1.56 H	67	46.9	6.2
6	4824.00	47.8 AV	54.0	-6.2	1.56 H	67	41.6	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

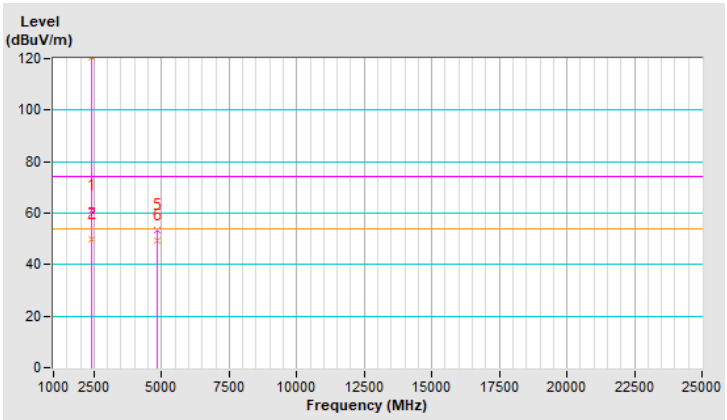


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	61.0 PK	74.0	-13.0	1.99 V	165	26.7	34.3
2	2390.00	49.8 AV	54.0	-4.2	1.99 V	165	15.5	34.3
3	*2412.00	124.7 PK			2.06 V	159	90.4	34.3
4	*2412.00	120.3 AV			2.06 V	159	86.0	34.3
5	4824.00	53.2 PK	74.0	-20.8	1.46 V	34	47.0	6.2
6	4824.00	49.2 AV	54.0	-4.8	1.46 V	34	43.0	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

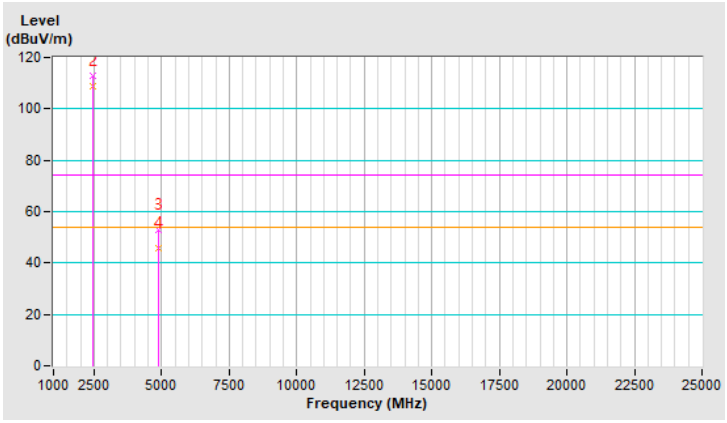


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	113.0 PK			3.92 H	116	78.7	34.3
2	*2437.00	108.9 AV			3.92 H	116	74.6	34.3
3	4874.00	52.7 PK	74.0	-21.3	1.15 H	27	46.6	6.1
4	4874.00	45.6 AV	54.0	-8.4	1.15 H	27	39.5	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

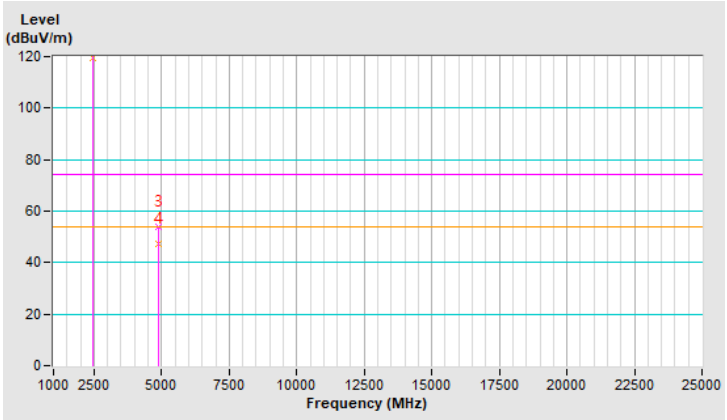


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	123.7 PK			2.33 V	247	89.4	34.3
2	*2437.00	119.3 AV			2.33 V	247	85.0	34.3
3	4874.00	53.8 PK	74.0	-20.2	2.80 V	358	47.7	6.1
4	4874.00	47.4 AV	54.0	-6.6	2.80 V	358	41.3	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

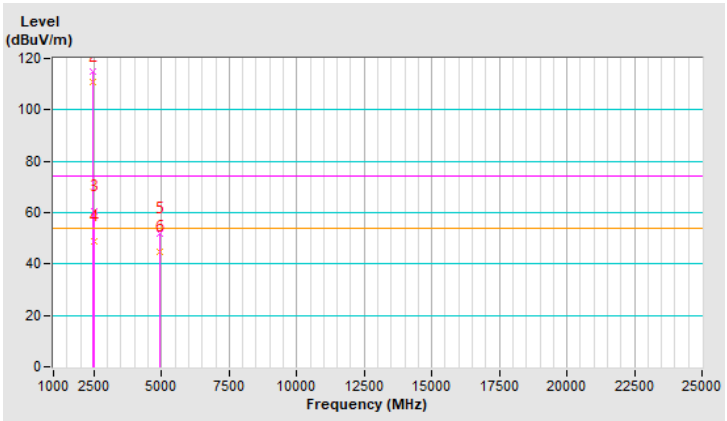


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	115.1 PK			3.84 H	127	80.7	34.4
2	*2462.00	110.8 AV			3.84 H	127	76.4	34.4
3	2483.50	60.6 PK	74.0	-13.4	3.72 H	143	26.2	34.4
4	2483.50	48.8 AV	54.0	-5.2	3.72 H	143	14.4	34.4
5	4924.00	51.9 PK	74.0	-22.1	1.37 H	23	45.8	6.1
6	4924.00	44.5 AV	54.0	-9.5	1.37 H	23	38.4	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

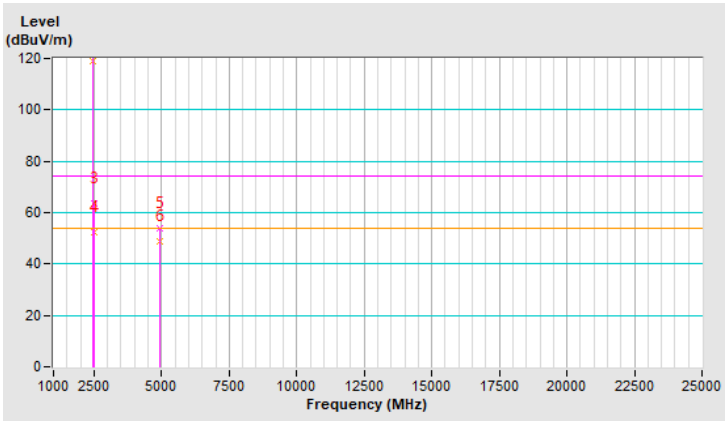


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	123.5 PK			2.38 V	249	89.1	34.4
2	*2462.00	119.0 AV			2.38 V	249	84.6	34.4
3	2483.50	63.6 PK	74.0	-10.4	3.26 V	264	29.2	34.4
4	2483.50	52.5 AV	54.0	-1.5	3.26 V	264	18.1	34.4
5	4924.00	53.7 PK	74.0	-20.3	1.41 V	41	47.6	6.1
6	4924.00	49.0 AV	54.0	-5.0	1.41 V	41	42.9	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



802.11g

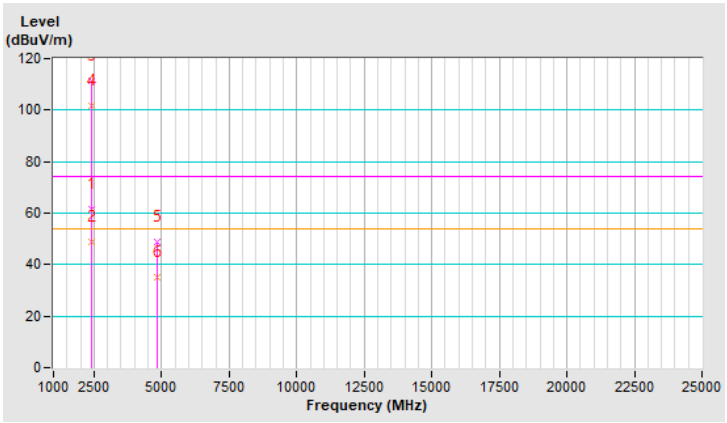
操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	61.3 PK	74.0	-12.7	3.16 H	184	27.0	34.3
2	2390.00	48.8 AV	54.0	-5.2	3.16 H	184	14.5	34.3
3	*2412.00	111.6 PK			3.60 H	128	77.3	34.3
4	*2412.00	101.5 AV			3.60 H	128	67.2	34.3
5	4824.00	48.6 PK	74.0	-25.4	2.55 H	199	42.4	6.2
6	4824.00	34.9 AV	54.0	-19.1	2.55 H	199	28.7	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

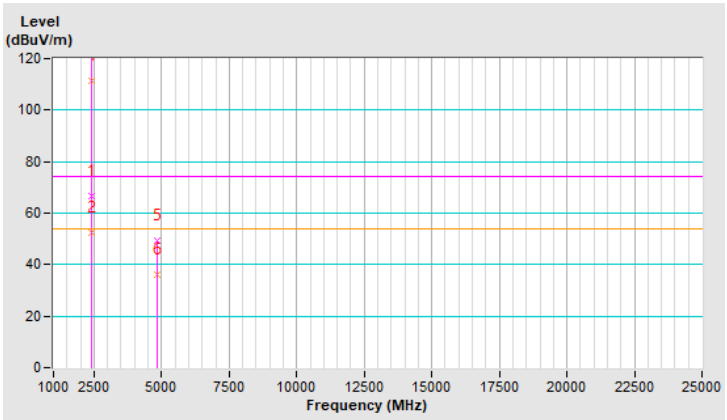


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.4 PK	74.0	-7.6	1.93 V	154	32.1	34.3
2	2390.00	52.3 AV	54.0	-1.7	1.93 V	154	18.0	34.3
3	*2412.00	121.6 PK			2.18 V	165	87.3	34.3
4	*2412.00	111.4 AV			2.18 V	165	77.1	34.3
5	4824.00	49.4 PK	74.0	-24.6	1.45 V	31	43.2	6.2
6	4824.00	36.3 AV	54.0	-17.7	1.45 V	31	30.1	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

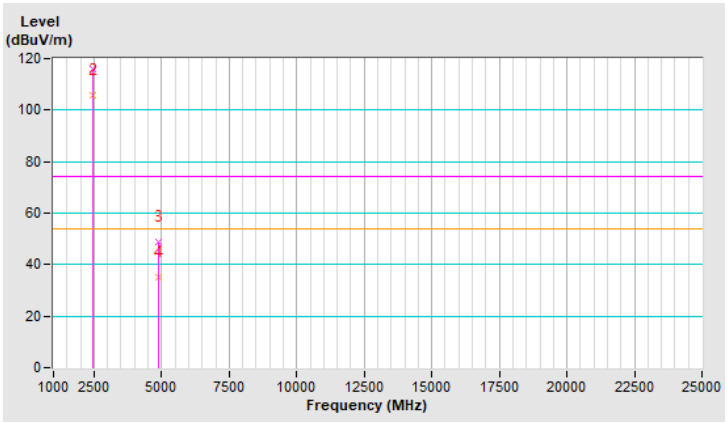


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	115.8 PK			3.57 H	122	81.5	34.3
2	*2437.00	105.8 AV			3.57 H	122	71.5	34.3
3	4874.00	48.7 PK	74.0	-25.3	2.62 H	198	42.6	6.1
4	4874.00	35.1 AV	54.0	-18.9	2.62 H	198	29.0	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

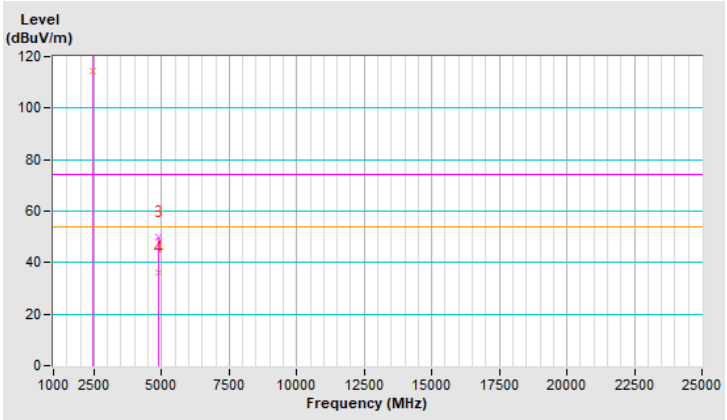


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	124.4 PK			1.58 V	153	90.1	34.3
2	*2437.00	114.4 AV			1.58 V	153	80.1	34.3
3	4874.00	49.6 PK	74.0	-24.4	1.64 V	355	43.5	6.1
4	4874.00	36.3 AV	54.0	-17.7	1.64 V	355	30.2	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

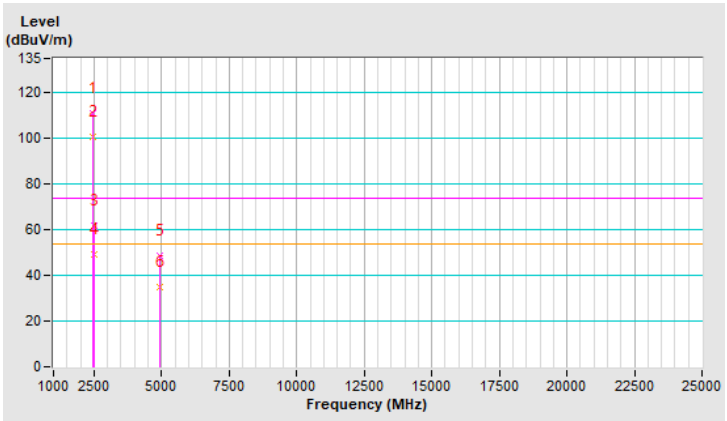


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	110.7 PK			3.89 H	129	76.3	34.4
2	*2462.00	100.6 AV			3.89 H	129	66.2	34.4
3	2483.50	61.6 PK	74.0	-12.4	2.98 H	184	27.2	34.4
4	2483.50	49.3 AV	54.0	-4.7	2.98 H	184	14.9	34.4
5	4924.00	48.4 PK	74.0	-25.6	1.96 H	251	42.3	6.1
6	4924.00	35.0 AV	54.0	-19.0	1.96 H	251	28.9	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

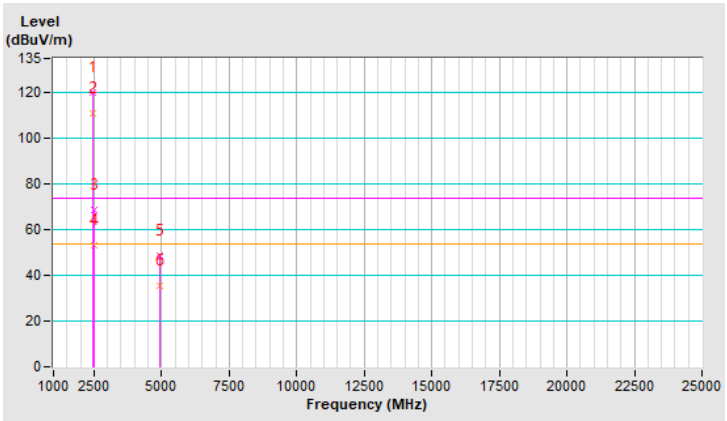


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	120.2 PK			1.66 V	161	85.8	34.4
2	*2462.00	111.0 AV			1.66 V	161	76.6	34.4
3	2483.50	68.5 PK	74.0	-5.5	1.51 V	151	34.1	34.4
4	2483.50	53.3 AV	54.0	-0.7	1.51 V	151	18.9	34.4
5	4924.00	48.6 PK	74.0	-25.4	2.16 V	281	42.5	6.1
6	4924.00	35.2 AV	54.0	-18.8	2.16 V	281	29.1	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



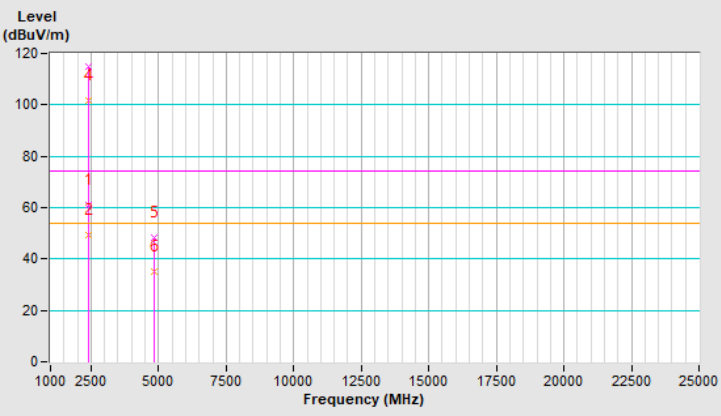
802.11ax (HE20)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	60.9 PK	74.0	-13.1	3.25 H	155	26.6	34.3
2	2390.00	49.1 AV	54.0	-4.9	3.25 H	155	14.8	34.3
3	*2412.00	114.9 PK			3.68 H	123	80.6	34.3
4	*2412.00	101.5 AV			3.68 H	123	67.2	34.3
5	4824.00	48.3 PK	74.0	-25.7	2.96 H	263	42.1	6.2
6	4824.00	35.0 AV	54.0	-19.0	2.96 H	263	28.8	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

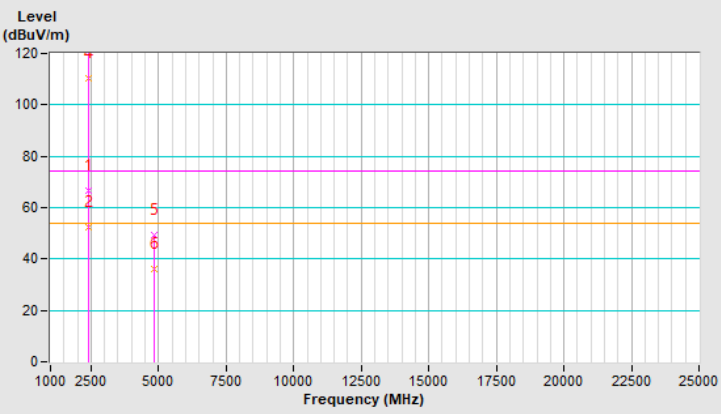


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.5 PK	74.0	-7.5	2.01 V	259	32.2	34.3
2	2390.00	52.3 AV	54.0	-1.7	2.01 V	259	18.0	34.3
3	*2412.00	123.8 PK			2.00 V	262	89.5	34.3
4	*2412.00	110.2 AV			2.00 V	262	75.9	34.3
5	4824.00	49.5 PK	74.0	-24.5	1.69 V	312	43.3	6.2
6	4824.00	36.2 AV	54.0	-17.8	1.69 V	312	30.0	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

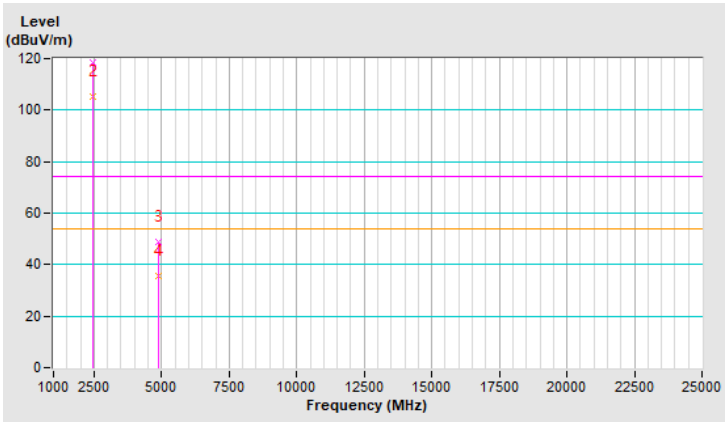


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	118.3 PK			3.97 H	125	84.0	34.3
2	*2437.00	105.3 AV			3.97 H	125	71.0	34.3
3	4874.00	48.6 PK	74.0	-25.4	2.18 H	329	42.5	6.1
4	4874.00	35.8 AV	54.0	-18.2	2.18 H	329	29.7	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

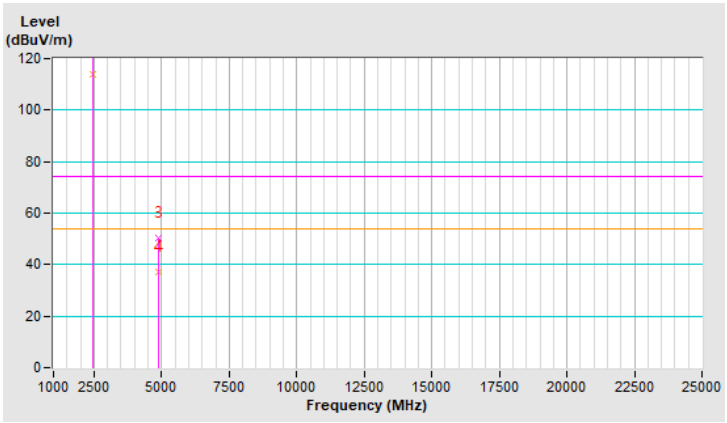


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	126.5 PK			1.54 V	158	92.2	34.3
2	*2437.00	114.0 AV			1.54 V	158	79.7	34.3
3	4874.00	50.4 PK	74.0	-23.6	1.54 V	313	44.3	6.1
4	4874.00	37.3 AV	54.0	-16.7	1.54 V	313	31.2	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

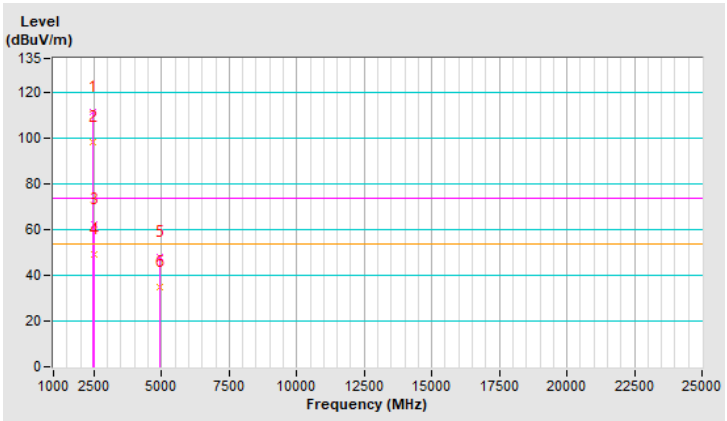


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	111.5 PK			3.86 H	128	77.1	34.4
2	*2462.00	98.2 AV			3.86 H	128	63.8	34.4
3	2483.50	62.3 PK	74.0	-11.7	3.19 H	184	27.9	34.4
4	2483.50	49.2 AV	54.0	-4.8	3.19 H	184	14.8	34.4
5	4924.00	48.2 PK	74.0	-25.8	2.05 H	221	42.1	6.1
6	4924.00	35.0 AV	54.0	-19.0	2.05 H	221	28.9	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

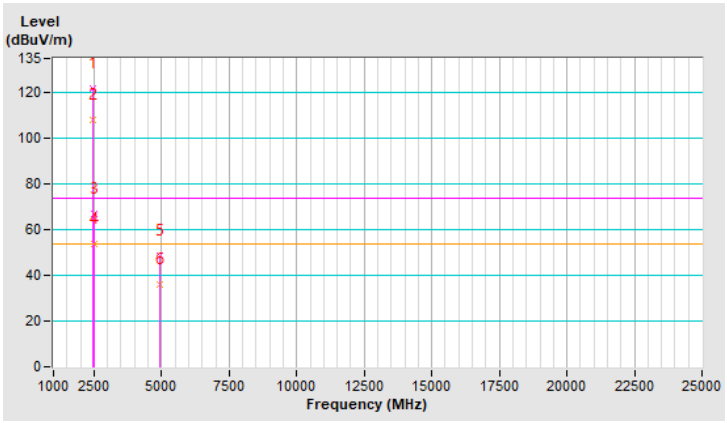


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	121.6 PK			2.28 V	357	87.2	34.4
2	*2462.00	108.0 AV			2.28 V	357	73.6	34.4
3	2483.50	66.8 PK	74.0	-7.2	2.45 V	172	32.4	34.4
4	2483.50	53.5 AV	54.0	-0.5	2.45 V	172	19.1	34.4
5	4924.00	48.9 PK	74.0	-25.1	2.05 V	323	42.8	6.1
6	4924.00	36.3 AV	54.0	-17.7	2.05 V	323	30.2	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



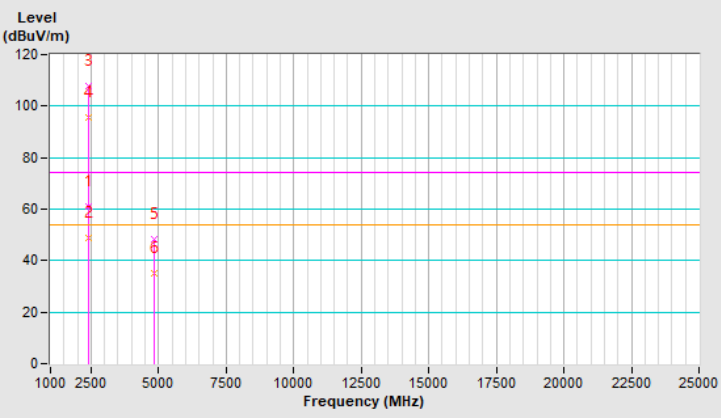
802.11ax (HE40)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 3：2422 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	61.1 PK	74.0	-12.9	3.43 H	155	26.8	34.3
2	2390.00	49.0 AV	54.0	-5.0	3.43 H	155	14.7	34.3
3	*2422.00	108.0 PK			3.60 H	129	73.7	34.3
4	*2422.00	95.6 AV			3.60 H	129	61.3	34.3
5	4844.00	48.4 PK	74.0	-25.6	1.96 H	77	42.3	6.1
6	4844.00	35.2 AV	54.0	-18.8	1.96 H	77	29.1	6.1
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

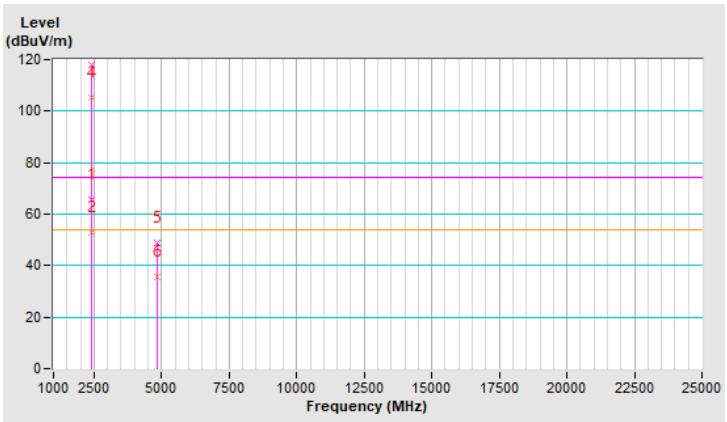


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 3：2422 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.6 PK	74.0	-8.4	2.29 V	230	31.3	34.3
2	2390.00	53.0 AV	54.0	-1.0	2.29 V	230	18.7	34.3
3	*2422.00	118.2 PK			2.40 V	267	83.9	34.3
4	*2422.00	105.3 AV			2.40 V	267	71.0	34.3
5	4844.00	48.6 PK	74.0	-25.4	1.89 V	124	42.5	6.1
6	4844.00	35.5 AV	54.0	-18.5	1.89 V	124	29.4	6.1
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

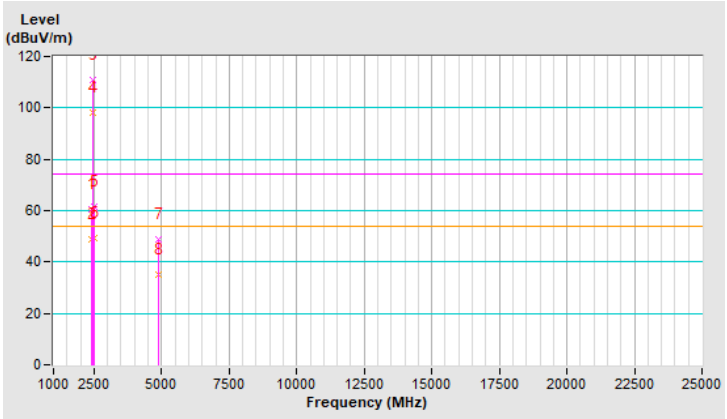


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	3.26 H	184	26.3	34.3
2	2390.00	48.7 AV	54.0	-5.3	3.26 H	184	14.4	34.3
3	*2437.00	110.6 PK			3.94 H	129	76.3	34.3
4	*2437.00	98.2 AV			3.94 H	129	63.9	34.3
5	2483.50	61.3 PK	74.0	-12.7	3.84 H	199	26.9	34.4
6	2483.50	49.2 AV	54.0	-4.8	3.84 H	199	14.8	34.4
7	4874.00	48.6 PK	74.0	-25.4	1.99 H	264	42.5	6.1
8	4874.00	34.9 AV	54.0	-19.1	1.99 H	264	28.8	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

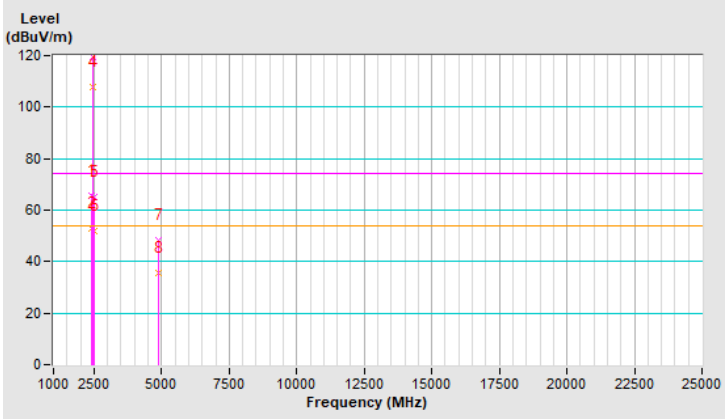


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.8 PK	74.0	-8.2	1.87 V	159	31.5	34.3
2	2390.00	52.8 AV	54.0	-1.2	1.87 V	159	18.5	34.3
3	*2437.00	119.7 PK			1.93 V	162	85.4	34.3
4	*2437.00	107.7 AV			1.93 V	162	73.4	34.3
5	2483.50	65.3 PK	74.0	-8.7	1.60 V	61	30.9	34.4
6	2483.50	52.0 AV	54.0	-2.0	1.60 V	61	17.6	34.4
7	4874.00	48.4 PK	74.0	-25.6	2.43 V	352	42.3	6.1
8	4874.00	35.7 AV	54.0	-18.3	2.43 V	352	29.6	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

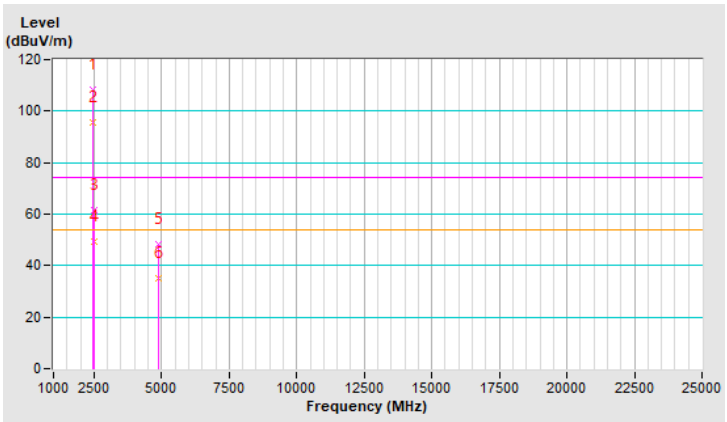


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	108.3 PK			3.53 H	126	74.0	34.3
2	*2452.00	95.5 AV			3.53 H	126	61.2	34.3
3	2483.50	61.7 PK	74.0	-12.3	3.22 H	165	27.3	34.4
4	2483.50	49.1 AV	54.0	-4.9	3.22 H	165	14.7	34.4
5	4904.00	48.4 PK	74.0	-25.6	1.96 H	254	42.3	6.1
6	4904.00	34.9 AV	54.0	-19.1	1.96 H	254	28.8	6.1
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

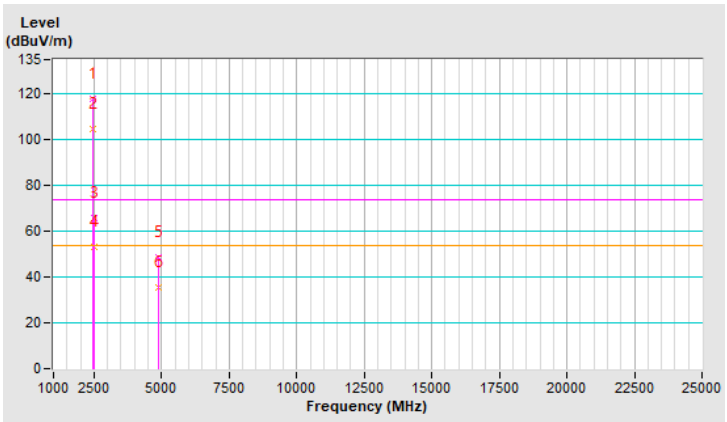


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA-MIMO
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	68%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	張佑任

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	117.8 PK			2.21 V	209	83.5	34.3
2	*2452.00	104.6 AV			2.21 V	209	70.3	34.3
3	2483.50	65.6 PK	74.0	-8.4	1.17 V	256	31.2	34.4
4	2483.50	53.2 AV	54.0	-0.8	1.17 V	256	18.8	34.4
5	4904.00	48.6 PK	74.0	-25.4	1.88 V	296	42.5	6.1
6	4904.00	35.2 AV	54.0	-18.8	1.88 V	296	29.1	6.1
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



Scanning radio:

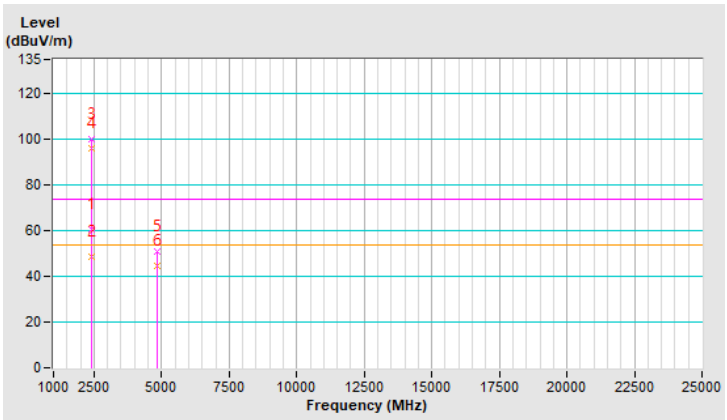
802.11b

操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	60.9 PK	74.0	-13.1	3.55 H	132	26.5	34.4
2	2390.00	48.6 AV	54.0	-5.4	3.55 H	132	14.2	34.4
3	*2412.00	100.2 PK			3.60 H	129	65.9	34.3
4	*2412.00	96.3 AV			3.60 H	129	62.0	34.3
5	4824.00	50.9 PK	74.0	-23.1	1.99 H	13	44.7	6.2
6	4824.00	44.4 AV	54.0	-9.6	1.99 H	13	38.2	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

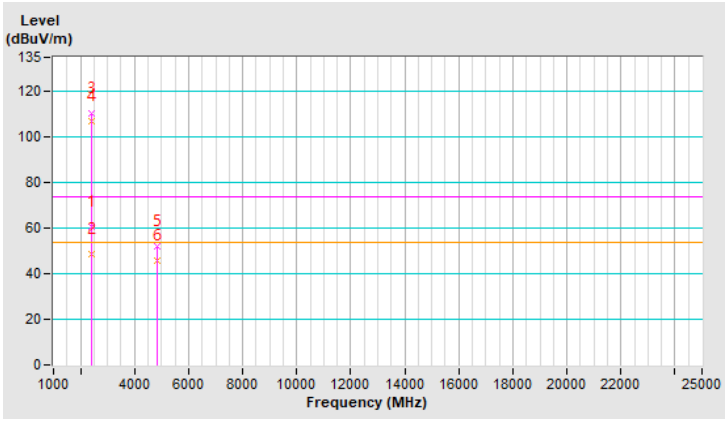


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.22 V	78	26.2	34.4
2	2390.00	48.7 AV	54.0	-5.3	1.22 V	78	14.3	34.4
3	*2412.00	110.6 PK			1.18 V	76	76.3	34.3
4	*2412.00	106.9 AV			1.18 V	76	72.6	34.3
5	4824.00	52.2 PK	74.0	-21.8	1.52 V	19	46.0	6.2
6	4824.00	45.8 AV	54.0	-8.2	1.52 V	19	39.6	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

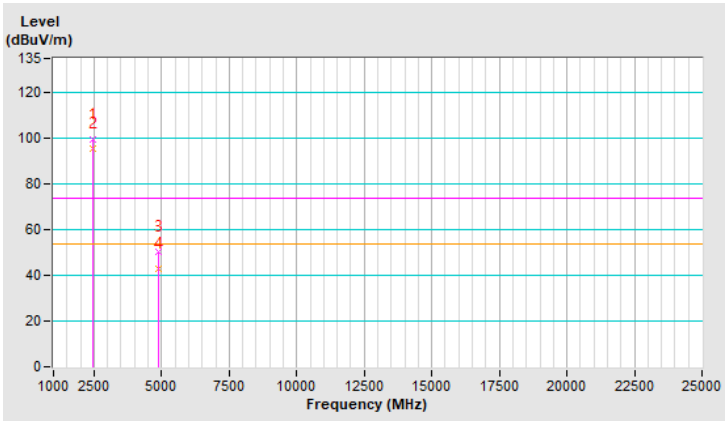


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	99.3 PK			4.00 H	120	65.0	34.3
2	*2437.00	95.7 AV			4.00 H	120	61.4	34.3
3	4874.00	50.3 PK	74.0	-23.7	1.52 H	54	44.2	6.1
4	4874.00	42.9 AV	54.0	-11.1	1.52 H	54	36.8	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

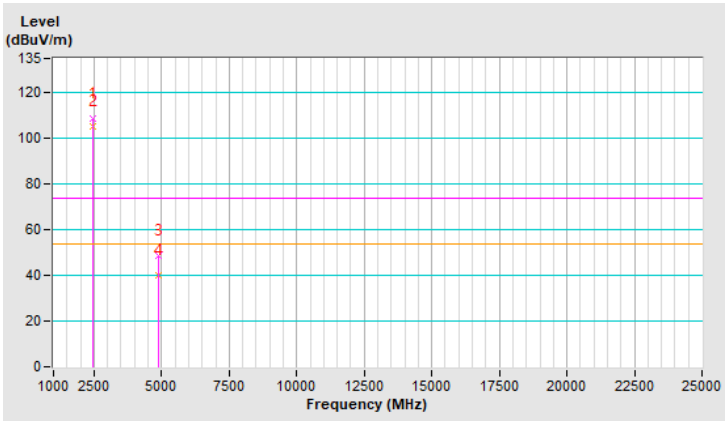


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	108.7 PK			1.03 V	85	74.4	34.3
2	*2437.00	105.2 AV			1.03 V	85	70.9	34.3
3	4874.00	48.9 PK	74.0	-25.1	1.53 V	320	42.8	6.1
4	4874.00	40.0 AV	54.0	-14.0	1.53 V	320	33.9	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

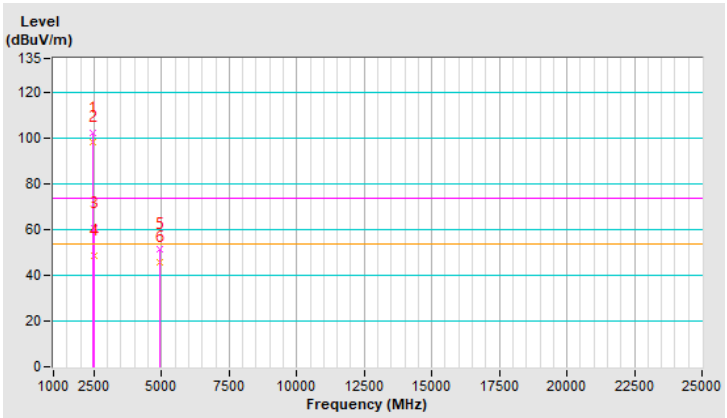


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	102.2 PK			3.93 H	120	67.8	34.4
2	*2462.00	98.6 AV			3.93 H	120	64.2	34.4
3	2483.50	60.9 PK	74.0	-13.1	3.90 H	122	26.5	34.4
4	2483.50	48.9 AV	54.0	-5.1	3.90 H	122	14.5	34.4
5	4924.00	51.6 PK	74.0	-22.4	1.69 H	54	45.5	6.1
6	4924.00	45.7 AV	54.0	-8.3	1.69 H	54	39.6	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

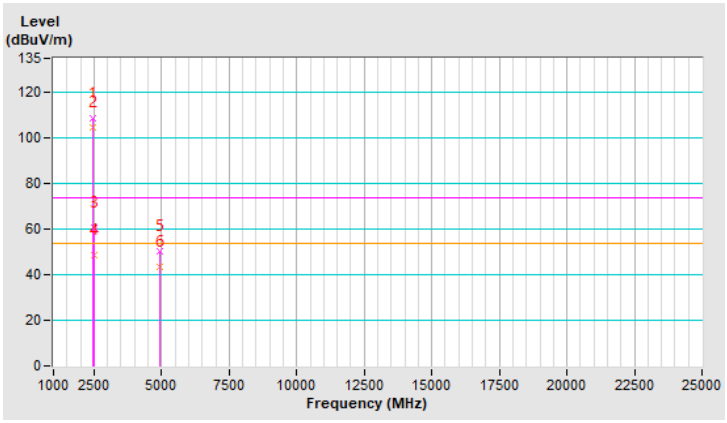


操 作 模 式 ：	發射	調 變 技 術 ：	DSSS
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	108.6 PK			1.26 V	74	74.2	34.4
2	*2462.00	104.9 AV			1.26 V	74	70.5	34.4
3	2483.50	60.7 PK	74.0	-13.3	1.31 V	80	26.3	34.4
4	2483.50	48.9 AV	54.0	-5.1	1.31 V	80	14.5	34.4
5	4924.00	50.6 PK	74.0	-23.4	1.52 V	336	44.5	6.1
6	4924.00	43.3 AV	54.0	-10.7	1.52 V	336	37.2	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



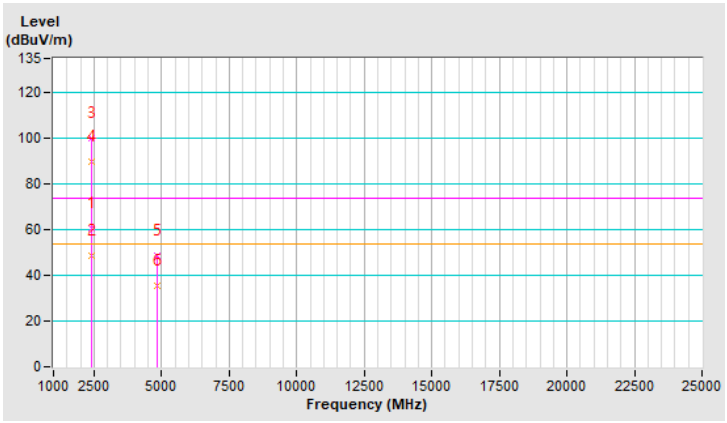
802.11g

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(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 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	60.9 PK	74.0	-13.1	3.95 H	135	26.5	34.4
2	2390.00	48.7 AV	54.0	-5.3	3.95 H	135	14.3	34.4
3	*2412.00	99.9 PK			3.98 H	132	65.6	34.3
4	*2412.00	89.7 AV			3.98 H	132	55.4	34.3
5	4824.00	48.5 PK	74.0	-25.5	1.89 H	318	42.3	6.2
6	4824.00	35.5 AV	54.0	-18.5	1.89 H	318	29.3	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

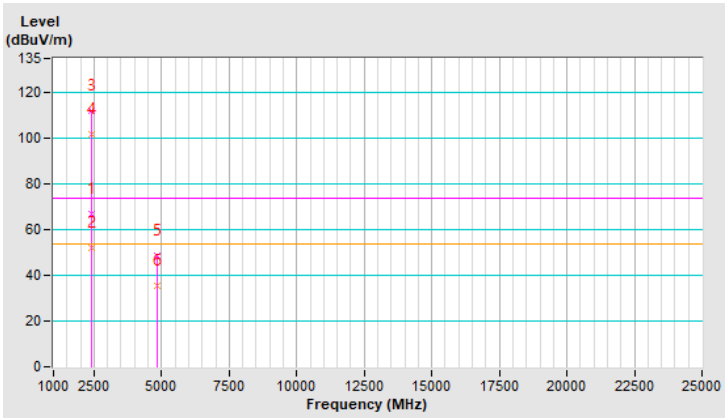


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.8 PK	74.0	-7.2	1.10 V	78	32.4	34.4
2	2390.00	51.9 AV	54.0	-2.1	1.10 V	78	17.5	34.4
3	*2412.00	111.9 PK			1.12 V	80	77.6	34.3
4	*2412.00	102.0 AV			1.12 V	80	67.7	34.3
5	4824.00	48.5 PK	74.0	-25.5	1.55 V	22	42.3	6.2
6	4824.00	35.7 AV	54.0	-18.3	1.55 V	22	29.5	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

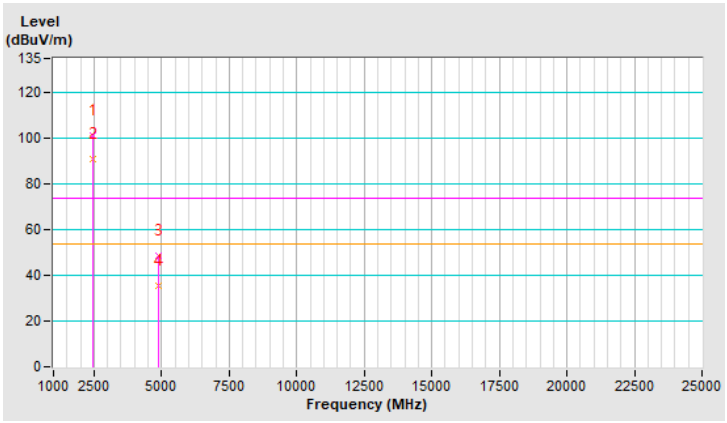


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	101.5 PK			4.00 H	126	67.2	34.3
2	*2437.00	91.2 AV			4.00 H	126	56.9	34.3
3	4874.00	48.4 PK	74.0	-25.6	1.88 H	318	42.3	6.1
4	4874.00	35.3 AV	54.0	-18.7	1.88 H	318	29.2	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

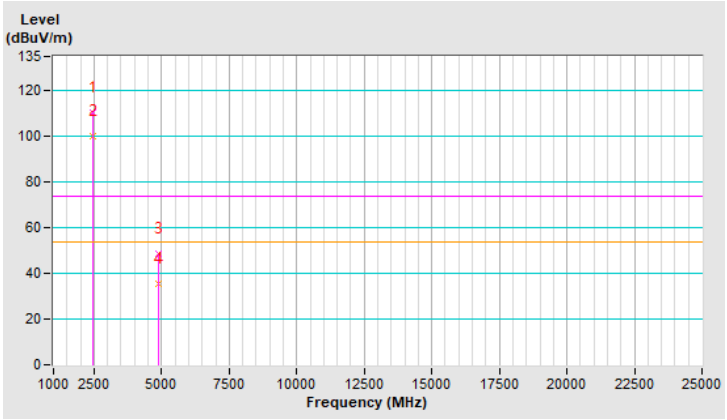


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.3 PK			1.07 V	74	76.0	34.3
2	*2437.00	100.3 AV			1.07 V	74	66.0	34.3
3	4874.00	48.4 PK	74.0	-25.6	1.59 V	31	42.3	6.1
4	4874.00	35.4 AV	54.0	-18.6	1.59 V	31	29.3	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

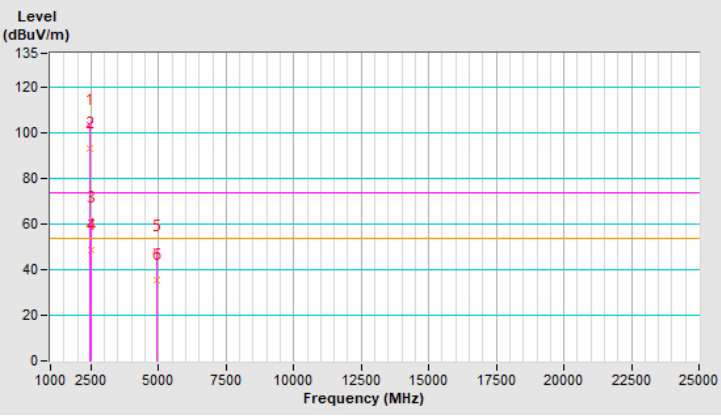


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	103.7 PK			3.95 H	120	69.3	34.4
2	*2462.00	93.0 AV			3.95 H	120	58.6	34.4
3	2483.50	60.9 PK	74.0	-13.1	3.92 H	125	26.5	34.4
4	2483.50	48.9 AV	54.0	-5.1	3.92 H	125	14.5	34.4
5	4924.00	48.3 PK	74.0	-25.7	1.75 H	318	42.2	6.1
6	4924.00	35.4 AV	54.0	-18.6	1.75 H	318	29.3	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

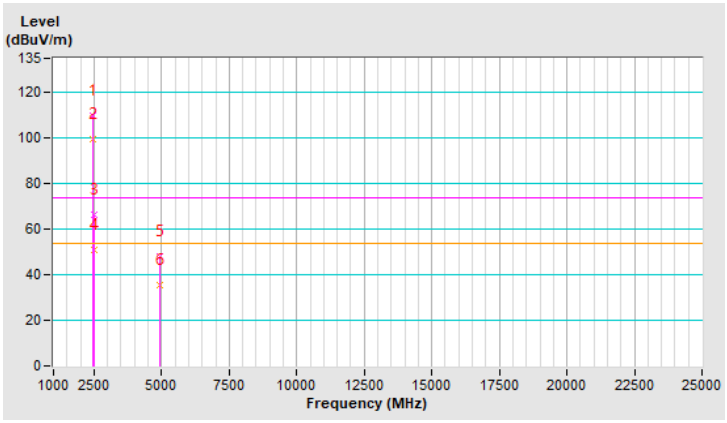


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.1 PK			1.21 V	67	75.7	34.4
2	*2462.00	99.6 AV			1.21 V	67	65.2	34.4
3	2483.50	66.4 PK	74.0	-7.6	1.13 V	64	32.0	34.4
4	2483.50	51.0 AV	54.0	-3.0	1.13 V	64	16.6	34.4
5	4924.00	48.2 PK	74.0	-25.8	1.63 V	19	42.1	6.1
6	4924.00	35.3 AV	54.0	-18.7	1.63 V	19	29.2	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



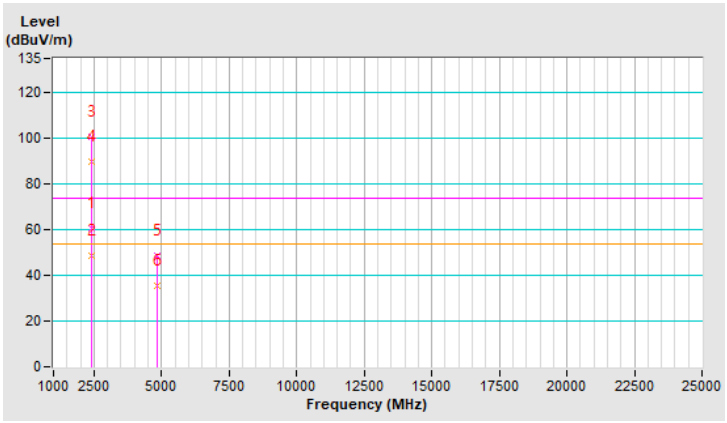
802.11n (HT20)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(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 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	60.9 PK	74.0	-13.1	3.92 H	137	26.5	34.4
2	2390.00	48.7 AV	54.0	-5.3	3.92 H	137	14.3	34.4
3	*2412.00	100.4 PK			3.94 H	135	66.1	34.3
4	*2412.00	89.9 AV			3.94 H	135	55.6	34.3
5	4824.00	48.7 PK	74.0	-25.3	1.72 H	315	42.5	6.2
6	4824.00	35.7 AV	54.0	-18.3	1.72 H	315	29.5	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

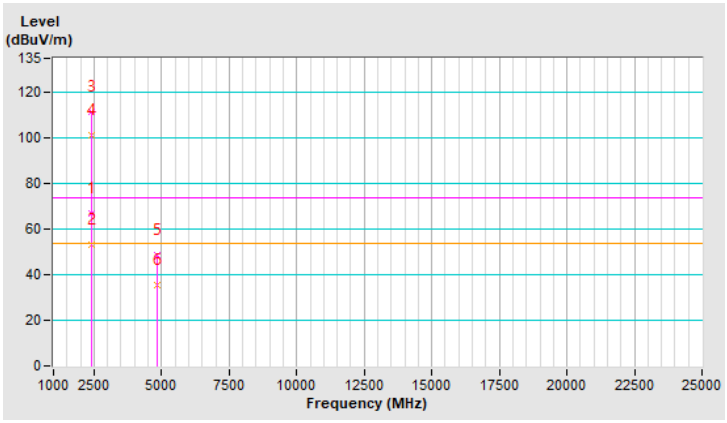


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 1：2412 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	67.0 PK	74.0	-7.0	1.19 V	77	32.6	34.4
2	2390.00	53.0 AV	54.0	-1.0	1.19 V	77	18.6	34.4
3	*2412.00	111.5 PK			1.14 V	84	77.2	34.3
4	*2412.00	101.4 AV			1.14 V	84	67.1	34.3
5	4824.00	48.4 PK	74.0	-25.6	1.55 V	22	42.2	6.2
6	4824.00	35.4 AV	54.0	-18.6	1.55 V	22	29.2	6.2
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

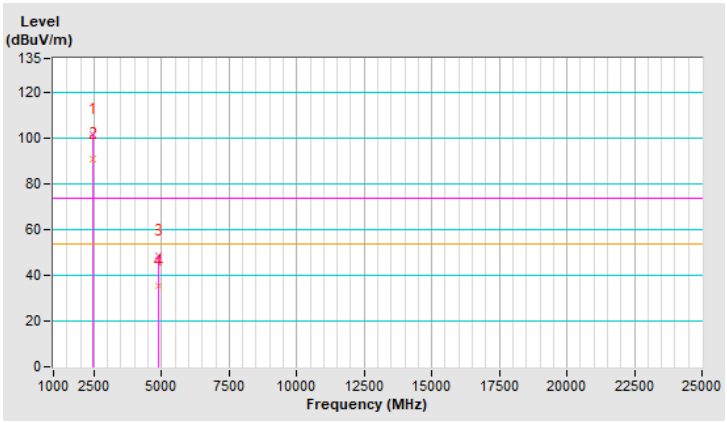


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	101.7 PK			4.00 H	128	67.4	34.3
2	*2437.00	91.2 AV			4.00 H	128	56.9	34.3
3	4874.00	48.5 PK	74.0	-25.5	1.85 H	305	42.4	6.1
4	4874.00	35.6 AV	54.0	-18.4	1.85 H	305	29.5	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

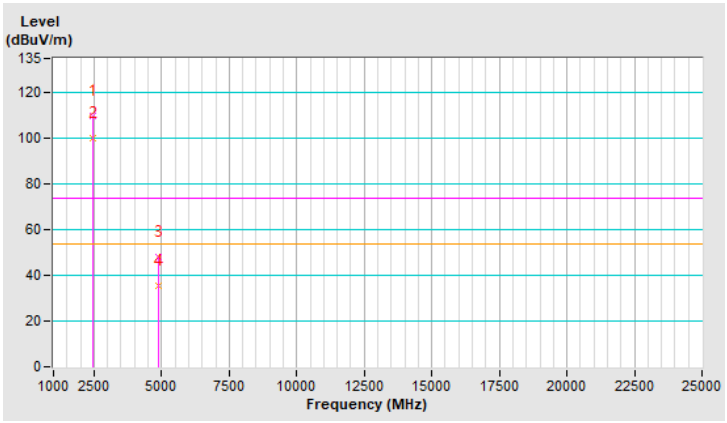


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.1 PK			1.09 V	80	75.8	34.3
2	*2437.00	99.9 AV			1.09 V	80	65.6	34.3
3	4874.00	48.3 PK	74.0	-25.7	1.61 V	33	42.2	6.1
4	4874.00	35.3 AV	54.0	-18.7	1.61 V	33	29.2	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

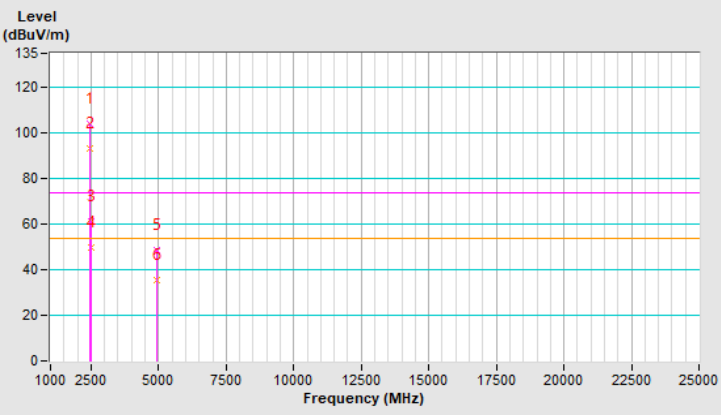


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	104.0 PK			3.92 H	121	69.6	34.4
2	*2462.00	93.1 AV			3.92 H	121	58.7	34.4
3	2483.50	61.2 PK	74.0	-12.8	3.95 H	125	26.8	34.4
4	2483.50	49.6 AV	54.0	-4.4	3.95 H	125	15.2	34.4
5	4924.00	48.6 PK	74.0	-25.4	1.92 H	315	42.5	6.1
6	4924.00	35.6 AV	54.0	-18.4	1.92 H	315	29.5	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

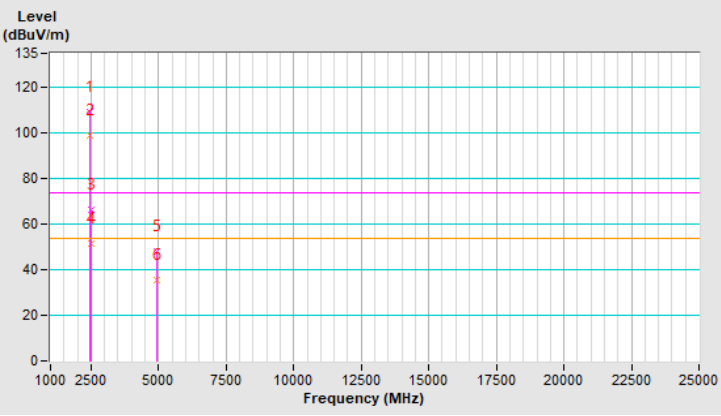


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	109.5 PK			1.08 V	76	75.1	34.4
2	*2462.00	99.1 AV			1.08 V	76	64.7	34.4
3	2483.50	66.3 PK	74.0	-7.7	1.37 V	68	31.9	34.4
4	2483.50	51.6 AV	54.0	-2.4	1.37 V	68	17.2	34.4
5	4924.00	48.2 PK	74.0	-25.8	1.52 V	25	42.1	6.1
6	4924.00	35.3 AV	54.0	-18.7	1.52 V	25	29.2	6.1
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



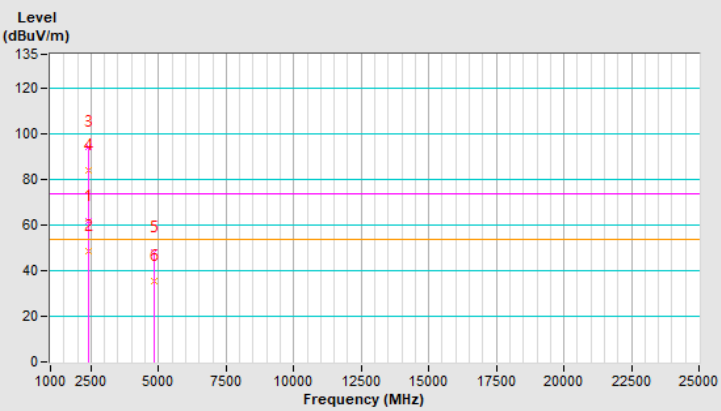
802.11n (HT40)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 3：2422 MHz	測 試 儀 器 ：	(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 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	61.5 PK	74.0	-12.5	3.92 H	131	27.1	34.4
2	2390.00	48.9 AV	54.0	-5.1	3.92 H	131	14.5	34.4
3	*2422.00	94.3 PK			4.00 H	129	60.0	34.3
4	*2422.00	84.1 AV			4.00 H	129	49.8	34.3
5	4844.00	48.3 PK	74.0	-25.7	1.85 H	315	42.2	6.1
6	4844.00	35.3 AV	54.0	-18.7	1.85 H	315	29.2	6.1
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

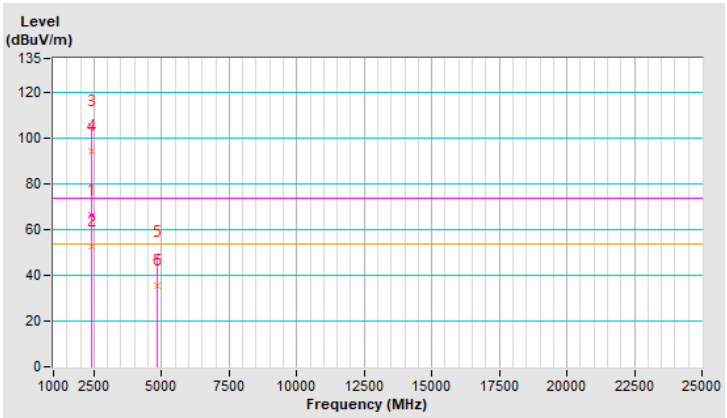


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 3：2422 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.2 PK	74.0	-7.8	1.06 V	80	31.8	34.4
2	2390.00	52.9 AV	54.0	-1.1	1.06 V	80	18.5	34.4
3	*2422.00	105.5 PK			1.11 V	92	71.2	34.3
4	*2422.00	94.4 AV			1.11 V	92	60.1	34.3
5	4844.00	48.3 PK	74.0	-25.7	1.62 V	19	42.2	6.1
6	4844.00	35.4 AV	54.0	-18.6	1.62 V	19	29.3	6.1
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

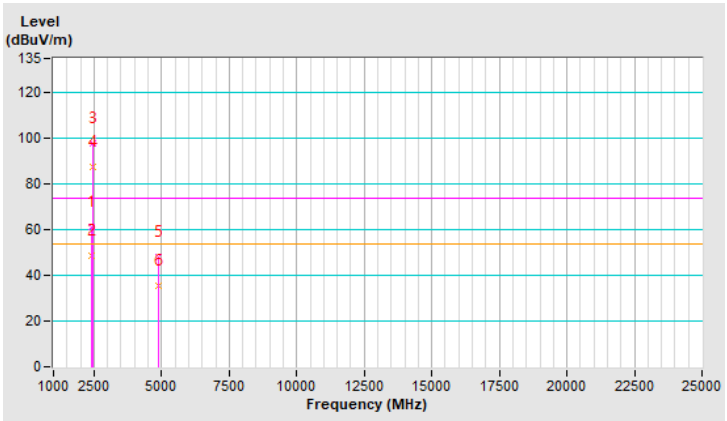


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	61.2 PK	74.0	-12.8	3.91 H	128	26.8	34.4
2	2390.00	48.6 AV	54.0	-5.4	3.91 H	128	14.2	34.4
3	*2437.00	97.7 PK			3.94 H	125	63.4	34.3
4	*2437.00	87.5 AV			3.94 H	125	53.2	34.3
5	4874.00	48.3 PK	74.0	-25.7	1.72 H	315	42.2	6.1
6	4874.00	35.3 AV	54.0	-18.7	1.72 H	315	29.2	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

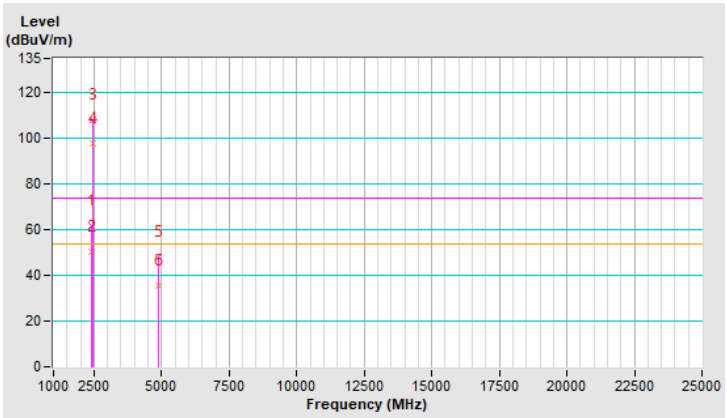


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 6：2437 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	61.9 PK	74.0	-12.1	1.18 V	80	27.5	34.4
2	2390.00	50.2 AV	54.0	-3.8	1.18 V	80	15.8	34.4
3	*2437.00	108.2 PK			1.15 V	77	73.9	34.3
4	*2437.00	97.6 AV			1.15 V	77	63.3	34.3
5	4874.00	48.3 PK	74.0	-25.7	1.66 V	32	42.2	6.1
6	4874.00	35.4 AV	54.0	-18.6	1.66 V	32	29.3	6.1
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

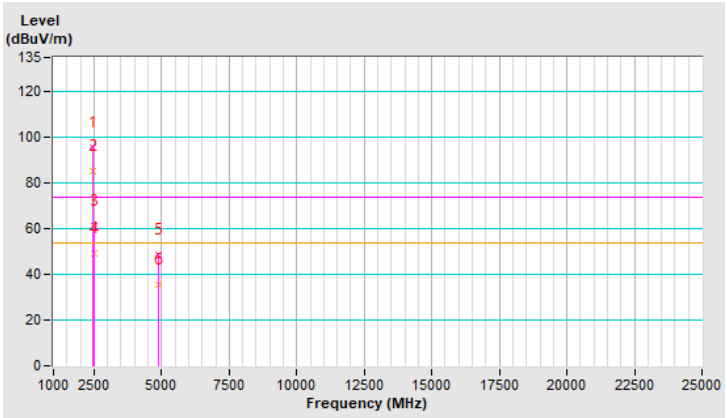


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	95.5 PK			3.93 H	123	61.2	34.3
2	*2452.00	85.4 AV			3.93 H	123	51.1	34.3
3	2483.50	61.0 PK	74.0	-13.0	3.90 H	125	26.6	34.4
4	2483.50	49.2 AV	54.0	-4.8	3.90 H	125	14.8	34.4
5	4904.00	48.4 PK	74.0	-25.6	1.82 H	311	42.3	6.1
6	4904.00	35.4 AV	54.0	-18.6	1.82 H	311	29.3	6.1
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

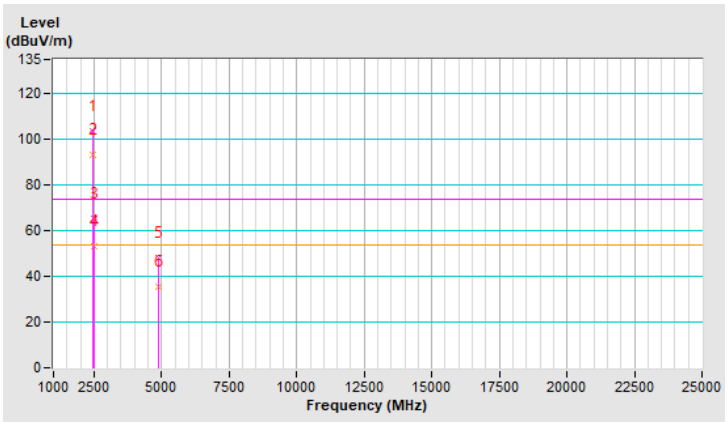


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	103.4 PK			1.02 V	87	69.1	34.3
2	*2452.00	93.0 AV			1.02 V	87	58.7	34.3
3	2483.50	65.0 PK	74.0	-9.0	1.09 V	61	30.6	34.4
4	2483.50	53.0 AV	54.0	-1.0	1.09 V	61	18.6	34.4
5	4904.00	48.3 PK	74.0	-25.7	1.59 V	25	42.2	6.1
6	4904.00	35.3 AV	54.0	-18.7	1.59 V	25	29.2	6.1
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " - ": The emission levels were too low to be detected.
7. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



4.6.2 接收諧波

2G traffic radio:

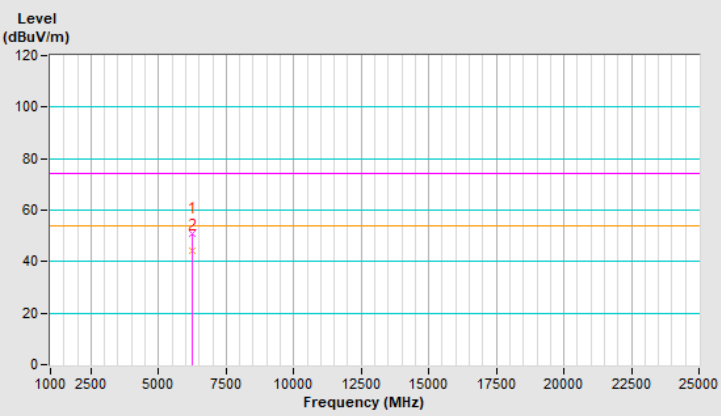
802.11ax (HE20)

操 作 模 式 ：	接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(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 11 月 18 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	6250.00	50.7 PK	74.0	-23.3	1.55 H	290	43.3	7.4
2	6250.00	44.3 AV	54.0	-9.7	1.55 H	290	36.9	7.4

Remarks:

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

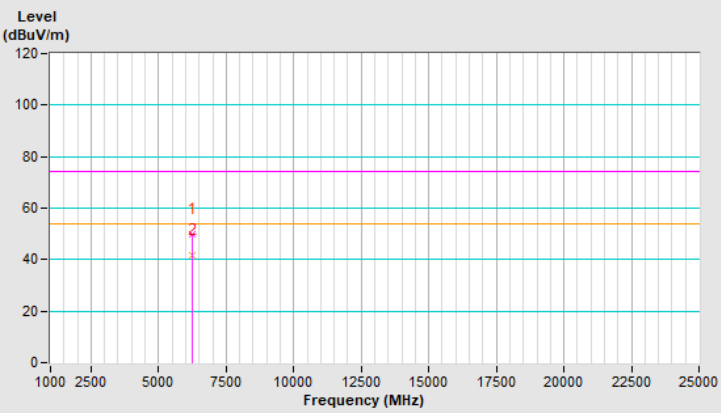


操 作 模 式 ：	接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 18 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	6250.00	49.8 PK	74.0	-24.2	2.89 V	11	42.4	7.4
2	6250.00	41.8 AV	54.0	-12.2	2.89 V	11	34.4	7.4

Remarks:

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



Scanning radio:

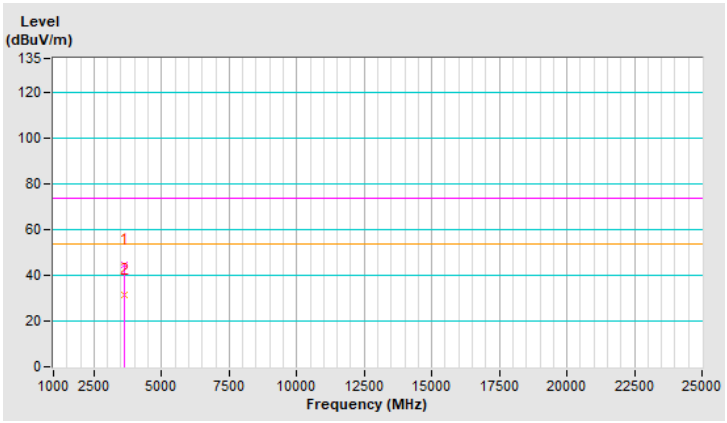
802.11n (HT40)

操 作 模 式 ：	接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(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 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3618.00	44.7 PK	74.0	-29.3	3.02 H	211	42.3	2.4
2	3618.00	31.7 AV	54.0	-22.3	3.02 H	211	29.3	2.4

Remarks:

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

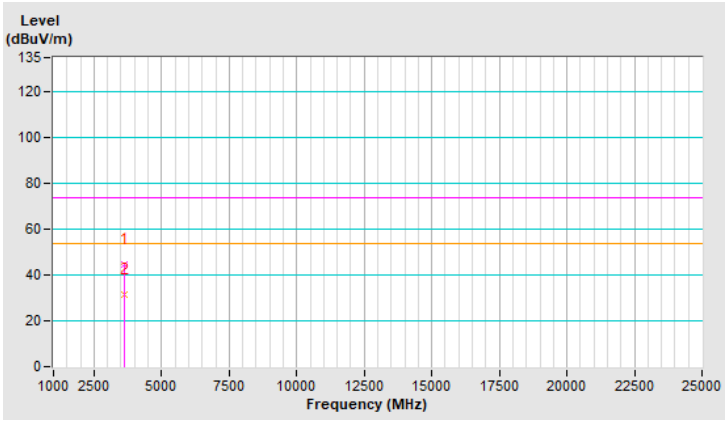


操 作 模 式 ：	接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 08 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3618.00	44.5 PK	74.0	-29.5	3.22 V	155	42.1	2.4
2	3618.00	31.5 AV	54.0	-22.5	3.22 V	155	29.1	2.4

Remarks:

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



4.6.3 其它不必要之訊號

2G traffic radio:

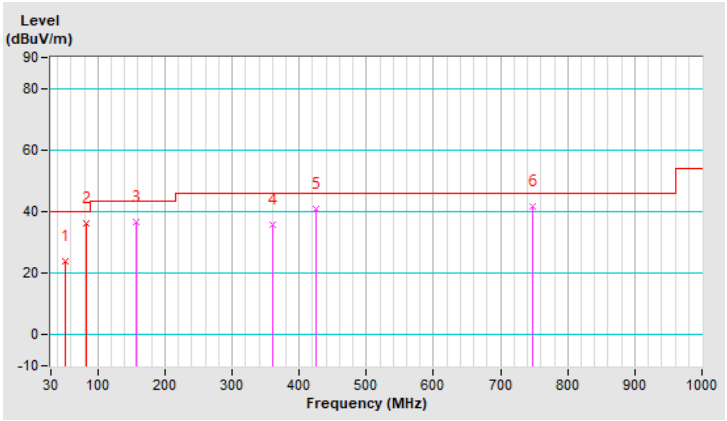
802.11ax (HE20)

操作模式：	發射/接收	調變技術：	OFDMA
基本波頻率：	CH 11：2462 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	110 年 01 月 21 日	測試者：	許偉信
測試模式：	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	50.84	23.7 QP	40.0	-16.3	2.00 H	216	32.8	-9.1
2	82.77	36.0 QP	40.0	-4.0	2.00 H	184	49.9	-13.9
3	156.52	36.5 QP	43.5	-7.0	1.99 H	213	44.9	-8.4
4	360.36	35.7 QP	46.0	-10.3	1.99 H	170	41.1	-5.4
5	425.03	41.0 QP	46.0	-5.0	1.50 H	285	44.8	-3.8
6	746.96	41.6 QP	46.0	-4.4	1.50 H	16	38.4	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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

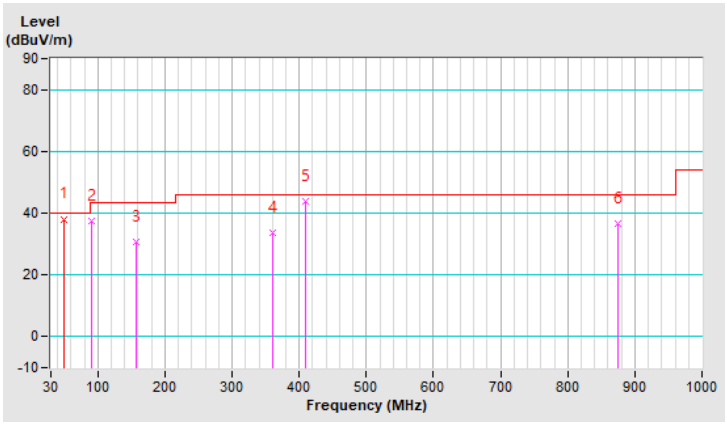


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	49.18	38.1 QP	40.0	-1.9	1.48 V	15	47.2	-9.1
2	90.45	37.3 QP	43.5	-6.2	1.49 V	85	51.7	-14.4
3	157.93	30.8 QP	43.5	-12.7	1.00 V	12	39.2	-8.4
4	360.36	33.7 QP	46.0	-12.3	1.99 V	145	39.1	-5.4
5	409.57	43.8 QP	46.0	-2.2	1.00 V	12	48.3	-4.5
6	874.88	36.8 QP	46.0	-9.2	1.49 V	15	31.2	5.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

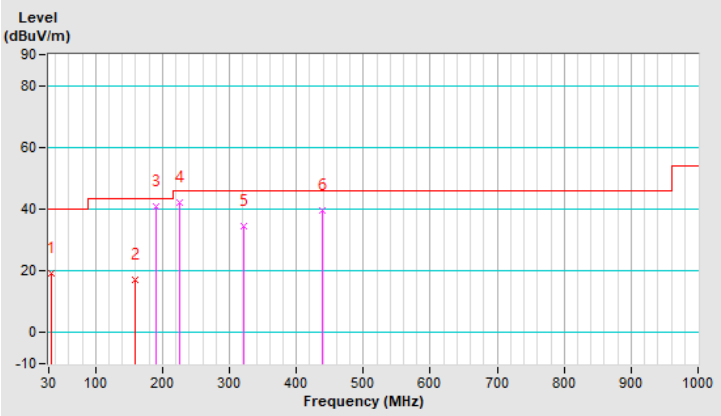


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	33.07	19.1 QP	40.0	-20.9	1.49 H	6	30.0	-10.9
2	159.47	17.1 QP	43.5	-26.4	1.49 H	0	25.4	-8.3
3	190.26	40.9 QP	43.5	-2.6	1.99 H	3	51.8	-10.9
4	225.41	42.0 QP	46.0	-4.0	1.99 H	3	52.5	-10.5
5	321.00	34.3 QP	46.0	-11.7	1.00 H	16	40.4	-6.1
6	439.09	39.4 QP	46.0	-6.6	1.99 H	5	42.9	-3.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

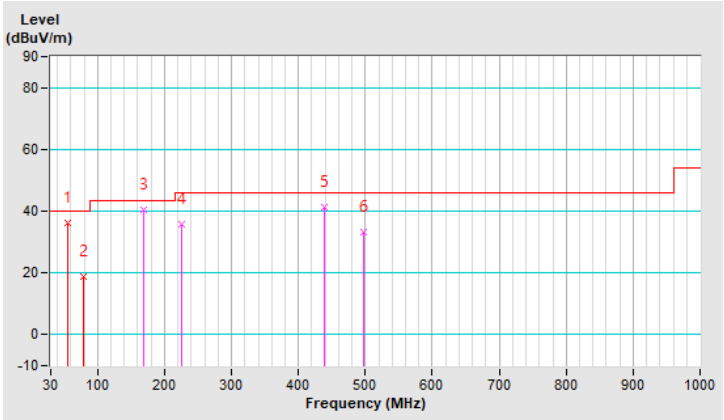


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 11：2462 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	54.73	36.3 QP	40.0	-3.7	1.50 V	15	45.4	-9.1
2	78.01	18.8 QP	40.0	-21.2	1.50 V	15	31.7	-12.9
3	169.17	40.6 QP	43.5	-2.9	1.99 V	87	49.3	-8.7
4	225.41	35.6 QP	46.0	-10.4	1.99 V	2	46.1	-10.5
5	439.09	41.2 QP	46.0	-4.8	1.50 V	110	44.7	-3.5
6	496.72	33.3 QP	46.0	-12.7	1.99 V	7	35.6	-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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.



Scanning radio:

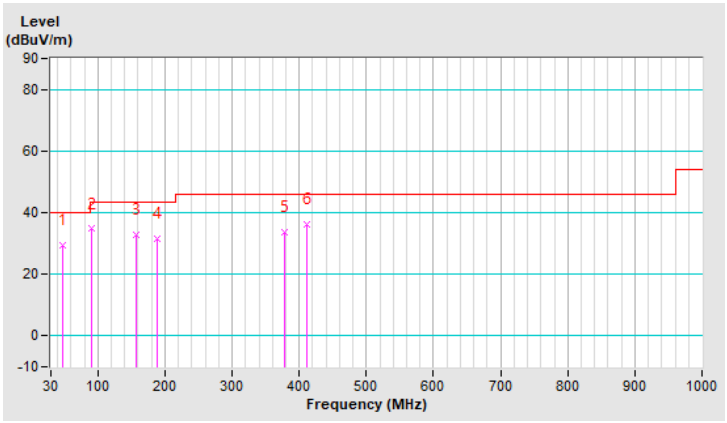
802.11n (HT40)

操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	48.28	29.4 QP	40.0	-10.6	1.50 H	128	38.5	-9.1
2	90.45	34.7 QP	43.5	-8.8	1.50 H	232	49.1	-14.4
3	156.52	33.0 QP	43.5	-10.5	1.00 H	72	41.4	-8.4
4	187.45	31.7 QP	43.5	-11.8	1.50 H	16	42.4	-10.7
5	378.64	33.5 QP	46.0	-12.5	1.00 H	182	38.5	-5.0
6	410.97	36.1 QP	46.0	-9.9	1.50 H	297	40.6	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

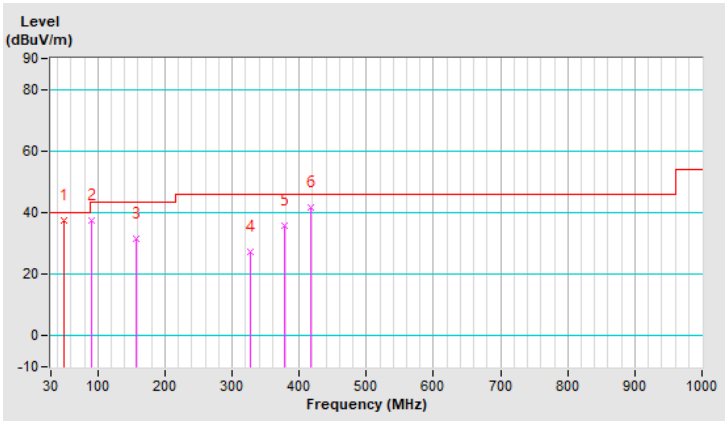


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	49.84	37.4 QP	40.0	-2.6	1.50 V	318	46.5	-9.1
2	90.45	37.3 QP	43.5	-6.2	1.00 V	91	51.7	-14.4
3	156.52	31.5 QP	43.5	-12.0	1.00 V	105	39.9	-8.4
4	326.62	27.3 QP	46.0	-18.7	1.50 V	258	33.1	-5.8
5	377.23	35.6 QP	46.0	-10.4	1.00 V	34	40.6	-5.0
6	418.00	41.7 QP	46.0	-4.3	1.00 V	195	45.8	-4.1

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

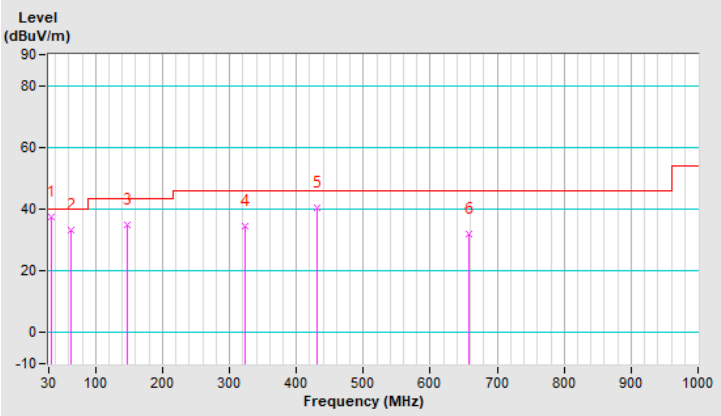


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	37.3 QP	40.0	-2.7	1.00 H	355	47.8	-10.5
2	62.33	33.1 QP	40.0	-6.9	2.00 H	14	42.8	-9.7
3	148.09	34.8 QP	43.5	-8.7	2.00 H	90	43.5	-8.7
4	322.41	34.3 QP	46.0	-11.7	1.50 H	7	40.3	-6.0
5	430.65	40.4 QP	46.0	-5.6	2.00 H	7	44.0	-3.6
6	656.99	31.9 QP	46.0	-14.1	1.50 H	245	30.6	1.3

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

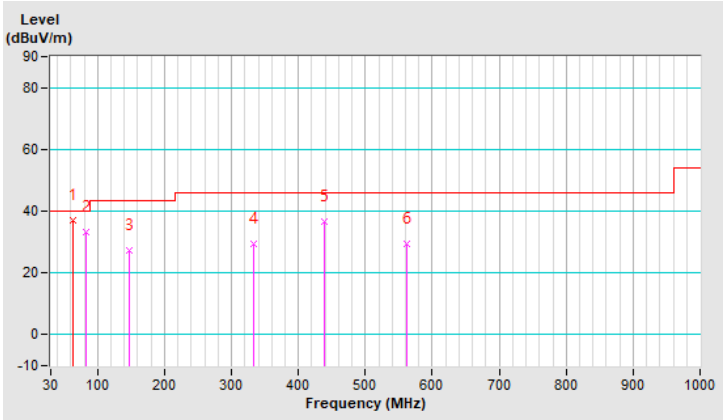


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 9：2452 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	62.49	37.0 QP	40.0	-3.0	2.00 V	339	46.6	-9.6
2	83.42	33.1 QP	40.0	-6.9	2.00 V	127	47.1	-14.0
3	148.09	27.5 QP	43.5	-16.0	1.50 V	221	36.2	-8.7
4	332.25	29.2 QP	46.0	-16.8	2.00 V	131	34.9	-5.7
5	439.09	36.5 QP	46.0	-9.5	1.00 V	223	40.0	-3.5
6	561.39	29.3 QP	46.0	-16.7	1.00 V	102	30.3	-1.0

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.



4.7 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。

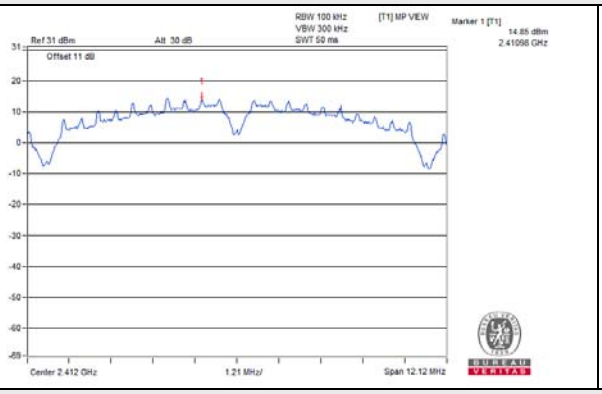
4.8 配置照片

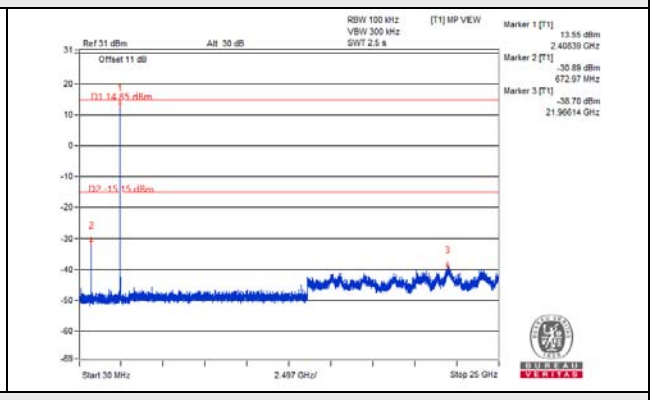
請參閱附件測試設置照片(BV CPS 報告編號：BDYS-WTW-P21020556_TSup)。

4.9 帶外發射之量測 (傳導)

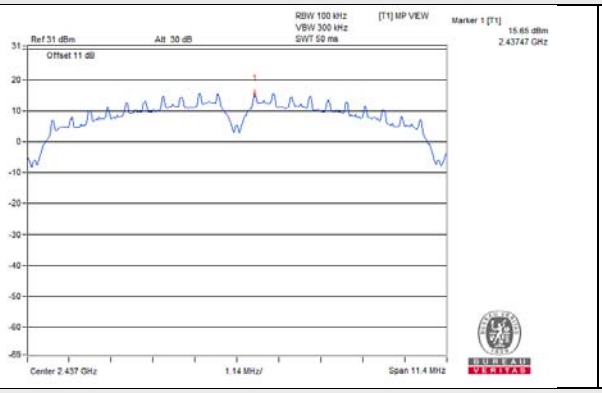
2G traffic radio: 802.11b_Chain 0

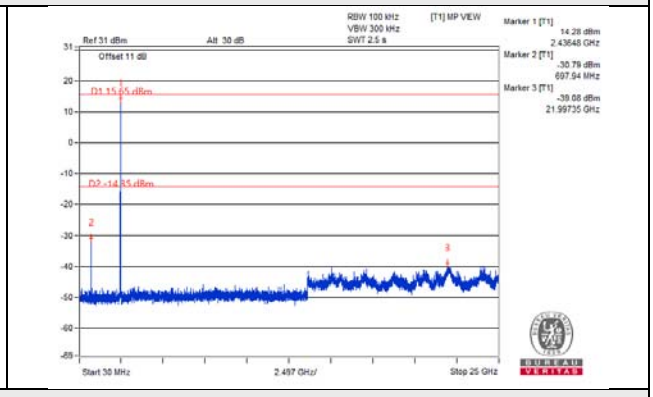
CH 1



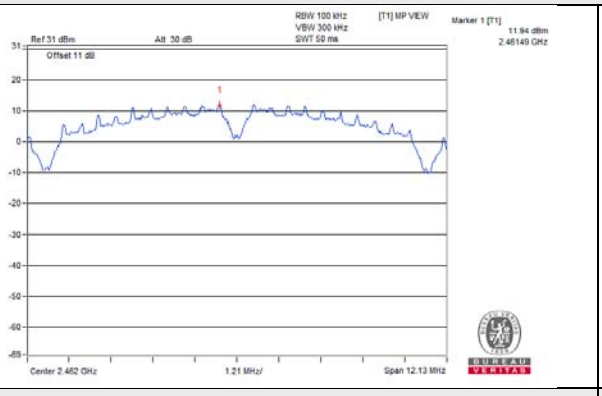


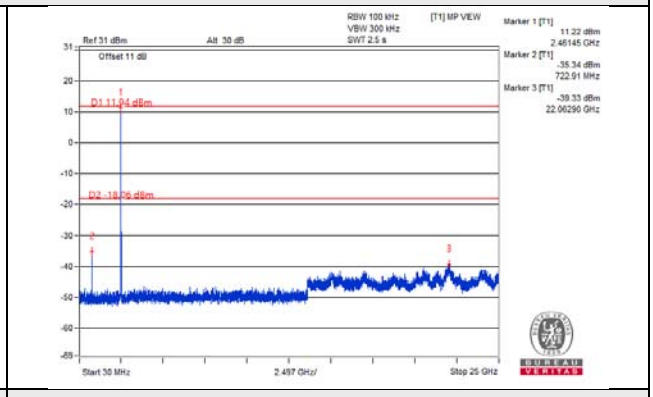
CH 6



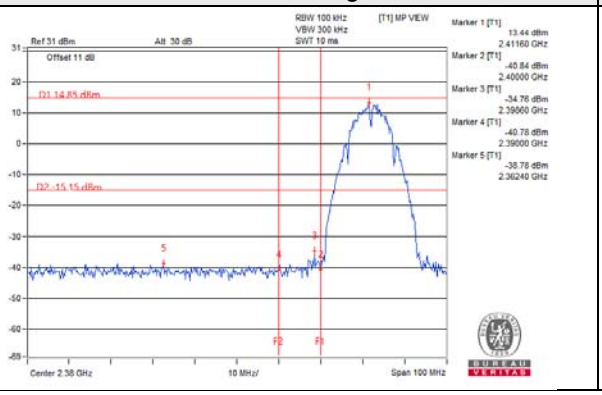


CH 11

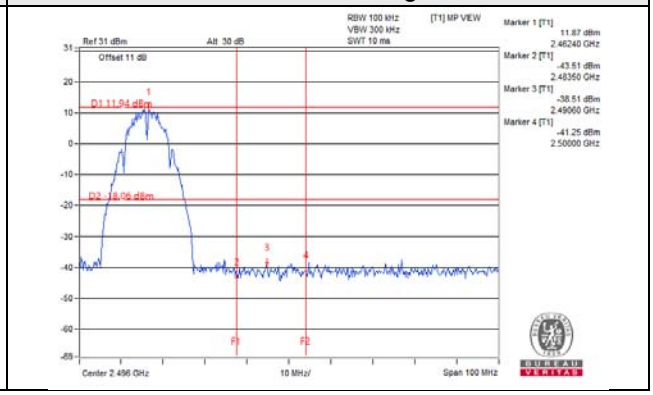




CH 1 Band edge

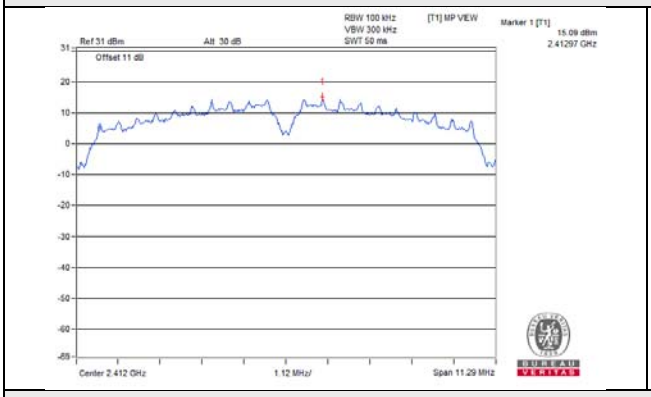


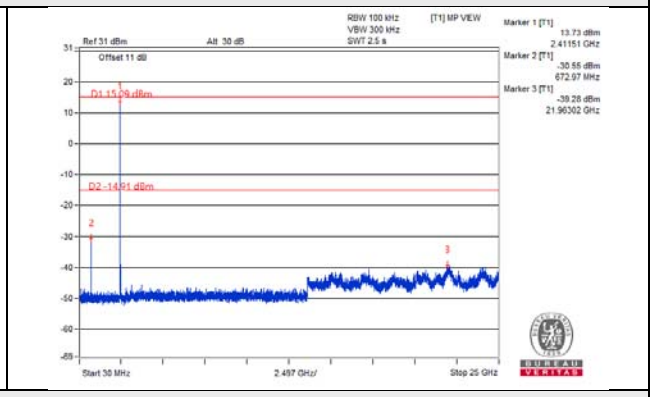
CH 11 Band edge



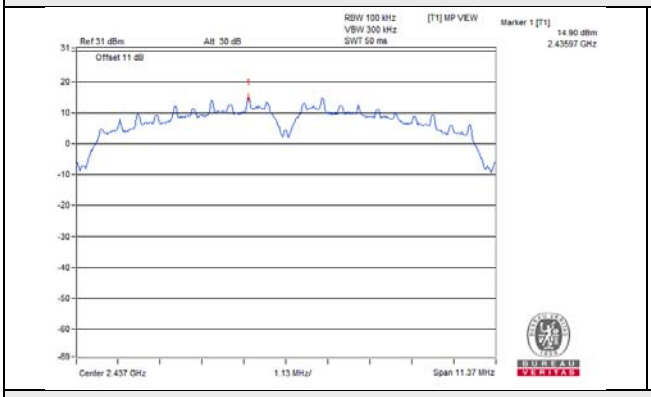
802.11b_Chain 1

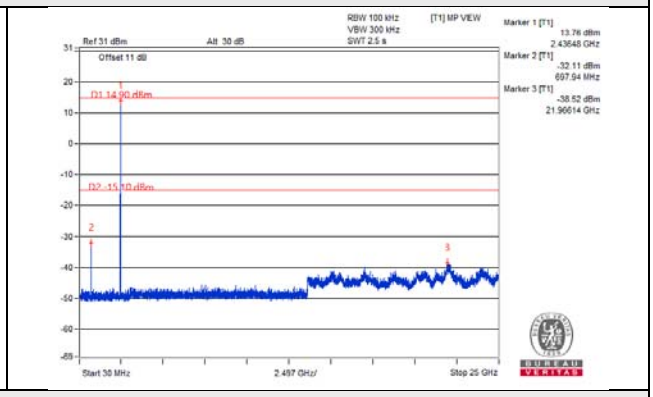
CH 1



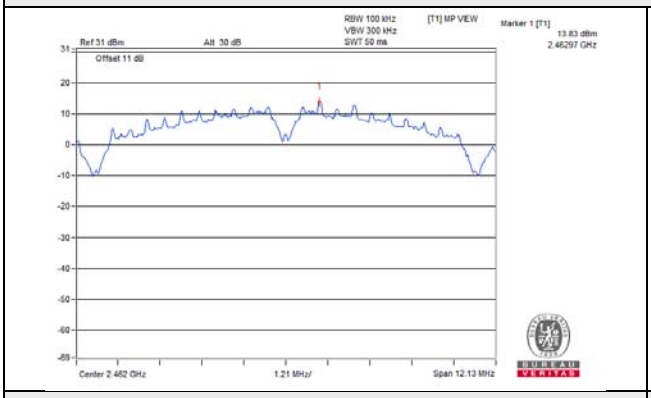


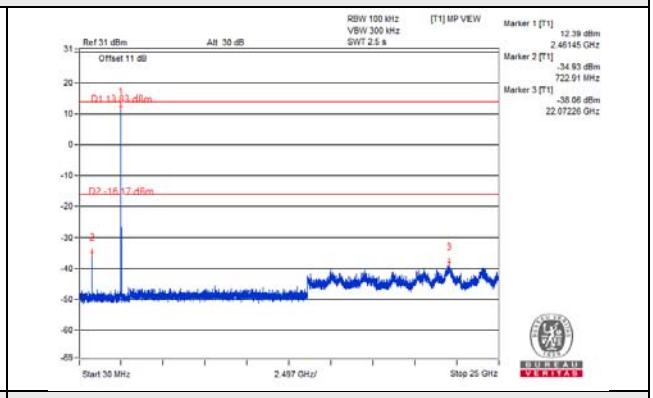
CH 6



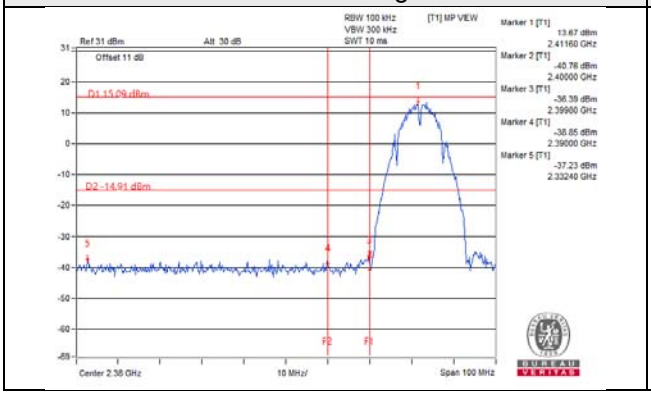


CH 11

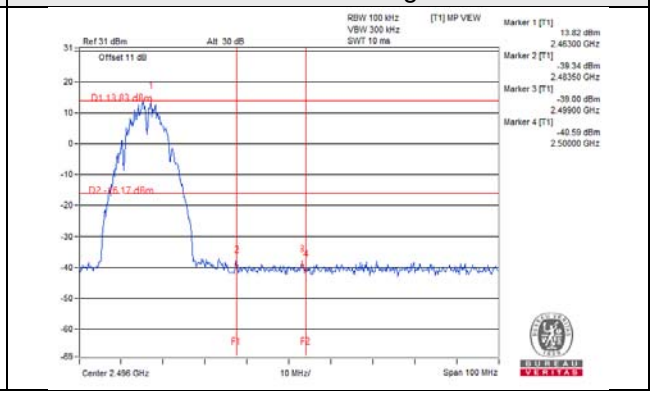




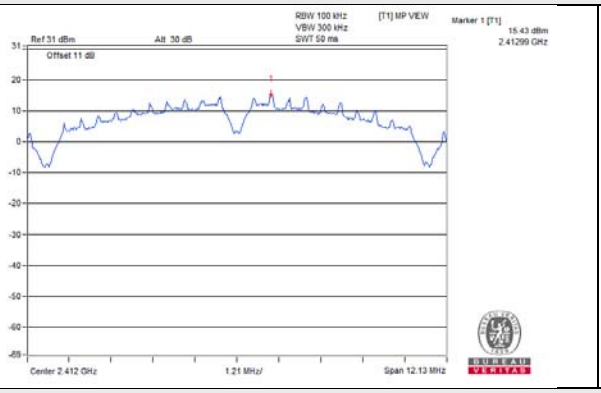
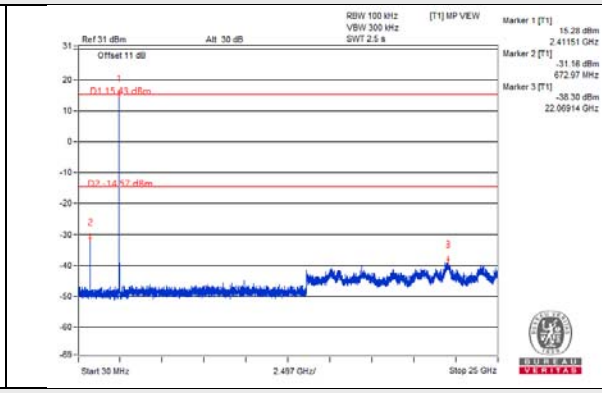
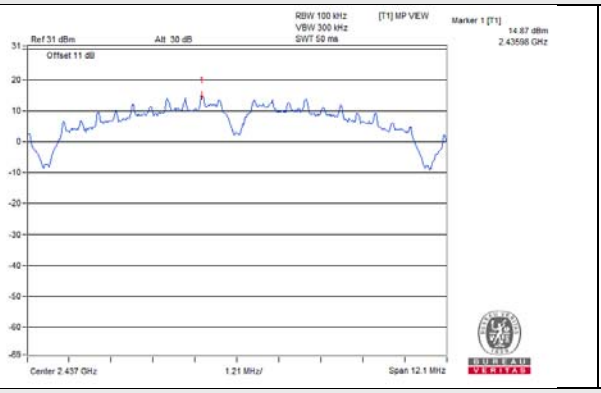
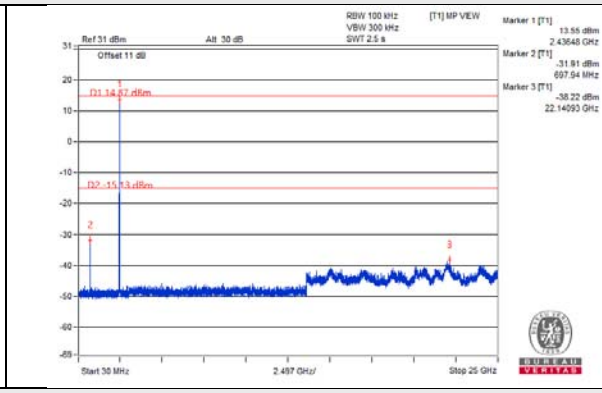
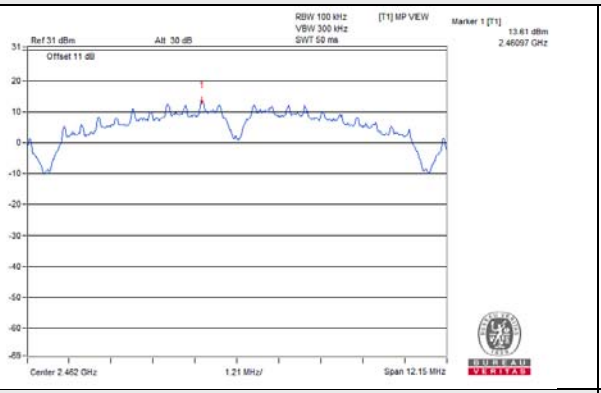
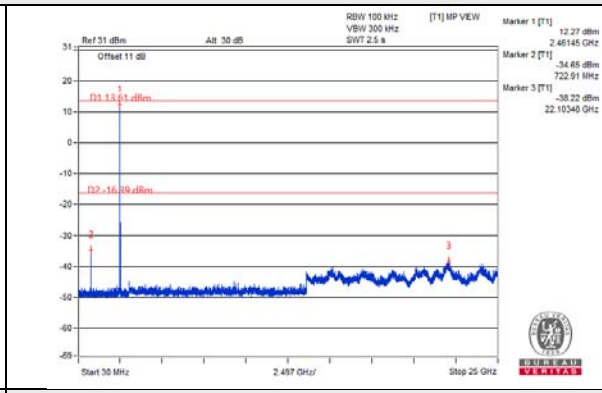
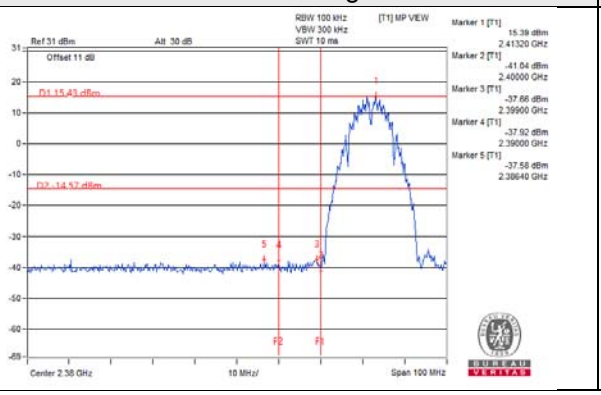
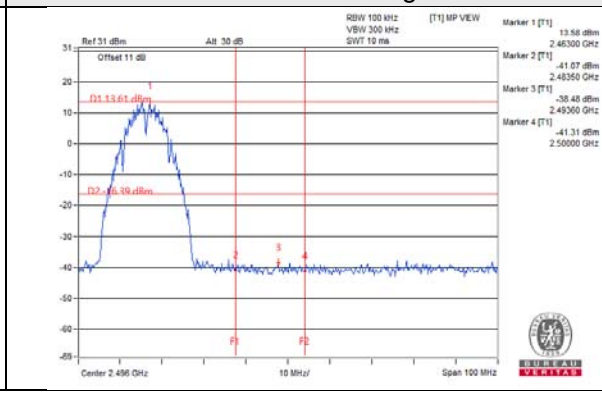
CH 1 Band edge



CH 11 Band edge

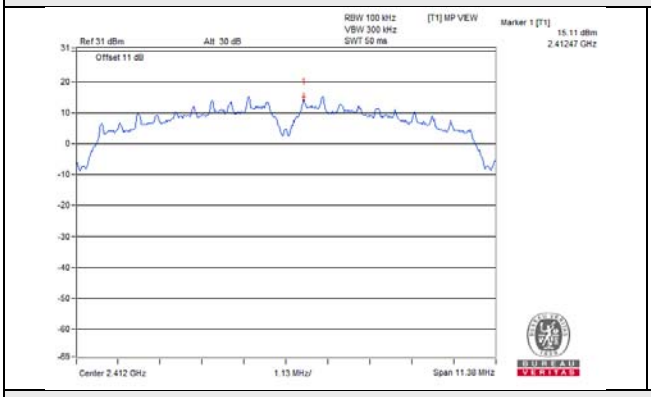


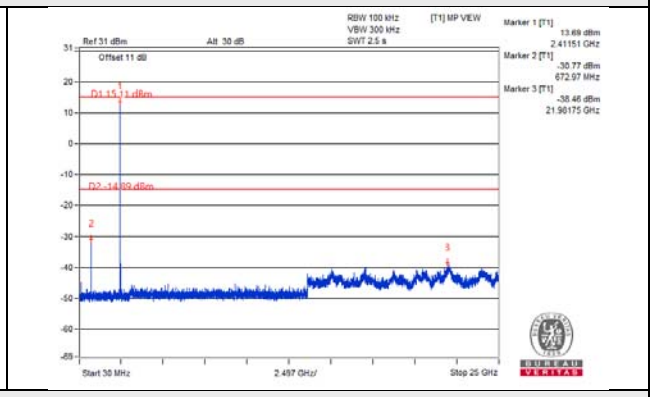
802.11b_Chain 2

CH 1	
	
CH 6	
	
CH 11	
	
CH 1 Band edge	**CH 11 Band edge**
	

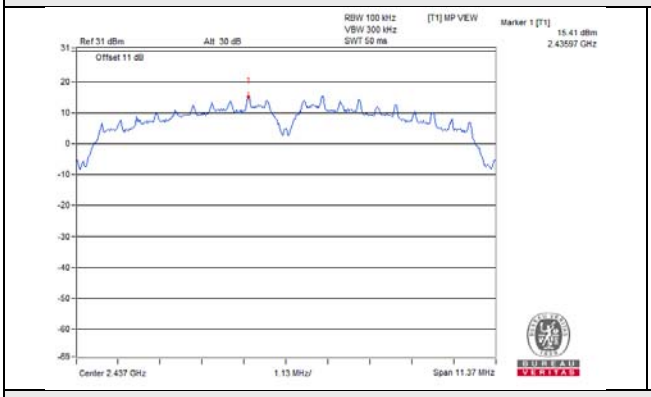
802.11b_Chain 3

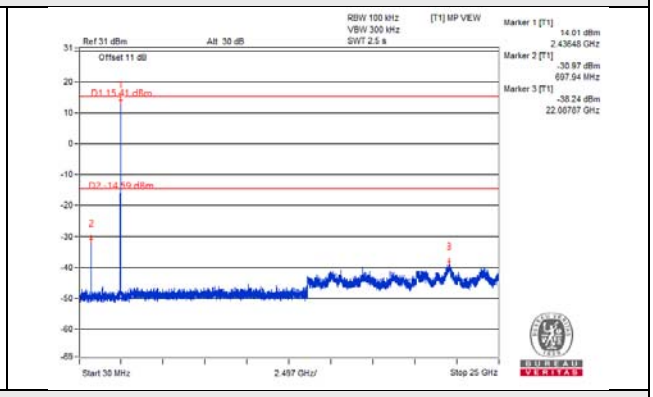
CH 1



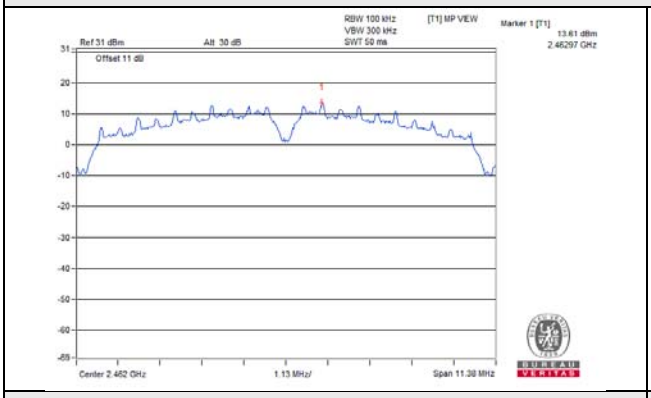


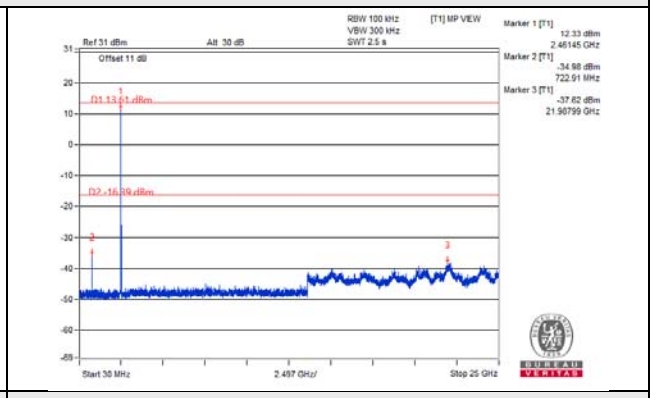
CH 6



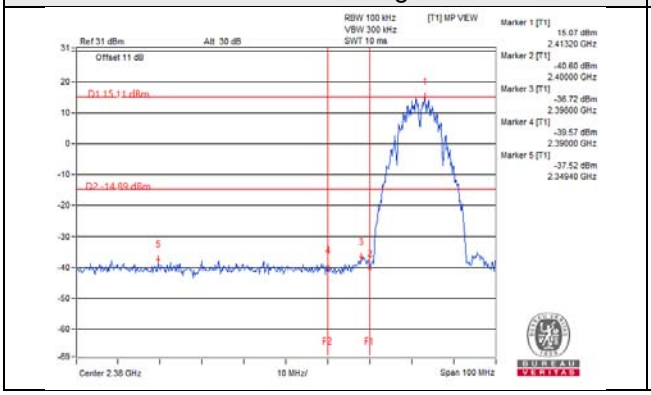


CH 11

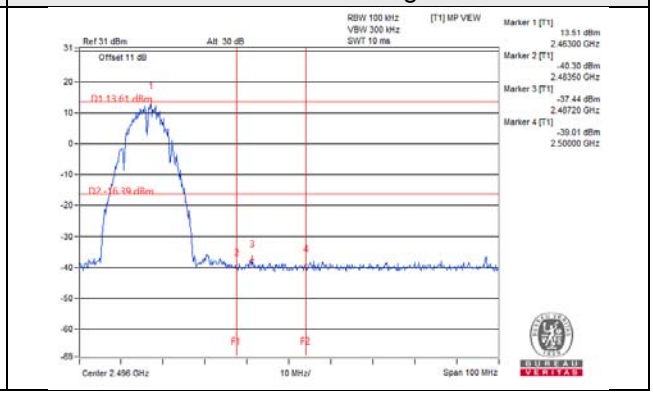




CH 1 Band edge

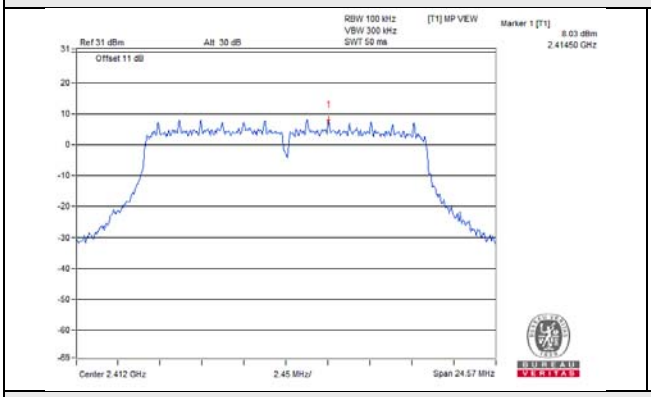


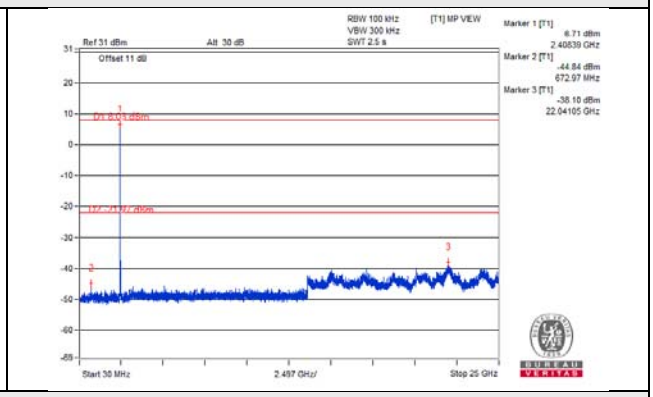
CH 11 Band edge



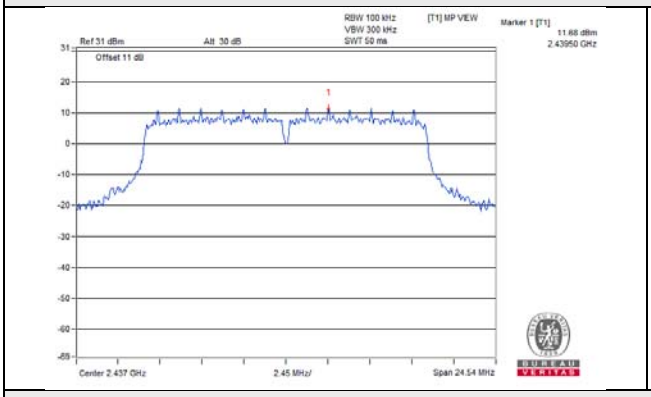
802.11g_Chain 0

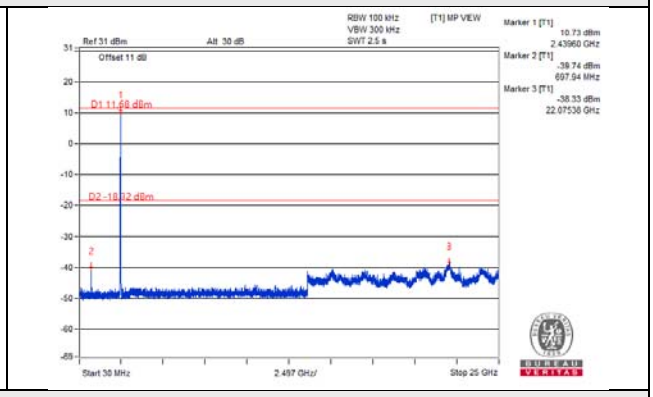
CH 1



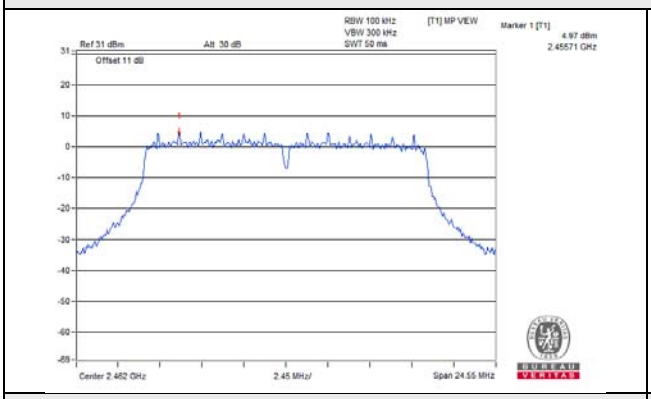


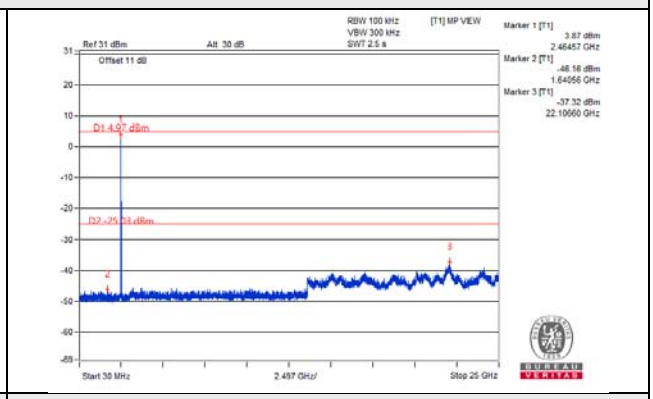
CH 6



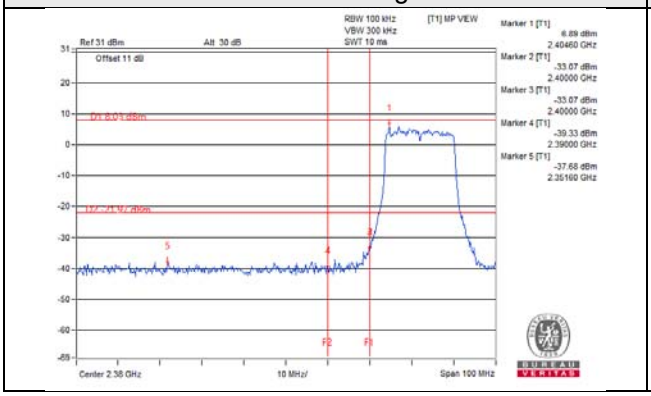


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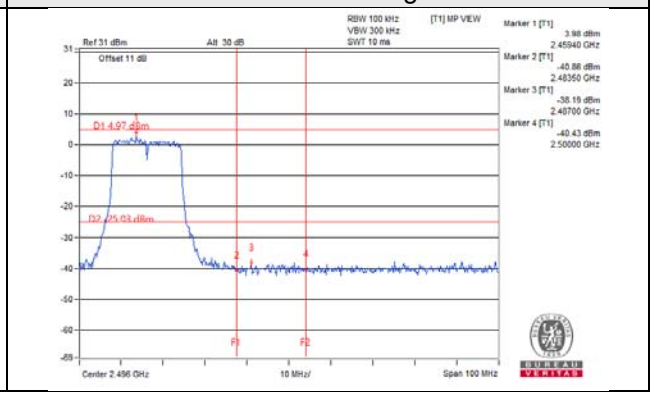




CH 1 Band edge

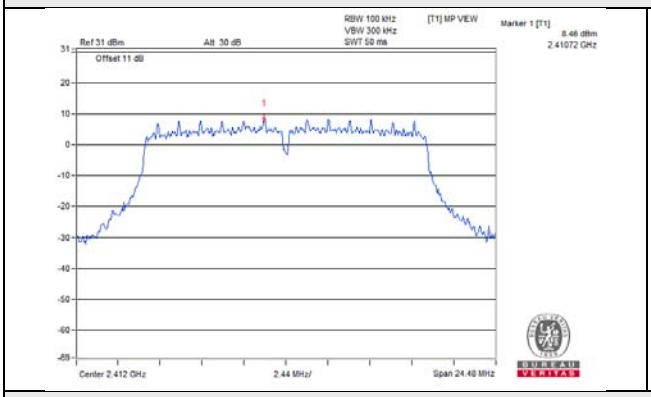


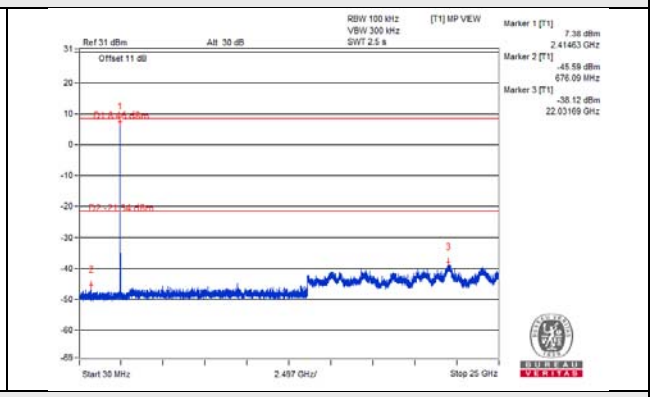
CH 11 Band edge



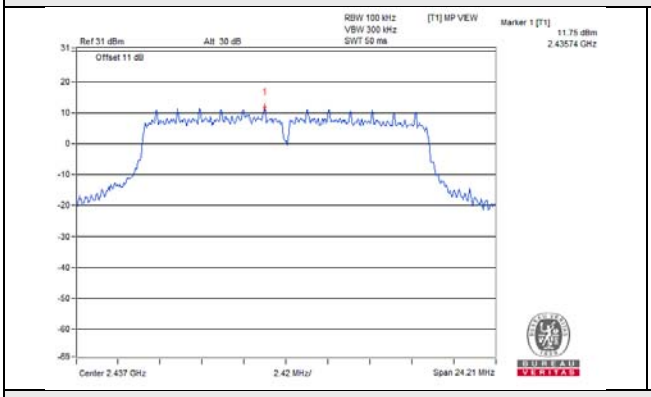
802.11g_Chain 1

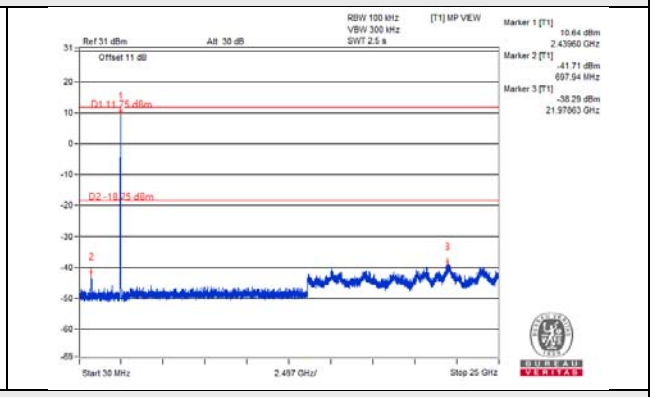
CH 1



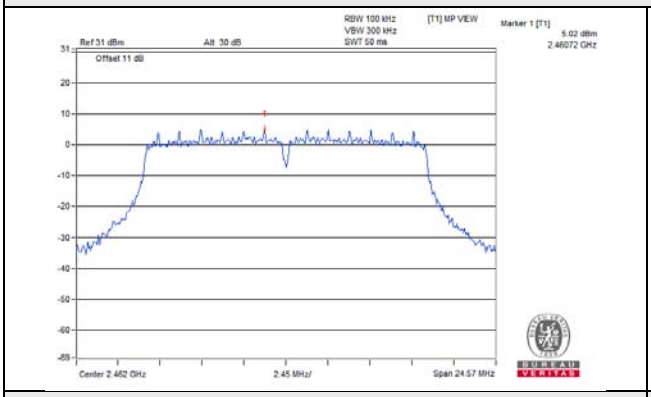


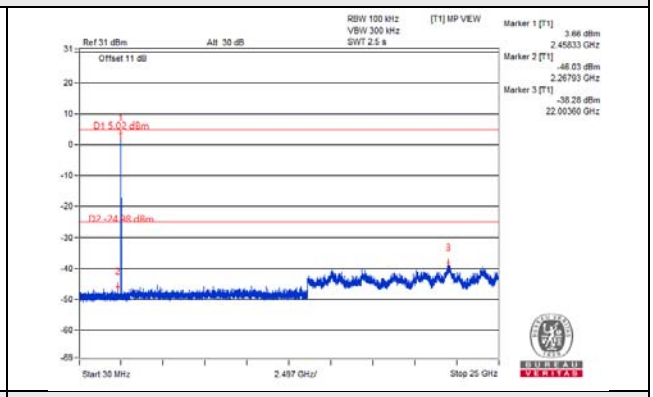
CH 6



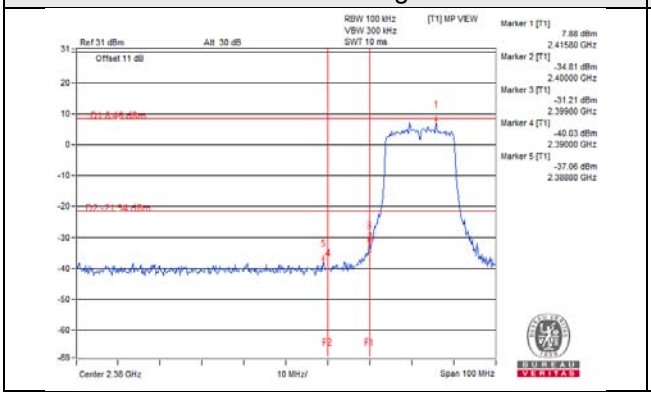


CH 11

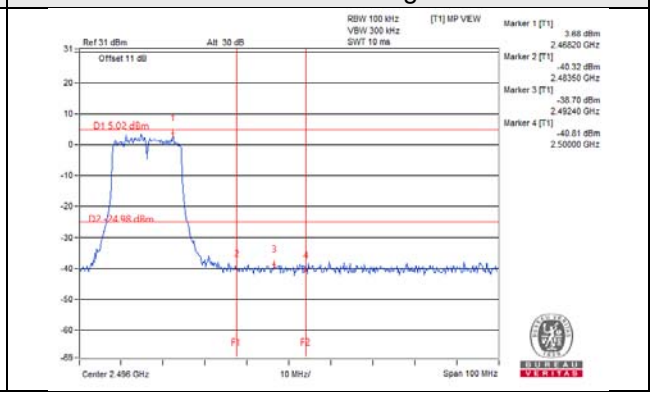




CH 1 Band edge

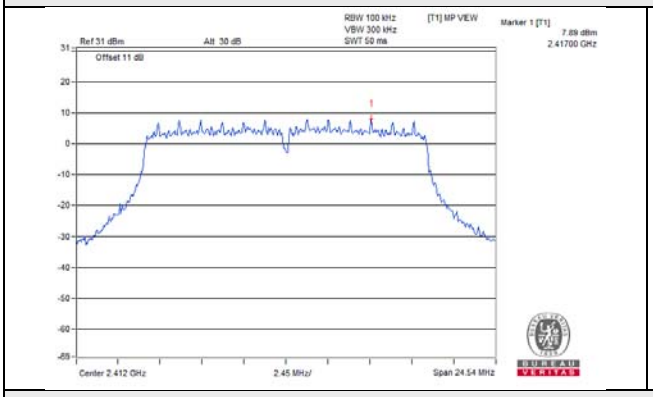


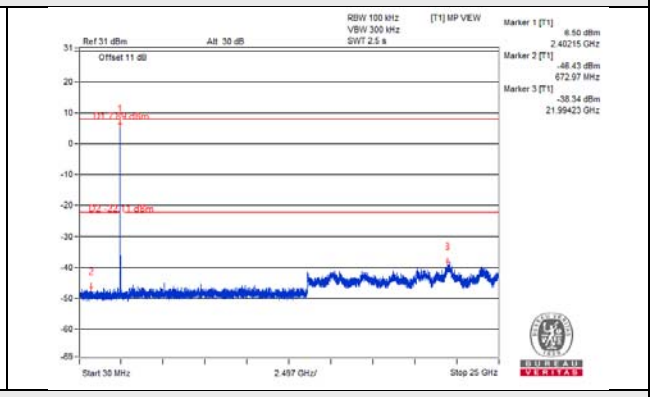
CH 11 Band edge



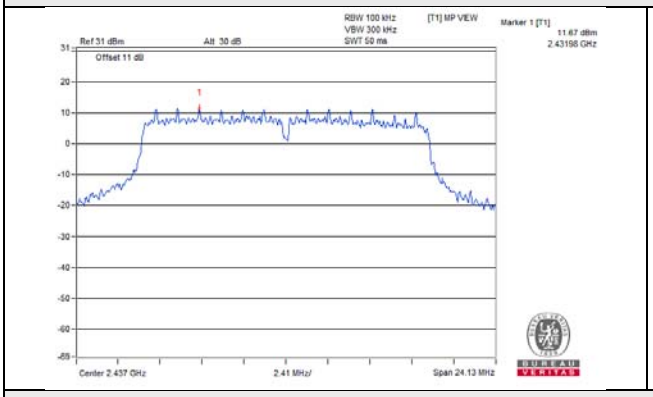
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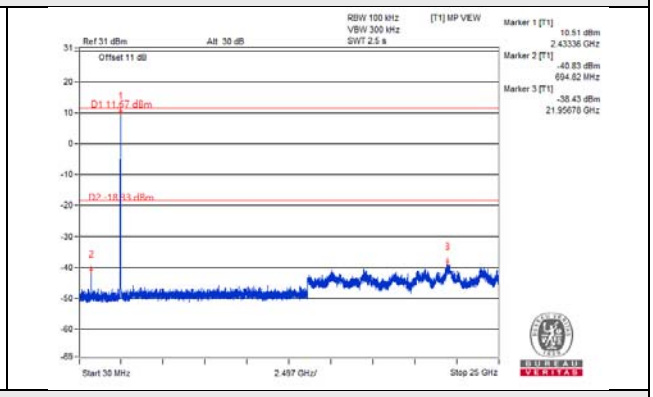
CH 1



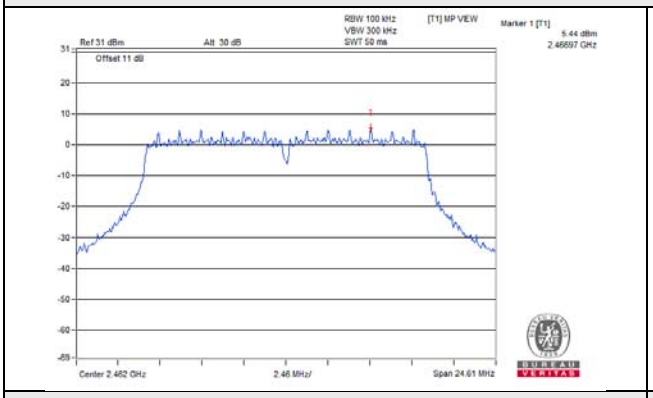


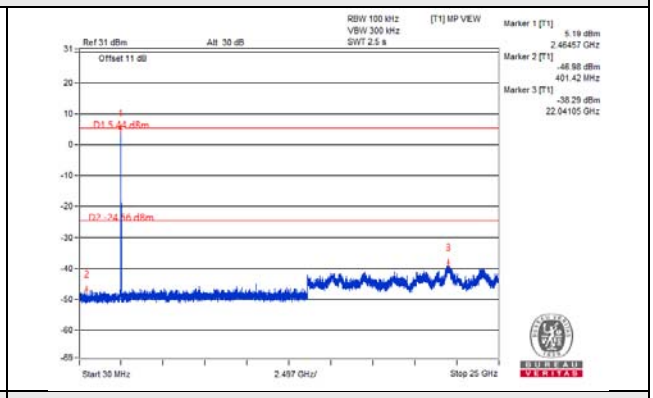
CH 6



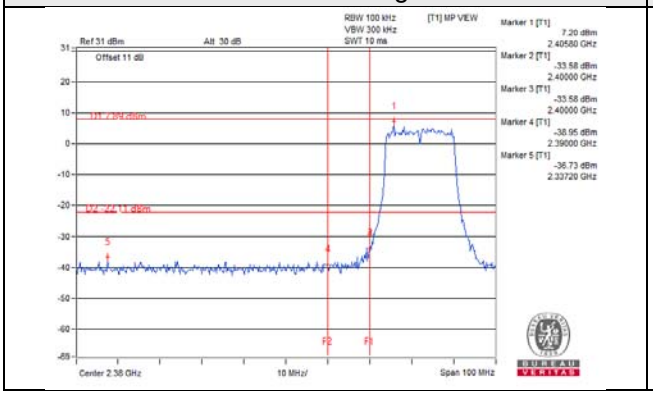


CH 11

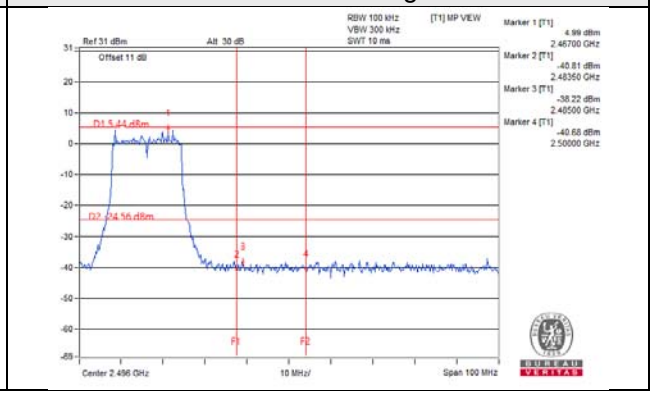




CH 1 Band edge

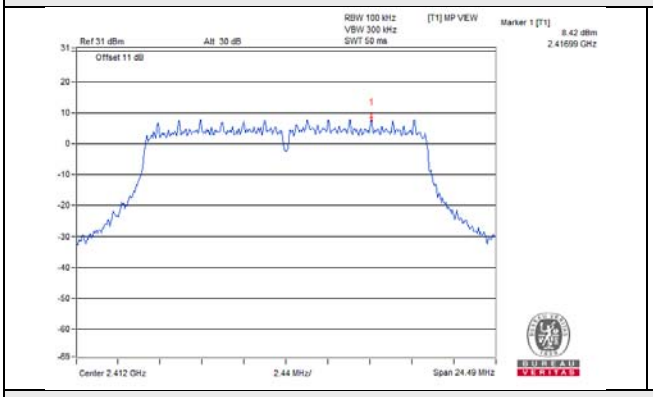


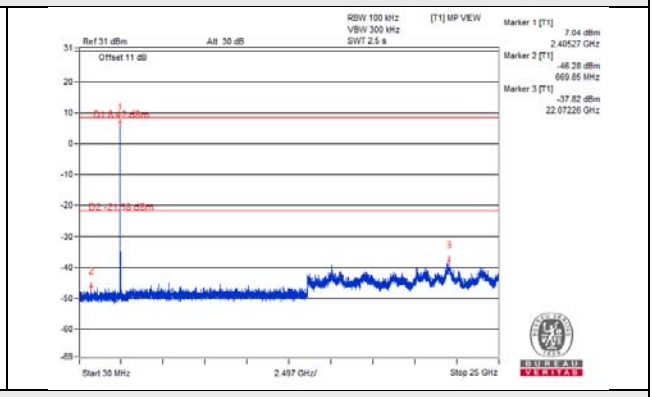
CH 11 Band edge



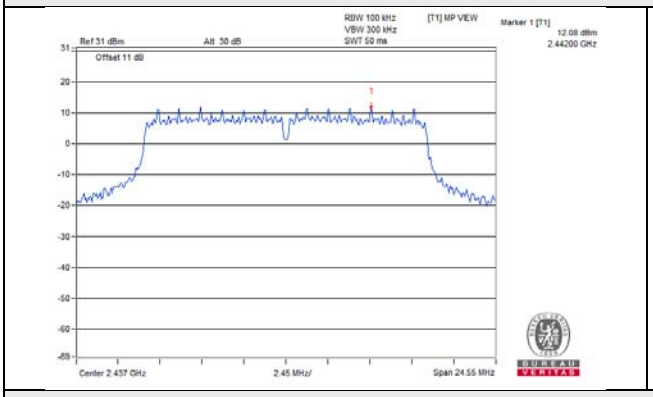
802.11g_Chain 3

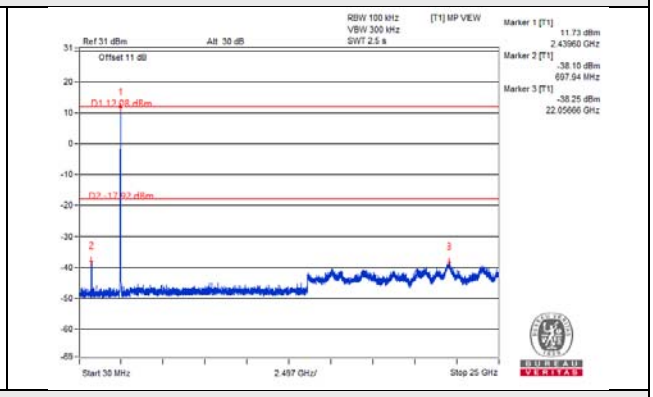
CH 1



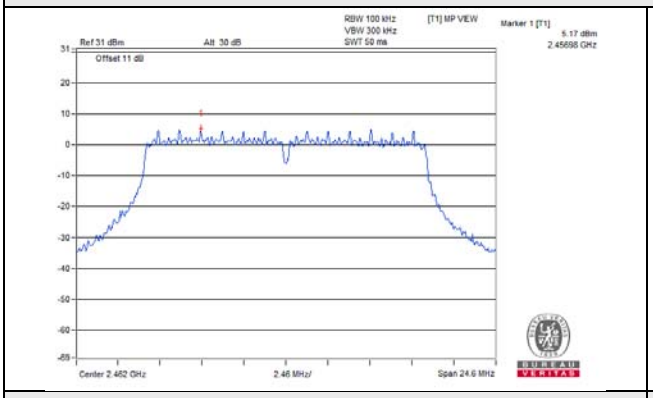


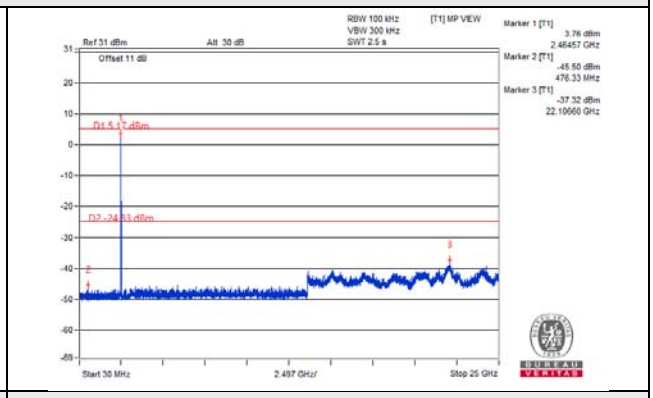
CH 6



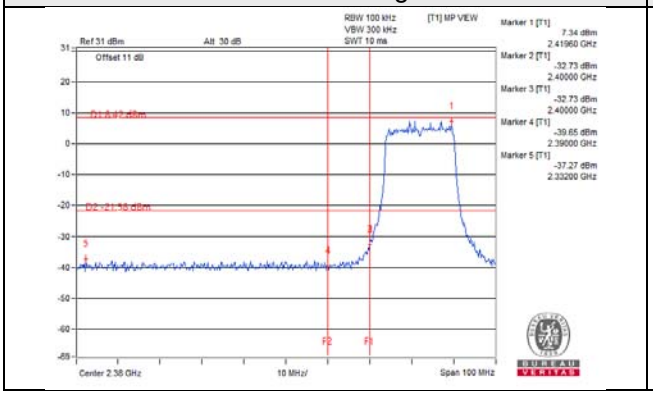


CH 11

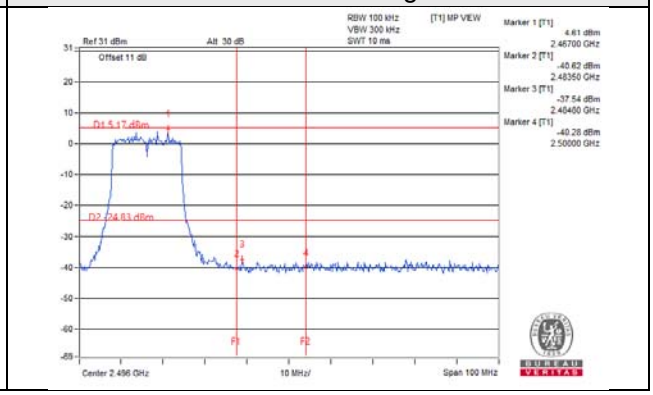




CH 1 Band edge

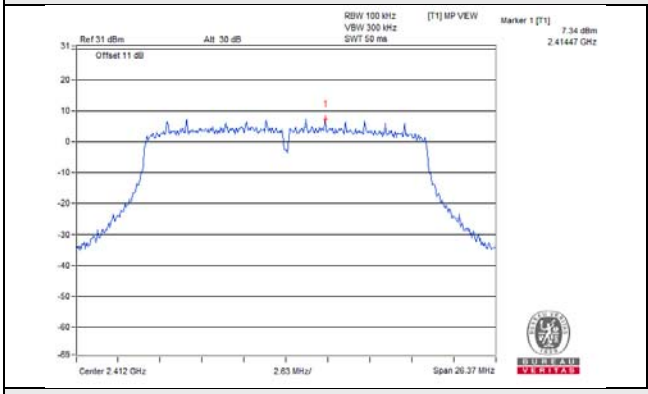


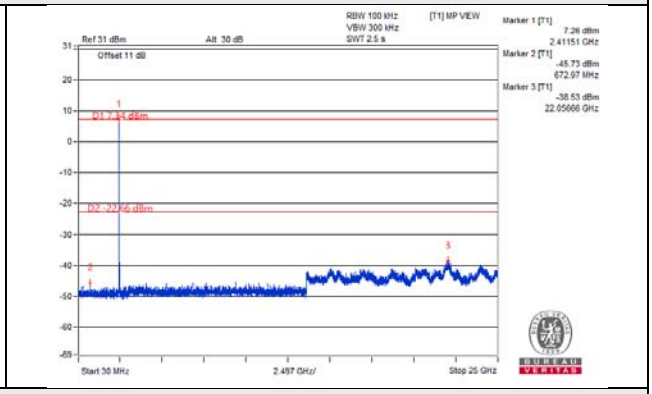
CH 11 Band edge



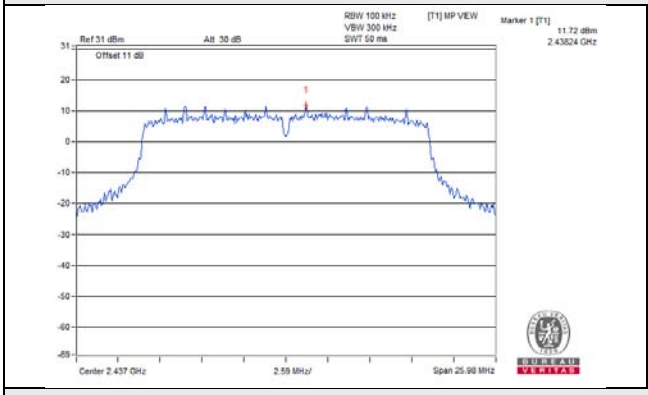
802.11ax (HE20)_Chain 0

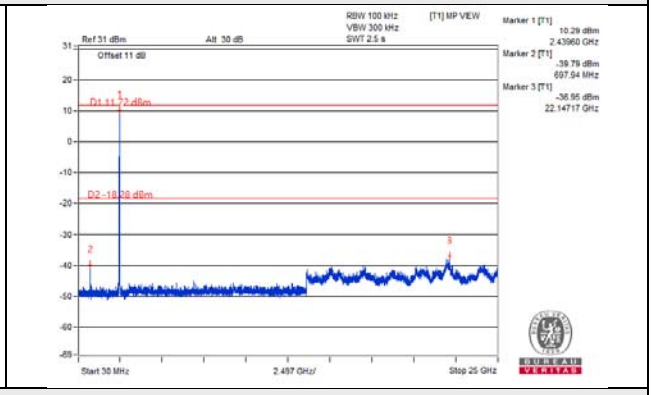
CH 1



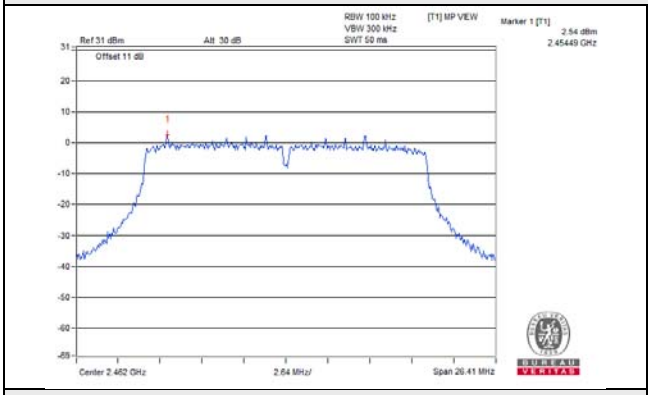


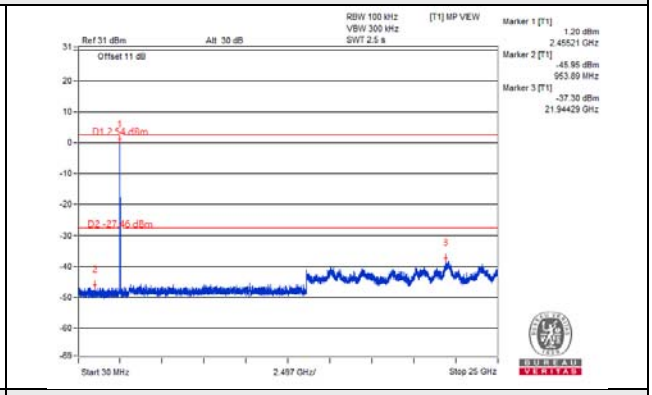
CH 6



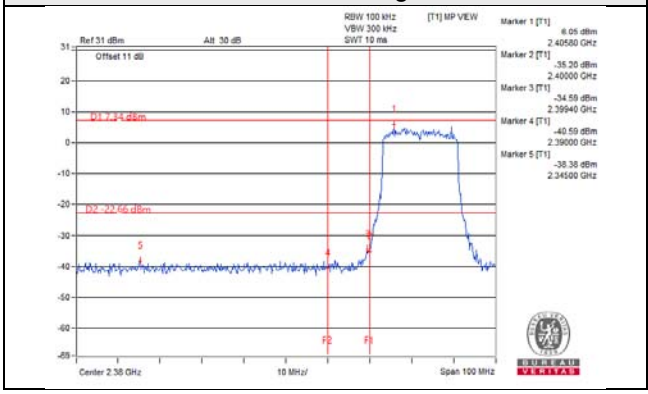


CH 11

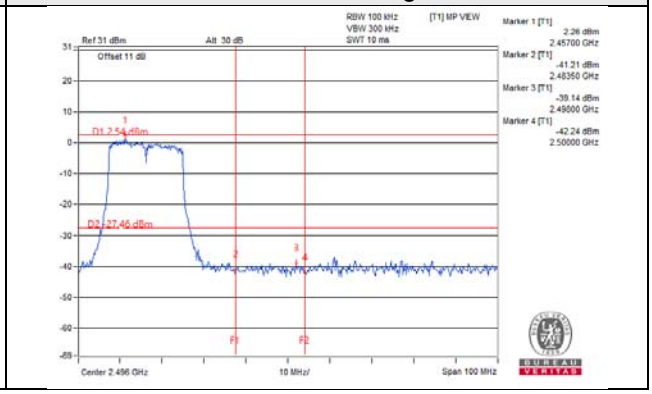




CH 1 Band edge

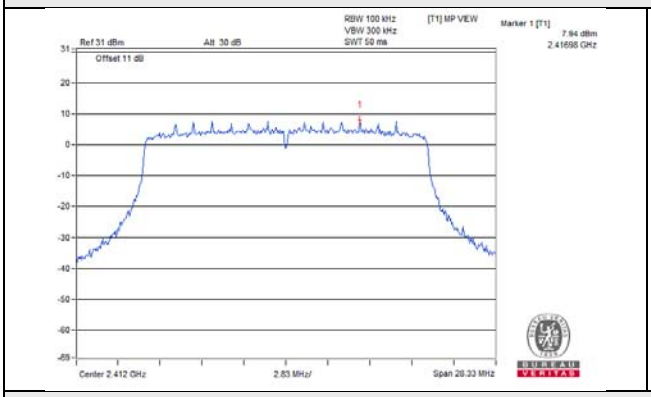


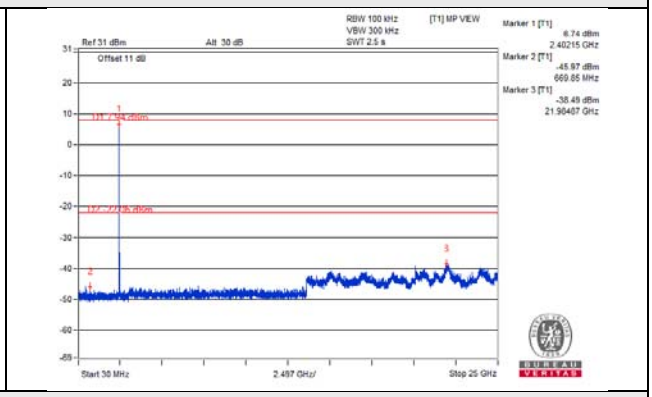
CH 11 Band edge



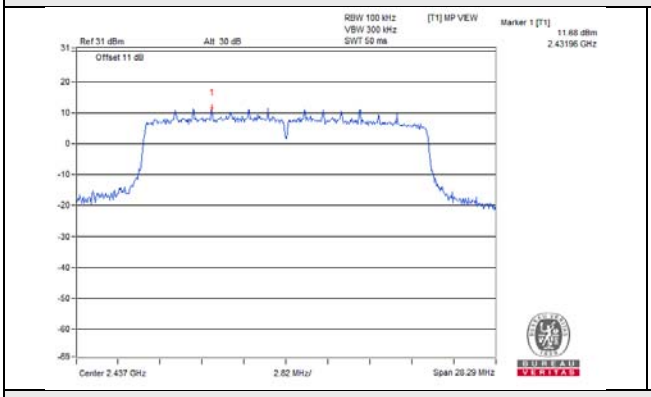
802.11ax (HE20)_Chain 1

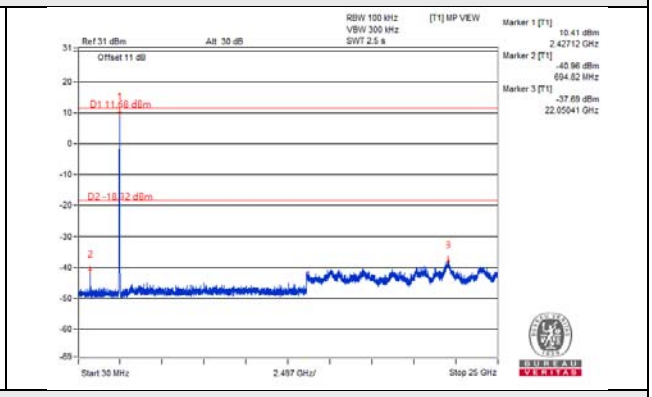
CH 1



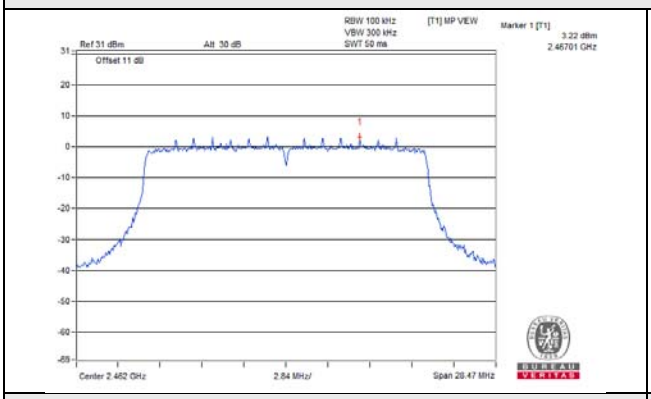


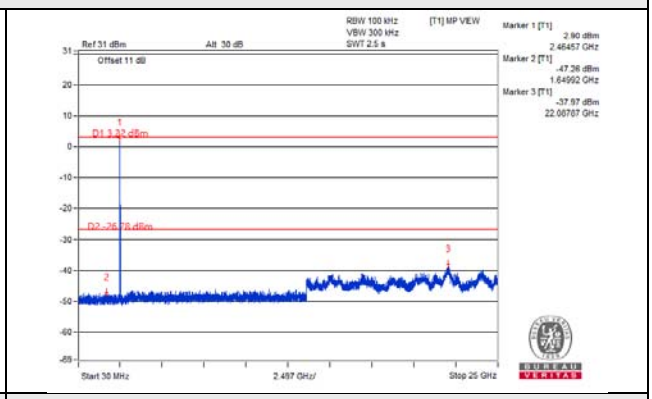
CH 6



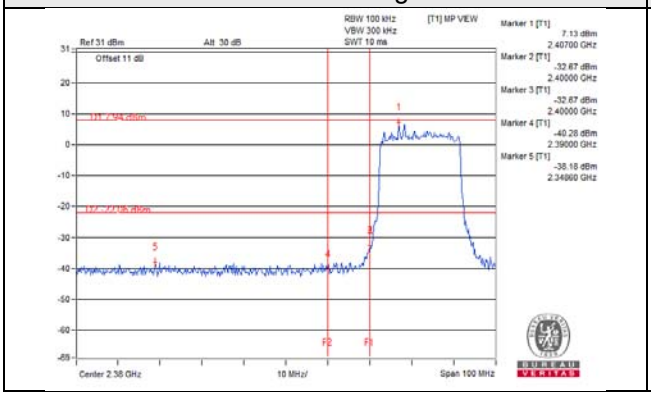


CH 11

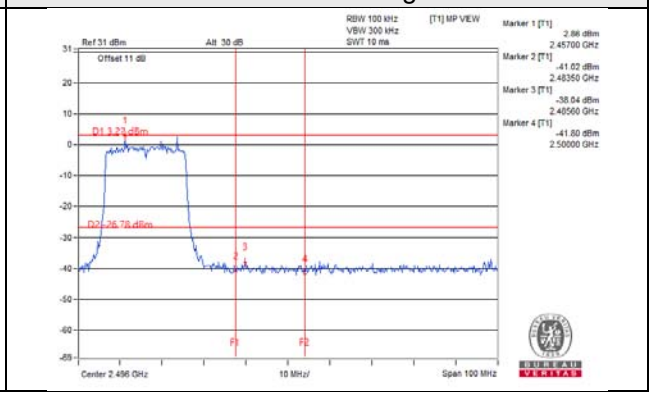




CH 1 Band edge

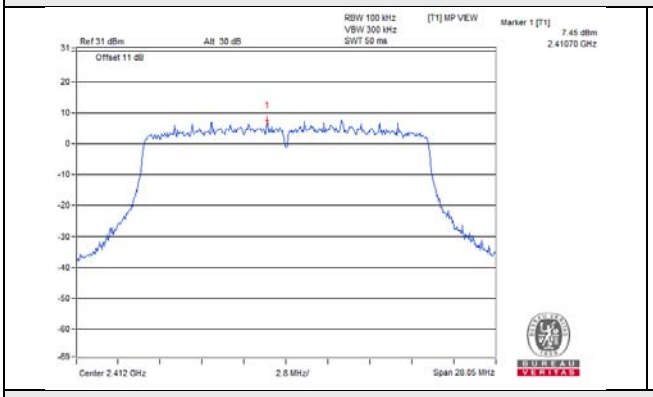


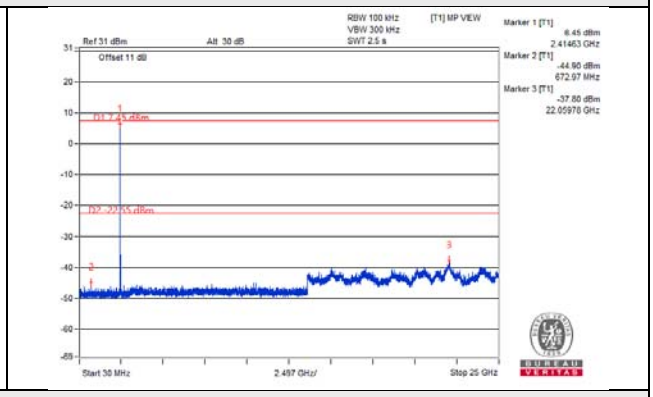
CH 11 Band edge



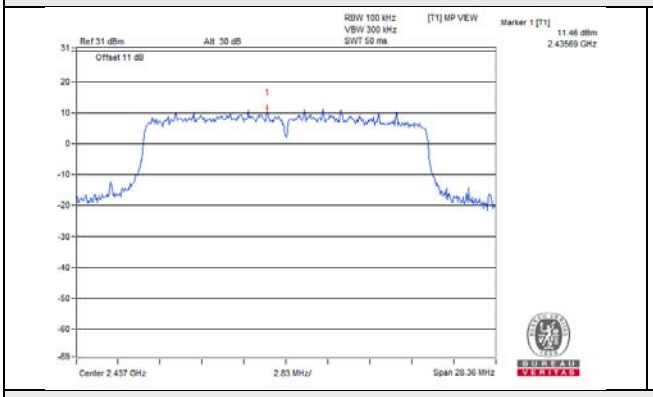
802.11ax (HE20)_Chain 2

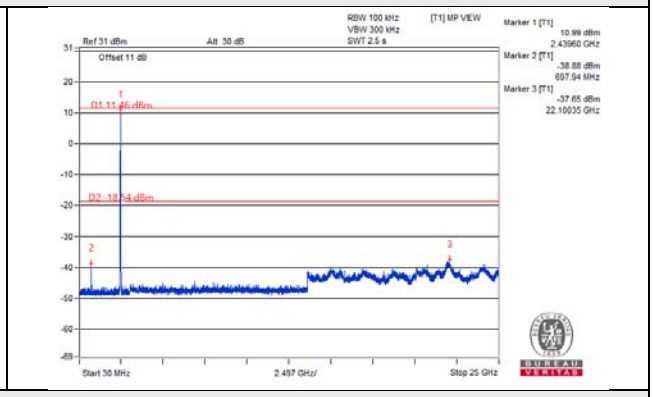
CH 1



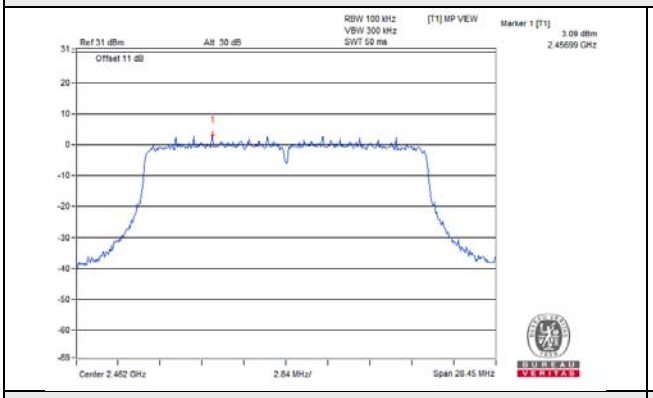


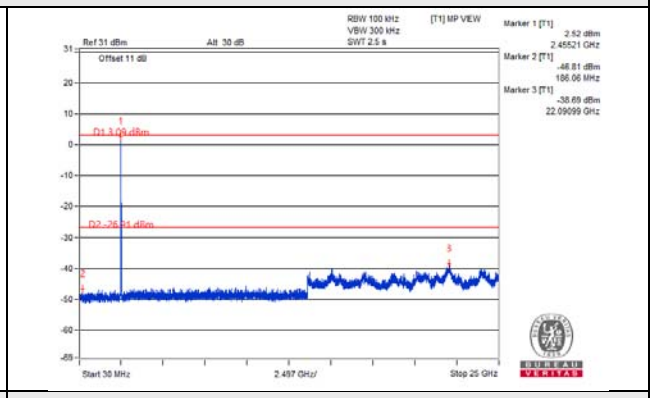
CH 6



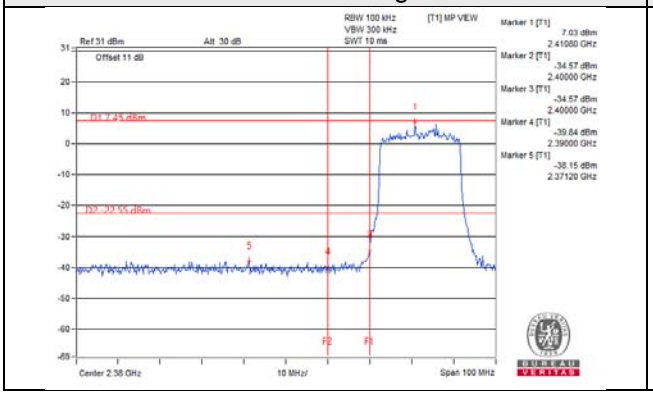


CH 11

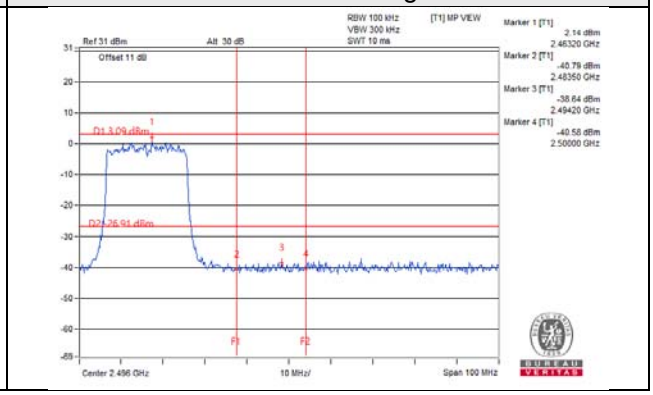




CH 1 Band edge

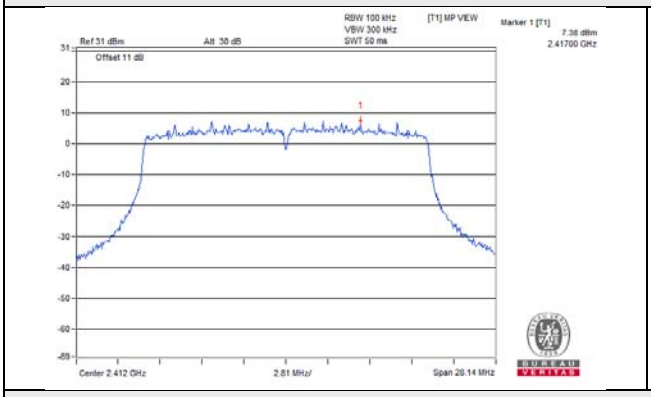


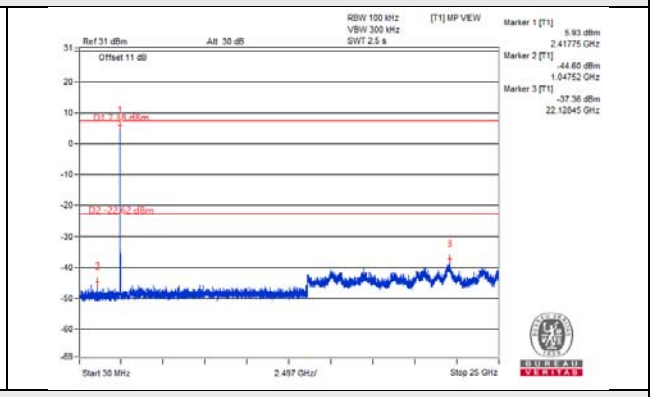
CH 11 Band edge



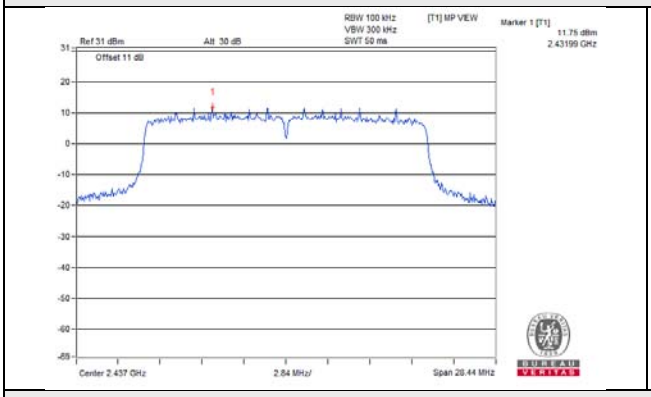
802.11ax (HE20)_Chain 3

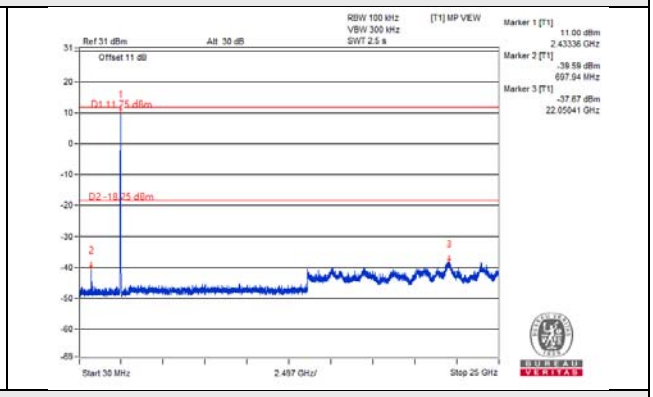
CH 1



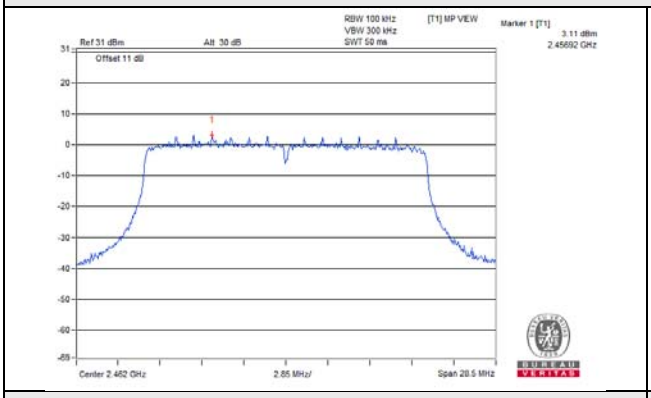


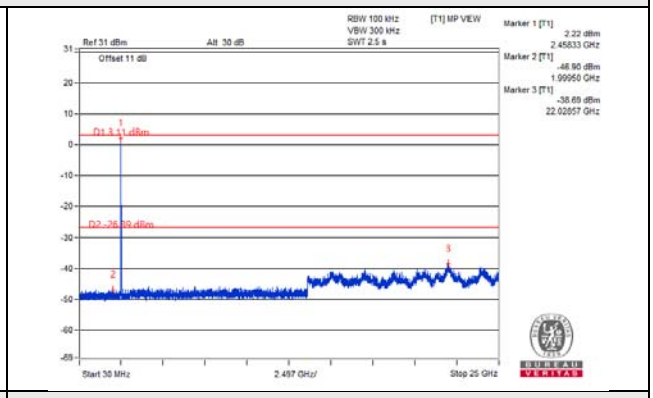
CH 6



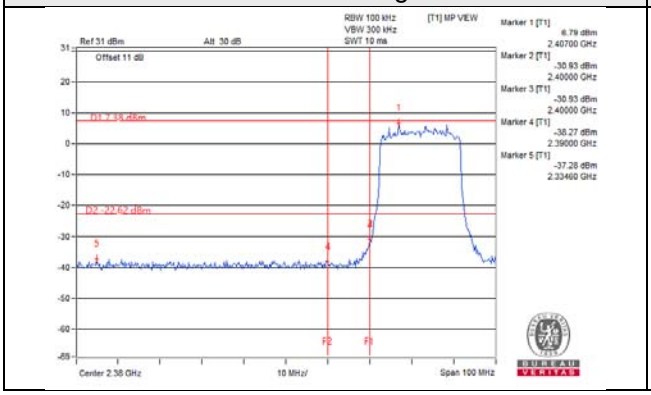


CH 11

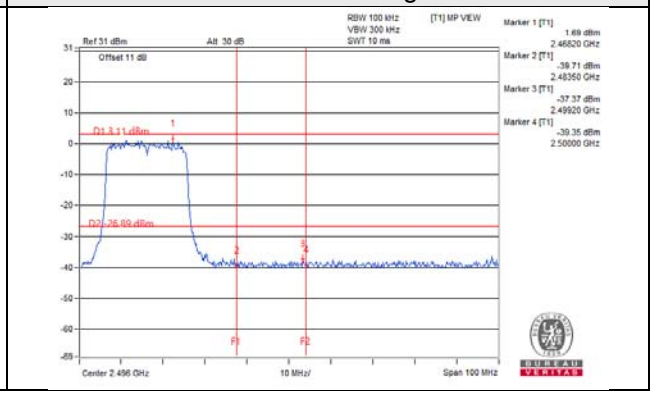




CH 1 Band edge

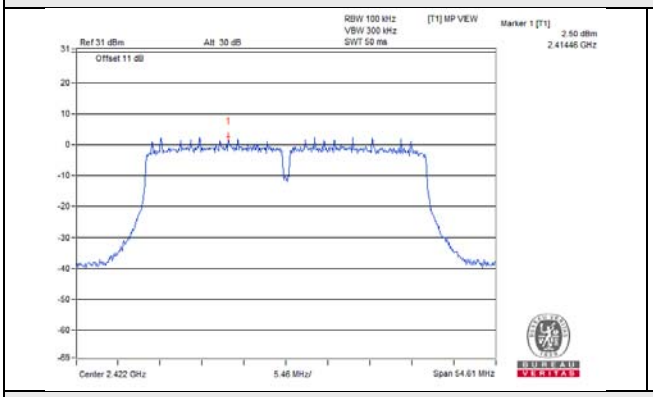


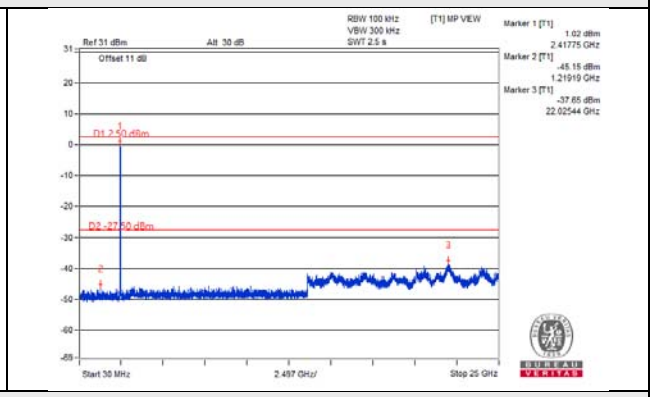
CH 11 Band edge



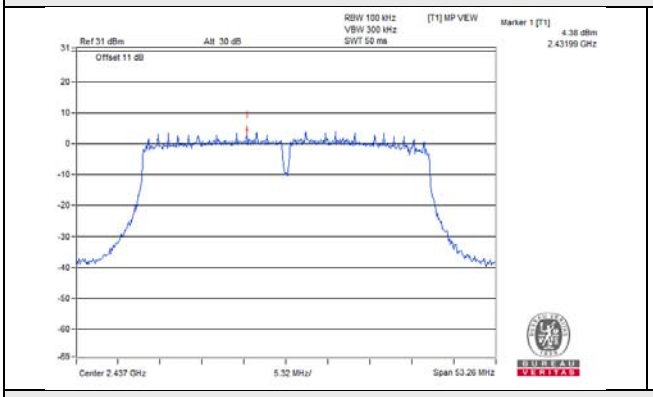
802.11ax (HE40)_Chain 0

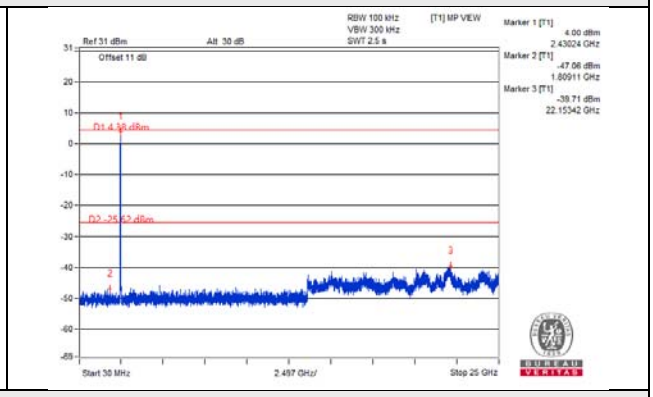
CH 3



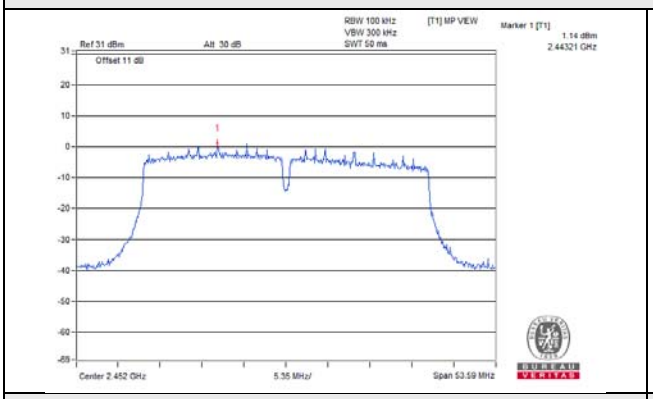


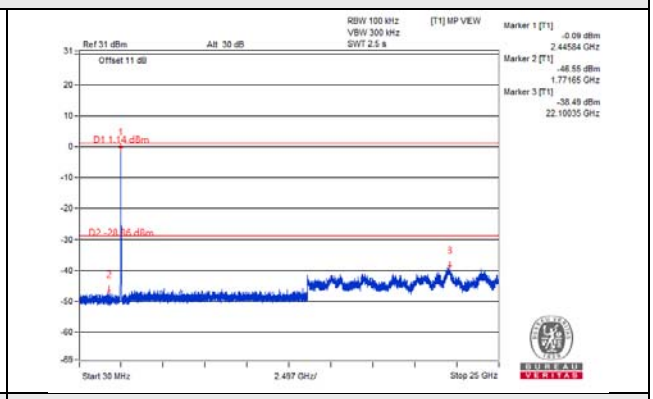
CH 6



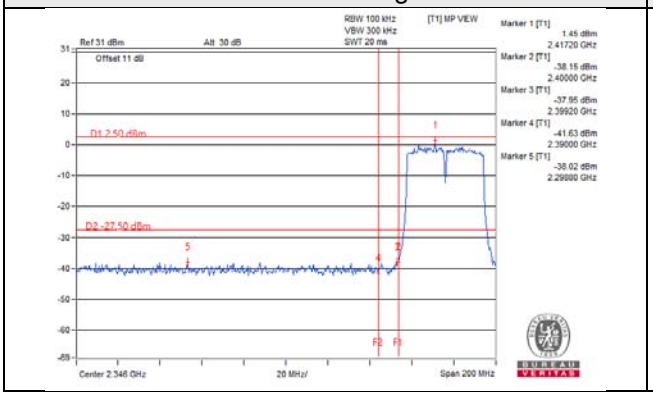


CH 9

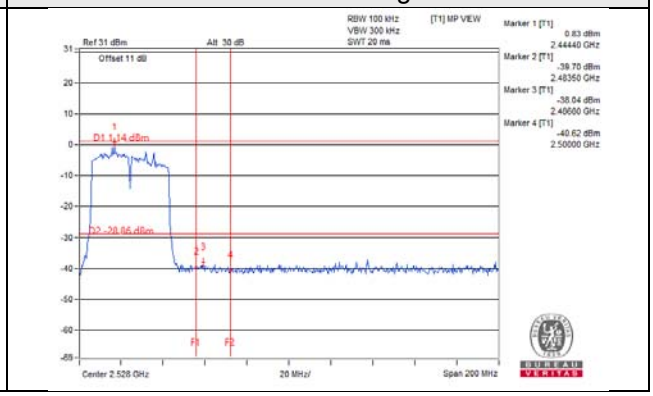




CH 3 Band edge

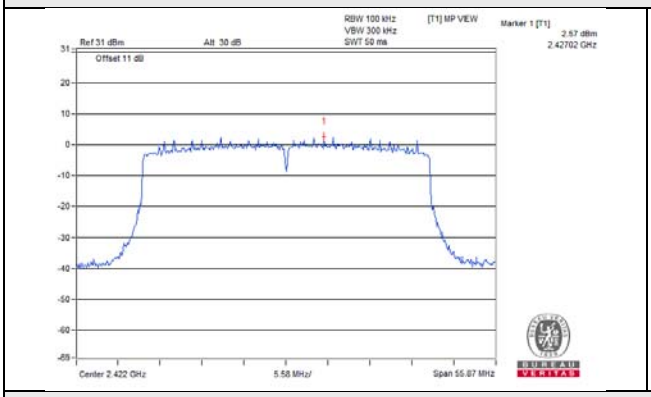


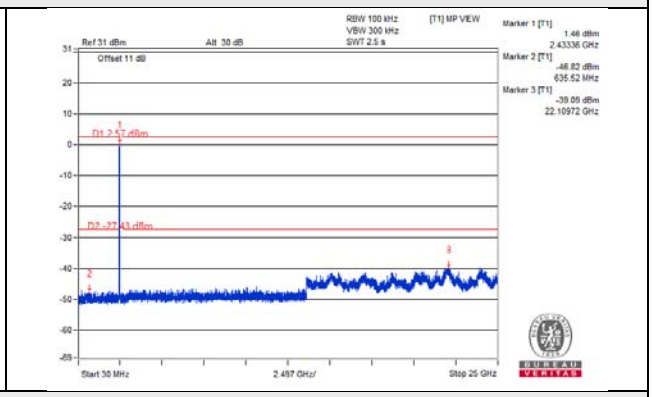
CH 9 Band edge



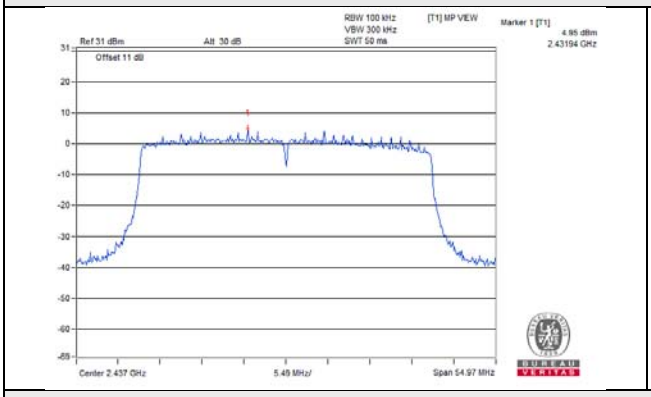
802.11ax (HE40)_Chain 1

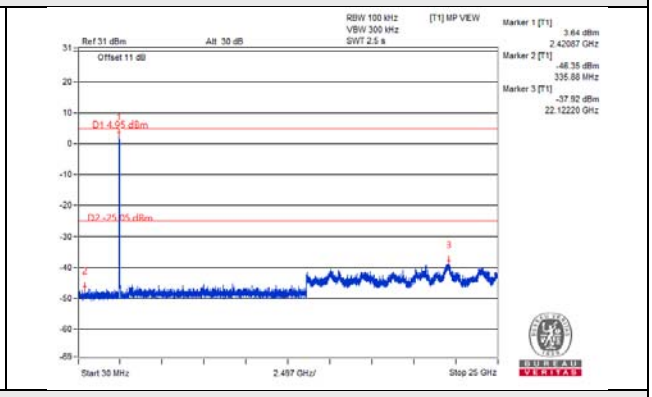
CH 3



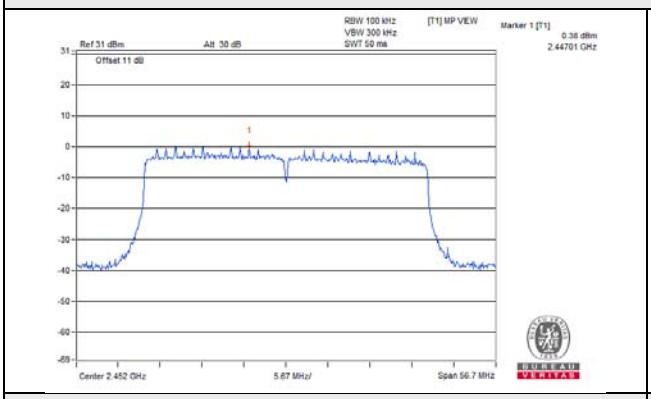


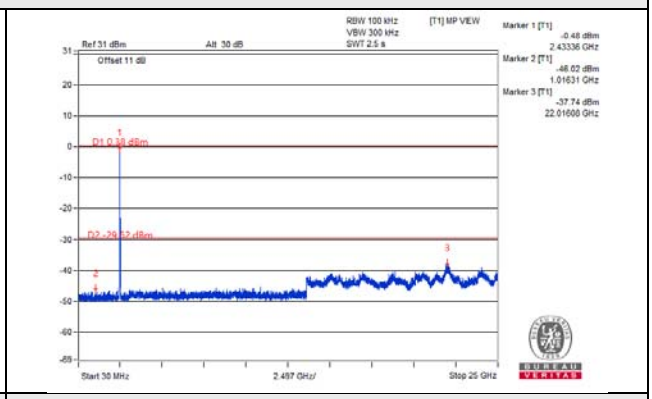
CH 6



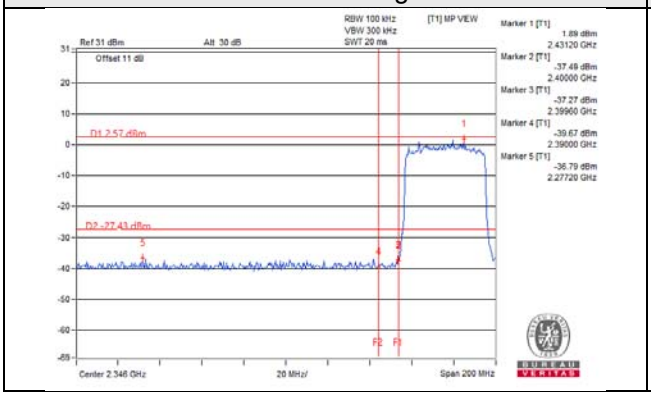


CH 9

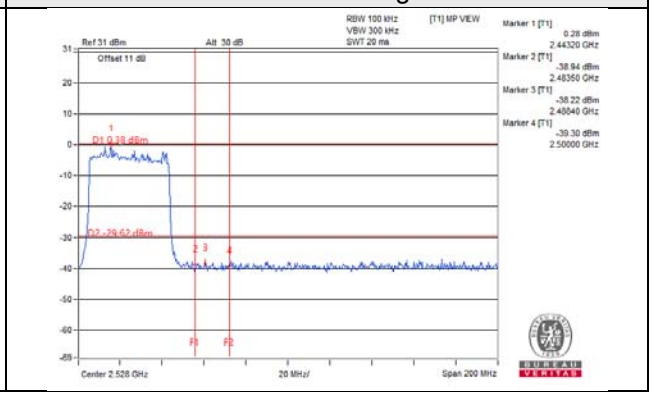




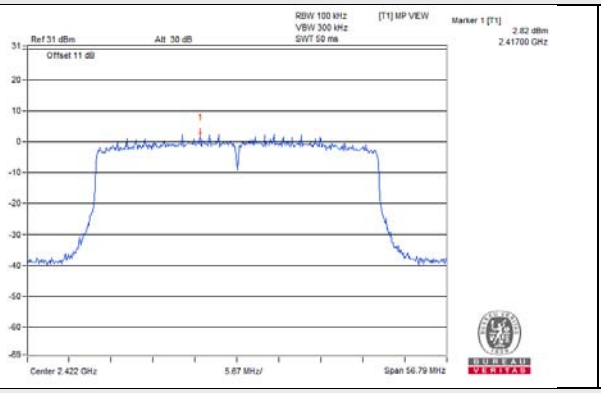
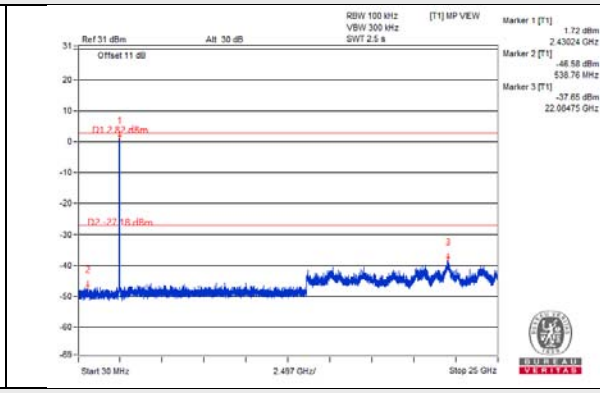
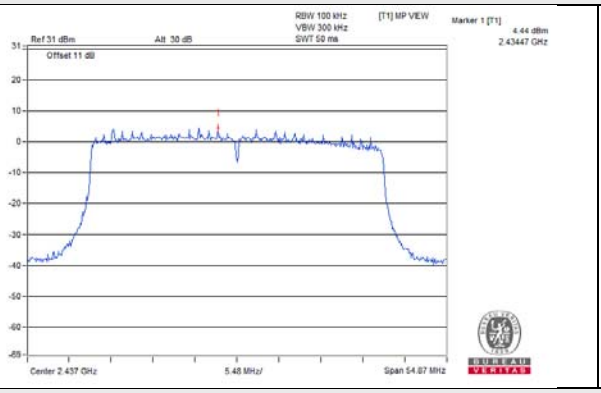
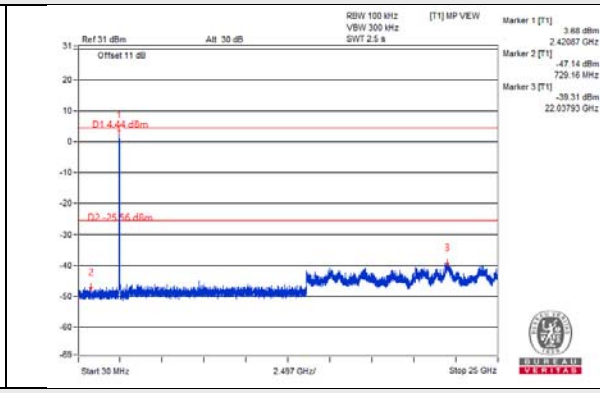
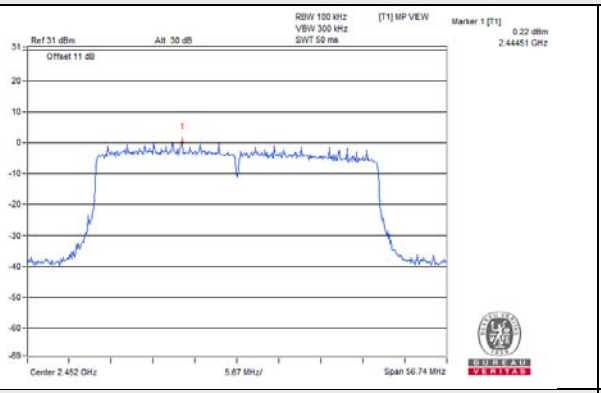
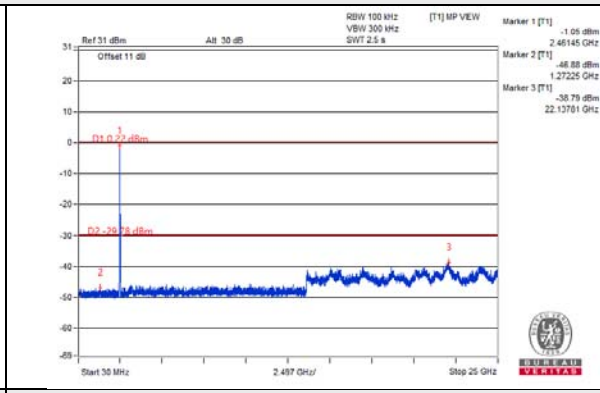
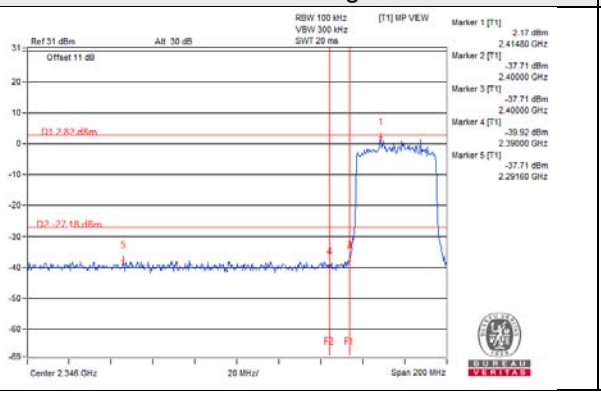
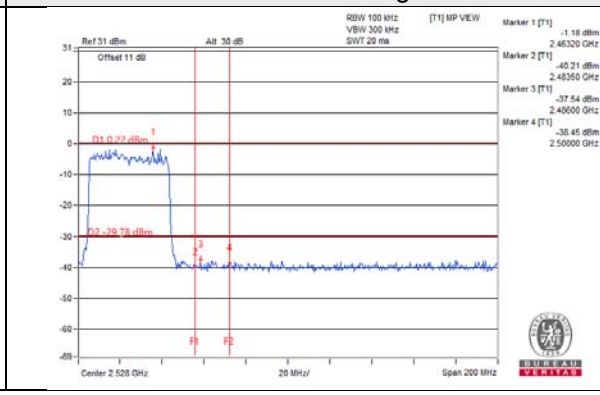
CH 3 Band edge



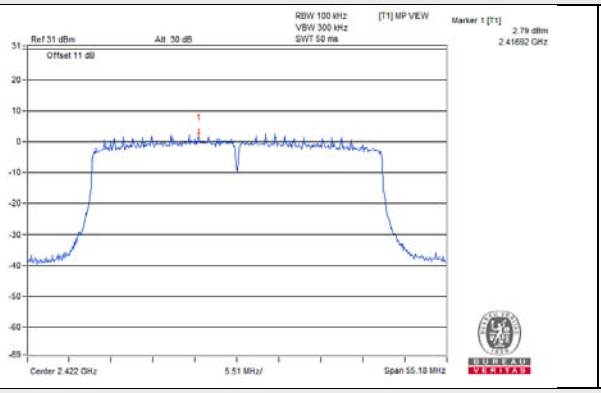
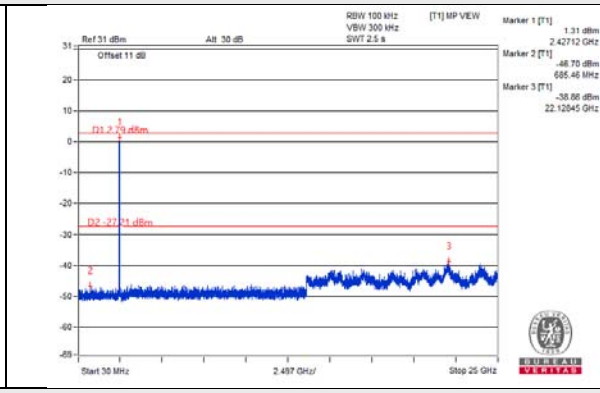
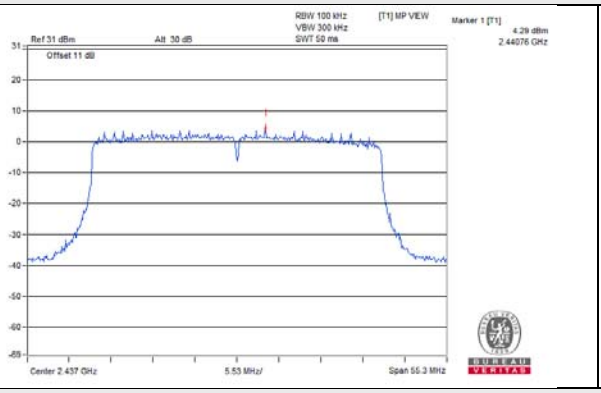
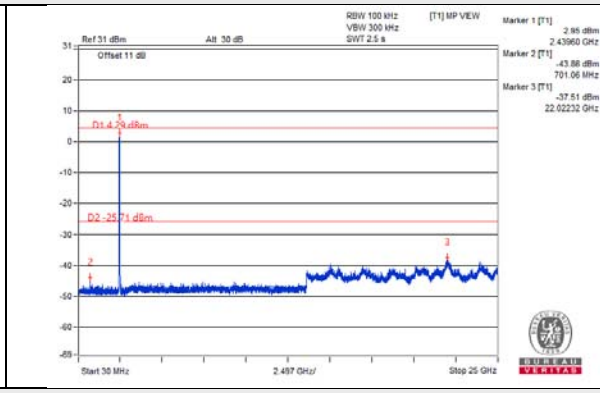
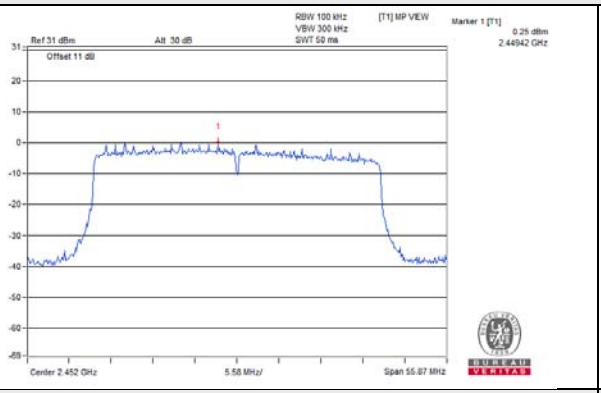
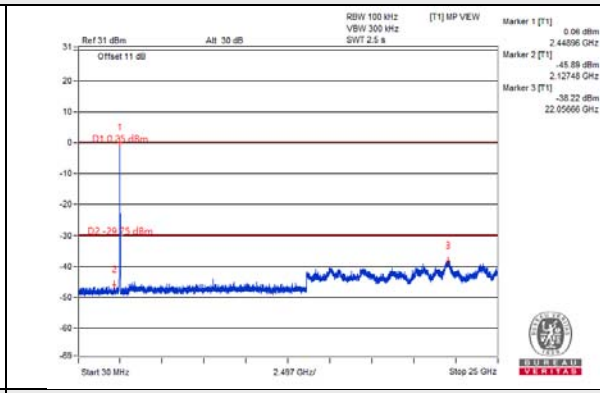
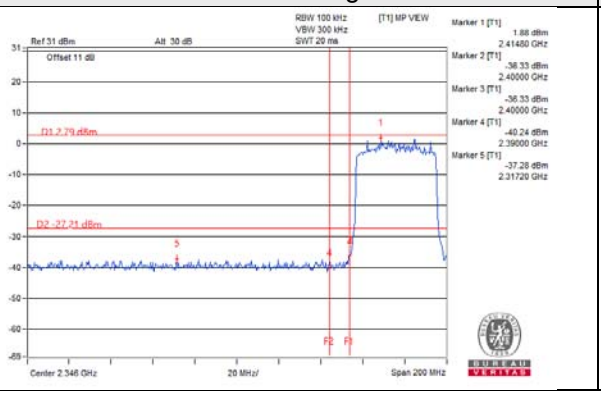
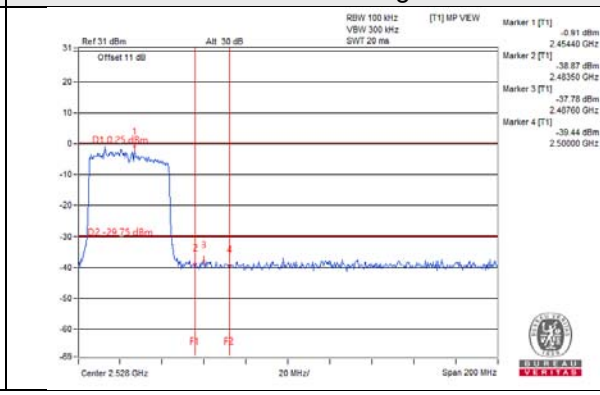
CH 9 Band edge



802.11ax (HE40)_Chain 2

CH 3	
	
CH 6	
	
CH 9	
	
CH 3 Band edge	**CH 9 Band edge**
	

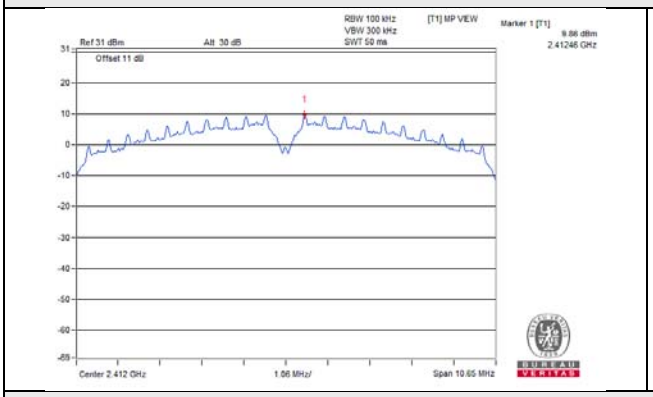
802.11ax (HE40)_Chain 3

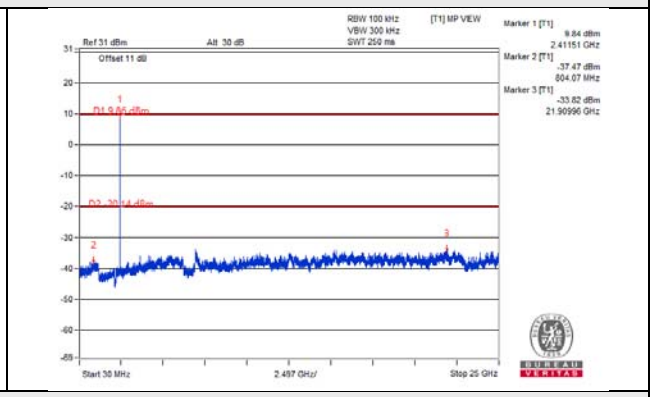
CH 3	
	
CH 6	
	
CH 9	
	
CH 3 Band edge	**CH 9 Band edge**
	

Scanning radio:

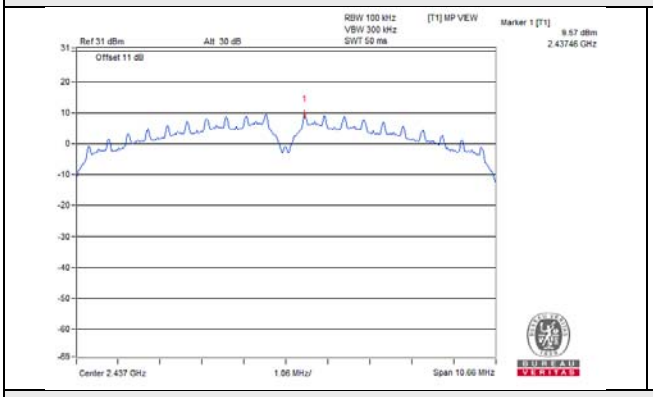
802.11b

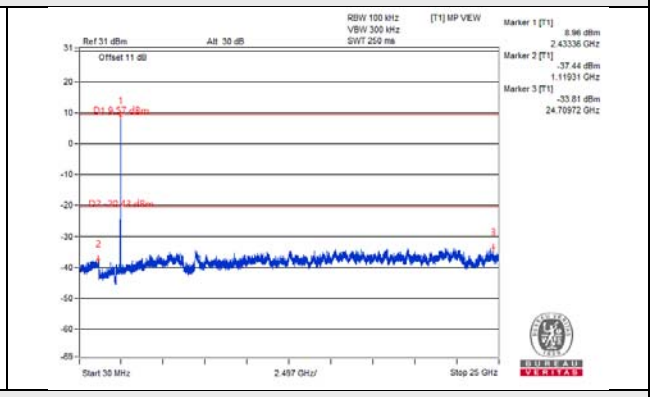
CH 1



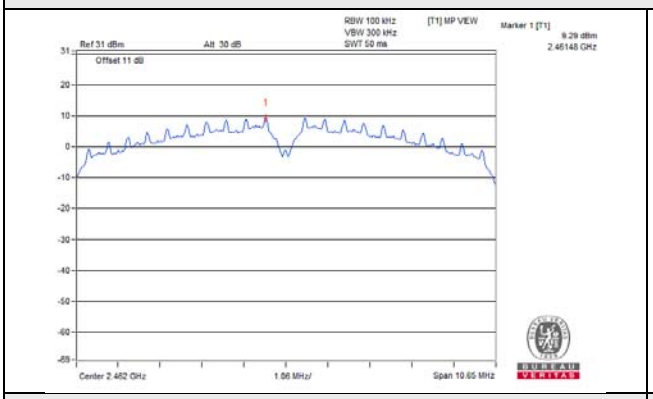


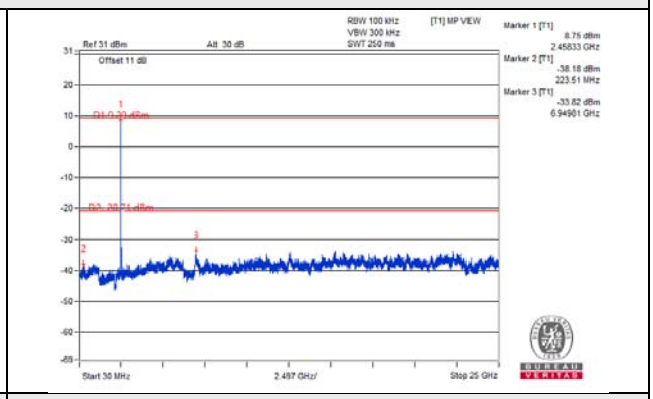
CH 6



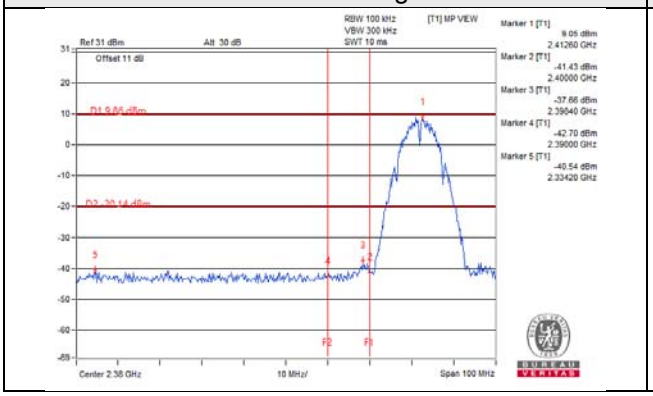


CH 11

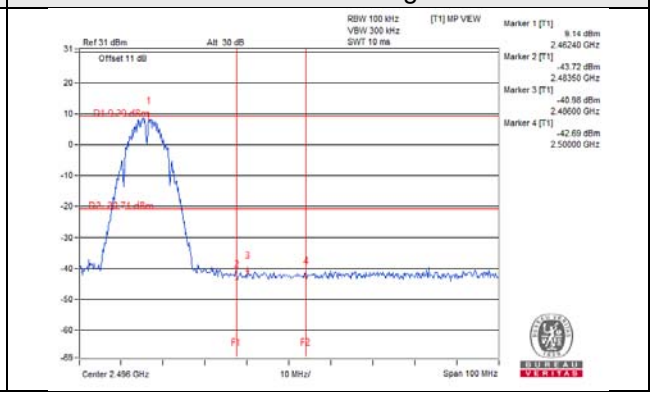




CH 1 Band edge

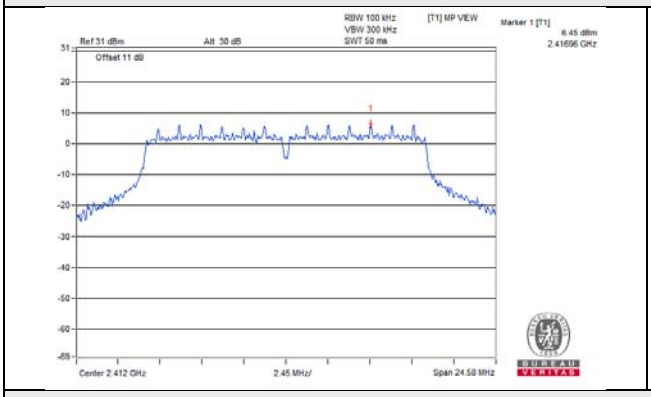


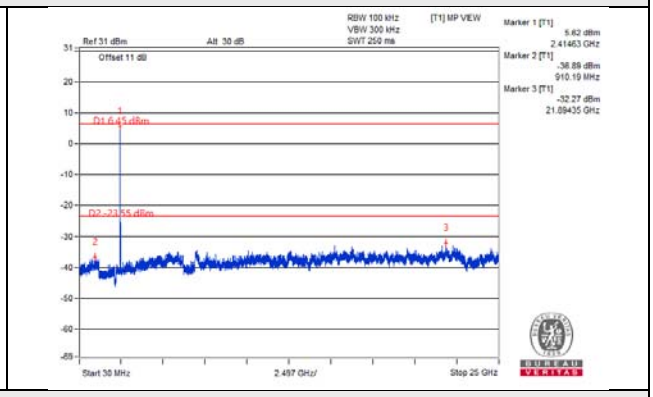
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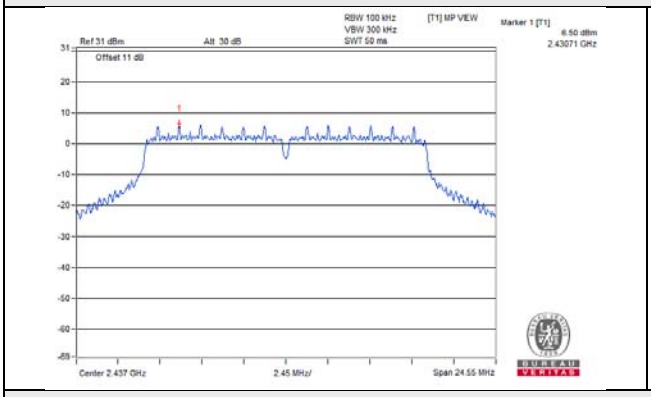
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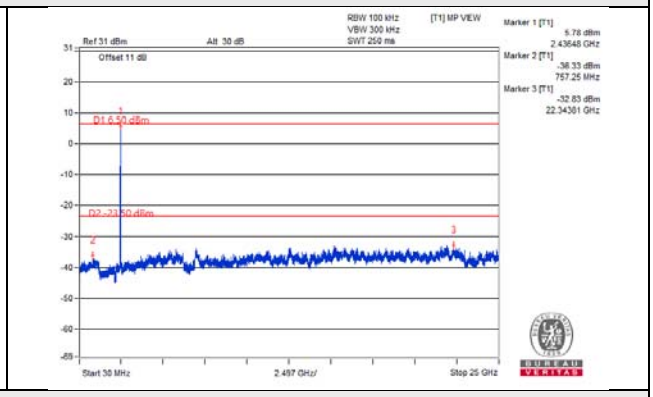
CH 1



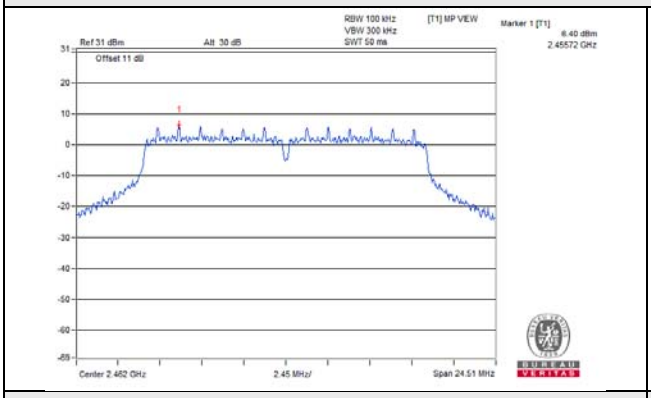


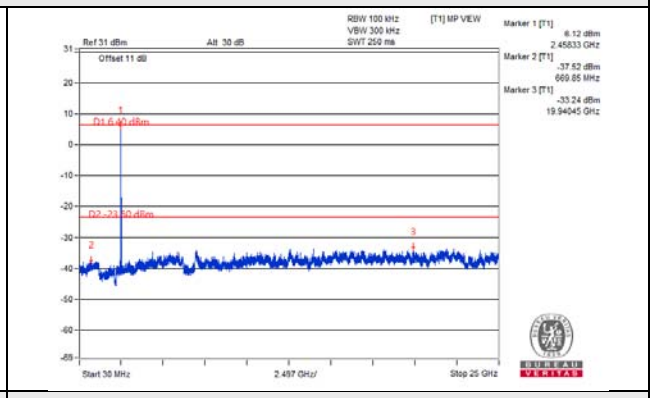
CH 6



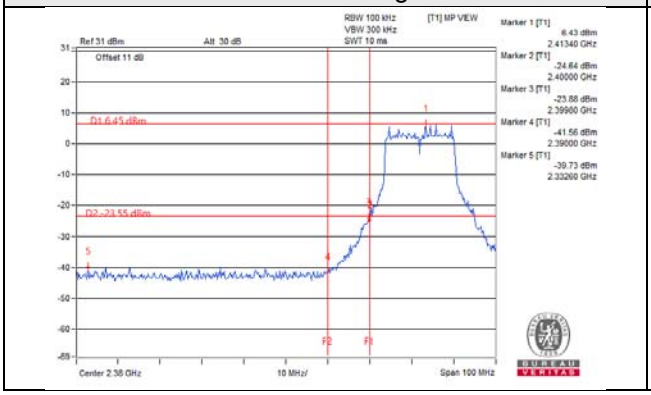


CH 11

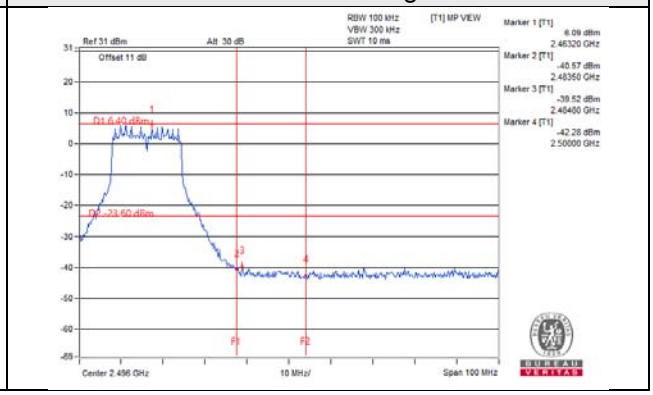




CH 1 Band edge

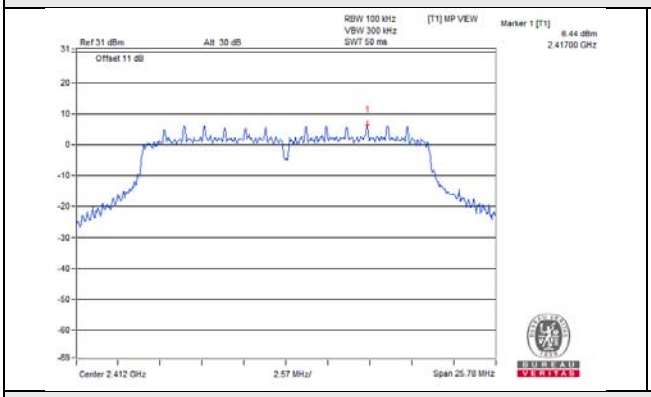


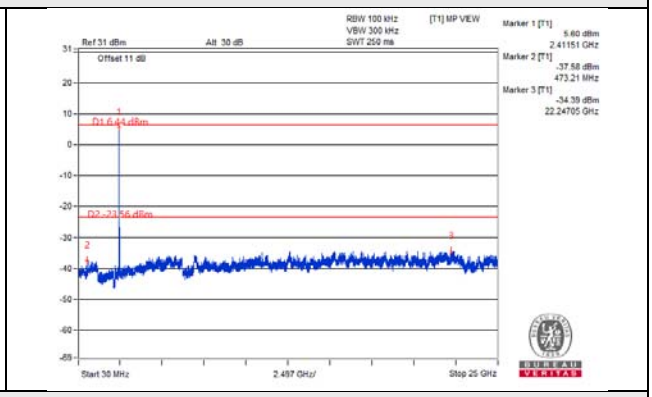
CH 11 Band edge



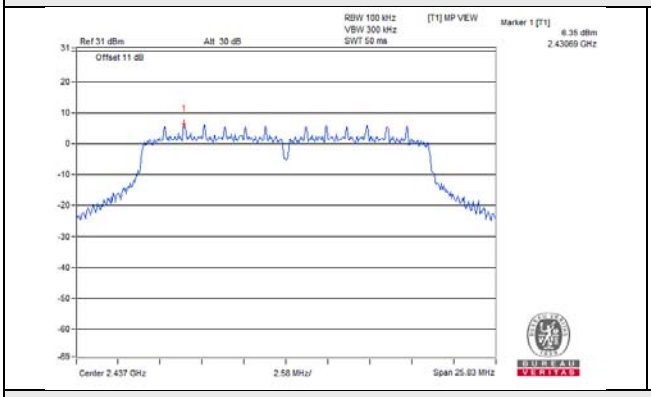
802.11n (HT20)

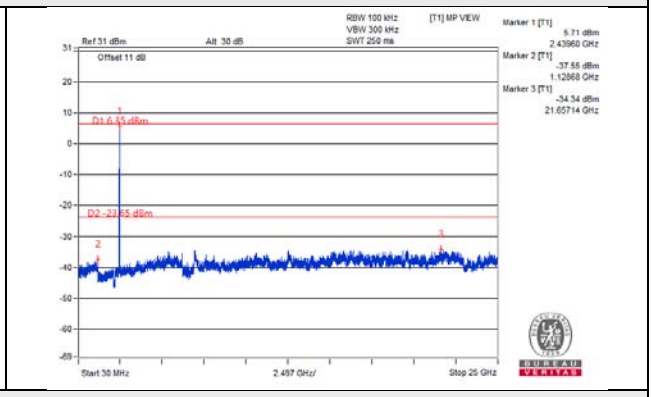
CH 1



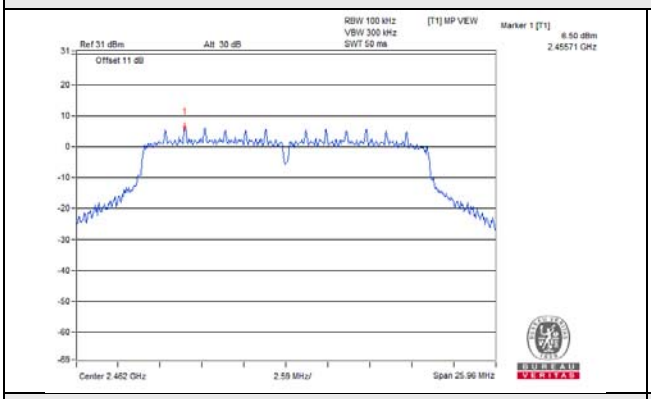


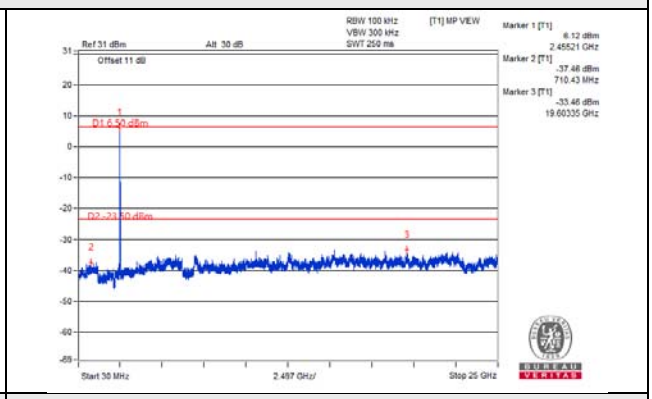
CH 6



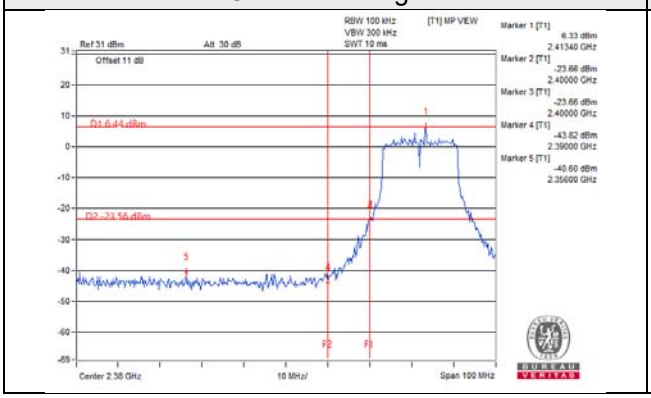


CH 11

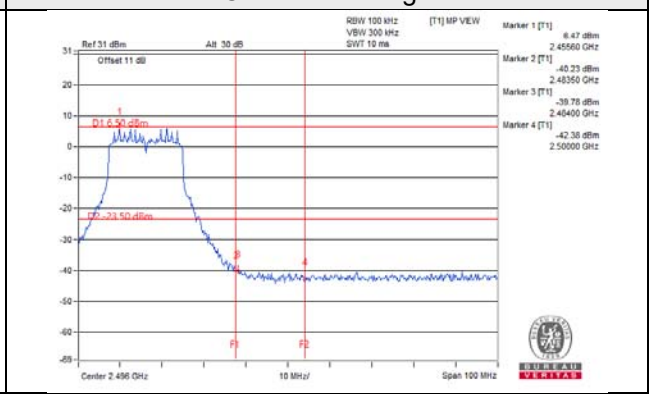




CH 1 Band edge

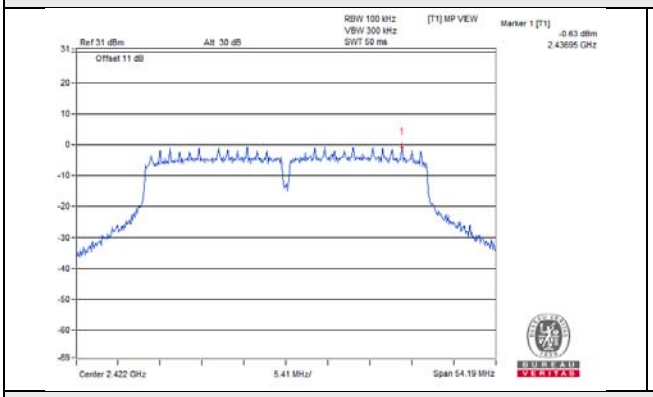


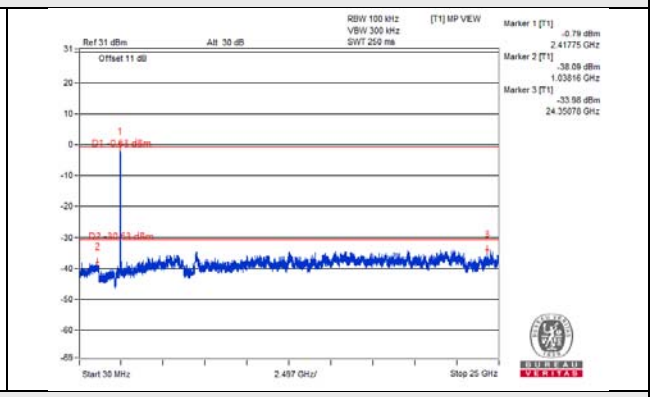
CH 11 Band edge



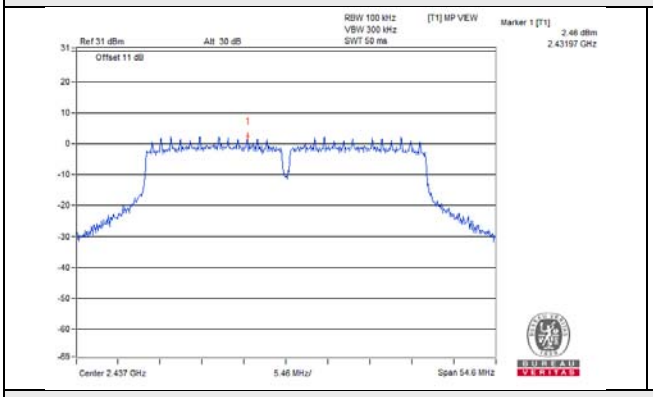
802.11n (HT40)

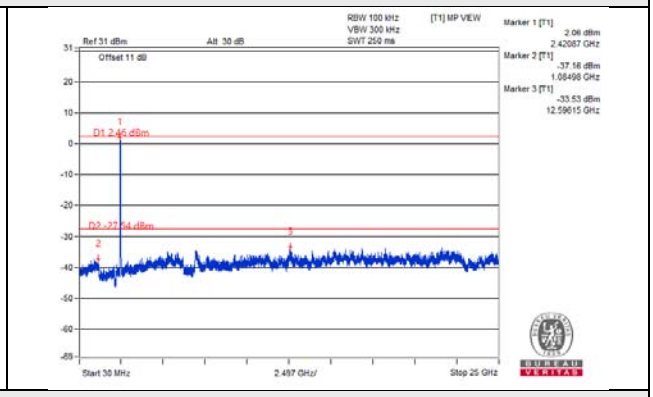
CH 3



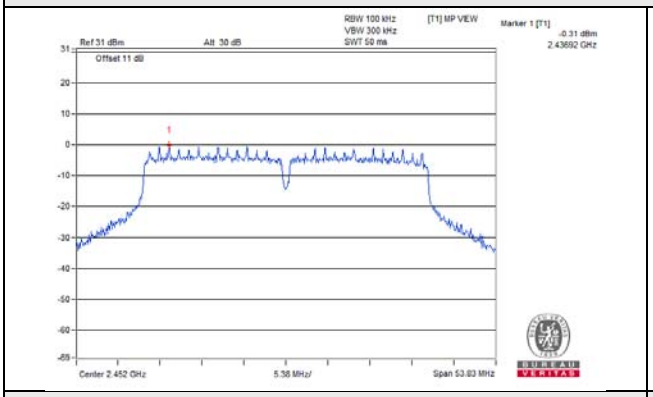


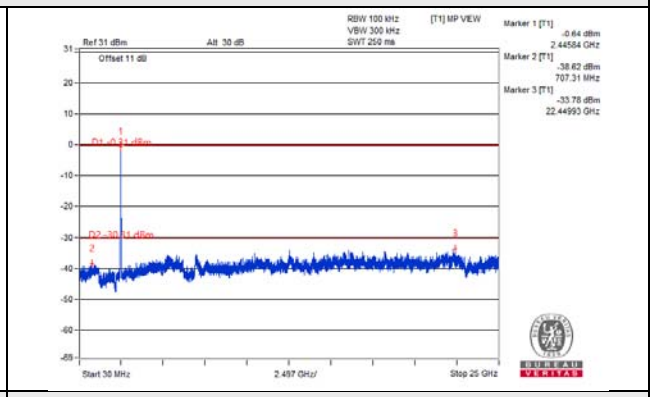
CH 6



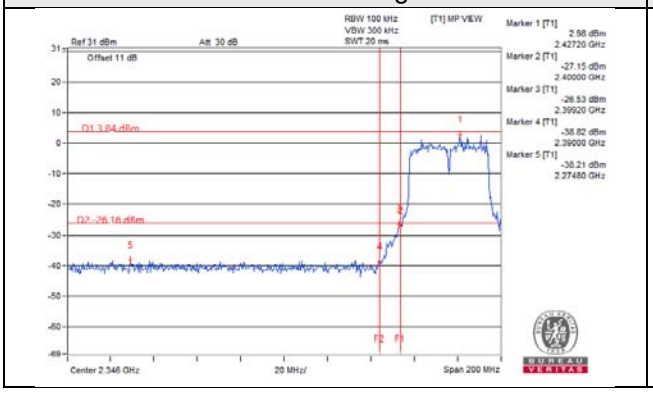


CH 9

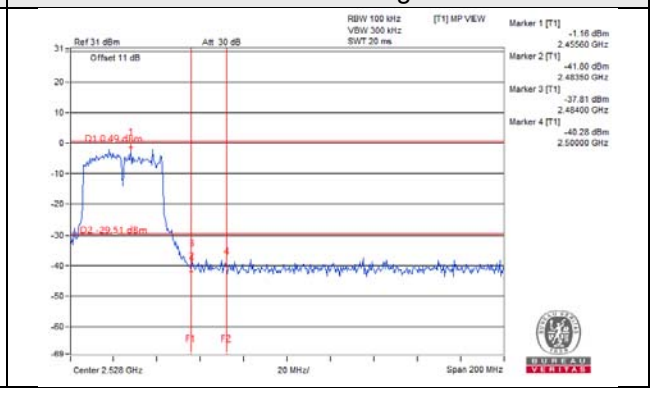




CH 3 Band edge



CH 9 Band edge



4.10 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

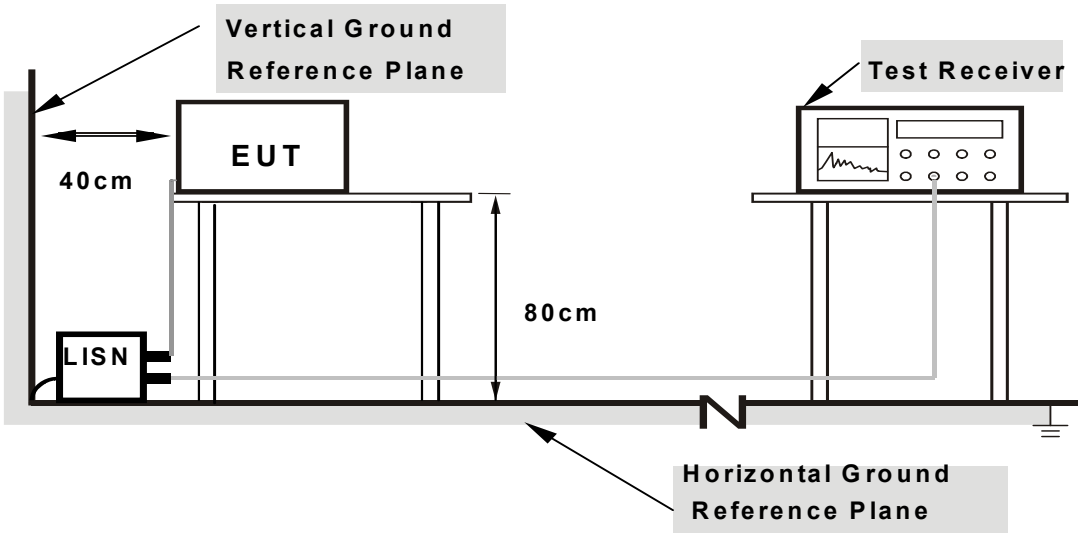
將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由0.15MHz至30MHz之間之電源線傳導放射強度。

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	ESR3	102412	Feb. 17, 2020	Feb. 16, 2021
			Jan. 29, 2021	Jan. 28, 2022
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond2-01	Sep. 04, 2020	Sep. 03, 2021
V-LISN SCHWARZBECK (EUT)	NNBL 8226-2	8226-142	Jul. 31, 2020	Jul. 30, 2021
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100312	Aug. 18, 2020	Aug. 17, 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 2 (Conduction 2).
3. The VCCI Site Registration No. is C-12047.
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:

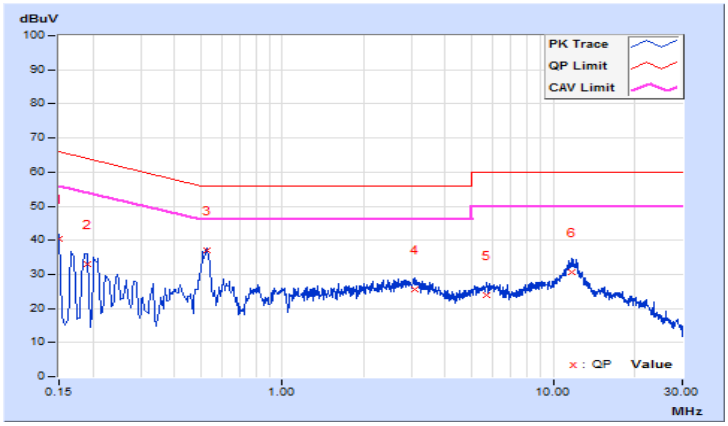
802.11ax (HE20)

操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 11：2462 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	0.08	40.39	28.54	40.47	28.62	66.00	56.00	-25.53	-27.38
0.19000	0.10	32.86	19.39	32.96	19.49	64.04	54.04	-31.08	-34.55
0.52984	0.13	36.79	32.55	36.92	32.68	56.00	46.00	-19.08	-13.32
3.07000	0.22	25.25	20.02	25.47	20.24	56.00	46.00	-30.53	-25.76
5.69400	0.27	23.67	18.09	23.94	18.36	60.00	50.00	-36.06	-31.64
11.69800	0.35	30.24	25.16	30.59	25.51	60.00	50.00	-29.41	-24.49

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

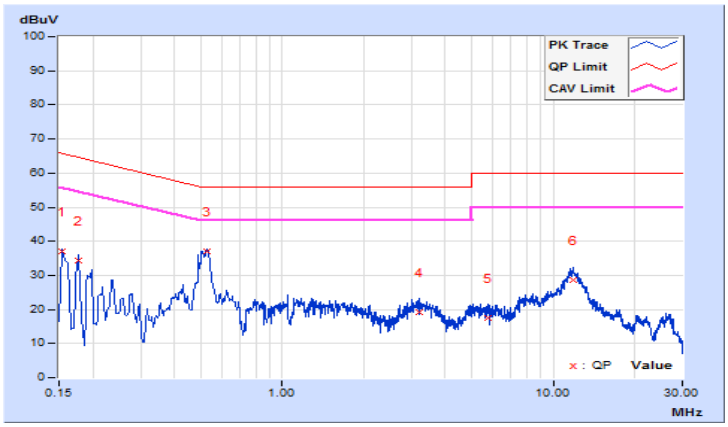


操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 11：2462 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15400	0.07	36.90	26.52	36.97	26.59	65.78	55.78	-28.81	-29.19
0.17800	0.08	34.10	21.49	34.18	21.57	64.58	54.58	-30.40	-33.01
0.52600	0.11	36.95	32.28	37.06	32.39	56.00	46.00	-18.94	-13.61
3.19800	0.22	19.08	12.84	19.30	13.06	56.00	46.00	-36.70	-32.94
5.75000	0.28	17.15	10.52	17.43	10.80	60.00	50.00	-42.57	-39.20
11.84600	0.42	28.20	22.81	28.62	23.23	60.00	50.00	-31.38	-26.77

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

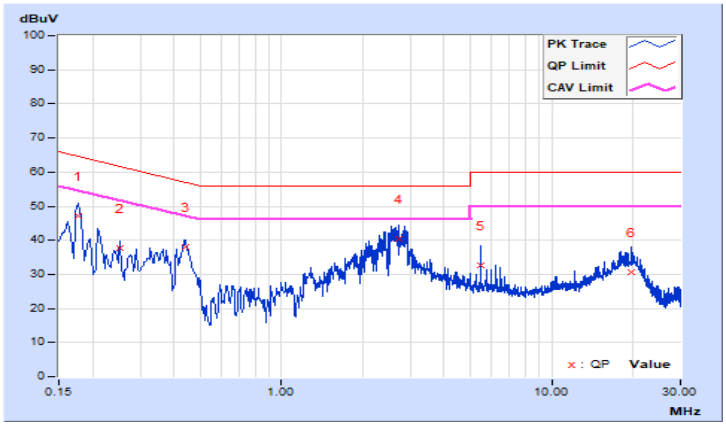


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 11：2462 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.17737	10.07	37.03	21.56	47.10	31.63	64.61	54.61	-17.51	-22.98
0.25166	10.08	27.65	16.80	37.73	26.88	61.70	51.70	-23.97	-24.82
0.43924	10.09	27.89	22.53	37.98	32.62	57.08	47.08	-19.10	-14.46
2.70323	10.18	30.21	19.75	40.39	29.93	56.00	46.00	-15.61	-16.07
5.49106	10.24	22.30	18.23	32.54	28.47	60.00	50.00	-27.46	-21.53
19.84076	10.45	20.03	13.09	30.48	23.54	60.00	50.00	-29.52	-26.46

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

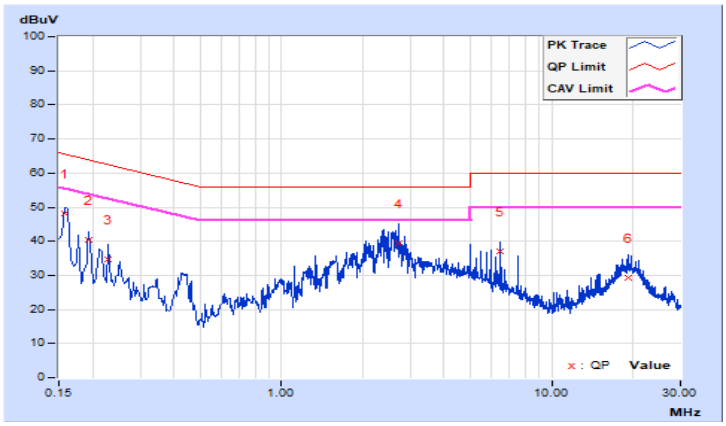


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 11：2462 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15782	10.08	37.94	23.88	48.02	33.96	65.58	55.58	-17.56	-21.62
0.19301	10.08	30.27	15.92	40.35	26.00	63.91	53.91	-23.56	-27.91
0.22820	10.08	24.55	14.77	34.63	24.85	62.51	52.51	-27.88	-27.66
2.70714	10.20	29.35	19.55	39.55	29.75	56.00	46.00	-16.45	-16.25
6.48420	10.32	26.56	21.79	36.88	32.11	60.00	50.00	-23.12	-17.89
19.17997	10.63	18.55	11.60	29.18	22.23	60.00	50.00	-30.82	-27.77

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.



Scanning radio:

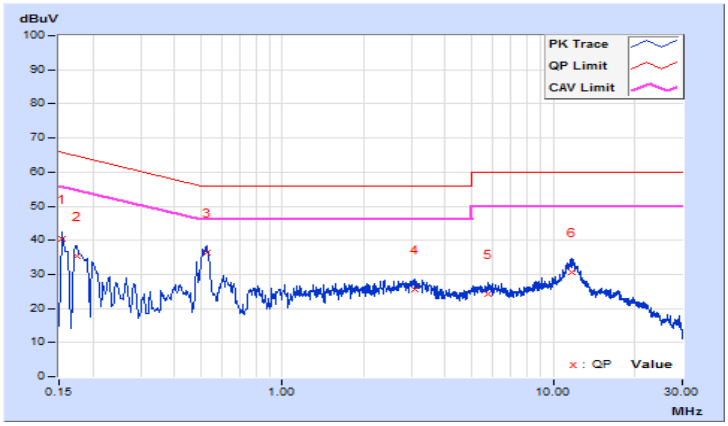
802.11n (HT40)

操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 9：2452 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15400	0.08	40.38	27.68	40.46	27.76	65.78	55.78	-25.32	-28.02
0.17384	0.09	35.13	22.89	35.22	22.98	64.77	54.77	-29.55	-31.79
0.52567	0.13	36.32	31.31	36.45	31.44	56.00	46.00	-19.55	-14.56
3.09400	0.22	25.37	19.90	25.59	20.12	56.00	46.00	-30.41	-25.88
5.72600	0.27	23.85	18.13	24.12	18.40	60.00	50.00	-35.88	-31.60
11.74600	0.35	30.39	25.13	30.74	25.48	60.00	50.00	-29.26	-24.52

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

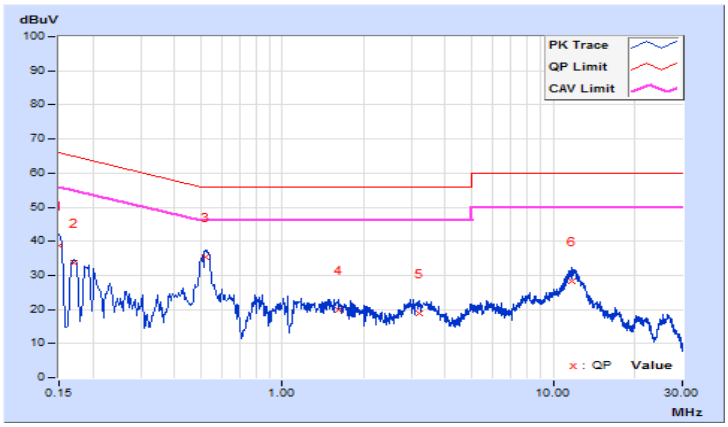


操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 9：2452 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	0.07	38.60	26.80	38.67	26.87	66.00	56.00	-27.33	-29.13
0.16977	0.07	33.65	20.62	33.72	20.69	64.97	54.97	-31.25	-34.28
0.51800	0.11	35.08	28.09	35.19	28.20	56.00	46.00	-20.81	-17.80
1.61000	0.16	19.60	13.44	19.76	13.60	56.00	46.00	-36.24	-32.40
3.18600	0.22	18.73	12.44	18.95	12.66	56.00	46.00	-37.05	-33.34
11.78200	0.41	27.90	22.56	28.31	22.97	60.00	50.00	-31.69	-27.03

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

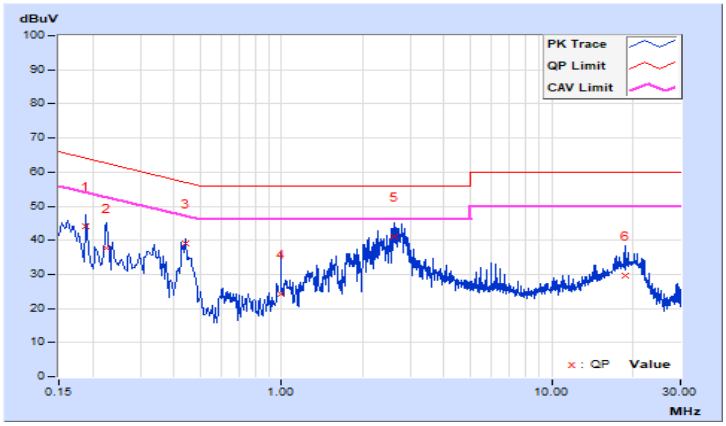


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 9：2452 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.18910	10.08	34.17	19.80	44.25	29.88	64.08	54.08	-19.83	-24.20
0.22429	10.08	27.69	15.76	37.77	25.84	62.66	52.66	-24.89	-26.82
0.44273	10.09	28.85	23.25	38.94	33.34	57.01	47.01	-18.07	-13.67
0.99847	10.14	14.22	9.31	24.36	19.45	56.00	46.00	-31.64	-26.55
2.62503	10.18	30.75	20.52	40.93	30.70	56.00	46.00	-15.07	-15.30
18.77333	10.43	19.25	12.38	29.68	22.81	60.00	50.00	-30.32	-27.19

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

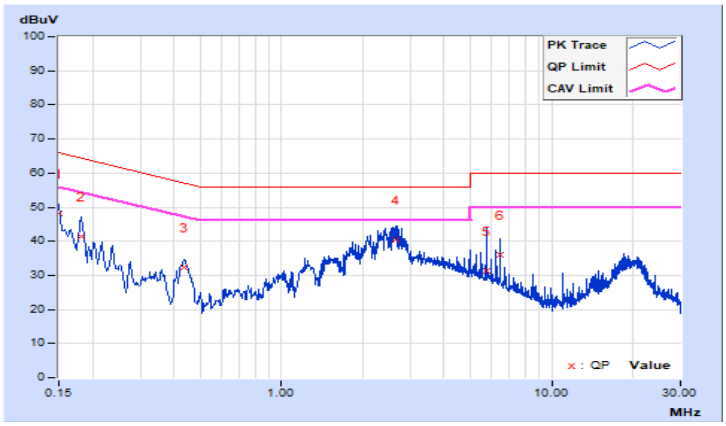


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 9：2452 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	10.08	38.09	25.81	48.17	35.89	66.00	56.00	-17.83	-20.11
0.18122	10.08	31.18	18.53	41.26	28.61	64.43	54.43	-23.17	-25.82
0.43543	10.10	22.39	15.10	32.49	25.20	57.15	47.15	-24.66	-21.95
2.65240	10.20	30.06	20.46	40.26	30.66	56.00	46.00	-15.74	-15.34
5.74130	10.30	21.15	10.93	31.45	21.23	60.00	50.00	-28.55	-28.77
6.48029	10.32	25.56	20.78	35.88	31.10	60.00	50.00	-24.12	-18.90

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.



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：BDYS-WTW-P21020556_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

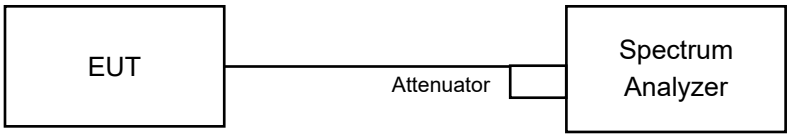
a) 將待測物輸出經由衰減器接到頻譜分析儀上。
b) 設定待測物處於連續發射狀態。
c) 計算由最大輸出功率峰值減6dB的最大頻率範圍。

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 R&S	FSP40	100269	Jun. 09, 2020	Jun. 08, 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	109 年 12 月 17 日~ 110 年 02 月 02 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	曾健瑋		

2G traffic radio:

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	8.08	7.53	8.09	7.59	0.50	Pass
6	2437	7.60	7.58	8.07	7.58	0.50	Pass
11	2462	8.09	8.09	8.10	7.59	0.50	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	16.38	16.32	16.36	16.33	0.50	Pass
6	2437	16.36	16.14	16.09	16.37	0.50	Pass
11	2462	16.39	16.37	16.37	16.38	0.50	Pass

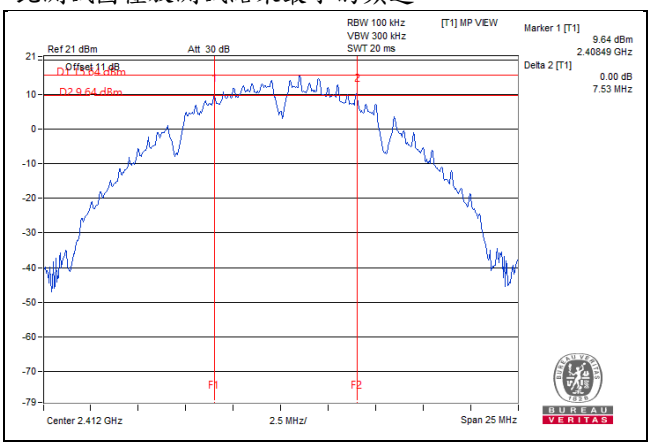
802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	17.58	18.89	18.70	18.76	0.50	Pass
6	2437	17.32	18.86	18.91	18.96	0.50	Pass
11	2462	18.90	18.87	18.94	18.88	0.50	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
3	2422	36.41	37.25	37.86	36.79	0.50	Pass
6	2437	35.51	36.65	36.58	36.87	0.50	Pass
9	2452	36.76	37.44	37.67	37.89	0.50	Pass

*此測試圖僅放測試結果最小的頻道。



Scanning radio:

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	7.10	0.50	Pass
6	2437	7.11	0.50	Pass
11	2462	7.10	0.50	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	16.39	0.50	Pass
6	2437	16.37	0.50	Pass
11	2462	16.34	0.50	Pass

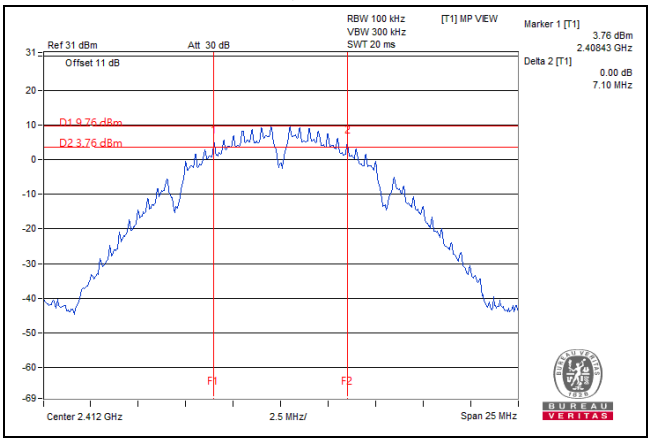
802.11n (HT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	17.19	0.50	Pass
6	2437	17.22	0.50	Pass
11	2462	17.31	0.50	Pass

802.11n (HT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
3	2422	36.13	0.50	Pass
6	2437	36.40	0.50	Pass
9	2452	35.89	0.50	Pass

*此測試圖僅放測試結果最小的頻道。



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 輸出峰值功率之量測

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

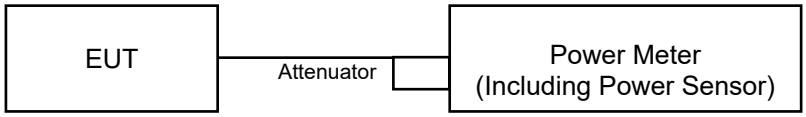
a) 將待測物輸出經由衰減器接到Power Meter上(Average Detector with Gating Function)。
b) 設定待測物處於連續發射狀態。

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.
3. Measurement Bandwidth of U2021XA is 160MHz greater than 6dB bandwidth of emission.

7.4 測試配置



7.5 量測結果

操作模式	發射	測試日期	109 年 12 月 17 日~ 110 年 02 月 02 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	曾健瑋		

2G traffic radio:

CDD Mode

802.11b

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	23.32	23.39	23.08	22.58	817.426	29.12	30	Pass
6	2437	23.14	22.87	23.30	22.65	797.579	29.02	30	Pass
11	2462	21.62	21.65	21.53	21.27	567.629	27.54	30	Pass

802.11g

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	19.45	19.85	19.82	19.09	361.746	25.58	30	Pass
6	2437	22.87	22.81	22.76	22.22	740.151	28.69	30	Pass
11	2462	17.92	18.02	17.88	17.92	248.651	23.96	30	Pass

802.11n (HT20)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	17.91	18.21	18.78	18.31	271.297	24.33	30	Pass
6	2437	21.79	21.86	22.80	22.31	665.232	28.23	30	Pass
11	2462	15.66	15.72	15.69	15.69	148.274	21.71	30	Pass

802.11n (HT40)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.90	16.60	16.63	16.11	171.471	22.34	30	Pass
6	2437	17.91	17.98	17.98	17.53	244.037	23.87	30	Pass
9	2452	16.01	16.11	16.12	16.08	162.211	22.10	30	Pass

802.11ac (VHT20)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	18.08	18.43	18.87	18.49	281.654	24.50	30	Pass
6	2437	21.96	21.98	22.83	22.45	682.457	28.34	30	Pass
11	2462	15.82	15.81	15.79	15.81	152.339	21.83	30	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	16.01	16.64	16.74	16.15	174.45	22.42	30	Pass
6	2437	18.23	18.13	18.06	17.68	254.128	24.05	30	Pass
9	2452	16.13	16.23	16.28	16.19	167.049	22.23	30	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	18.31	18.63	19.11	18.59	294.457	24.69	30	Pass
6	2437	22.18	22.19	23.05	22.65	716.687	28.55	30	Pass
11	2462	15.92	15.99	15.86	15.89	156.166	21.94	30	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	16.23	16.85	16.92	16.37	182.948	22.62	30	Pass
6	2437	18.33	18.25	18.19	17.91	262.63	24.19	30	Pass
9	2452	16.35	16.43	16.39	16.38	174.108	22.41	30	Pass

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	Chain 2	Chain 3				
1	2412	16.84	17.07	16.79	16.66	193.337	22.86	24.48	Pass
6	2437	18.06	18.25	18.18	18.80	272.431	24.35	24.48	Pass
11	2462	15.09	15.15	15.34	15.60	135.525	21.32	24.48	Pass

Note: Directional gain = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power limit shall be reduced to 30-(11.52-6) = 24.48 dBm.

802.11ac (VHT40)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	16.14	16.64	16.36	16.25	172.668	22.37	24.48	Pass
6	2437	16.40	16.63	16.64	16.75	183.124	22.63	24.48	Pass
9	2452	14.14	14.01	13.83	13.80	99.262	19.97	24.48	Pass

Note: Directional gain = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power limit shall be reduced to 30-(11.52-6) = 24.48 dBm.

802.11ax (HE20)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	17.05	17.18	17.02	16.91	202.38	23.06	24.48	Pass
6	2437	18.21	18.50	18.35	18.48	275.877	24.41	24.48	Pass
11	2462	15.19	15.12	15.46	15.72	138.027	21.40	24.48	Pass

Note: Directional gain = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power limit shall be reduced to 30-(11.52-6) = 24.48 dBm.

802.11ax (HE40)

Channel	Frequency (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	16.33	16.84	16.53	16.38	179.689	22.55	24.48	Pass
6	2437	16.53	16.83	16.85	16.99	191.593	22.82	24.48	Pass
9	2452	13.82	13.03	13.99	13.66	92.478	19.66	24.48	Pass

Note: Directional gain = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power limit shall be reduced to 30-(11.52-6) = 24.48 dBm.

Scanning radio:

802.11b

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
1	2412	74.817	18.74	30.00	Pass
6	2437	70.632	18.49	30.00	Pass
11	2462	66.681	18.24	30.00	Pass

802.11g

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
1	2412	70.632	18.49	30.00	Pass
6	2437	64.863	18.12	30.00	Pass
11	2462	64.417	18.09	30.00	Pass

802.11n (HT20)

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
1	2412	66.834	18.25	30.00	Pass
6	2437	63.973	18.06	30.00	Pass
11	2462	63.387	18.02	30.00	Pass

802.11n (HT40)

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
3	2422	27.733	14.43	30.00	Pass
6	2437	59.293	17.73	30.00	Pass
9	2452	28.379	14.53	30.00	Pass

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(I)的規定。

8.2 量測方法

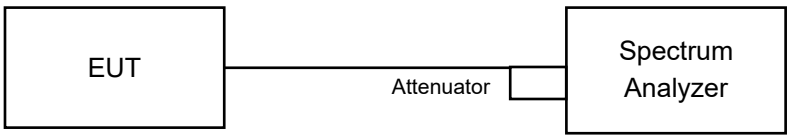
a) 將待測物之天線埠連接至測試儀器。
b) 設定解析頻寬為 3kHz，視訊頻寬為 10kHz，掃描時間設為自動，直至掃描信號穩定。
c) 使用峰值功能鍵，並找到最大的峰值準位。

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 R&S	FSP40	100269	Jun. 09, 2020	Jun. 08, 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	109 年 12 月 17 日~ 110 年 02 月 02 日
量測場地溫度	25℃	量測場地濕度	60%RH
測試者	曾健瑋		

2G traffic radio:

802.11b

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-9.9	6.02	0.15	-3.73	2.48	Pass
	6	2437	-9.7	6.02	0.15	-3.53	2.48	Pass
	11	2462	-11.64	6.02	0.15	-5.47	2.48	Pass
1	1	2412	-9.17	6.02	0.15	-3	2.48	Pass
	6	2437	-10.41	6.02	0.15	-4.24	2.48	Pass
	11	2462	-11.6	6.02	0.15	-5.43	2.48	Pass
2	1	2412	-10.34	6.02	0.15	-4.17	2.48	Pass
	6	2437	-11.19	6.02	0.15	-5.02	2.48	Pass
	11	2462	-12.17	6.02	0.15	-6	2.48	Pass
3	1	2412	-10.28	6.02	0.15	-4.11	2.48	Pass
	6	2437	-9.7	6.02	0.15	-3.53	2.48	Pass
	11	2462	-11.64	6.02	0.15	-5.47	2.48	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 = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power density limit shall be reduced to 8-(11.52-6) = 2.48 dBm.
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=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-17.51	6.02	0.33	-11.16	2.48	Pass
	6	2437	-14.15	6.02	0.33	-7.8	2.48	Pass
	11	2462	-19.87	6.02	0.33	-13.52	2.48	Pass
1	1	2412	-17.12	6.02	0.33	-10.77	2.48	Pass
	6	2437	-14.12	6.02	0.33	-7.77	2.48	Pass
	11	2462	-19.65	6.02	0.33	-13.3	2.48	Pass
2	1	2412	-17.77	6.02	0.33	-11.42	2.48	Pass
	6	2437	-14.8	6.02	0.33	-8.45	2.48	Pass
	11	2462	-20.41	6.02	0.33	-14.06	2.48	Pass
3	1	2412	-17.66	6.02	0.33	-11.31	2.48	Pass
	6	2437	-14.15	6.02	0.33	-7.8	2.48	Pass
	11	2462	-19.87	6.02	0.33	-13.52	2.48	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 = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power density limit shall be reduced to 8-(11.52-6) = 2.48 dBm.
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=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-19.98	6.02	0.34	-13.62	2.48	Pass
	6	2437	-16.04	6.02	0.34	-9.68	2.48	Pass
	11	2462	-22.54	6.02	0.34	-16.18	2.48	Pass
1	1	2412	-19.1	6.02	0.34	-12.74	2.48	Pass
	6	2437	-16	6.02	0.34	-9.64	2.48	Pass
	11	2462	-23.27	6.02	0.34	-16.91	2.48	Pass
2	1	2412	-19.61	6.02	0.34	-13.25	2.48	Pass
	6	2437	-15.68	6.02	0.34	-9.32	2.48	Pass
	11	2462	-23.2	6.02	0.34	-16.84	2.48	Pass
3	1	2412	-19.77	6.02	0.34	-13.41	2.48	Pass
	6	2437	-16.04	6.02	0.34	-9.68	2.48	Pass
	11	2462	-22.54	6.02	0.34	-16.18	2.48	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 = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power density limit shall be reduced to 8-(11.52-6) = 2.48 dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

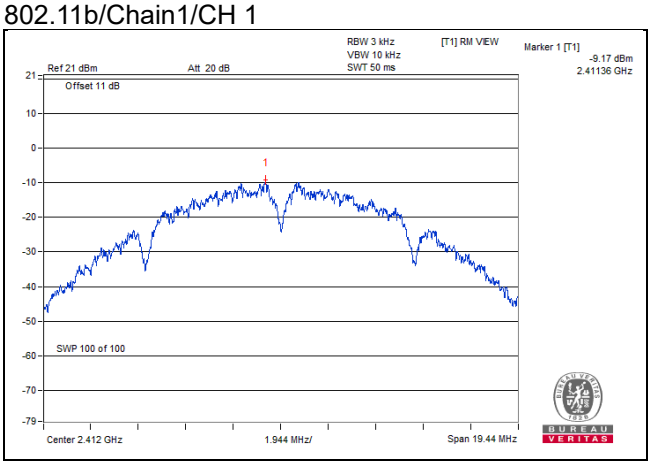
802.11ax (HE40)

TX chain	Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	10 log (N=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
0	3	2422	-24.63	6.02	0.35	-18.26	2.48	Pass
	6	2437	-22.79	6.02	0.35	-16.42	2.48	Pass
	9	2452	-25.49	6.02	0.35	-19.12	2.48	Pass
1	3	2422	-24.32	6.02	0.35	-17.95	2.48	Pass
	6	2437	-23.31	6.02	0.35	-16.94	2.48	Pass
	9	2452	-25.9	6.02	0.35	-19.53	2.48	Pass
2	3	2422	-24.75	6.02	0.35	-18.38	2.48	Pass
	6	2437	-23.04	6.02	0.35	-16.67	2.48	Pass
	9	2452	-25.43	6.02	0.35	-19.06	2.48	Pass
3	3	2422	-24.83	6.02	0.35	-18.46	2.48	Pass
	6	2437	-22.79	6.02	0.35	-16.42	2.48	Pass
	9	2452	-25.49	6.02	0.35	-19.12	2.48	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 = 5.5 dBi + 10log(4) = 11.52 dBi > 6 dBi , so the power density limit shall be reduced to 8-(11.52-6) = 2.48 dBm.
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。

802.11b/Chain1/CH 1



Scanning radio:

802.11b

Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
1	2412	-15.15	8.00	Pass
6	2437	-15.67	8.00	Pass
11	2462	-15.79	8.00	Pass

802.11g

Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
1	2412	-19.62	0.22	-19.40	8.00	Pass
6	2437	-19.68	0.22	-19.46	8.00	Pass
11	2462	-19.81	0.22	-19.59	8.00	Pass

Note: Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT20)

Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
1	2412	-19.09	0.53	-18.56	8.00	Pass
6	2437	-19.96	0.53	-19.43	8.00	Pass
11	2462	-20.45	0.53	-19.92	8.00	Pass

Note: Refer to section 2.1 for duty cycle spectrum plot.

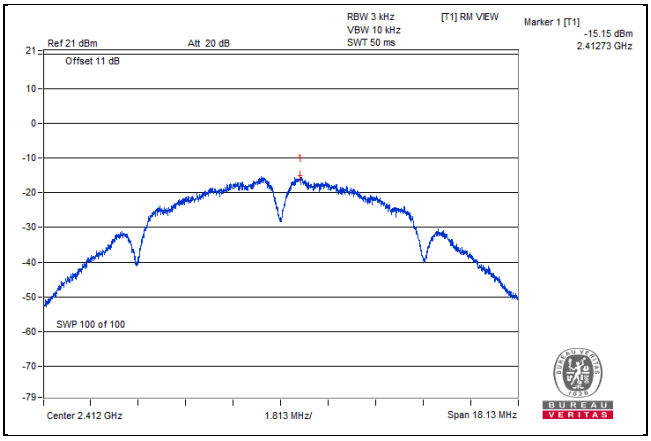
802.11n (HT40)

Channel	Frequency (MHz)	PSD w/o Duty Factor (dBm/3kHz)	Duty Factor (dB)	Total PSD With Duty Factor (dBm/3kHz)	Limit (dBm/3kHz)	Pass / Fail
3	2422	-26.91	0.46	-26.46	8.00	Pass
6	2437	-24.06	0.46	-23.60	8.00	Pass
9	2452	-26.75	0.46	-26.29	8.00	Pass

Note: 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。

802.11b/CH 1



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:

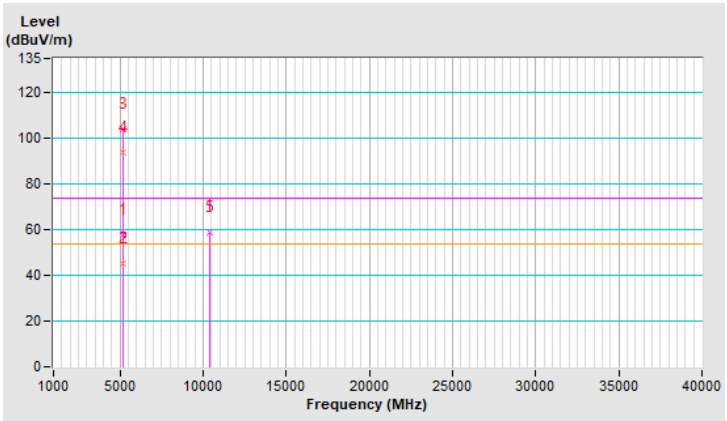
802.11a

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(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 11 月 20 日	測試者：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.6 PK	74.0	-16.4	2.10 H	232	51.1	6.5
2	5150.00	45.4 AV	54.0	-8.6	2.10 H	232	38.9	6.5
3	*5180.00	104.0 PK			2.06 H	229	61.9	42.1
4	*5180.00	93.6 AV			2.06 H	229	51.5	42.1
5	#10360.00	58.7 PK	68.2	-9.5	1.66 H	49	42.1	16.6
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

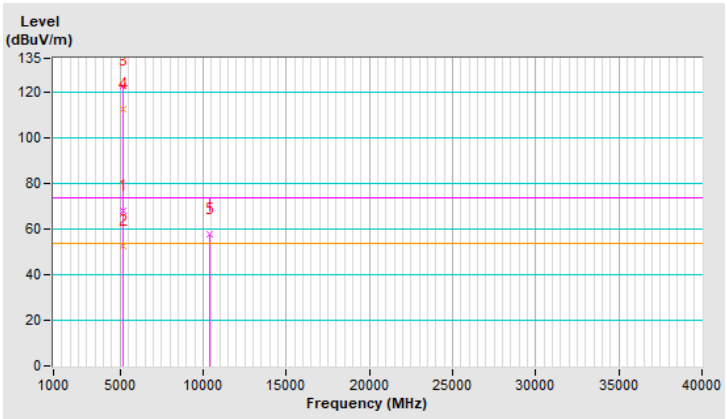


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	68.1 PK	74.0	-5.9	1.65 V	176	61.6	6.5
2	5150.00	52.8 AV	54.0	-1.2	1.65 V	176	46.3	6.5
3	*5180.00	122.9 PK			1.66 V	155	80.8	42.1
4	*5180.00	112.9 AV			1.66 V	155	70.8	42.1
5	#10360.00	57.7 PK	68.2	-10.5	2.06 V	318	41.1	16.6
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

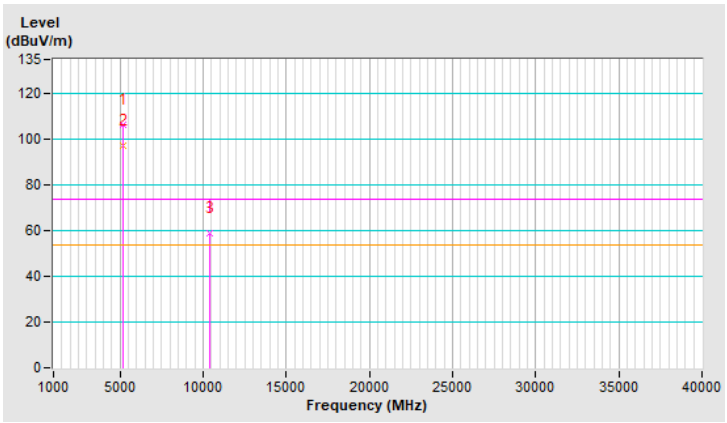


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	106.5 PK			2.10 H	163	64.4	42.1
2	*5200.00	97.0 AV			2.10 H	163	54.9	42.1
3	#10400.00	59.0 PK	68.2	-9.2	2.10 H	163	42.1	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

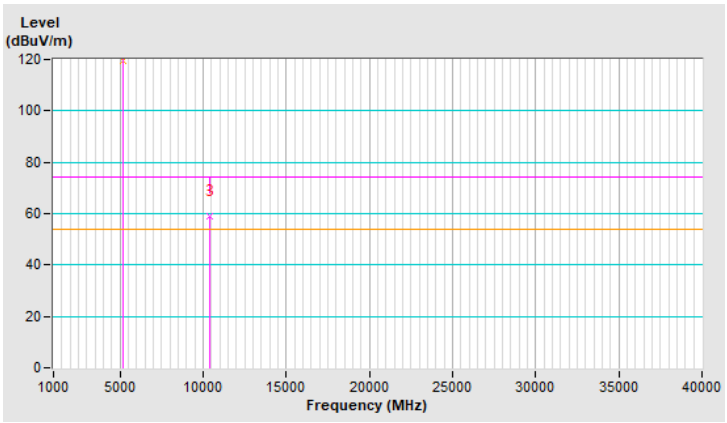


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	129.5 PK			1.85 V	165	87.4	42.1
2	*5200.00	119.3 AV			1.85 V	165	77.2	42.1
3	#10400.00	59.2 PK	68.2	-9.0	2.11 V	323	42.3	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

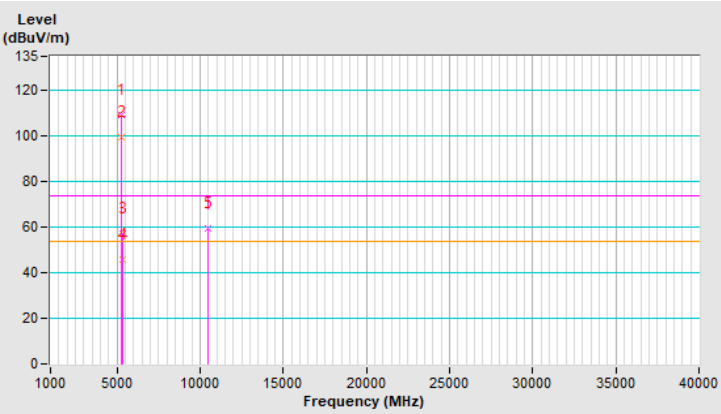


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	109.3 PK			1.84 H	222	67.4	41.9
2	*5240.00	99.3 AV			1.84 H	222	57.4	41.9
3	5350.00	57.4 PK	74.0	-16.6	1.86 H	228	51.1	6.3
4	5350.00	45.7 AV	54.0	-8.3	1.86 H	228	39.4	6.3
5	#10480.00	59.7 PK	68.2	-8.5	1.59 H	46	42.2	17.5
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

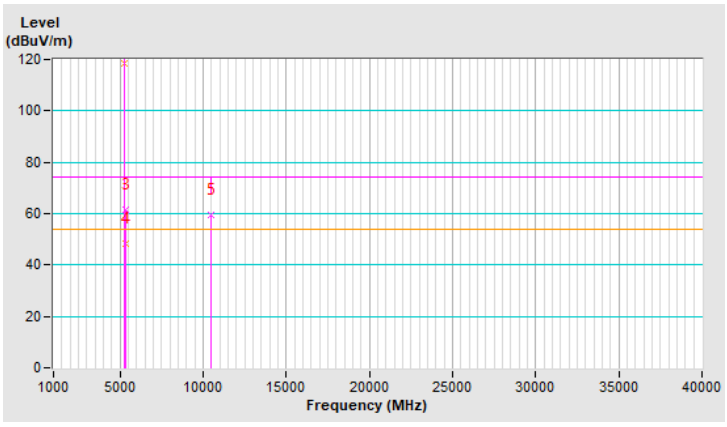


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	128.9 PK			1.82 V	167	87.0	41.9
2	*5240.00	118.4 AV			1.82 V	167	76.5	41.9
3	5350.00	61.5 PK	74.0	-12.5	1.90 V	153	55.2	6.3
4	5350.00	48.4 AV	54.0	-5.6	1.90 V	153	42.1	6.3
5	#10480.00	59.3 PK	68.2	-8.9	2.11 V	322	41.8	17.5
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

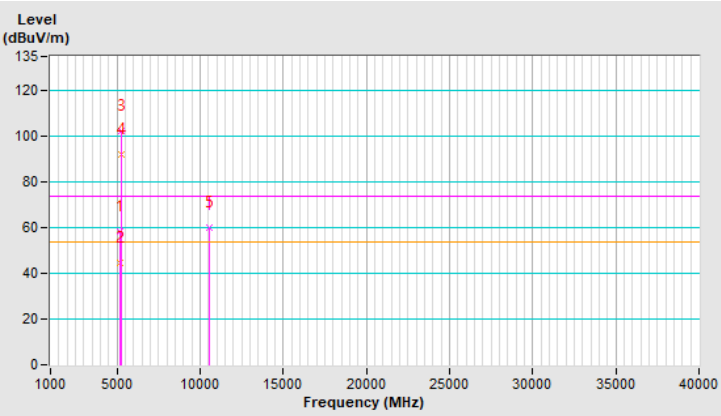


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.39 H	192	51.6	6.6
2	5150.00	44.8 AV	54.0	-9.2	1.39 H	192	38.2	6.6
3	*5260.00	102.4 PK			1.32 H	189	60.5	41.9
4	*5260.00	92.1 AV			1.32 H	189	50.2	41.9
5	#10520.00	60.3 PK	68.2	-7.9	1.63 H	175	42.7	17.6
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

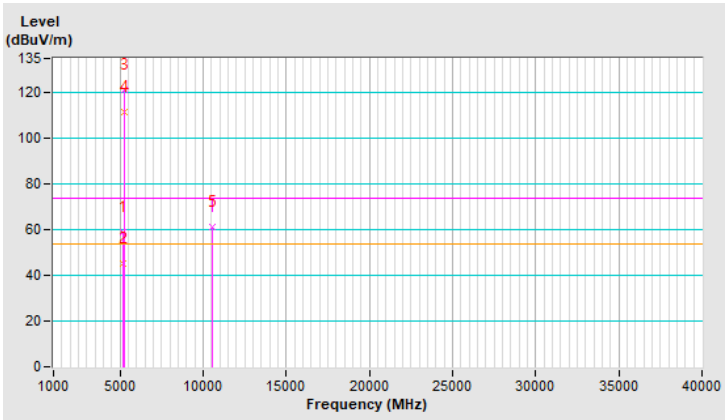


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 52：5260 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.91 V	350	52.1	6.6
2	5150.00	45.4 AV	54.0	-8.6	1.91 V	350	38.8	6.6
3	*5260.00	121.1 PK			1.85 V	342	79.2	41.9
4	*5260.00	111.6 AV			1.85 V	342	69.7	41.9
5	#10520.00	61.0 PK	68.2	-7.2	1.08 V	354	43.4	17.6
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

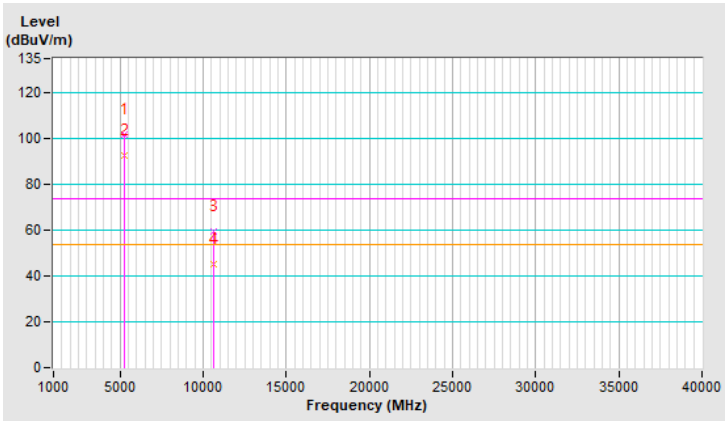


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	102.1 PK			1.43 H	188	60.2	41.9
2	*5300.00	92.4 AV			1.43 H	188	50.5	41.9
3	10600.00	59.7 PK	74.0	-14.3	1.81 H	170	42.5	17.2
4	10600.00	45.1 AV	54.0	-8.9	1.81 H	170	27.9	17.2
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

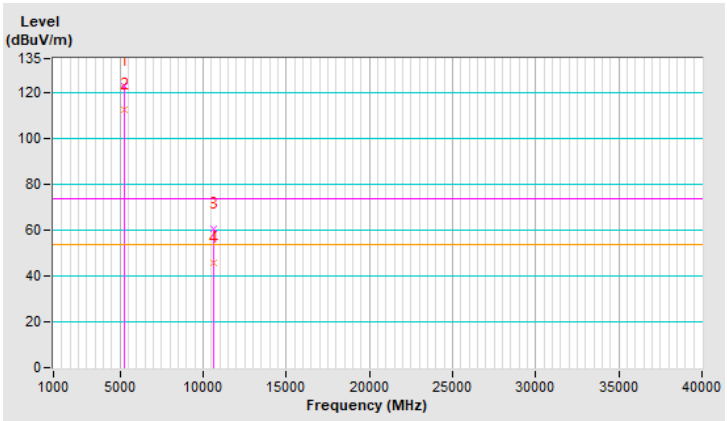


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 60：5300 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	122.9 PK			1.87 V	343	81.0	41.9
2	*5300.00	112.6 AV			1.87 V	343	70.7	41.9
3	10600.00	60.7 PK	74.0	-13.3	1.21 V	349	43.5	17.2
4	10600.00	45.9 AV	54.0	-8.1	1.21 V	349	28.7	17.2
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

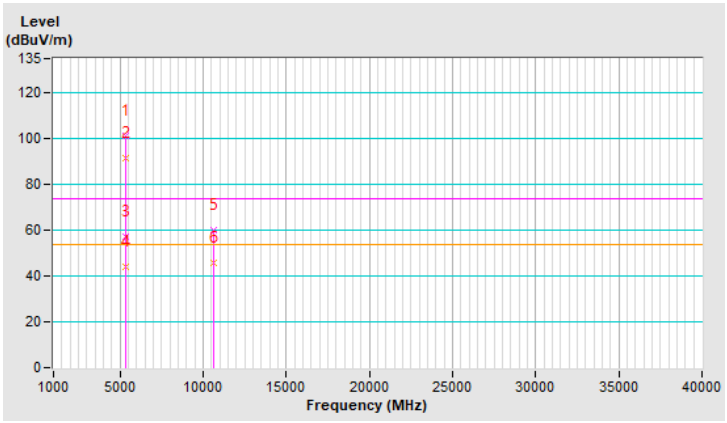


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	101.0 PK			1.48 H	187	59.0	42.0
2	*5320.00	91.3 AV			1.48 H	187	49.3	42.0
3	5350.00	57.2 PK	74.0	-16.8	1.53 H	193	50.8	6.4
4	5350.00	44.1 AV	54.0	-9.9	1.53 H	193	37.7	6.4
5	10640.00	60.1 PK	74.0	-13.9	1.71 H	171	42.7	17.4
6	10640.00	45.5 AV	54.0	-8.5	1.71 H	171	28.1	17.4
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

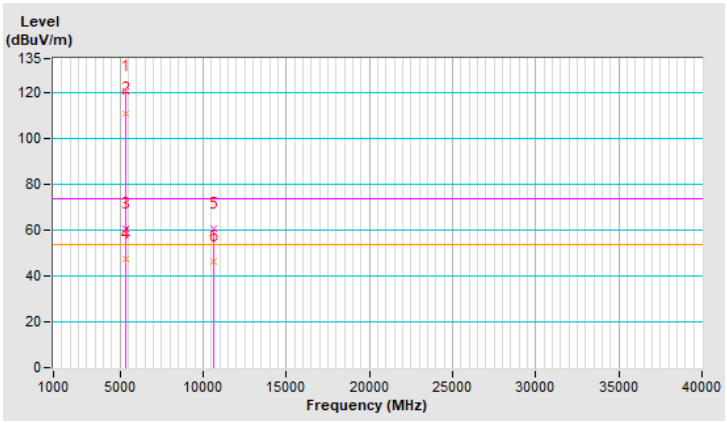


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 64：5320 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	120.7 PK			1.54 V	341	78.7	42.0
2	*5320.00	111.0 AV			1.54 V	341	69.0	42.0
3	5350.00	60.4 PK	74.0	-13.6	1.69 V	350	54.0	6.4
4	5350.00	47.5 AV	54.0	-6.5	1.69 V	350	41.1	6.4
5	10640.00	60.5 PK	74.0	-13.5	1.17 V	357	43.1	17.4
6	10640.00	46.3 AV	54.0	-7.7	1.17 V	357	28.9	17.4
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

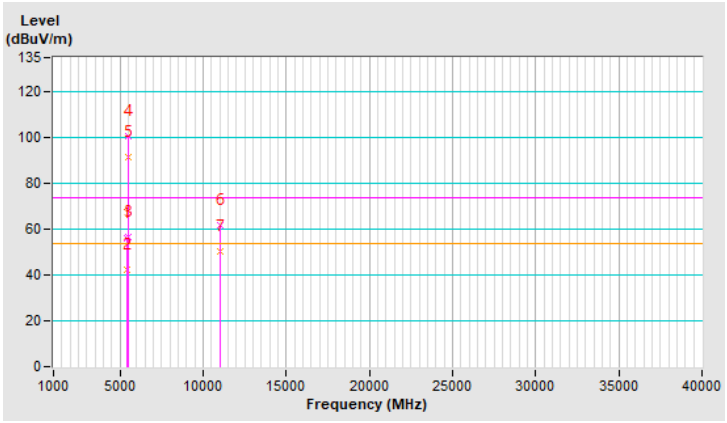


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.2 PK	74.0	-17.8	1.58 H	209	49.9	6.3
2	5460.00	42.6 AV	54.0	-11.4	1.58 H	209	36.3	6.3
3	#5470.00	56.8 PK	68.2	-11.4	1.61 H	199	50.5	6.3
4	*5500.00	100.9 PK			1.52 H	204	58.8	42.1
5	*5500.00	91.3 AV			1.52 H	204	49.2	42.1
6	11000.00	61.9 PK	74.0	-12.1	1.29 H	53	43.3	18.6
7	11000.00	50.4 AV	54.0	-3.6	1.29 H	53	31.8	18.6
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

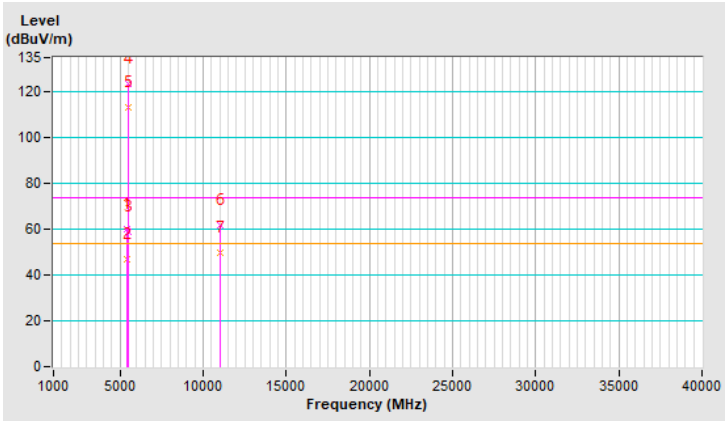


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 100：5500 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	59.9 PK	74.0	-14.1	1.51 V	350	53.6	6.3
2	5460.00	47.0 AV	54.0	-7.0	1.51 V	350	40.7	6.3
3	#5470.00	58.8 PK	68.2	-9.4	1.59 V	344	52.5	6.3
4	*5500.00	123.3 PK			1.47 V	357	81.2	42.1
5	*5500.00	113.0 AV			1.47 V	357	70.9	42.1
6	11000.00	61.6 PK	74.0	-12.4	1.22 V	352	43.0	18.6
7	11000.00	49.6 AV	54.0	-4.4	1.22 V	352	31.0	18.6
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

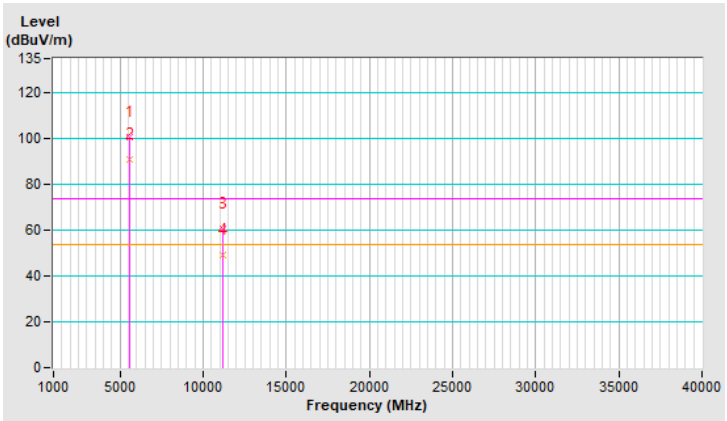


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	100.7 PK			1.34 H	204	58.6	42.1
2	*5580.00	90.8 AV			1.34 H	204	48.7	42.1
3	11160.00	60.7 PK	74.0	-13.3	1.41 H	59	42.2	18.5
4	11160.00	49.0 AV	54.0	-5.0	1.41 H	59	30.5	18.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

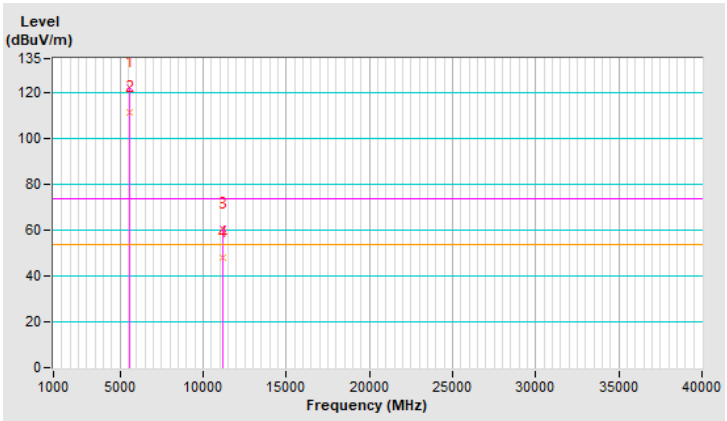


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 116：5580 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	122.3 PK			2.06 V	344	80.2	42.1
2	*5580.00	111.7 AV			2.06 V	344	69.6	42.1
3	11160.00	60.5 PK	74.0	-13.5	1.16 V	339	42.0	18.5
4	11160.00	48.1 AV	54.0	-5.9	1.16 V	339	29.6	18.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

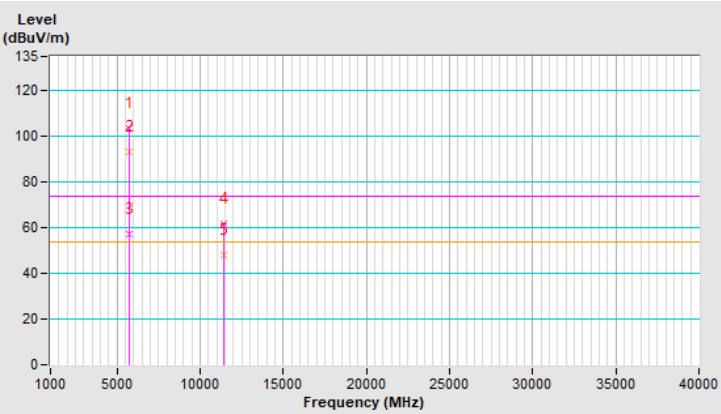


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	103.6 PK			1.49 H	193	61.3	42.3
2	*5700.00	93.5 AV			1.49 H	193	51.2	42.3
3	#5725.00	57.2 PK	68.2	-11.0	1.58 H	201	50.7	6.5
4	11400.00	61.6 PK	74.0	-12.4	1.41 H	57	43.7	17.9
5	11400.00	48.3 AV	54.0	-5.7	1.41 H	57	30.4	17.9
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

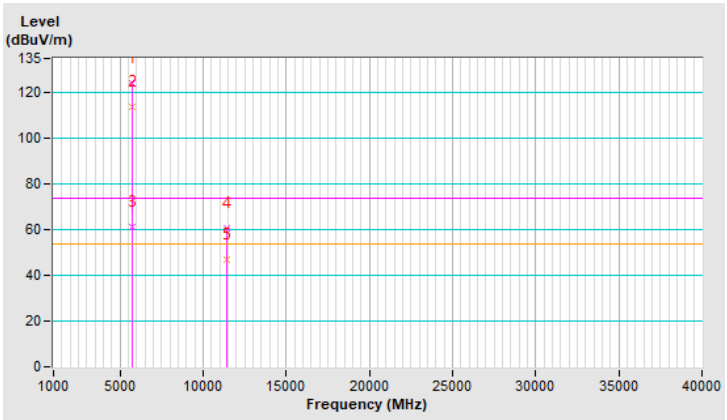


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 140：5700 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	123.9 PK			1.95 V	152	81.6	42.3
2	*5700.00	113.6 AV			1.95 V	152	71.3	42.3
3	#5725.00	61.1 PK	68.2	-7.1	1.70 V	351	54.6	6.5
4	11400.00	60.6 PK	74.0	-13.4	1.94 V	359	42.7	17.9
5	11400.00	47.1 AV	54.0	-6.9	1.94 V	359	29.2	17.9
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

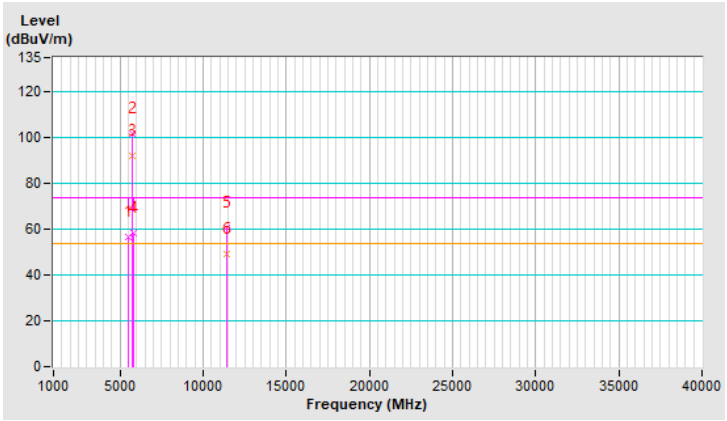


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.9 PK	68.2	-11.3	1.50 H	200	50.6	6.3
2	*5720.00	102.1 PK			1.43 H	202	59.9	42.2
3	*5720.00	92.1 AV			1.43 H	202	49.9	42.2
4	#5850.00	58.3 PK	68.2	-9.9	1.49 H	209	51.5	6.8
5	11440.00	60.8 PK	74.0	-13.2	1.30 H	42	42.8	18.0
6	11440.00	49.2 AV	54.0	-4.8	1.30 H	42	31.2	18.0
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

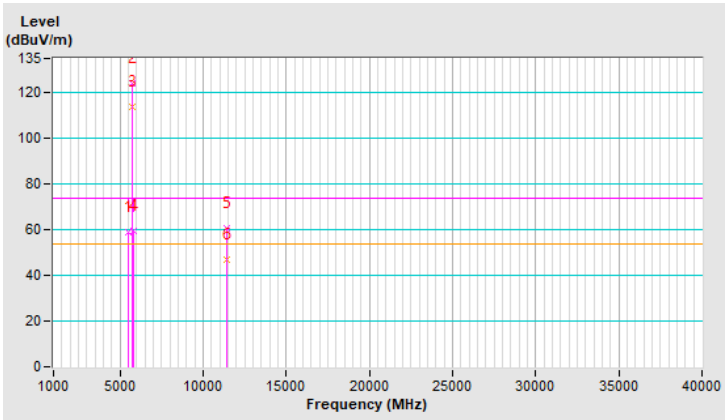


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 144：5720 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 01 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.63 V	350	52.5	6.3
2	*5720.00	124.2 PK			1.52 V	345	82.0	42.2
3	*5720.00	114.0 AV			1.52 V	345	71.8	42.2
4	#5850.00	59.3 PK	68.2	-8.9	1.59 V	341	52.5	6.8
5	11440.00	60.5 PK	74.0	-13.5	1.22 V	14	42.5	18.0
6	11440.00	46.9 AV	54.0	-7.1	1.22 V	14	28.9	18.0
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

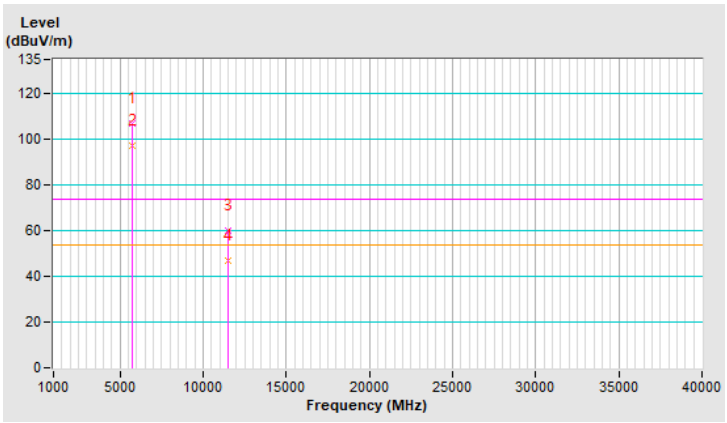


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.8 PK			1.52 H	312	64.8	42.0
2	*5745.00	97.0 AV			1.52 H	312	55.0	42.0
3	11490.00	60.3 PK	74.0	-13.7	1.79 H	53	42.3	18.0
4	11490.00	47.0 AV	54.0	-7.0	1.79 H	53	29.0	18.0
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

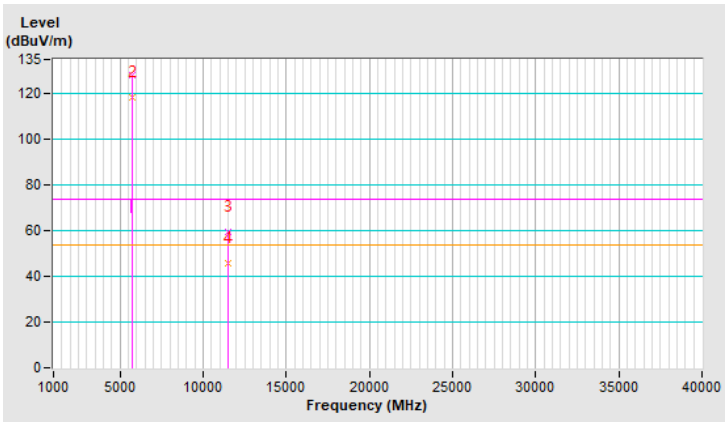


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	128.3 PK			1.89 V	162	86.3	42.0
2	*5745.00	118.2 AV			1.89 V	162	76.2	42.0
3	11490.00	59.5 PK	74.0	-14.5	1.91 V	333	41.5	18.0
4	11490.00	46.0 AV	54.0	-8.0	1.91 V	333	28.0	18.0
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

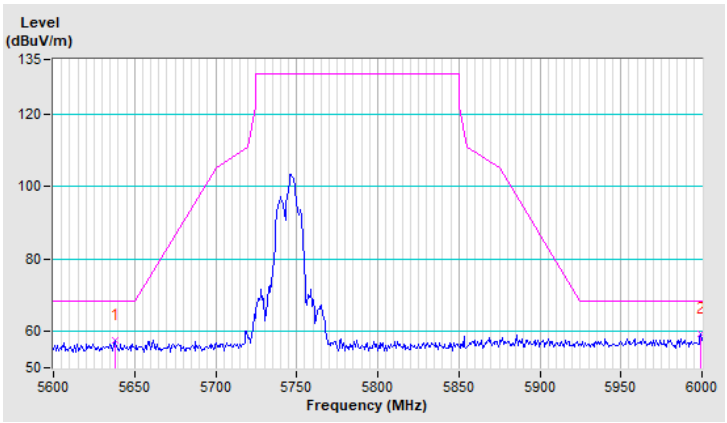


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.5 PK	68.2	-10.7	1.52 H	312	51.3	6.2
2	#5999.36	59.5 PK	68.2	-8.7	1.52 H	312	52.6	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

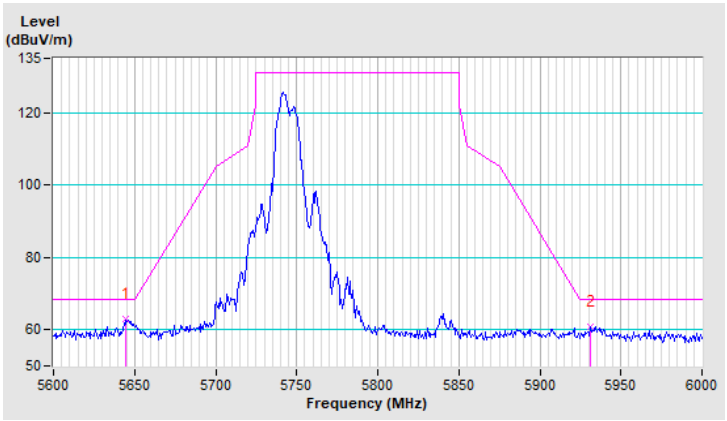


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	62.8 PK	68.2	-5.4	1.89 V	162	56.6	6.2
2	#5931.41	60.9 PK	68.2	-7.3	1.89 V	162	53.9	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

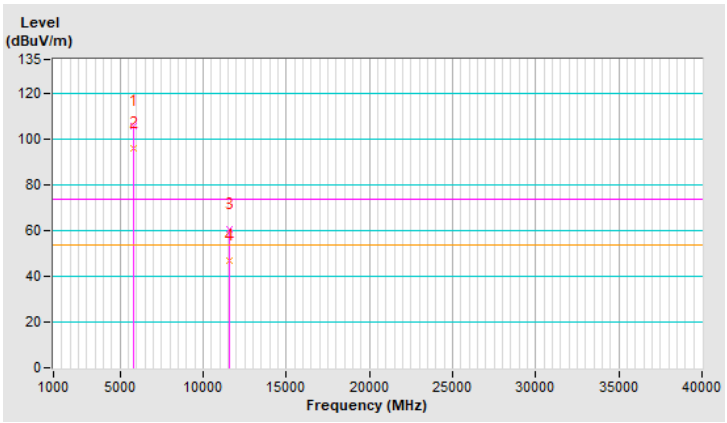


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.1 PK			1.53 H	307	64.2	41.9
2	*5785.00	96.1 AV			1.53 H	307	54.2	41.9
3	11570.00	60.7 PK	74.0	-13.3	1.88 H	60	43.1	17.6
4	11570.00	46.8 AV	54.0	-7.2	1.88 H	60	29.2	17.6
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

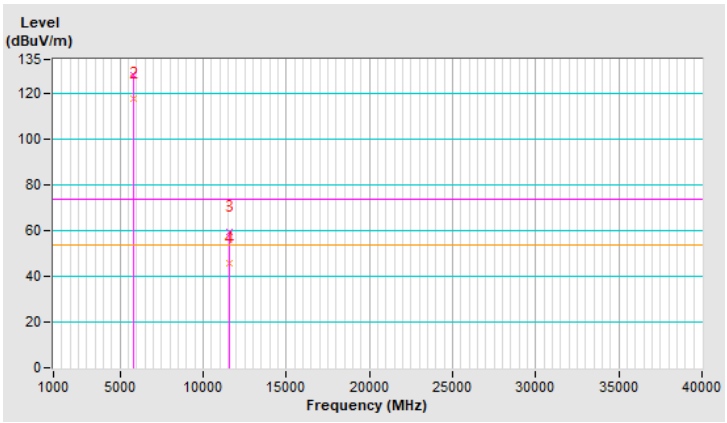


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	128.1 PK			1.89 V	171	86.2	41.9
2	*5785.00	117.8 AV			1.89 V	171	75.9	41.9
3	11570.00	59.6 PK	74.0	-14.4	2.03 V	350	42.0	17.6
4	11570.00	45.9 AV	54.0	-8.1	2.03 V	350	28.3	17.6
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

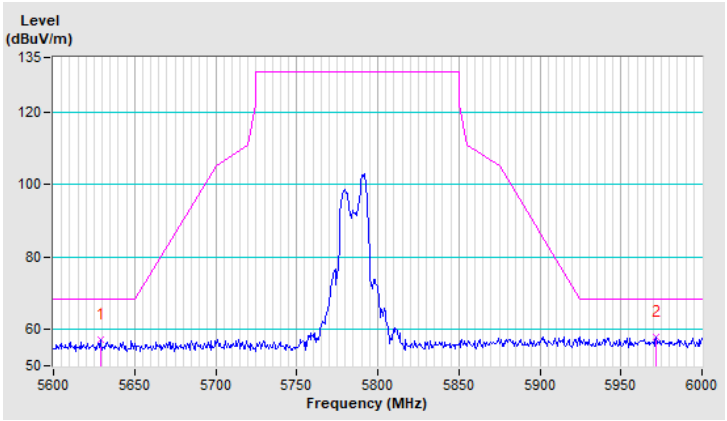


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.3 PK	68.2	-10.9	1.53 H	307	51.2	6.1
2	#5971.79	57.8 PK	68.2	-10.4	1.53 H	307	50.9	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

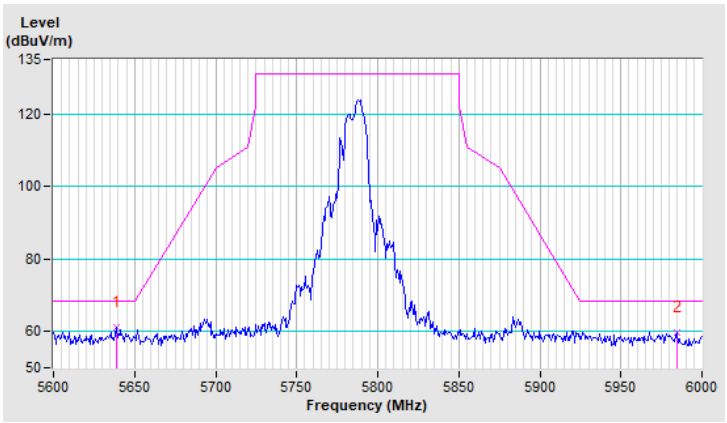


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	61.2 PK	68.2	-7.0	1.89 V	171	55.0	6.2
2	#5984.62	59.7 PK	68.2	-8.5	1.89 V	171	52.8	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

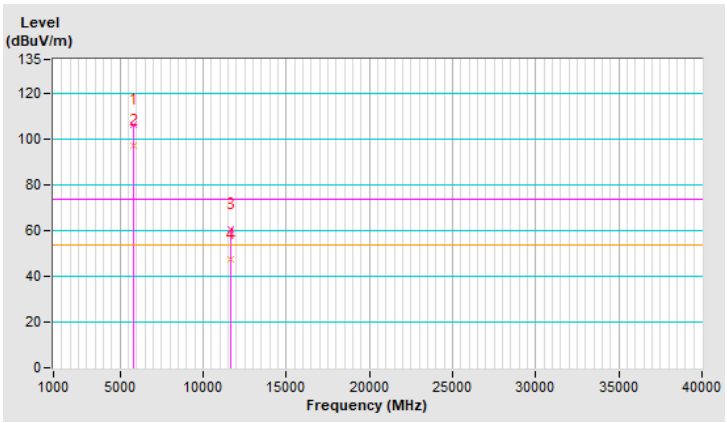


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.2 PK			2.17 H	166	64.0	42.2
2	*5825.00	97.0 AV			2.17 H	166	54.8	42.2
3	11650.00	60.7 PK	74.0	-13.3	1.90 H	74	43.0	17.7
4	11650.00	47.5 AV	54.0	-6.5	1.90 H	74	29.8	17.7
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

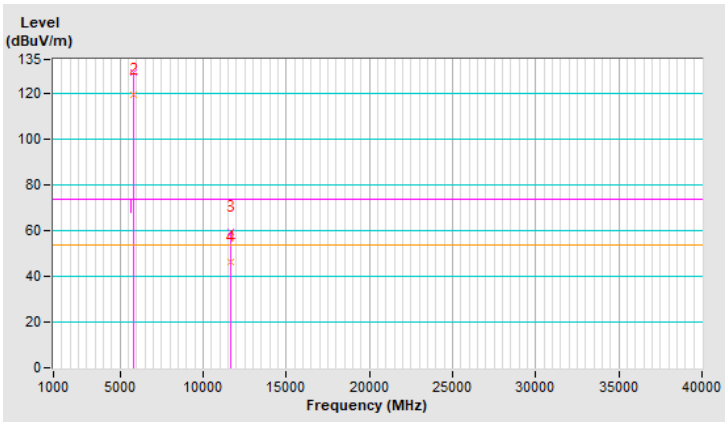


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	129.1 PK			1.90 V	166	86.9	42.2
2	*5825.00	119.5 AV			1.90 V	166	77.3	42.2
3	11650.00	59.7 PK	74.0	-14.3	1.87 V	329	42.0	17.7
4	11650.00	46.6 AV	54.0	-7.4	1.87 V	329	28.9	17.7
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

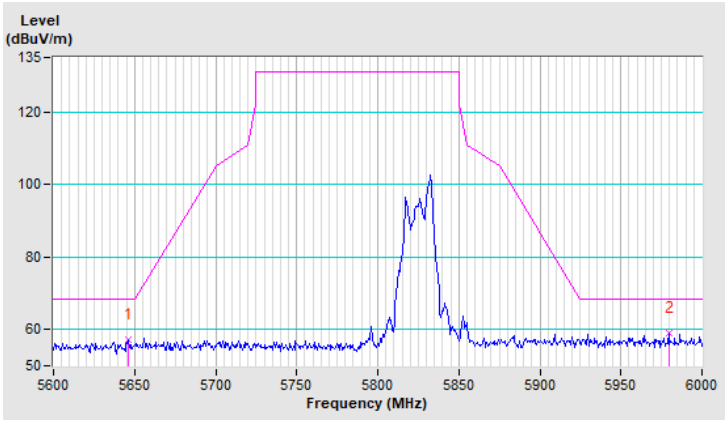


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.2 PK	68.2	-11.0	2.17 H	166	51.0	6.2
2	#5979.49	58.9 PK	68.2	-9.3	2.17 H	166	52.0	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

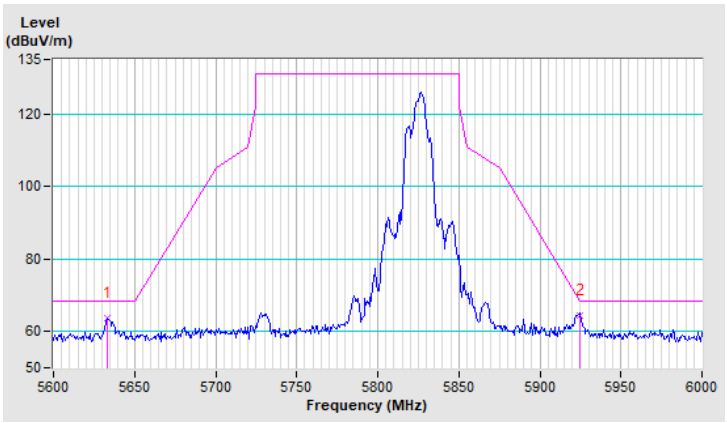


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	63.8 PK	68.2	-4.4	1.89 V	166	57.6	6.2
2	#5925.00	64.4 PK	68.2	-3.8	1.89 V	166	57.4	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



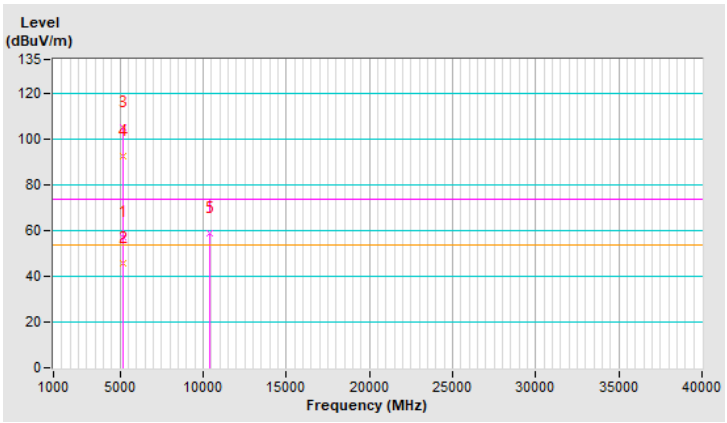
802.11ax (HE20)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(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 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.4 PK	74.0	-16.6	1.82 H	226	50.9	6.5
2	5150.00	45.8 AV	54.0	-8.2	1.82 H	226	39.3	6.5
3	*5180.00	105.3 PK			1.94 H	231	63.2	42.1
4	*5180.00	92.9 AV			1.94 H	231	50.8	42.1
5	#10360.00	58.8 PK	68.2	-9.4	1.56 H	48	42.2	16.6
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

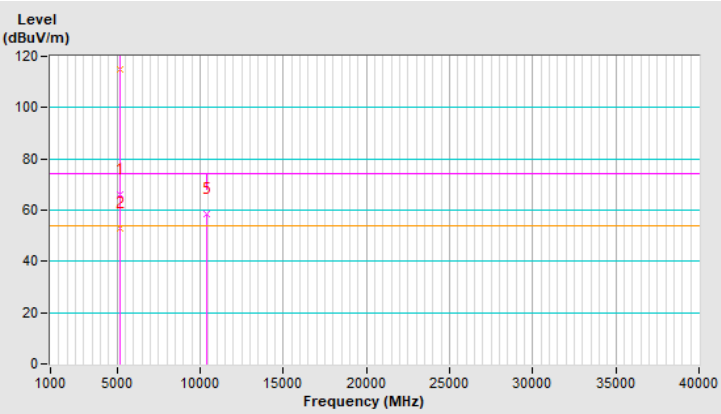


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	2.14 V	171	59.4	6.5
2	5150.00	52.9 AV	54.0	-1.1	2.14 V	171	46.4	6.5
3	*5180.00	128.1 PK			1.93 V	171	86.0	42.1
4	*5180.00	114.8 AV			1.93 V	171	72.7	42.1
5	#10360.00	58.4 PK	68.2	-9.8	2.15 V	321	41.8	16.6
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

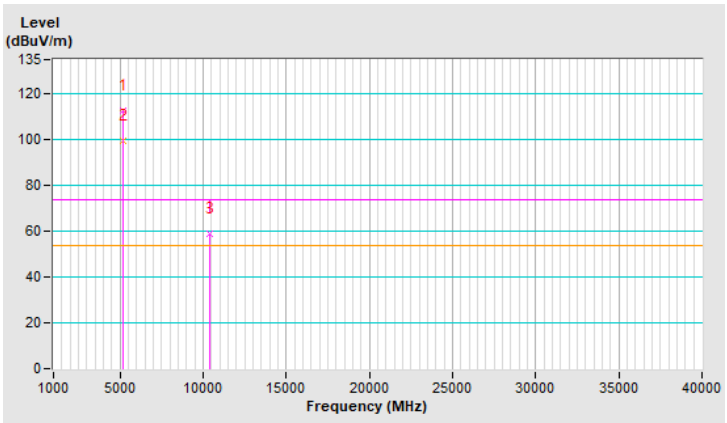


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.9 PK			1.96 H	230	70.8	42.1
2	*5200.00	99.5 AV			1.96 H	230	57.4	42.1
3	#10400.00	59.0 PK	68.2	-9.2	1.62 H	51	42.1	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

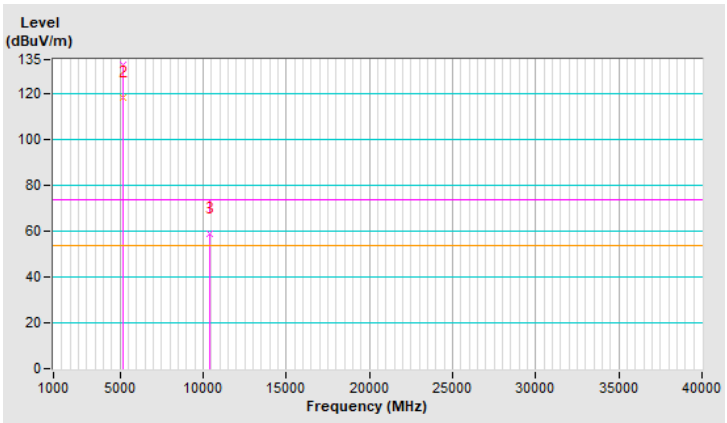


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	132.5 PK			1.86 V	173	90.4	42.1
2	*5200.00	118.2 AV			1.86 V	173	76.1	42.1
3	#10400.00	59.0 PK	68.2	-9.2	2.16 V	321	42.1	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

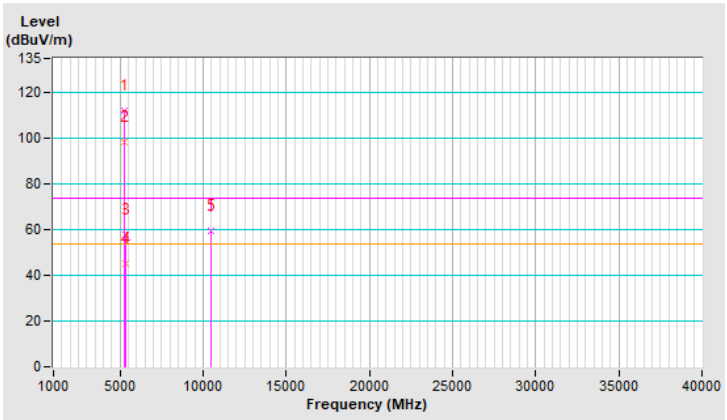


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.2 PK			1.80 H	232	70.3	41.9
2	*5240.00	98.6 AV			1.80 H	232	56.7	41.9
3	5350.00	57.5 PK	74.0	-16.5	1.83 H	229	51.2	6.3
4	5350.00	45.2 AV	54.0	-8.8	1.83 H	229	38.9	6.3
5	#10480.00	59.5 PK	68.2	-8.7	1.63 H	51	42.0	17.5
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

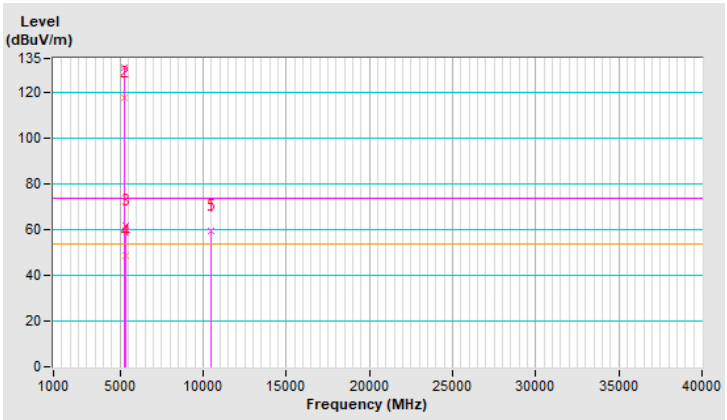


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	131.2 PK			1.88 V	163	89.3	41.9
2	*5240.00	118.0 AV			1.88 V	163	76.1	41.9
3	5350.00	61.6 PK	74.0	-12.4	1.65 V	174	55.3	6.3
4	5350.00	48.4 AV	54.0	-5.6	1.65 V	174	42.1	6.3
5	#10480.00	59.7 PK	68.2	-8.5	2.01 V	309	42.2	17.5
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

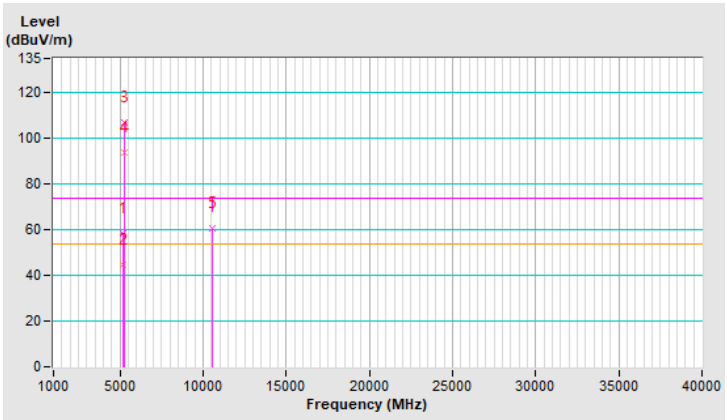


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.92 H	233	52.0	6.6
2	5150.00	44.6 AV	54.0	-9.4	1.92 H	233	38.0	6.6
3	*5260.00	107.1 PK			2.14 H	222	65.2	41.9
4	*5260.00	93.9 AV			2.14 H	222	52.0	41.9
5	#10520.00	60.4 PK	68.2	-7.8	1.82 H	161	42.8	17.6
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

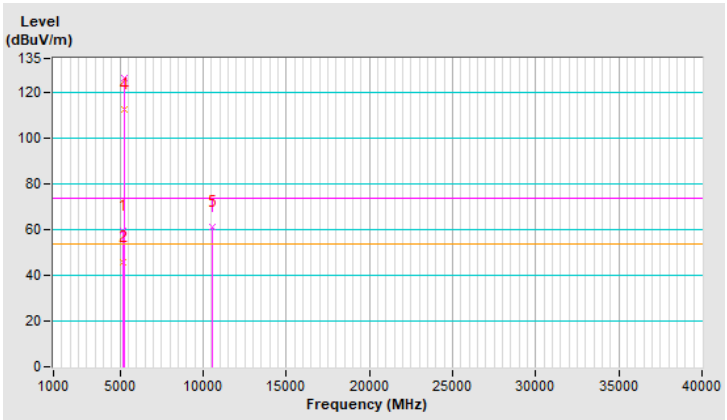


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 52：5260 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	59.3 PK	74.0	-14.7	1.66 V	158	52.7	6.6
2	5150.00	45.6 AV	54.0	-8.4	1.66 V	158	39.0	6.6
3	*5260.00	126.2 PK			1.73 V	160	84.3	41.9
4	*5260.00	112.5 AV			1.73 V	160	70.6	41.9
5	#10520.00	61.1 PK	68.2	-7.1	1.19 V	347	43.5	17.6
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

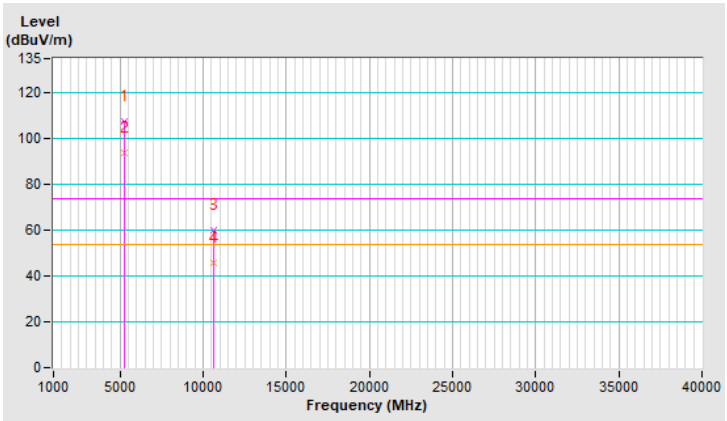


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	107.3 PK			1.92 H	223	65.4	41.9
2	*5300.00	94.0 AV			1.92 H	223	52.1	41.9
3	10600.00	60.0 PK	74.0	-14.0	1.75 H	174	42.8	17.2
4	10600.00	45.6 AV	54.0	-8.4	1.75 H	174	28.4	17.2
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

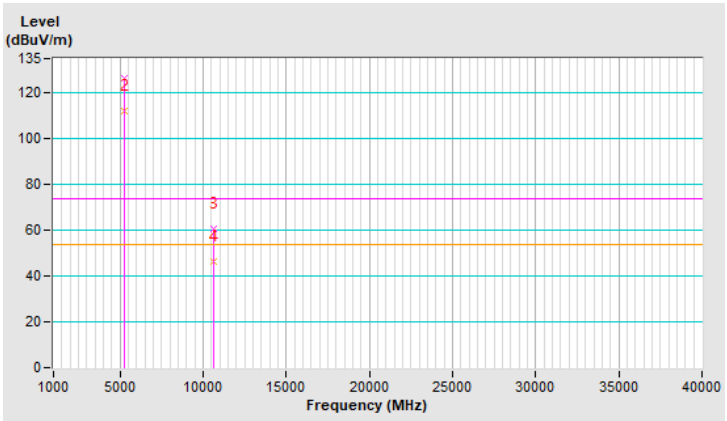


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 60：5300 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	126.5 PK			1.66 V	159	84.6	41.9
2	*5300.00	112.2 AV			1.66 V	159	70.3	41.9
3	10600.00	60.5 PK	74.0	-13.5	1.25 V	339	43.3	17.2
4	10600.00	46.2 AV	54.0	-7.8	1.25 V	339	29.0	17.2
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

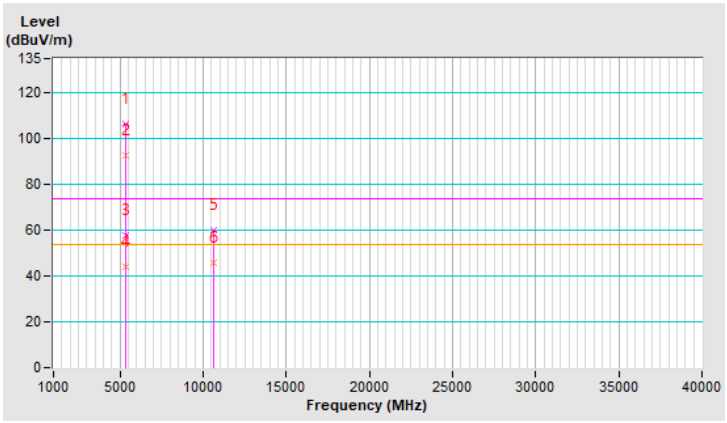


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.6 PK			1.84 H	223	64.6	42.0
2	*5320.00	92.7 AV			1.84 H	223	50.7	42.0
3	5350.00	57.8 PK	74.0	-16.2	1.91 H	233	51.4	6.4
4	5350.00	44.1 AV	54.0	-9.9	1.91 H	233	37.7	6.4
5	10640.00	60.1 PK	74.0	-13.9	1.85 H	174	42.7	17.4
6	10640.00	45.7 AV	54.0	-8.3	1.85 H	174	28.3	17.4
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

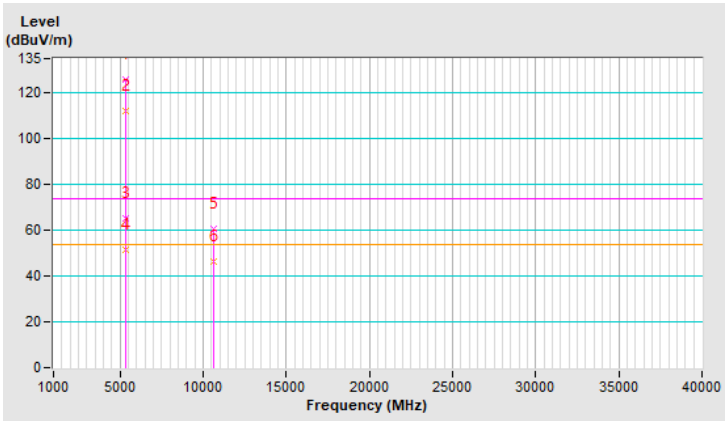


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 64：5320 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	126.0 PK			1.83 V	159	84.0	42.0
2	*5320.00	112.0 AV			1.83 V	159	70.0	42.0
3	5350.00	65.4 PK	74.0	-8.6	1.84 V	168	59.0	6.4
4	5350.00	51.6 AV	54.0	-2.4	1.84 V	168	45.2	6.4
5	10640.00	60.7 PK	74.0	-13.3	1.17 V	342	43.3	17.4
6	10640.00	46.2 AV	54.0	-7.8	1.17 V	342	28.8	17.4
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

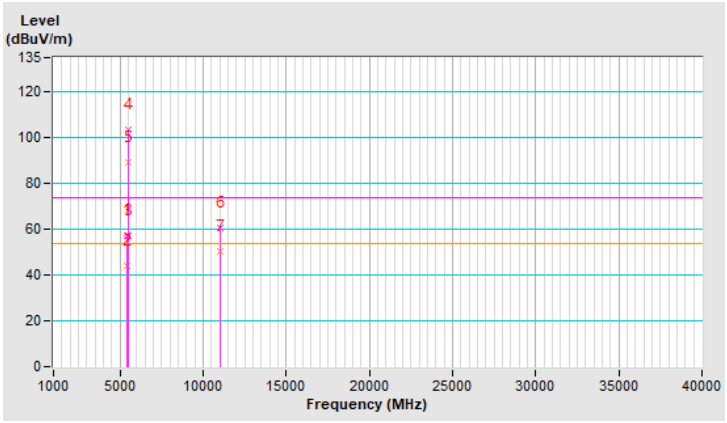


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.2 PK	74.0	-16.8	1.35 H	254	50.9	6.3
2	5460.00	44.0 AV	54.0	-10.0	1.35 H	254	37.7	6.3
3	#5470.00	57.2 PK	68.2	-11.0	1.44 H	250	50.9	6.3
4	*5500.00	103.3 PK			1.32 H	228	61.2	42.1
5	*5500.00	89.3 AV			1.32 H	228	47.2	42.1
6	11000.00	60.9 PK	74.0	-13.1	1.31 H	54	42.3	18.6
7	11000.00	50.1 AV	54.0	-3.9	1.31 H	54	31.5	18.6
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

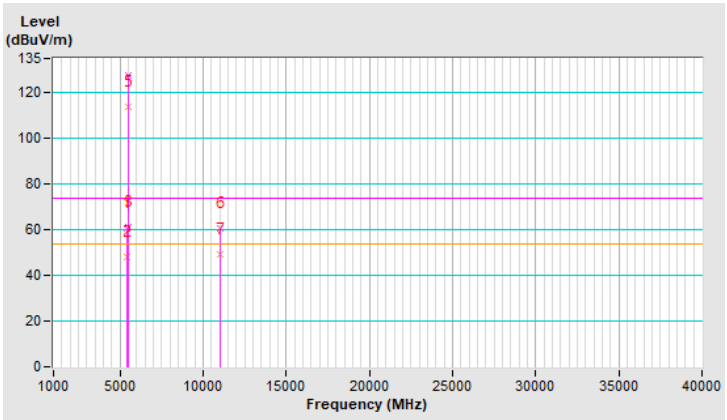


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 100：5500 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.90 V	170	54.6	6.3
2	5460.00	48.1 AV	54.0	-5.9	1.90 V	170	41.8	6.3
3	#5470.00	61.4 PK	68.2	-6.8	1.82 V	177	55.1	6.3
4	*5500.00	127.7 PK			1.87 V	169	85.6	42.1
5	*5500.00	113.9 AV			1.87 V	169	71.8	42.1
6	11000.00	60.8 PK	74.0	-13.2	1.40 V	349	42.2	18.6
7	11000.00	49.3 AV	54.0	-4.7	1.40 V	349	30.7	18.6
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

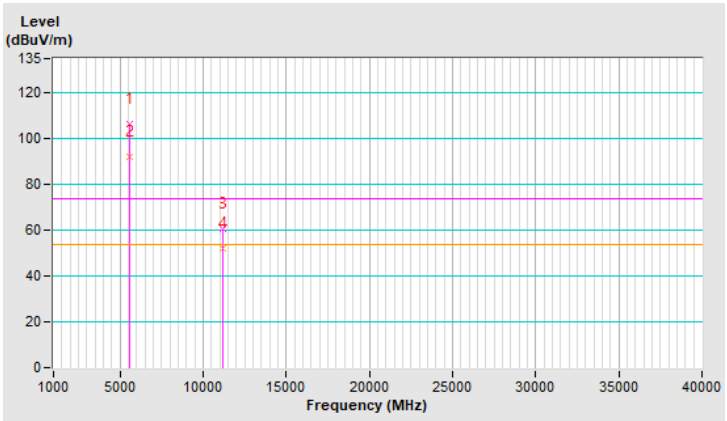


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.2 PK			1.45 H	204	64.1	42.1
2	*5580.00	91.9 AV			1.45 H	204	49.8	42.1
3	11160.00	60.9 PK	74.0	-13.1	1.46 H	40	42.4	18.5
4	11160.00	52.1 AV	54.0	-1.9	1.46 H	40	33.6	18.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

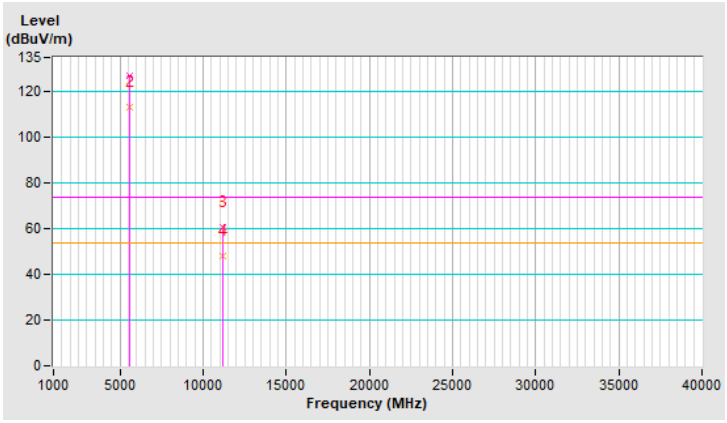


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 116：5580 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	127.1 PK			1.81 V	169	85.0	42.1
2	*5580.00	113.2 AV			1.81 V	169	71.1	42.1
3	11160.00	60.9 PK	74.0	-13.1	1.19 V	355	42.4	18.5
4	11160.00	48.0 AV	54.0	-6.0	1.19 V	355	29.5	18.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

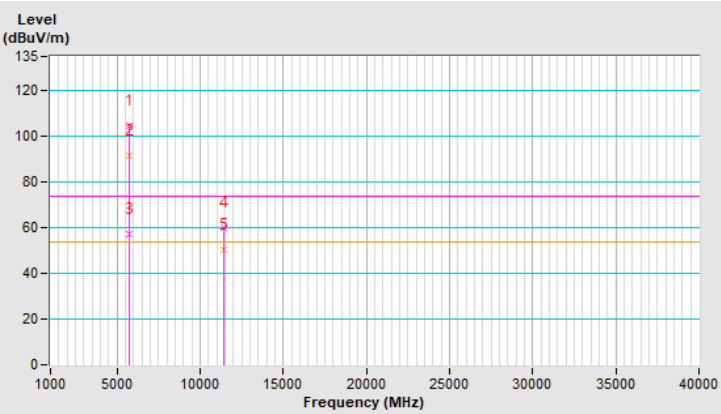


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	104.8 PK			1.58 H	192	62.5	42.3
2	*5700.00	91.8 AV			1.58 H	192	49.5	42.3
3	#5725.00	57.3 PK	68.2	-10.9	1.58 H	187	50.8	6.5
4	11400.00	60.3 PK	74.0	-13.7	1.49 H	42	42.4	17.9
5	11400.00	50.1 AV	54.0	-3.9	1.49 H	42	32.2	17.9
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

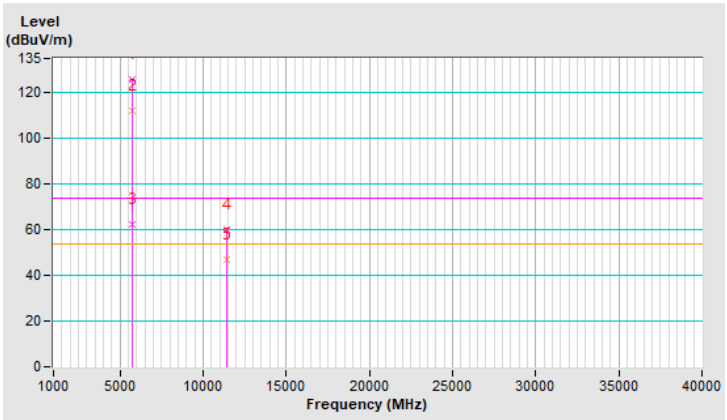


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 140：5700 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	125.8 PK			1.64 V	345	83.5	42.3
2	*5700.00	112.0 AV			1.64 V	345	69.7	42.3
3	#5725.00	62.3 PK	68.2	-5.9	1.58 V	343	55.8	6.5
4	11400.00	60.2 PK	74.0	-13.8	1.22 V	345	42.3	17.9
5	11400.00	47.1 AV	54.0	-6.9	1.22 V	345	29.2	17.9
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

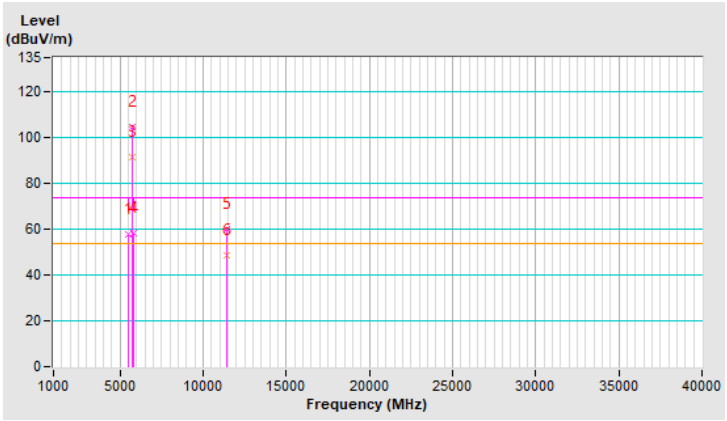


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.7 PK	68.2	-10.5	1.46 H	200	51.4	6.3
2	*5720.00	104.6 PK			1.43 H	191	62.4	42.2
3	*5720.00	91.6 AV			1.43 H	191	49.4	42.2
4	#5850.00	58.5 PK	68.2	-9.7	1.50 H	197	51.7	6.8
5	11440.00	59.9 PK	74.0	-14.1	1.42 H	42	41.9	18.0
6	11440.00	48.7 AV	54.0	-5.3	1.42 H	42	30.7	18.0
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

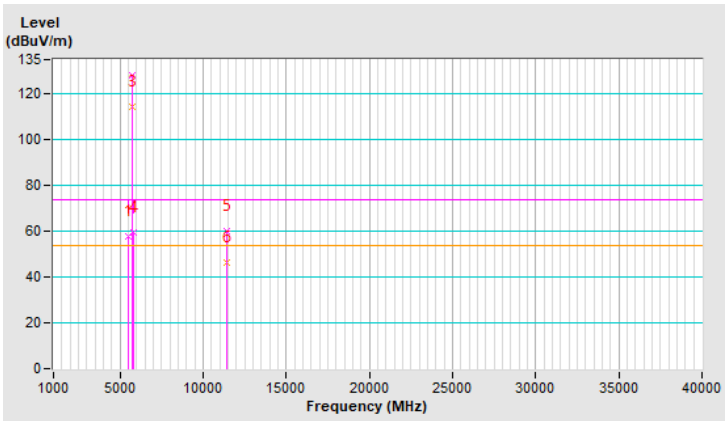


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 144：5720 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.80 V	177	51.5	6.3
2	*5720.00	128.0 PK			1.72 V	168	85.8	42.2
3	*5720.00	114.4 AV			1.72 V	168	72.2	42.2
4	#5850.00	59.3 PK	68.2	-8.9	1.77 V	169	52.5	6.8
5	11440.00	60.0 PK	74.0	-14.0	1.88 V	344	42.0	18.0
6	11440.00	46.3 AV	54.0	-7.7	1.88 V	344	28.3	18.0
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

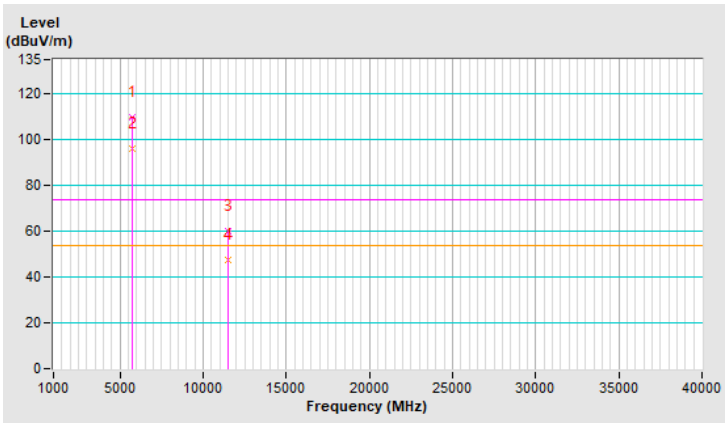


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	109.7 PK			2.36 H	352	67.7	42.0
2	*5745.00	96.0 AV			2.36 H	352	54.0	42.0
3	11490.00	60.2 PK	74.0	-13.8	1.92 H	54	42.2	18.0
4	11490.00	47.5 AV	54.0	-6.5	1.92 H	54	29.5	18.0
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

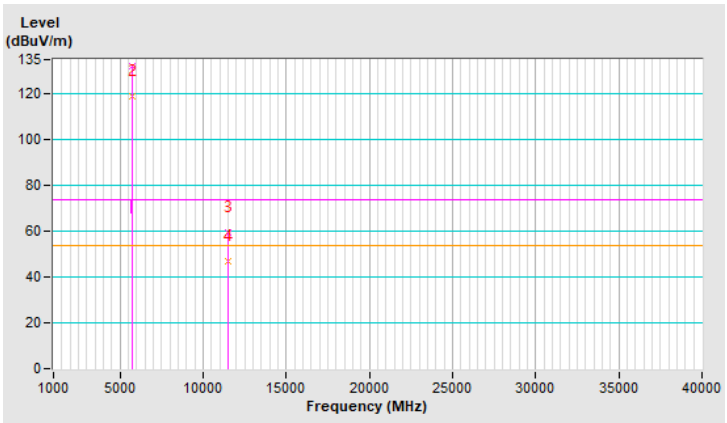


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	132.0 PK			1.90 V	165	90.0	42.0
2	*5745.00	118.9 AV			1.90 V	165	76.9	42.0
3	11490.00	59.3 PK	74.0	-14.7	2.10 V	350	41.3	18.0
4	11490.00	46.7 AV	54.0	-7.3	2.10 V	350	28.7	18.0
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

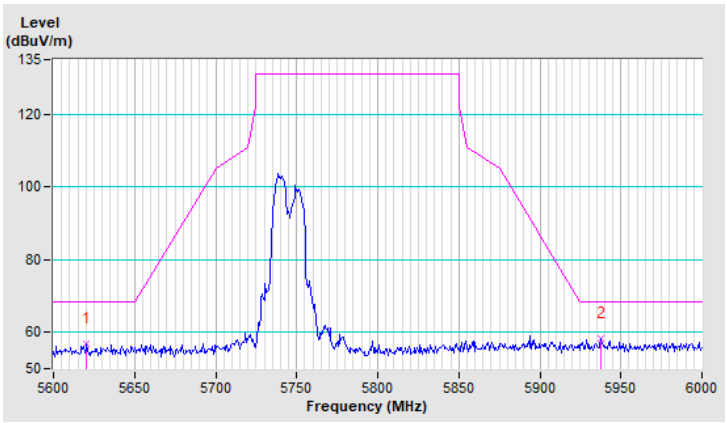


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.8 PK	68.2	-11.4	2.36 H	352	50.7	6.1
2	#5937.82	58.3 PK	68.2	-9.9	2.36 H	352	51.3	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

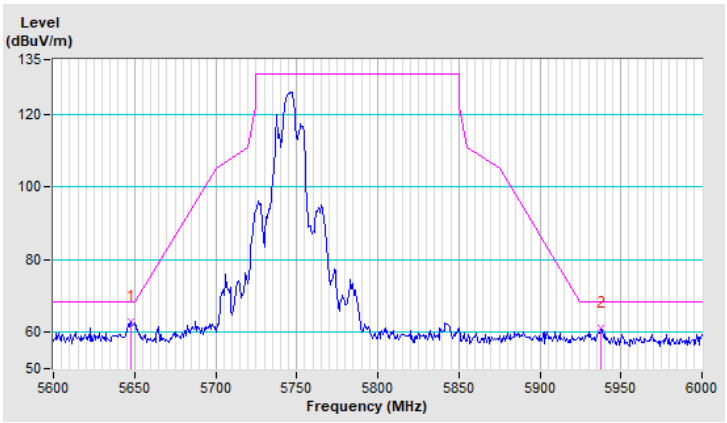


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	63.0 PK	68.2	-5.2	1.90 V	165	56.8	6.2
2	#5937.82	61.0 PK	68.2	-7.2	1.90 V	165	54.0	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

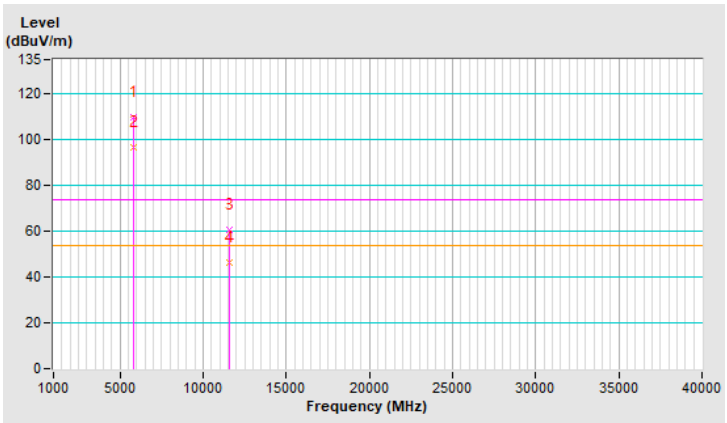


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	109.6 PK			2.50 H	343	67.7	41.9
2	*5785.00	96.4 AV			2.50 H	343	54.5	41.9
3	11570.00	60.8 PK	74.0	-13.2	1.95 H	71	43.2	17.6
4	11570.00	46.6 AV	54.0	-7.4	1.95 H	71	29.0	17.6
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

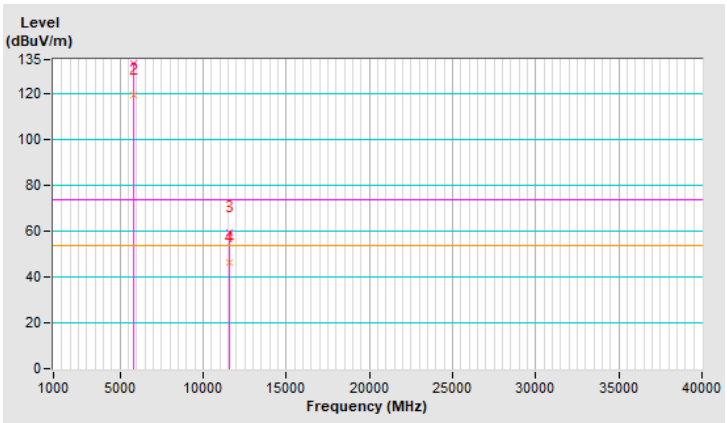


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	133.5 PK			1.85 V	170	91.6	41.9
2	*5785.00	119.6 AV			1.85 V	170	77.7	41.9
3	11570.00	59.6 PK	74.0	-14.4	2.07 V	345	42.0	17.6
4	11570.00	46.3 AV	54.0	-7.7	2.07 V	345	28.7	17.6
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

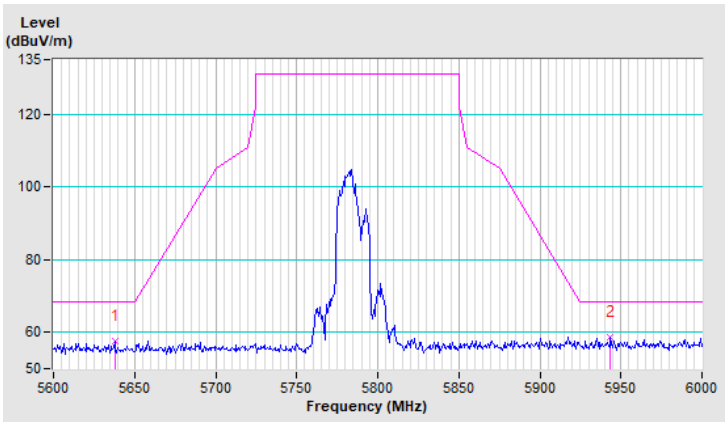


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.6 PK	68.2	-10.6	2.50 H	343	51.4	6.2
2	#5943.59	58.5 PK	68.2	-9.7	2.50 H	343	51.5	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

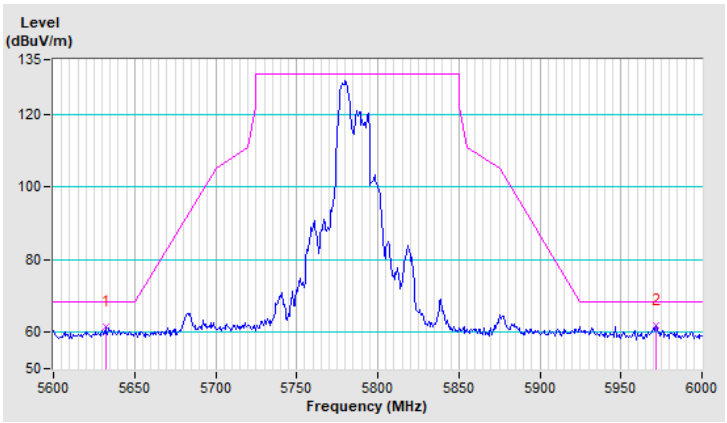


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.05	61.5 PK	68.2	-6.7	1.85 V	170	55.3	6.2
2	#5971.79	61.9 PK	68.2	-6.3	1.85 V	170	55.0	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

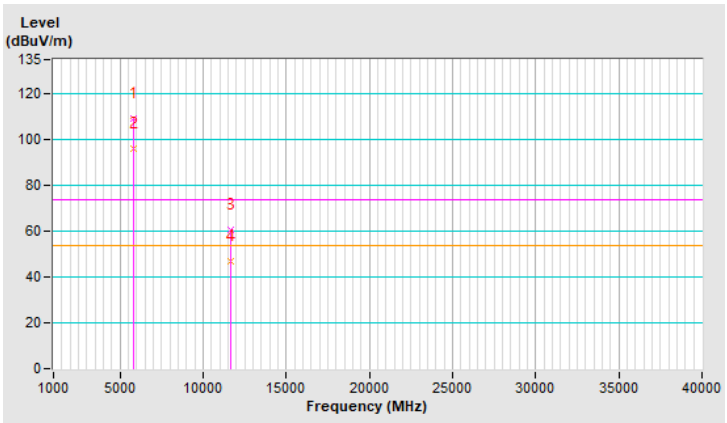


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	109.4 PK			2.50 H	341	67.2	42.2
2	*5825.00	96.0 AV			2.50 H	341	53.8	42.2
3	11650.00	60.7 PK	74.0	-13.3	1.90 H	62	43.0	17.7
4	11650.00	46.9 AV	54.0	-7.1	1.90 H	62	29.2	17.7
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

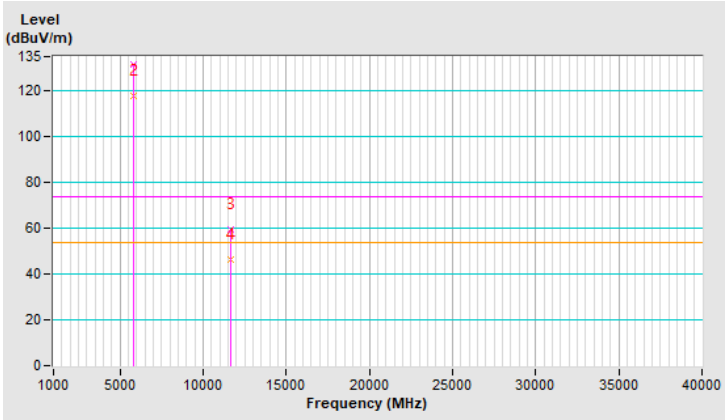


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	131.6 PK			2.05 V	158	89.4	42.2
2	*5825.00	118.1 AV			2.05 V	158	75.9	42.2
3	11650.00	59.7 PK	74.0	-14.3	2.05 V	339	42.0	17.7
4	11650.00	46.1 AV	54.0	-7.9	2.05 V	339	28.4	17.7
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

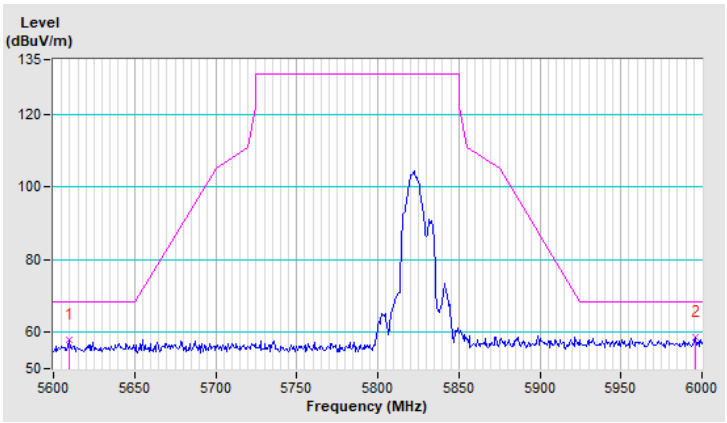


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.8 PK	68.2	-10.4	2.50 H	341	51.7	6.1
2	#5996.15	58.8 PK	68.2	-9.4	2.50 H	341	51.9	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

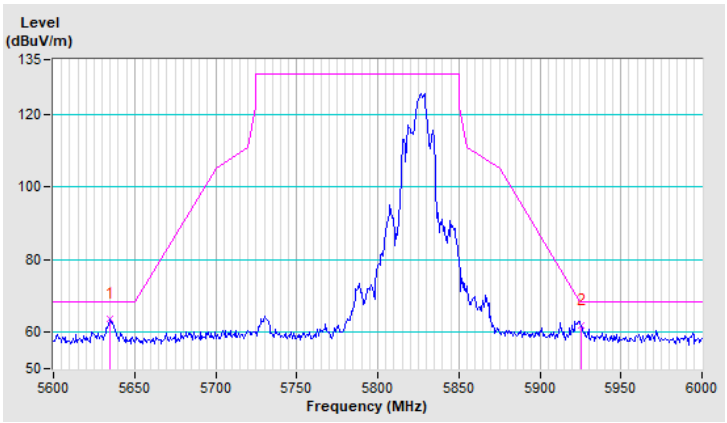


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.62	63.8 PK	68.2	-4.4	2.05 V	158	57.6	6.2
2	#5925.64	62.0 PK	68.2	-6.2	2.05 V	158	55.0	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



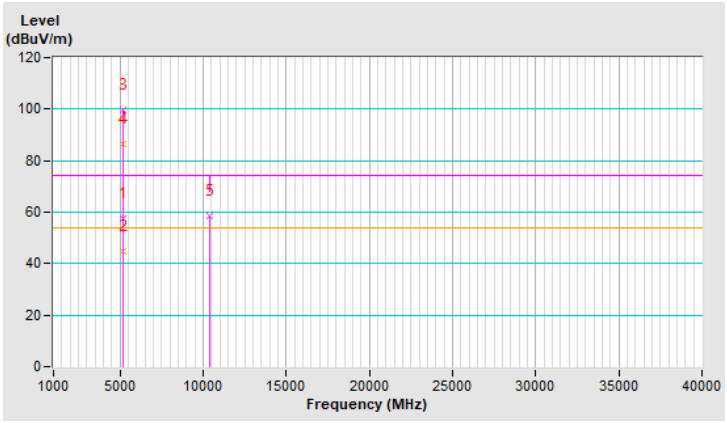
802.11ax (HE40)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	測 試 儀 器 ：	(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 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.5 PK	74.0	-16.5	1.72 H	215	51.0	6.5
2	5150.00	44.7 AV	54.0	-9.3	1.72 H	215	38.2	6.5
3	*5190.00	99.6 PK			1.69 H	226	57.5	42.1
4	*5190.00	86.2 AV			1.69 H	226	44.1	42.1
5	#10380.00	58.7 PK	68.2	-9.5	1.59 H	48	41.9	16.8
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

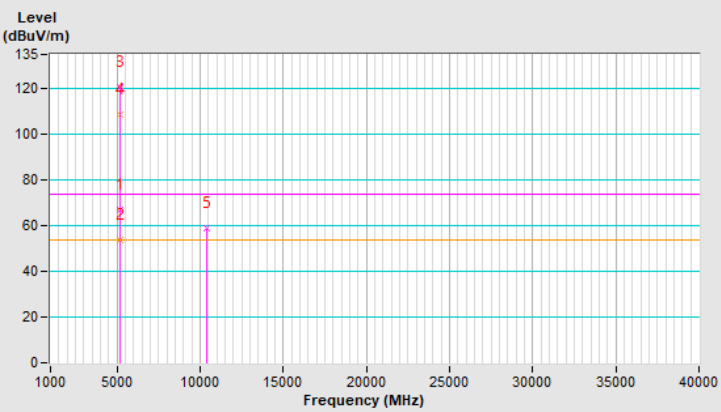


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 38：5190 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.8 PK	74.0	-7.2	2.03 V	164	60.2	6.6
2	5150.00	53.7 AV	54.0	-0.3	2.03 V	164	47.1	6.6
3	*5190.00	120.8 PK			1.85 V	173	78.7	42.1
4	*5190.00	108.6 AV			1.85 V	173	66.5	42.1
5	#10380.00	58.8 PK	74.0	-15.2	2.13 V	323	42.7	16.1
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

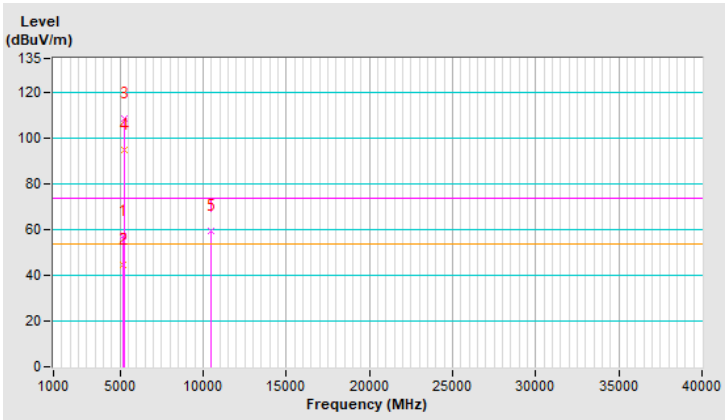


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.4 PK	74.0	-16.6	1.62 H	182	50.9	6.5
2	5150.00	44.6 AV	54.0	-9.4	1.62 H	182	38.1	6.5
3	*5230.00	108.9 PK			1.58 H	181	67.0	41.9
4	*5230.00	95.1 AV			1.58 H	181	53.2	41.9
5	#10460.00	59.3 PK	68.2	-8.9	1.59 H	55	42.0	17.3
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

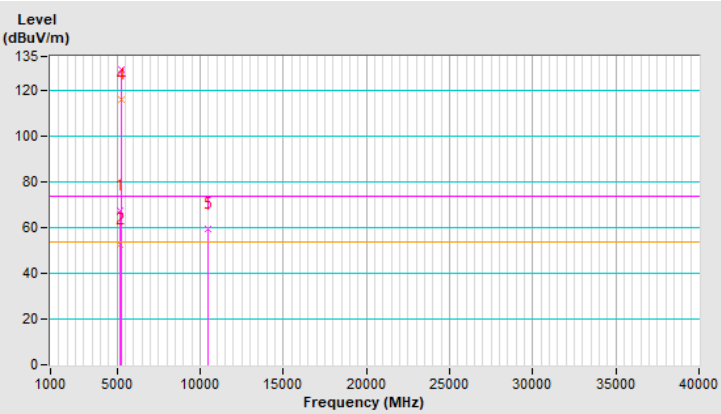


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 46：5230 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	67.3 PK	74.0	-6.7	1.93 V	150	60.8	6.5
2	5150.00	52.5 AV	54.0	-1.5	1.93 V	150	46.0	6.5
3	*5230.00	129.1 PK			1.84 V	171	87.2	41.9
4	*5230.00	116.4 AV			1.84 V	171	74.5	41.9
5	#10460.00	59.4 PK	68.2	-8.8	2.11 V	323	42.1	17.3
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

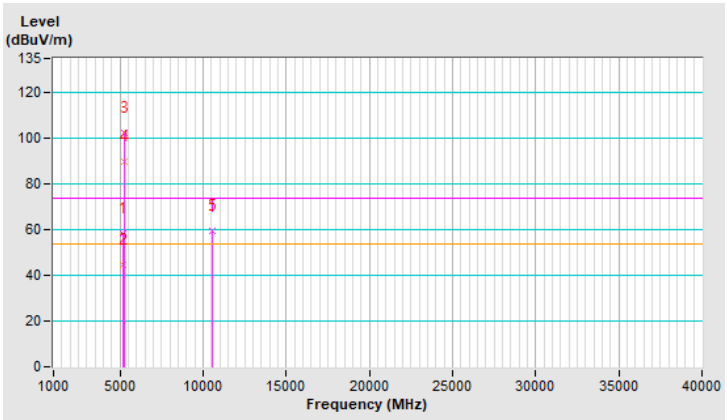


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.66 H	229	51.5	6.6
2	5150.00	44.6 AV	54.0	-9.4	1.66 H	229	38.0	6.6
3	*5270.00	102.4 PK			1.84 H	225	60.5	41.9
4	*5270.00	89.6 AV			1.84 H	225	47.7	41.9
5	#10540.00	59.7 PK	68.2	-8.5	1.67 H	179	42.1	17.6
	15810.00	-	-	-	-	-	-	-
	21080.00	-	-	-	-	-	-	-
	26350.00	-	-	-	-	-	-	-
	31620.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

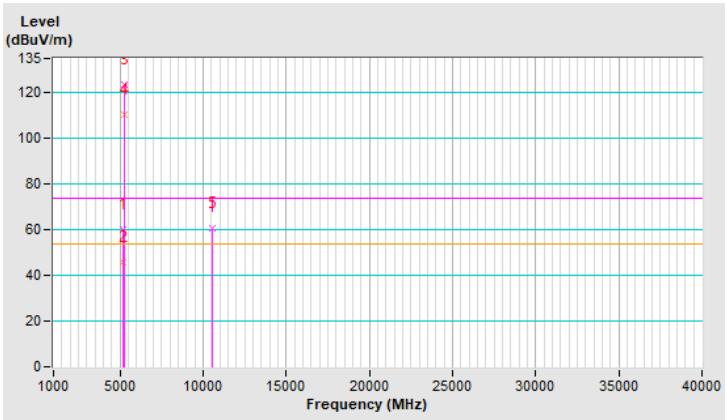


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 54：5270 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.63 V	341	53.6	6.6
2	5150.00	45.6 AV	54.0	-8.4	1.63 V	341	39.0	6.6
3	*5270.00	123.8 PK			1.52 V	352	81.9	41.9
4	*5270.00	110.6 AV			1.52 V	352	68.7	41.9
5	#10540.00	60.4 PK	68.2	-7.8	1.31 V	329	42.8	17.6
	15810.00	-	-	-	-	-	-	-
	21080.00	-	-	-	-	-	-	-
	26350.00	-	-	-	-	-	-	-
	31620.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

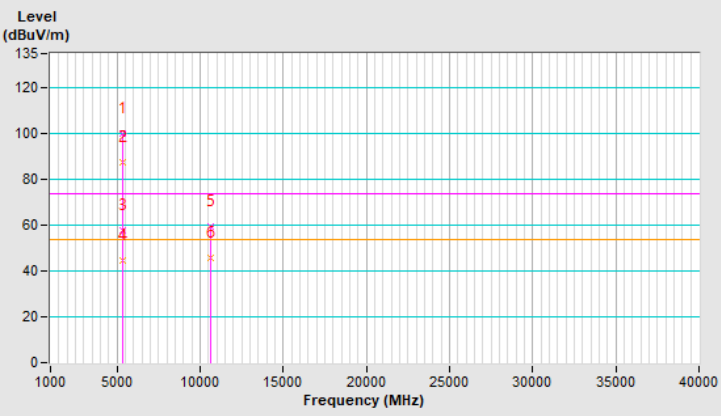


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	100.3 PK			1.82 H	225	58.3	42.0
2	*5310.00	87.4 AV			1.82 H	225	45.4	42.0
3	5350.00	57.9 PK	74.0	-16.1	1.77 H	221	51.5	6.4
4	5350.00	44.4 AV	54.0	-9.6	1.77 H	221	38.0	6.4
5	10620.00	59.5 PK	74.0	-14.5	1.63 H	166	42.1	17.4
6	10620.00	45.9 AV	54.0	-8.1	1.63 H	166	28.5	17.4
	15930.00	-	-	-	-	-	-	-
	21240.00	-	-	-	-	-	-	-
	26550.00	-	-	-	-	-	-	-
	31860.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

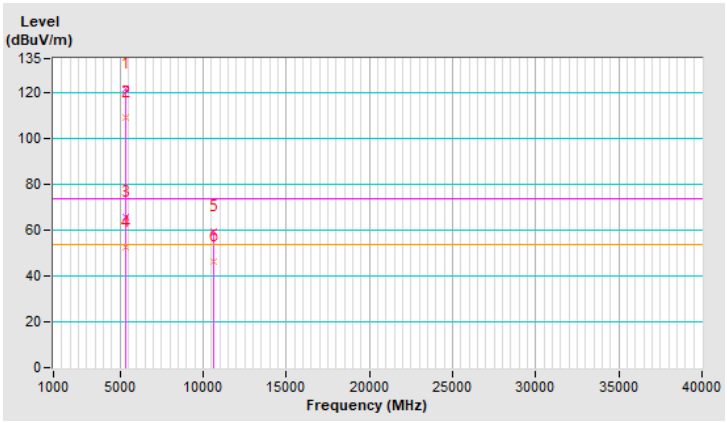


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 62：5310 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	121.6 PK			1.81 V	172	79.6	42.0
2	*5310.00	109.0 AV			1.81 V	172	67.0	42.0
3	5350.00	65.8 PK	74.0	-8.2	1.84 V	145	59.4	6.4
4	5350.00	52.7 AV	54.0	-1.3	1.84 V	145	46.3	6.4
5	10620.00	59.4 PK	74.0	-14.6	1.45 V	359	42.0	17.4
6	10620.00	46.3 AV	54.0	-7.7	1.45 V	359	28.9	17.4
	15930.00	-	-	-	-	-	-	-
	21240.00	-	-	-	-	-	-	-
	26550.00	-	-	-	-	-	-	-
	31860.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

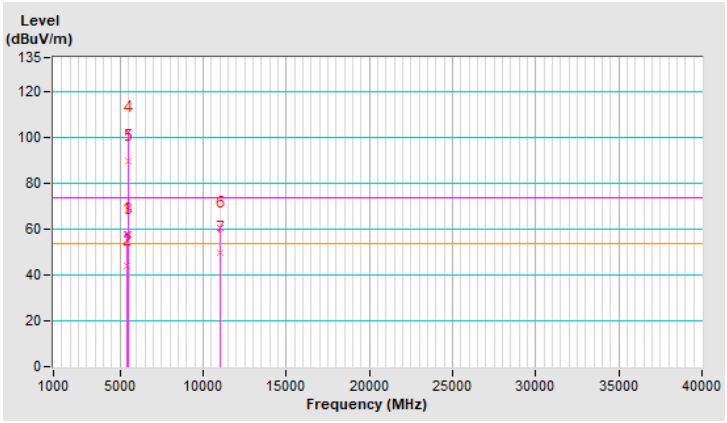


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.30 H	197	51.5	6.3
2	5460.00	44.1 AV	54.0	-9.9	1.30 H	197	37.8	6.3
3	#5470.00	57.6 PK	68.2	-10.6	1.33 H	204	51.3	6.3
4	*5510.00	102.5 PK			1.26 H	206	60.4	42.1
5	*5510.00	90.0 AV			1.26 H	206	47.9	42.1
6	11020.00	60.5 PK	74.0	-13.5	1.37 H	38	41.9	18.6
7	11020.00	49.9 AV	54.0	-4.1	1.37 H	38	31.3	18.6
	16530.00	-	-	-	-	-	-	-
	22040.00	-	-	-	-	-	-	-
	27550.00	-	-	-	-	-	-	-
	33060.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

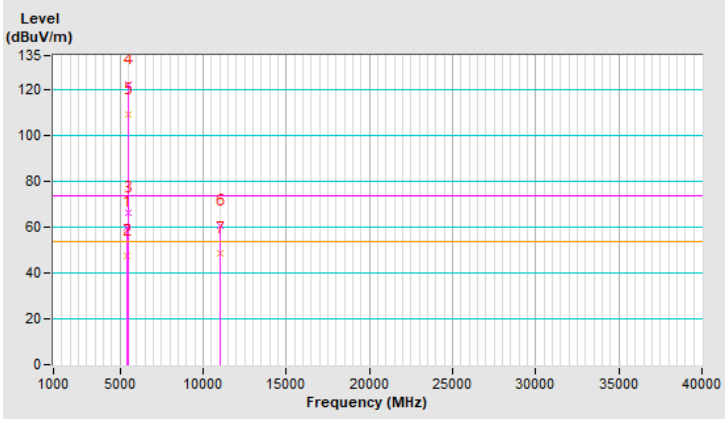


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 102：5510 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.66 V	170	53.5	6.3
2	5460.00	47.4 AV	54.0	-6.6	1.66 V	170	41.1	6.3
3	#5470.00	66.6 PK	68.2	-1.6	1.70 V	167	60.3	6.3
4	*5510.00	122.2 PK			1.74 V	168	80.1	42.1
5	*5510.00	109.3 AV			1.74 V	168	67.2	42.1
6	11020.00	60.7 PK	74.0	-13.3	2.05 V	319	42.1	18.6
7	11020.00	48.8 AV	54.0	-5.2	2.05 V	319	30.2	18.6
	16530.00	-	-	-	-	-	-	-
	22040.00	-	-	-	-	-	-	-
	27550.00	-	-	-	-	-	-	-
	33060.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

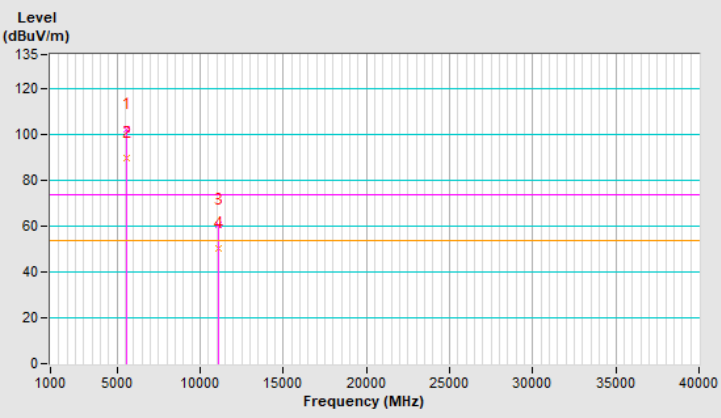


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	102.3 PK			1.61 H	204	60.2	42.1
2	*5550.00	89.6 AV			1.61 H	204	47.5	42.1
3	11100.00	60.5 PK	74.0	-13.5	1.49 H	39	42.2	18.3
4	11100.00	50.5 AV	54.0	-3.5	1.49 H	39	32.2	18.3
	16650.00	-	-	-	-	-	-	-
	22200.00	-	-	-	-	-	-	-
	27750.00	-	-	-	-	-	-	-
	33300.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

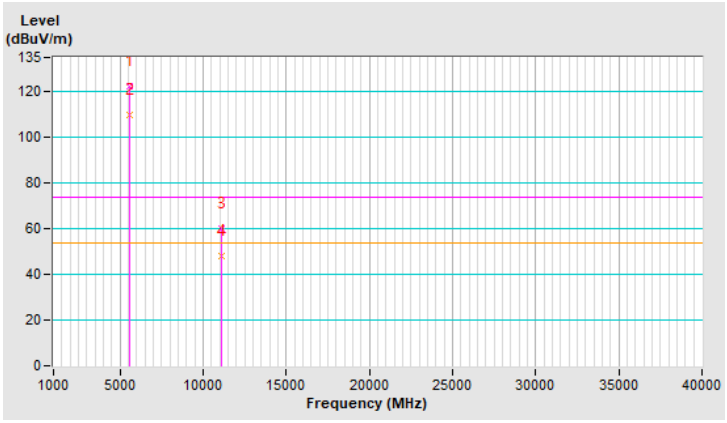


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 110：5550 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	122.3 PK			1.76 V	171	80.2	42.1
2	*5550.00	109.6 AV			1.76 V	171	67.5	42.1
3	11100.00	60.0 PK	74.0	-14.0	2.00 V	323	41.7	18.3
4	11100.00	47.9 AV	54.0	-6.1	2.00 V	323	29.6	18.3
	16650.00	-	-	-	-	-	-	-
	22200.00	-	-	-	-	-	-	-
	27750.00	-	-	-	-	-	-	-
	33300.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

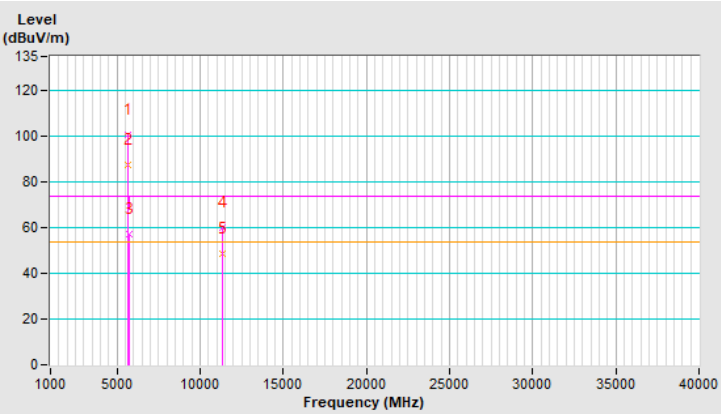


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	100.4 PK			1.32 H	190	58.2	42.2
2	*5670.00	87.5 AV			1.32 H	190	45.3	42.2
3	#5725.00	57.0 PK	68.2	-11.2	1.35 H	200	50.5	6.5
4	11340.00	60.3 PK	74.0	-13.7	1.29 H	42	42.2	18.1
5	11340.00	48.9 AV	54.0	-5.1	1.29 H	42	30.8	18.1
	17010.00	-	-	-	-	-	-	-
	22680.00	-	-	-	-	-	-	-
	28350.00	-	-	-	-	-	-	-
	34020.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

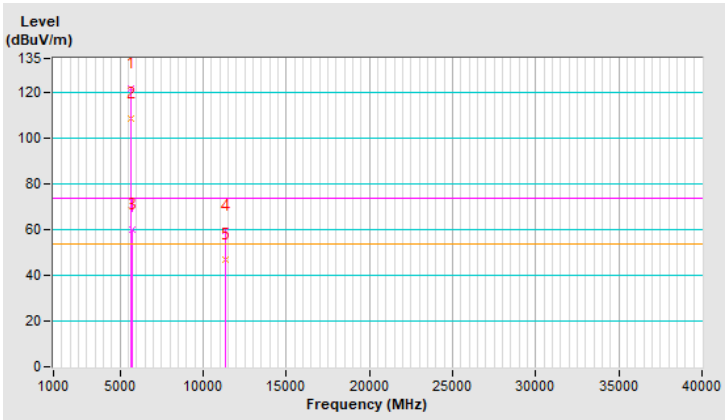


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 134：5670 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	121.6 PK			1.57 V	174	79.4	42.2
2	*5670.00	108.6 AV			1.57 V	174	66.4	42.2
3	#5725.00	60.2 PK	68.2	-8.0	1.69 V	161	53.7	6.5
4	11340.00	59.5 PK	74.0	-14.5	1.61 V	339	41.4	18.1
5	11340.00	47.0 AV	54.0	-7.0	1.61 V	339	28.9	18.1
	17010.00	-	-	-	-	-	-	-
	22680.00	-	-	-	-	-	-	-
	28350.00	-	-	-	-	-	-	-
	34020.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

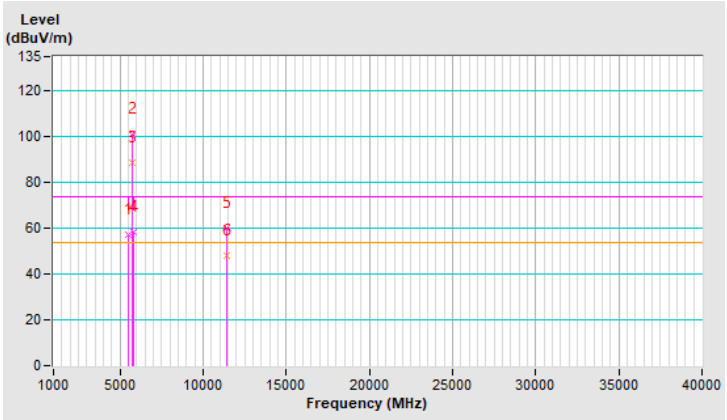


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.2 PK	68.2	-11.0	1.50 H	204	50.9	6.3
2	*5710.00	101.0 PK			1.43 H	192	58.7	42.3
3	*5710.00	88.6 AV			1.43 H	192	46.3	42.3
4	#5850.00	58.3 PK	68.2	-9.9	1.44 H	198	51.5	6.8
5	11420.00	59.8 PK	74.0	-14.2	1.32 H	51	41.9	17.9
6	11420.00	47.9 AV	54.0	-6.1	1.32 H	51	30.0	17.9
	17130.00	-	-	-	-	-	-	-
	22840.00	-	-	-	-	-	-	-
	28550.00	-	-	-	-	-	-	-
	34260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

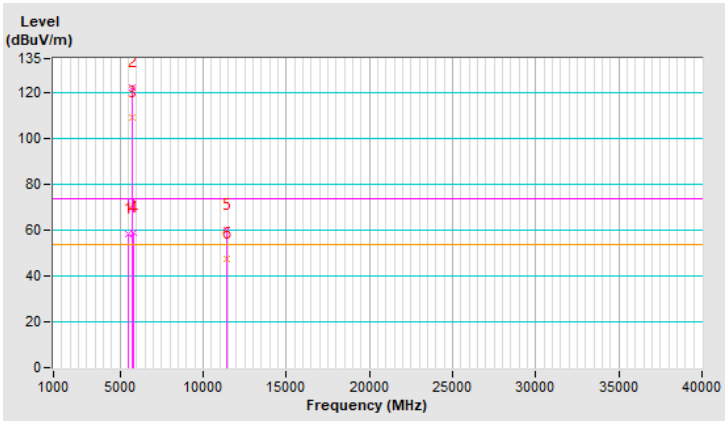


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 142：5710 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.69 V	169	52.2	6.3
2	*5710.00	122.4 PK			1.58 V	168	80.1	42.3
3	*5710.00	109.5 AV			1.58 V	168	67.2	42.3
4	#5850.00	59.0 PK	68.2	-9.2	1.61 V	172	52.2	6.8
5	11420.00	60.2 PK	74.0	-13.8	1.75 V	341	42.3	17.9
6	11420.00	47.6 AV	54.0	-6.4	1.75 V	341	29.7	17.9
	17130.00	-	-	-	-	-	-	-
	22840.00	-	-	-	-	-	-	-
	28550.00	-	-	-	-	-	-	-
	34260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

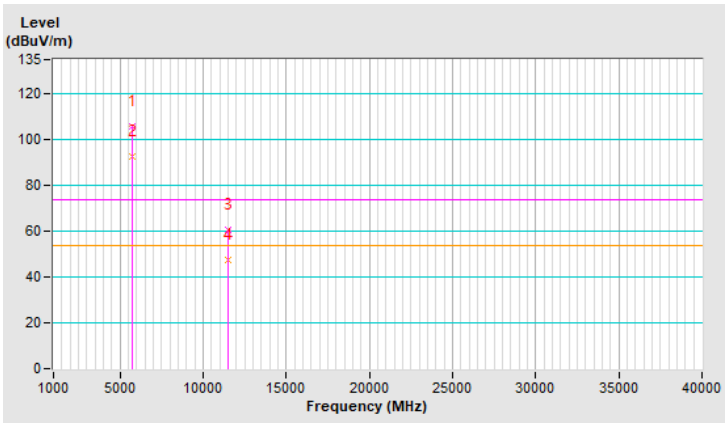


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	105.6 PK			2.51 H	203	63.6	42.0
2	*5755.00	92.7 AV			2.51 H	203	50.7	42.0
3	11510.00	60.6 PK	74.0	-13.4	1.92 H	60	42.7	17.9
4	11510.00	47.4 AV	54.0	-6.6	1.92 H	60	29.5	17.9
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

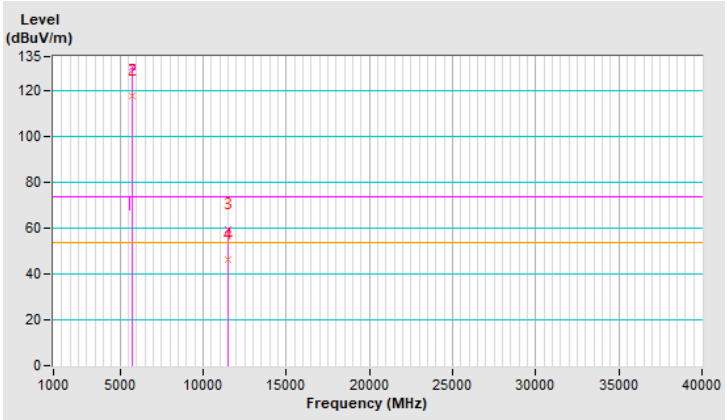


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151：5755 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	130.5 PK			1.82 V	167	88.5	42.0
2	*5755.00	117.7 AV			1.82 V	167	75.7	42.0
3	11510.00	59.7 PK	74.0	-14.3	2.10 V	347	41.8	17.9
4	11510.00	46.4 AV	54.0	-7.6	2.10 V	347	28.5	17.9
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

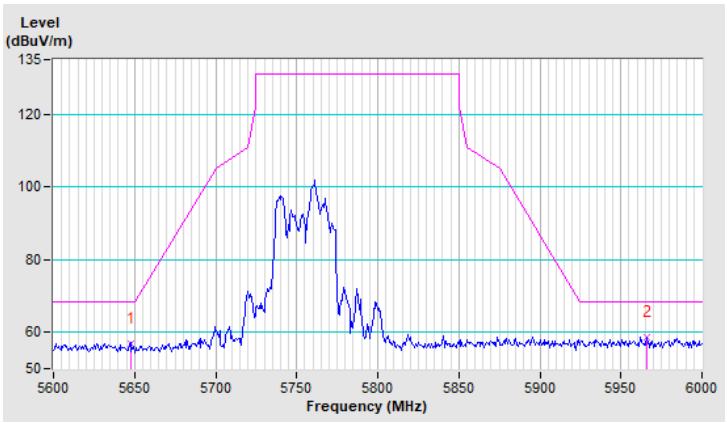


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151 : 5755 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.0 PK	68.2	-11.2	2.51 H	203	50.8	6.2
2	#5966.03	58.7 PK	68.2	-9.5	2.51 H	203	51.7	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

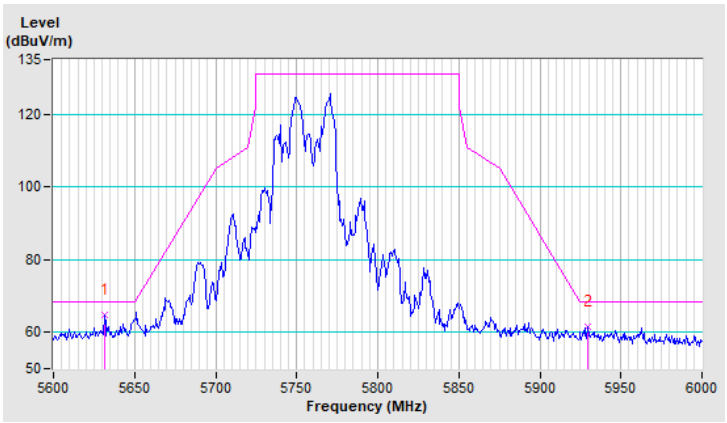


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 151 : 5755 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.41	64.7 PK	68.2	-3.5	1.82 V	167	58.5	6.2
2	#5929.49	61.7 PK	68.2	-6.5	1.82 V	167	54.7	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

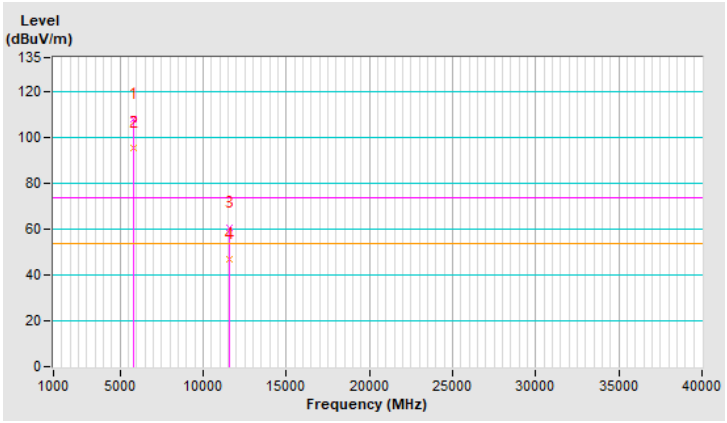


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	108.2 PK			2.49 H	161	66.2	42.0
2	*5795.00	95.5 AV			2.49 H	161	53.5	42.0
3	11590.00	60.5 PK	74.0	-13.5	1.82 H	70	43.0	17.5
4	11590.00	47.0 AV	54.0	-7.0	1.82 H	70	29.5	17.5
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

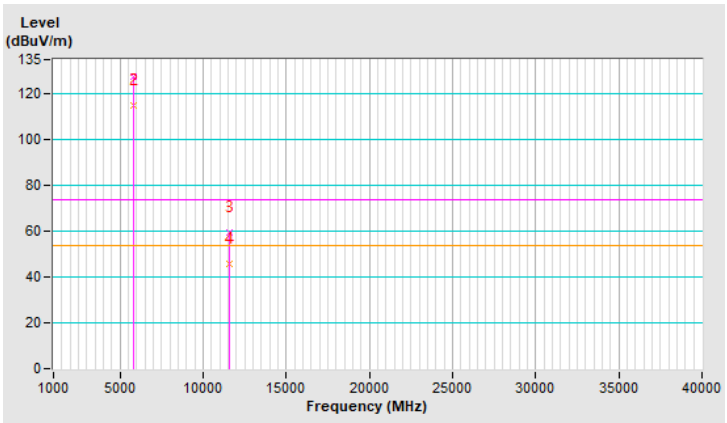


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159：5795 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	127.7 PK			1.81 V	160	85.7	42.0
2	*5795.00	114.8 AV			1.81 V	160	72.8	42.0
3	11590.00	59.4 PK	74.0	-14.6	1.99 V	334	41.9	17.5
4	11590.00	45.9 AV	54.0	-8.1	1.99 V	334	28.4	17.5
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

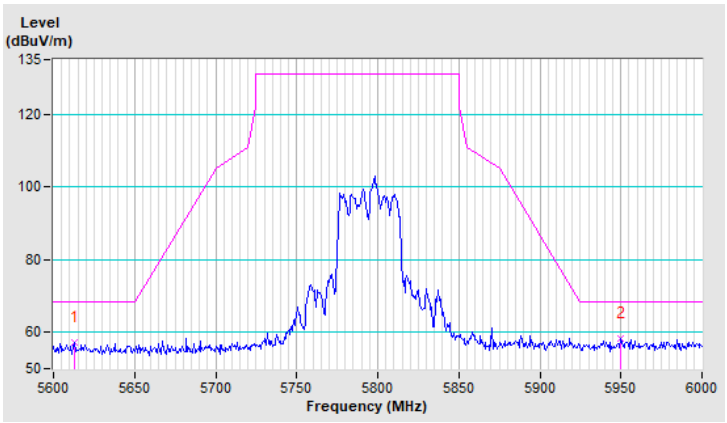


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159 : 5795 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.82	57.3 PK	68.2	-10.9	2.49 H	161	51.2	6.1
2	#5950.00	58.2 PK	68.2	-10.0	2.49 H	161	51.2	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

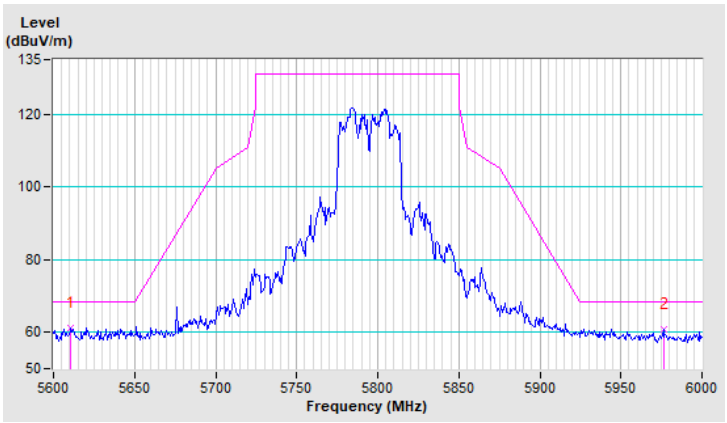


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 159 : 5795 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.90	61.0 PK	68.2	-7.2	1.81 V	160	54.9	6.1
2	#5976.28	60.9 PK	68.2	-7.3	1.81 V	160	54.0	6.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



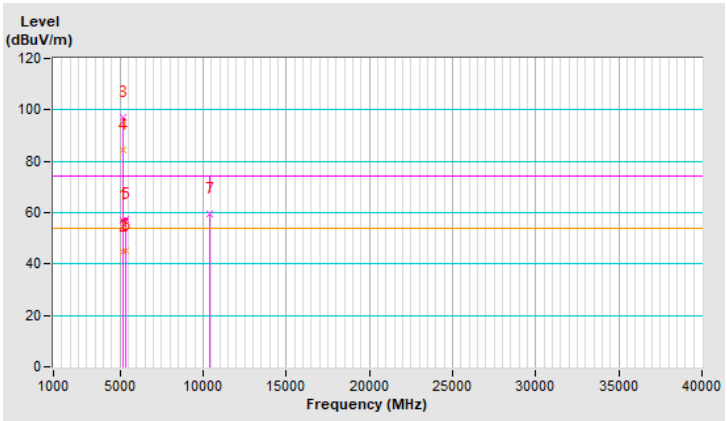
802.11ax (HE80)

操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 42：5210 MHz	測試儀器：	(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 11 月 20 日	測試者：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.0 PK	74.0	-17.0	1.62 H	186	50.5	6.5
2	5150.00	44.7 AV	54.0	-9.3	1.62 H	186	38.2	6.5
3	*5210.00	97.0 PK			1.58 H	182	54.9	42.1
4	*5210.00	84.5 AV			1.58 H	182	42.4	42.1
5	5350.00	57.3 PK	74.0	-16.7	1.66 H	190	51.1	6.2
6	5350.00	45.3 AV	54.0	-8.7	1.66 H	190	39.1	6.2
7	#10420.00	59.3 PK	68.2	-8.9	1.53 H	42	42.2	17.1
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

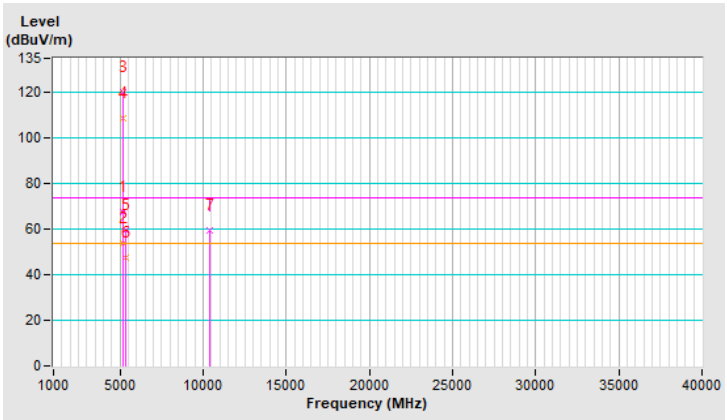


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	67.5 PK	74.0	-6.5	1.98 V	170	60.9	6.6
2	5150.00	54.0 AV	54.0	0.0	1.98 V	170	47.4	6.6
3	*5210.00	119.9 PK			1.70 V	170	77.8	42.1
4	*5210.00	108.7 AV			1.70 V	170	66.6	42.1
5	5350.00	59.5 PK	74.0	-14.6	1.82 V	169	53.1	6.4
6	5350.00	47.3 AV	54.0	-6.7	1.82 V	169	40.9	6.4
7	#10420.00	59.4 PK	68.2	-8.8	2.13 V	308	42.2	17.2
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

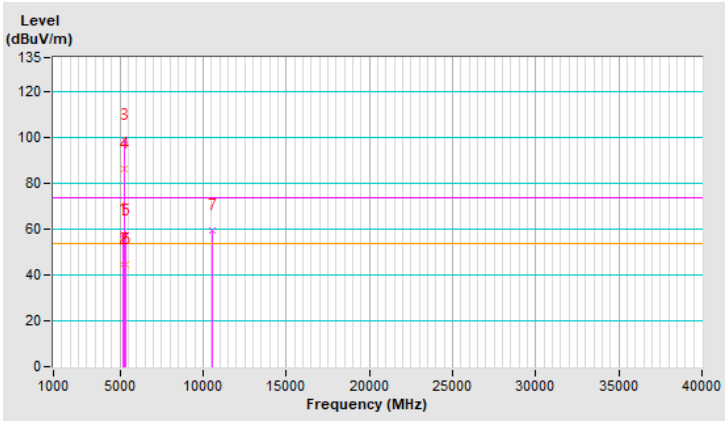


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.8 PK	74.0	-16.2	1.50 H	203	51.2	6.6
2	5150.00	44.7 AV	54.0	-9.3	1.50 H	203	38.1	6.6
3	*5290.00	99.2 PK			1.34 H	193	57.3	41.9
4	*5290.00	86.2 AV			1.34 H	193	44.3	41.9
5	5350.00	57.1 PK	74.0	-16.9	1.45 H	199	50.7	6.4
6	5350.00	44.4 AV	54.0	-9.6	1.45 H	199	38.0	6.4
7	#10580.00	59.4 PK	68.2	-8.8	1.79 H	166	42.0	17.4
	15870.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

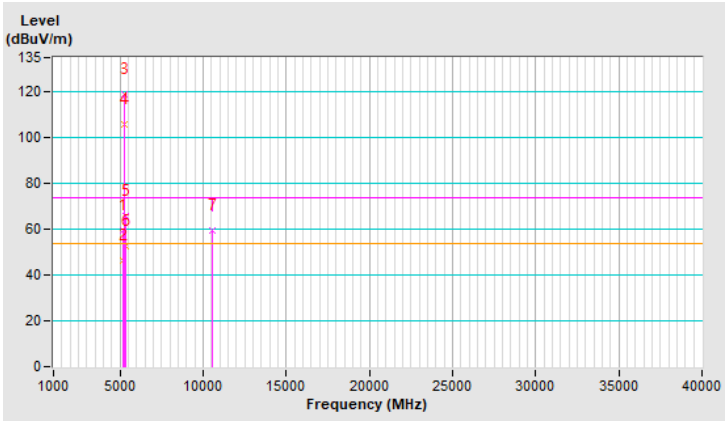


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 58：5290 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 12 月 31 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	59.6 PK	74.0	-14.4	1.72 V	339	53.0	6.6
2	5150.00	46.3 AV	54.0	-7.7	1.72 V	339	39.7	6.6
3	*5290.00	119.1 PK			1.81 V	168	77.2	41.9
4	*5290.00	106.0 AV			1.81 V	168	64.1	41.9
5	5350.00	65.5 PK	74.0	-8.5	1.65 V	342	59.1	6.4
6	5350.00	52.4 AV	54.0	-1.6	1.65 V	342	46.0	6.4
7	#10580.00	59.5 PK	68.2	-8.7	1.33 V	351	42.1	17.4
	15870.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

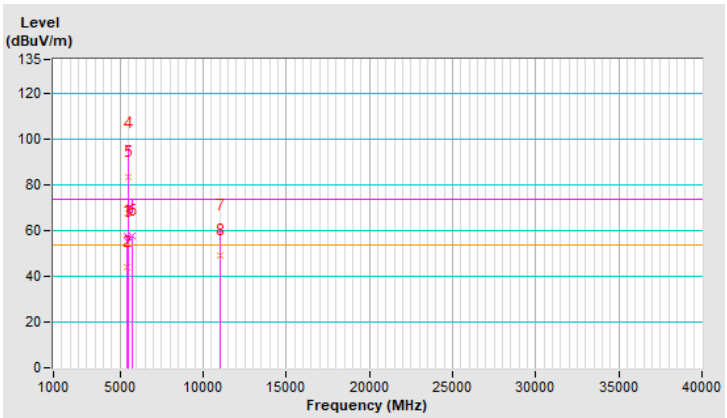


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.50 H	190	51.7	6.3
2	5460.00	44.0 AV	54.0	-10.0	1.50 H	190	37.7	6.3
3	#5470.00	57.2 PK	68.2	-11.0	1.55 H	196	50.9	6.3
4	*5530.00	96.3 PK			1.57 H	194	54.2	42.1
5	*5530.00	83.7 AV			1.57 H	194	41.6	42.1
6	#5725.00	58.0 PK	68.2	-10.2	1.60 H	201	51.5	6.5
7	11060.00	60.2 PK	74.0	-13.8	1.33 H	27	41.8	18.4
8	11060.00	49.0 AV	54.0	-5.0	1.33 H	27	30.6	18.4
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

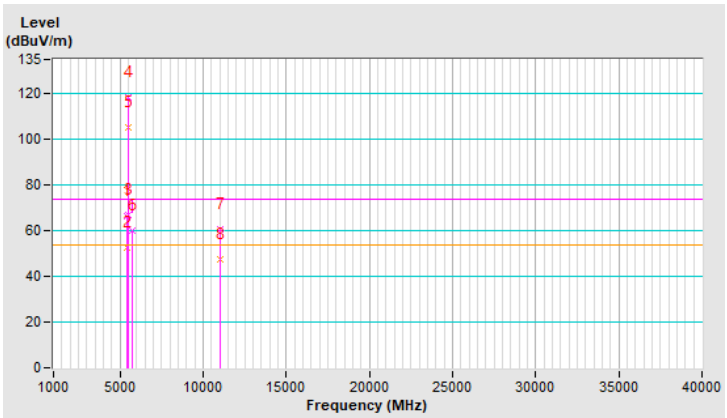


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 106：5530 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.6 PK	74.0	-7.4	1.70 V	167	60.3	6.3
2	5460.00	52.5 AV	54.0	-1.5	1.70 V	167	46.2	6.3
3	#5470.00	66.8 PK	68.2	-1.4	1.55 V	175	60.5	6.3
4	*5530.00	118.3 PK			1.75 V	168	76.2	42.1
5	*5530.00	105.5 AV			1.75 V	168	63.4	42.1
6	#5725.00	60.0 PK	68.2	-8.2	1.67 V	170	53.5	6.5
7	11060.00	60.9 PK	74.0	-13.1	1.61 V	350	42.5	18.4
8	11060.00	47.4 AV	54.0	-6.6	1.61 V	350	29.0	18.4
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

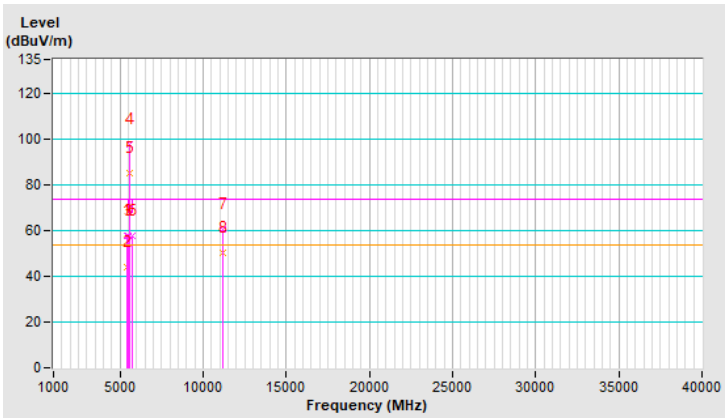


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.7 PK	74.0	-16.3	1.49 H	203	51.4	6.3
2	5460.00	44.0 AV	54.0	-10.0	1.49 H	203	37.7	6.3
3	#5470.00	57.6 PK	68.2	-10.6	1.44 H	199	51.3	6.3
4	*5610.00	97.8 PK			1.45 H	205	55.7	42.1
5	*5610.00	85.5 AV			1.45 H	205	43.4	42.1
6	#5725.00	58.0 PK	68.2	-10.2	1.51 H	207	51.5	6.5
7	11220.00	60.7 PK	74.0	-13.3	1.49 H	49	42.2	18.5
8	11220.00	50.1 AV	54.0	-3.9	1.49 H	49	31.6	18.5
	16830.00	-	-	-	-	-	-	-
	22440.00	-	-	-	-	-	-	-
	28050.00	-	-	-	-	-	-	-
	33660.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

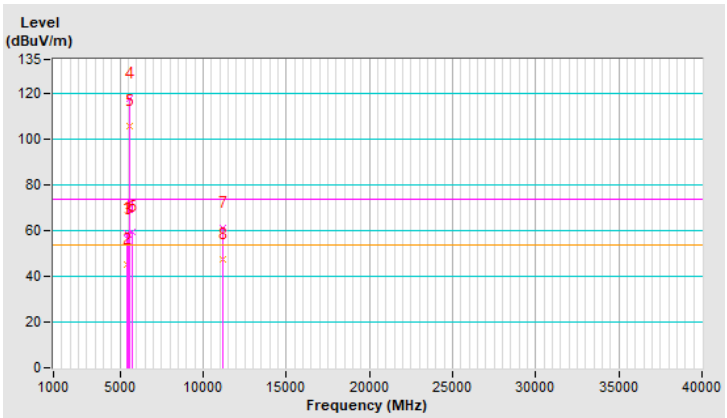


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 122：5610 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	58.9 PK	74.0	-15.1	1.75 V	161	52.6	6.3
2	5460.00	45.3 AV	54.0	-8.7	1.75 V	161	39.0	6.3
3	#5470.00	58.5 PK	68.2	-9.7	1.70 V	166	52.2	6.3
4	*5610.00	118.1 PK			1.75 V	167	76.0	42.1
5	*5610.00	106.0 AV			1.75 V	167	63.9	42.1
6	#5725.00	59.7 PK	68.2	-8.5	1.63 V	165	53.2	6.5
7	11220.00	61.0 PK	74.0	-13.0	1.75 V	353	42.5	18.5
8	11220.00	47.6 AV	54.0	-6.4	1.75 V	353	29.1	18.5
	16830.00	-	-	-	-	-	-	-
	22440.00	-	-	-	-	-	-	-
	28050.00	-	-	-	-	-	-	-
	33660.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

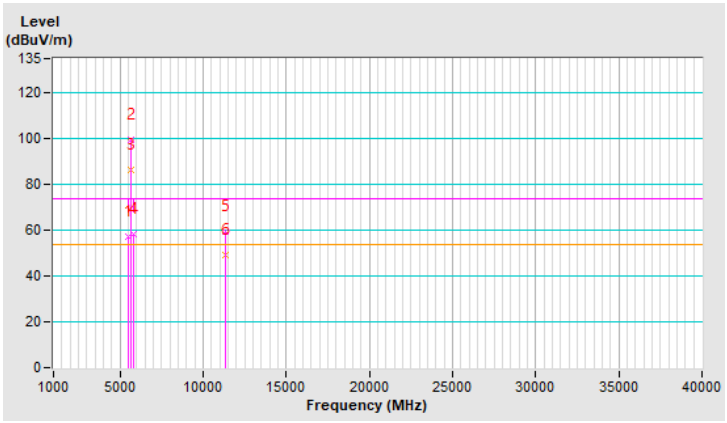


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.0 PK	68.2	-11.2	1.40 H	199	50.7	6.3
2	*5690.00	99.4 PK			1.35 H	193	57.1	42.3
3	*5690.00	86.2 AV			1.35 H	193	43.9	42.3
4	#5850.00	58.6 PK	68.2	-9.6	1.33 H	200	51.8	6.8
5	11380.00	59.6 PK	74.0	-14.4	1.36 H	43	41.8	17.8
6	11380.00	49.0 AV	54.0	-5.0	1.36 H	43	31.2	17.8
	17070.00	-	-	-	-	-	-	-
	22760.00	-	-	-	-	-	-	-
	28450.00	-	-	-	-	-	-	-
	34140.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

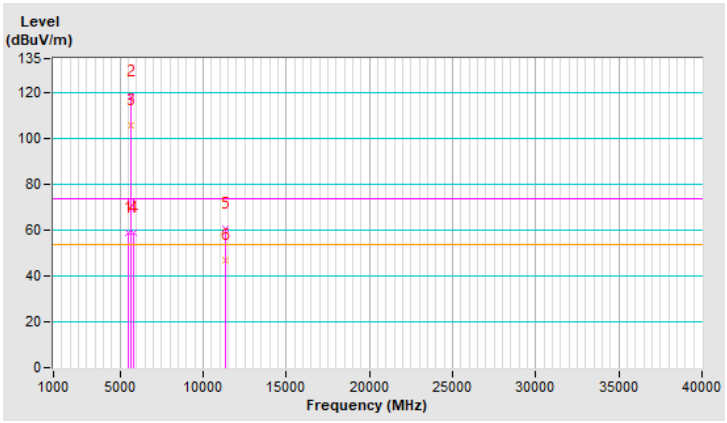


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 138：5690 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 04 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	59.2 PK	68.2	-9.0	1.63 V	170	52.9	6.3
2	*5690.00	118.6 PK			1.73 V	165	76.3	42.3
3	*5690.00	105.8 AV			1.73 V	165	63.5	42.3
4	#5850.00	58.9 PK	68.2	-9.3	1.61 V	173	52.1	6.8
5	11380.00	60.4 PK	74.0	-13.6	1.85 V	350	42.6	17.8
6	11380.00	46.7 AV	54.0	-7.3	1.85 V	350	28.9	17.8
	17070.00	-	-	-	-	-	-	-
	22760.00	-	-	-	-	-	-	-
	28450.00	-	-	-	-	-	-	-
	34140.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

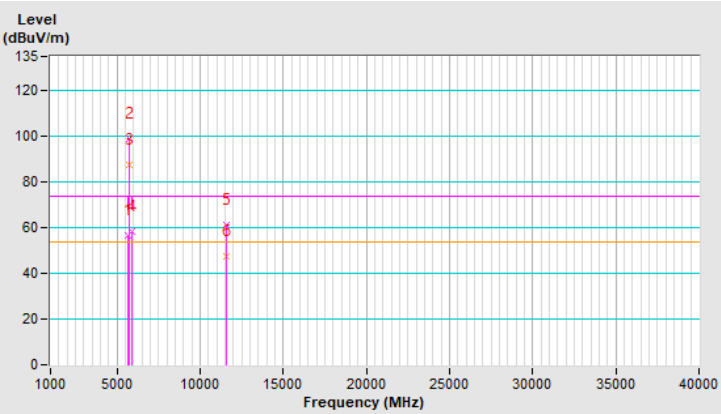


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.7 PK	68.2	-11.5	2.03 H	222	50.6	6.1
2	*5775.00	99.1 PK			2.16 H	212	57.1	42.0
3	*5775.00	87.7 AV			2.16 H	212	45.7	42.0
4	#5925.00	58.3 PK	68.2	-9.9	2.22 H	220	51.3	7.0
5	11550.00	61.1 PK	74.0	-12.9	1.85 H	77	43.3	17.8
6	11550.00	47.7 AV	54.0	-6.3	1.85 H	77	29.9	17.8
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

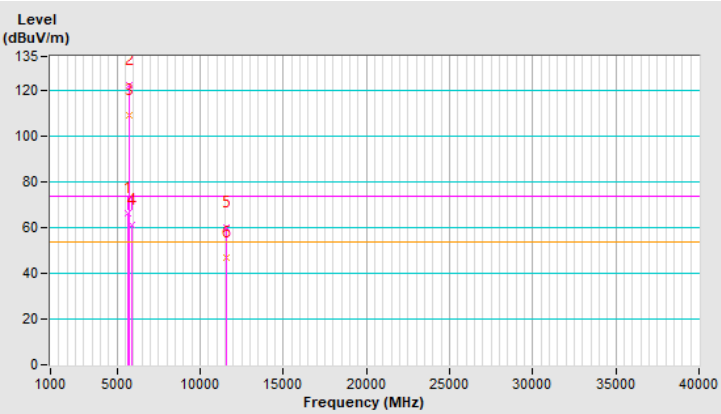


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.5 PK	68.2	-1.7	1.82 V	159	60.4	6.1
2	*5775.00	122.3 PK			1.83 V	159	80.3	42.0
3	*5775.00	109.5 AV			1.83 V	159	67.5	42.0
4	#5925.00	61.3 PK	68.2	-6.9	1.76 V	166	54.3	7.0
5	11550.00	60.1 PK	74.0	-13.9	1.97 V	353	42.3	17.8
6	11550.00	46.9 AV	54.0	-7.1	1.97 V	353	29.1	17.8
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

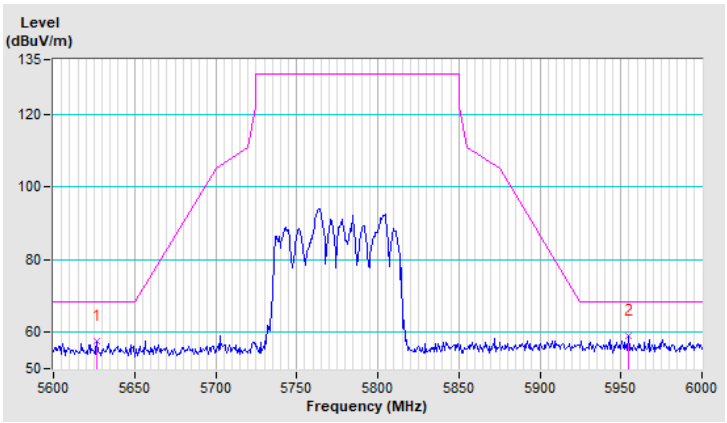


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155 : 5775 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5626.92	57.4 PK	68.2	-10.8	2.16 H	212	51.3	6.1
2	#5954.49	59.1 PK	68.2	-9.1	2.16 H	212	52.1	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

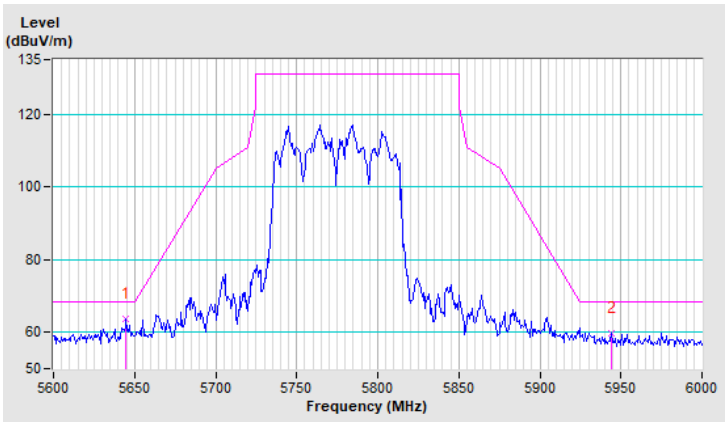


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 155 : 5775 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	109 年 11 月 20 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	63.6 PK	68.2	-4.6	1.83 V	159	57.4	6.2
2	#5944.23	59.8 PK	68.2	-8.4	1.83 V	159	52.8	7.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



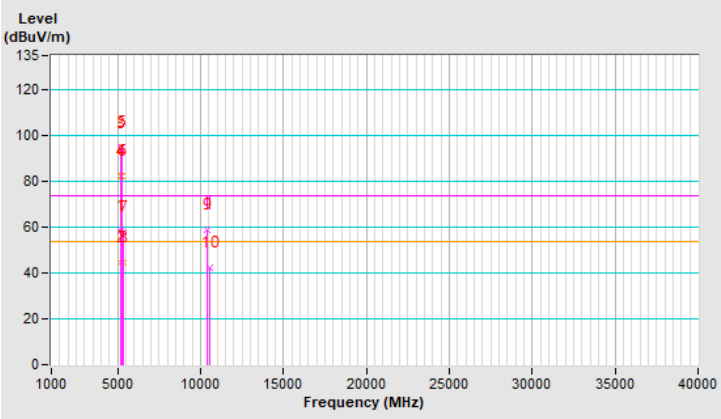
802.11ax (HE80+80)

操作模式：	發射	調變技術：	OFDMA+ OFDMA
基本波頻率：	CH 42+58：5210+5290 MHz	測試儀器：	(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 03 月 09 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.66 H	215	51.6	6.6
2	5150.00	44.8 AV	54.0	-9.2	1.66 H	215	38.2	6.6
3	5210.00	94.4 PK			1.67 H	236	52.4	42.0
4	5210.00	82.1 AV			1.67 H	236	40.1	42.0
5	5290.00	95.1 PK			1.67 H	187	53.2	41.9
6	*5290.00	82.1 AV			1.67 H	187	40.2	41.9
7	5350.00	58.0 PK	74.0	-16.0	1.77 H	230	51.6	6.4
8	5350.00	44.6 AV	54.0	-9.4	1.77 H	230	38.2	6.4
9	#10420.00	59.1 PK	68.2	-9.1	1.55 H	191	41.9	17.2
10	#10580.00	42.1 PK	68.2	-26.1	1.58 H	193	24.7	17.4
	15630.00	-	-	-	-	-	-	-
	15870.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	36470.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

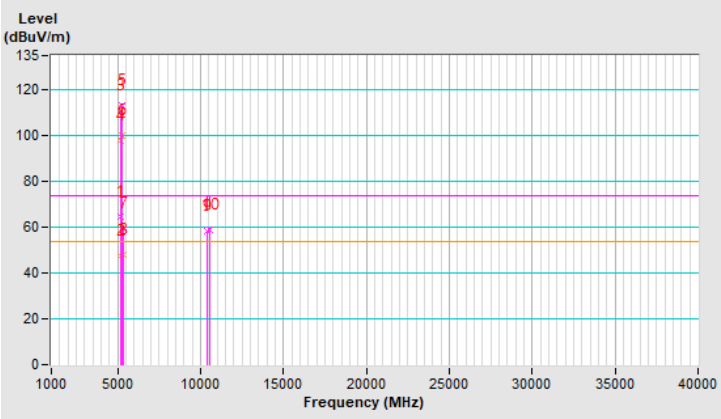

Level
(dBuV/m)
135
120
100
80
60
40
20
0
1000
5000
10000
15000
20000
25000
30000
35000
40000
Frequency (MHz)
5
6
7
8
9
10

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA+ OFDMA
基 本 波 頻 率 ：	CH 42+58：5210+5290 MHz	測 試 儀 器 ：	(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 03 月 09 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	64.7 PK	74.0	-9.3	1.63 V	176	58.1	6.6
2	5150.00	47.2 AV	54.0	-6.8	1.63 V	176	40.6	6.6
3	5210.00	111.1 PK			1.54 V	169	69.1	42.0
4	5210.00	97.7 AV			1.54 V	169	55.7	42.0
5	5290.00	113.4 PK			1.94 V	178	71.5	41.9
6	*5290.00	100.3 AV			1.94 V	178	58.4	41.9
7	5350.00	59.7 PK	74.0	-14.3	1.56 V	161	53.3	6.4
8	5350.00	48.2 AV	54.0	-5.8	1.56 V	161	41.8	6.4
9	#10420.00	58.5 PK	68.2	-9.7	1.58 V	355	41.3	17.2
10	#10580.00	58.9 PK	68.2	-9.3	1.57 V	349	41.5	17.4
	15630.00	-	-	-	-	-	-	-
	15870.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	36470.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

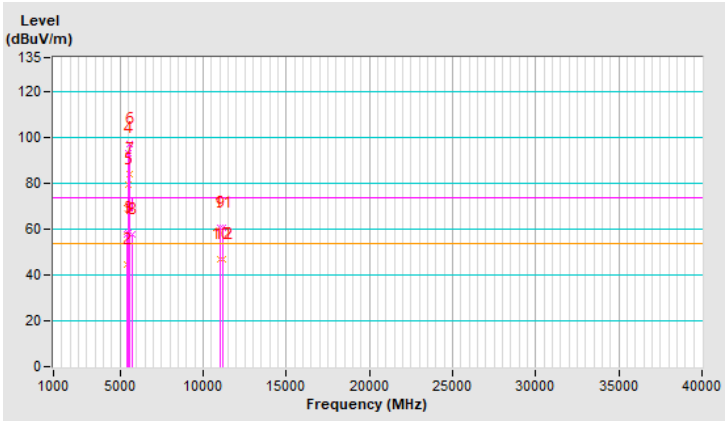

Level
(dBuV/m)
135
120
100
80
60
40
20
0
1000
5000
10000
15000
20000
25000
30000
35000
40000
Frequency (MHz)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA+ OFDMA
基 本 波 頻 率 ：	CH 106+122：5530+5610 MHz	測 試 儀 器 ：	(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 03 月 09 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.60 H	180	51.7	6.3
2	5460.00	44.3 AV	54.0	-9.7	1.60 H	180	38.0	6.3
3	5470.00	58.1 PK	68.2	-10.1	1.57 H	183	51.8	6.3
4	5530.00	93.0 PK			1.57 H	184	50.9	42.1
5	5530.00	79.7 AV			1.57 H	184	37.6	42.1
6	5725.00	57.8 PK	68.2	-10.4	1.62 H	186	51.3	6.5
7	11060.00	60.4 PK	74.0	-13.6	1.66 H	150	42.0	18.4
8	11060.00	47.0 AV	54.0	-7.0	1.66 H	150	28.6	18.4
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

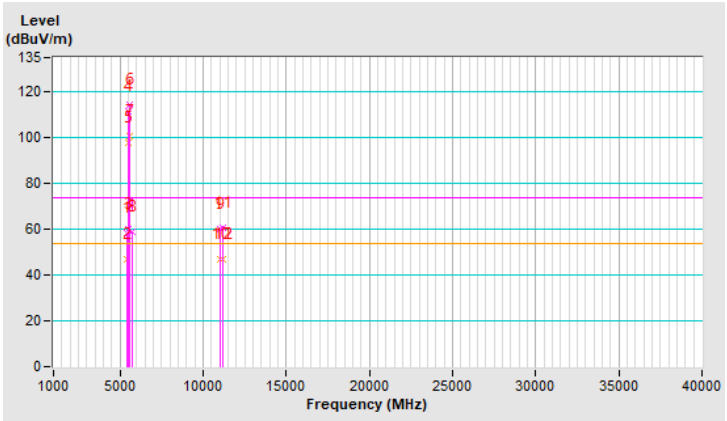


操 作 模 式 ：	發射	調 變 技 術 ：	OFDMA+ OFDMA
基 本 波 頻 率 ：	CH 106+122：5530+5610 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 03 月 09 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.54 V	164	52.0	6.3
2	5460.00	46.0 AV	54.0	-8.0	1.54 V	164	39.7	6.3
3	5470.00	60.3 PK	68.2	-7.9	1.53 V	166	54.0	6.3
4	5530.00	111.8 PK			1.54 V	177	69.7	42.1
5	5530.00	97.9 AV			1.54 V	177	55.8	42.1
6	5725.00	59.1 PK	68.2	-9.1	1.60 V	163	52.6	6.5
7	11060.00	60.1 PK	74.0	-13.9	1.82 V	347	41.7	18.4
8	11060.00	46.9 AV	54.0	-7.1	1.82 V	347	28.5	18.4
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



Scanning radio:

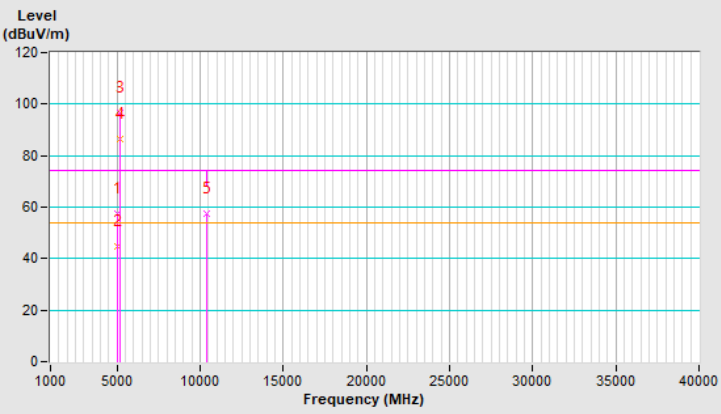
802.11a

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	57.6 PK	74.0	-16.4	1.33 H	215	51.6	6.0
2	5000.00	44.5 AV	54.0	-9.5	1.33 H	215	38.5	6.0
3	*5180.00	96.8 PK			1.32 H	204	54.6	42.2
4	*5180.00	86.4 AV			1.32 H	204	44.2	42.2
5	#10360.00	57.7 PK	68.2	-10.5	1.99 H	112	41.0	16.7
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

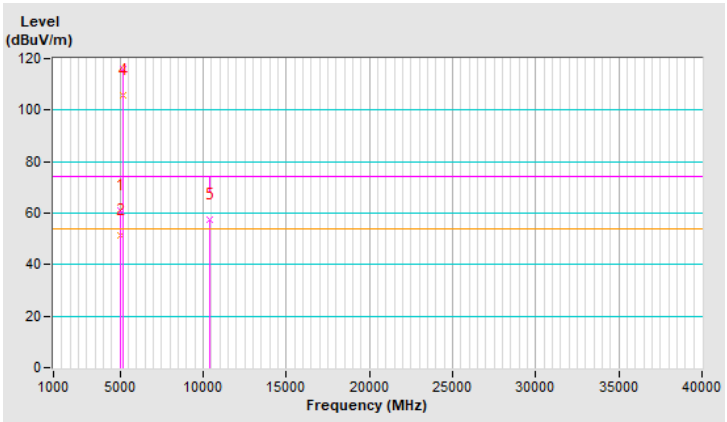


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	60.8 PK	74.0	-13.2	1.68 V	169	54.8	6.0
2	5000.00	51.2 AV	54.0	-2.8	1.68 V	169	45.2	6.0
3	*5180.00	116.0 PK			1.77 V	172	73.8	42.2
4	*5180.00	105.8 AV			1.77 V	172	63.6	42.2
5	#10360.00	57.5 PK	68.2	-10.7	1.55 V	73	40.8	16.7
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

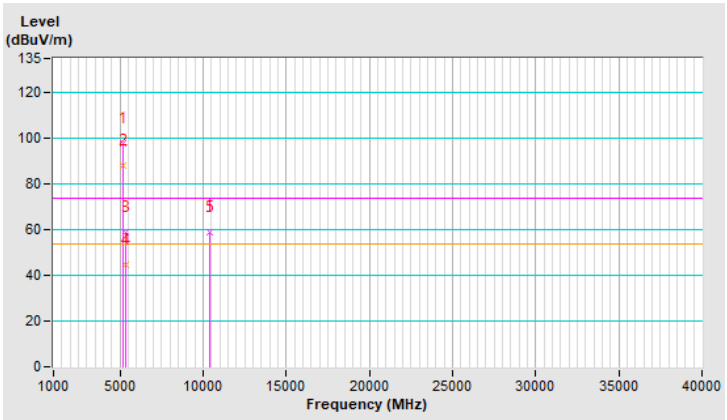


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 14 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	97.9 PK			1.50 H	107	55.8	42.1
2	*5200.00	88.0 AV			1.50 H	107	45.9	42.1
3	5350.00	58.8 PK	74.0	-15.2	1.61 H	119	52.4	6.4
4	5350.00	44.5 AV	54.0	-9.5	1.61 H	119	38.1	6.4
5	#10400.00	58.7 PK	68.2	-9.5	2.01 H	123	41.8	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

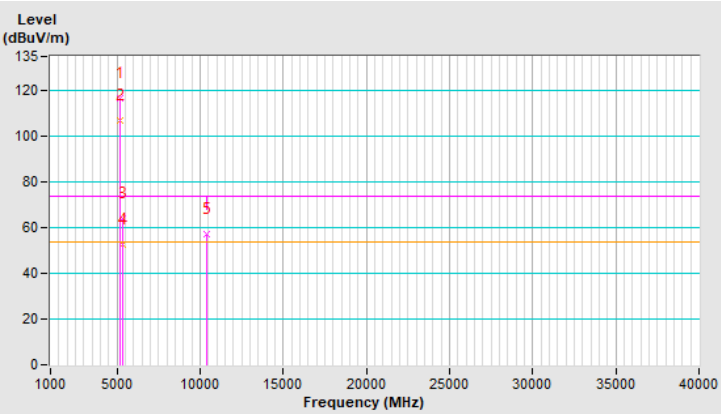


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	116.8 PK			1.78 V	170	74.7	42.1
2	*5200.00	106.7 AV			1.78 V	170	64.6	42.1
3	5350.00	64.1 PK	74.0	-9.9	1.64 V	175	57.7	6.4
4	5350.00	52.6 AV	54.0	-1.4	1.64 V	175	46.2	6.4
5	#10400.00	57.1 PK	68.2	-11.1	1.65 V	88	40.2	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

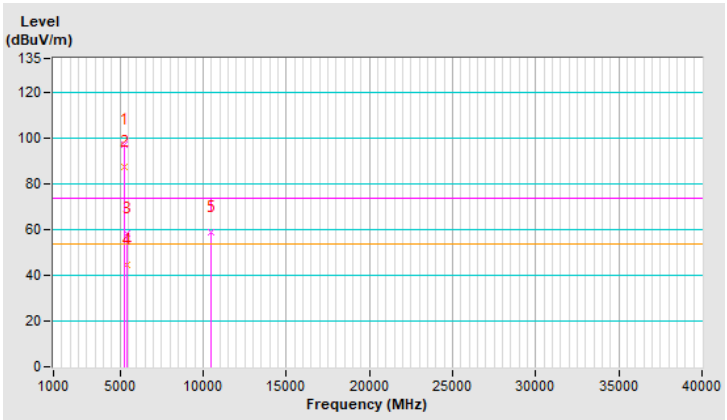


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	97.3 PK			1.63 H	115	55.3	42.0
2	*5240.00	87.4 AV			1.63 H	115	45.4	42.0
3	5402.00	58.2 PK	74.0	-15.8	1.72 H	123	51.7	6.5
4	5402.00	44.8 AV	54.0	-9.2	1.72 H	123	38.3	6.5
5	#10480.00	59.2 PK	68.2	-9.0	1.87 H	118	41.5	17.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

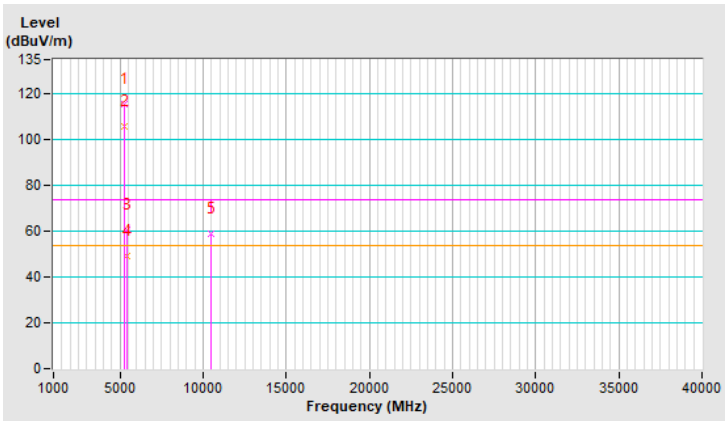


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.6 PK			1.81 V	167	73.6	42.0
2	*5240.00	105.7 AV			1.81 V	167	63.7	42.0
3	5402.00	60.9 PK	74.0	-13.1	1.78 V	172	54.4	6.5
4	5402.00	49.0 AV	54.0	-5.0	1.78 V	172	42.5	6.5
5	#10480.00	59.0 PK	68.2	-9.2	1.45 V	79	41.3	17.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

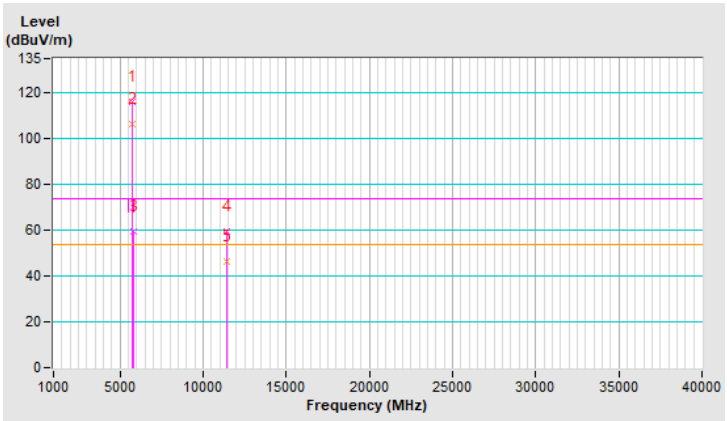


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	116.4 PK			1.45 V	166	74.2	42.2
2	*5720.00	106.4 AV			1.45 V	166	64.2	42.2
3	#5850.00	59.3 PK	68.2	-8.9	1.67 V	170	52.5	6.8
4	11440.00	59.6 PK	74.0	-14.4	1.75 V	88	41.6	18.0
5	11440.00	46.5 AV	54.0	-7.5	1.75 V	88	28.5	18.0
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

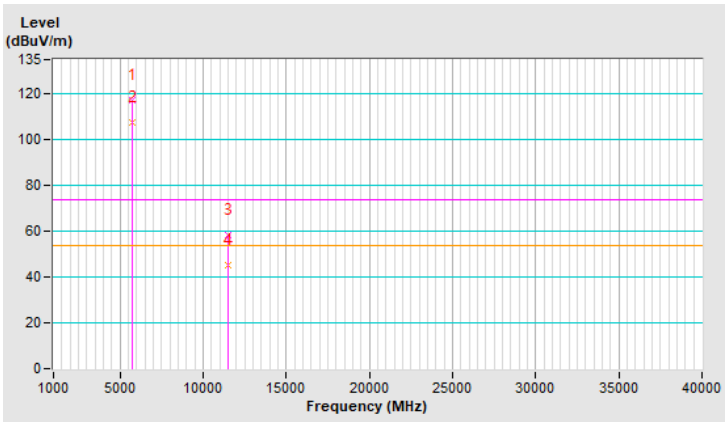


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	117.5 PK			1.55 V	350	75.3	42.2
2	*5745.00	107.4 AV			1.55 V	350	65.2	42.2
3	11490.00	58.4 PK	74.0	-15.6	1.80 V	249	40.1	18.3
4	11490.00	45.2 AV	54.0	-8.8	1.80 V	249	26.9	18.3
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

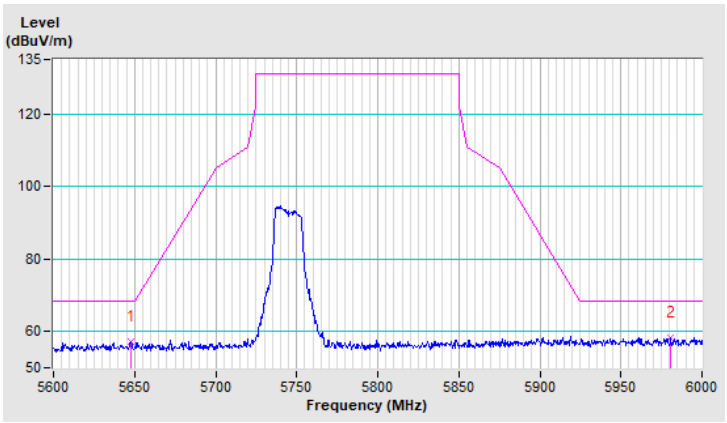


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.60	57.3 PK	68.2	-10.9	1.47 H	40	51.0	6.3
2	#5980.80	58.4 PK	68.2	-9.8	1.47 H	40	51.2	7.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

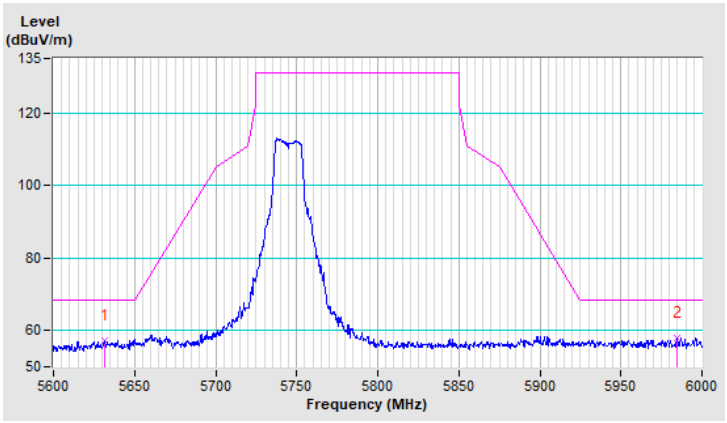


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.60	57.2 PK	68.2	-11.0	1.55 V	350	50.9	6.3
2	#5984.80	58.0 PK	68.2	-10.2	1.50 V	355	50.8	7.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

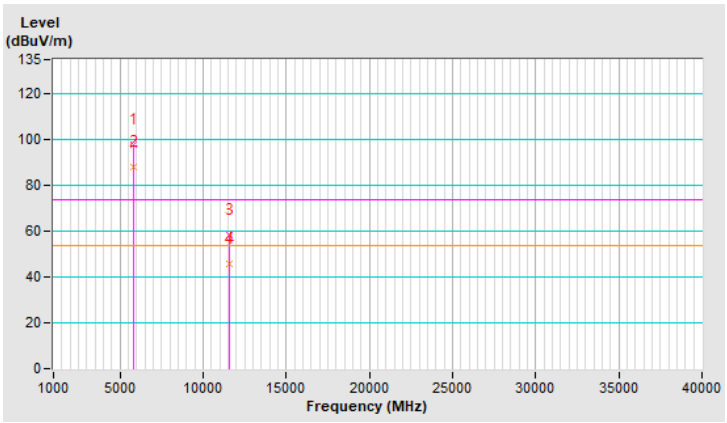


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	97.7 PK			1.14 H	148	55.5	42.2
2	*5785.00	88.3 AV			1.14 H	148	46.1	42.2
3	11570.00	58.5 PK	74.0	-15.5	2.00 H	159	40.5	18.0
4	11570.00	46.0 AV	54.0	-8.0	2.00 H	159	28.0	18.0
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

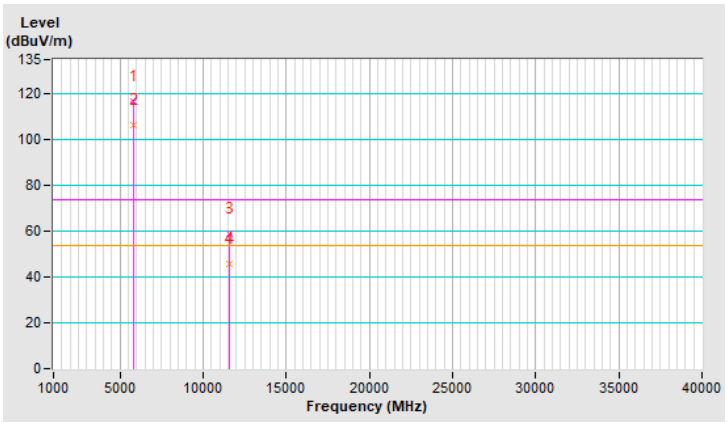


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	116.6 PK			1.54 V	348	74.4	42.2
2	*5785.00	106.3 AV			1.54 V	348	64.1	42.2
3	11570.00	59.0 PK	74.0	-15.0	1.75 V	213	41.0	18.0
4	11570.00	45.8 AV	54.0	-8.2	1.75 V	213	27.8	18.0
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

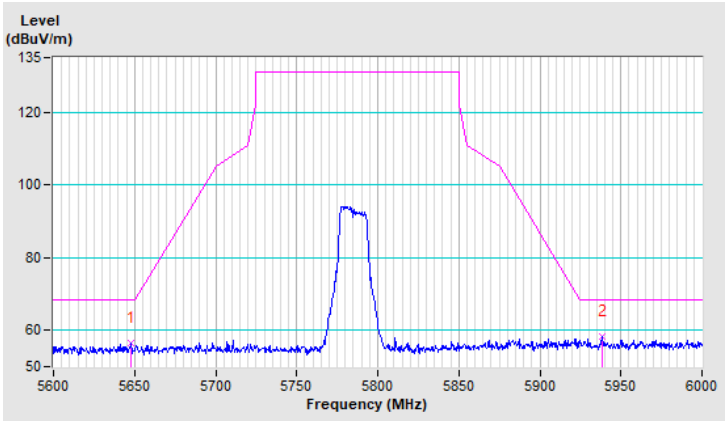


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	56.4 PK	68.2	-11.8	1.14 H	148	50.1	6.3
2	#5938.80	58.3 PK	68.2	-9.9	1.14 H	148	51.0	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

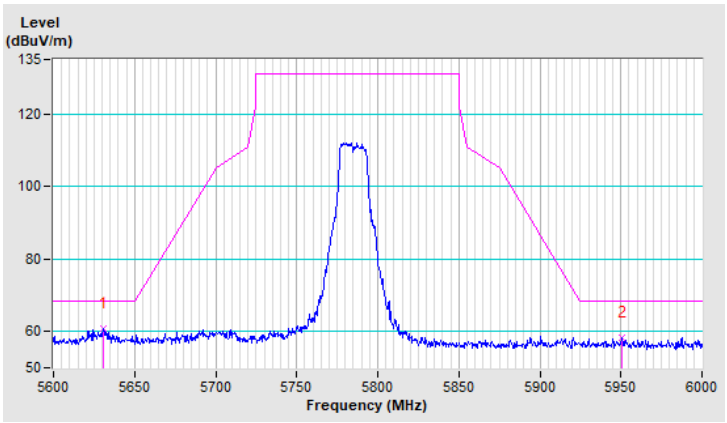


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.40	60.9 PK	68.2	-7.3	1.54 V	348	54.7	6.2
2	#5950.40	58.4 PK	68.2	-9.8	1.54 V	348	51.1	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

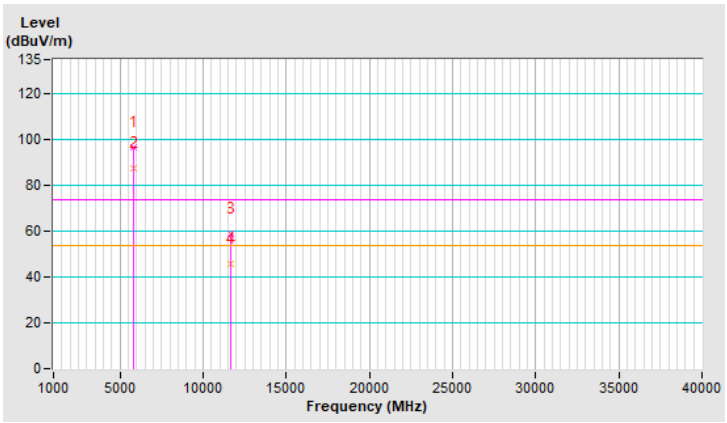


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	96.8 PK			1.03 H	149	54.5	42.3
2	*5825.00	87.4 AV			1.03 H	149	45.1	42.3
3	11650.00	59.0 PK	74.0	-15.0	2.10 H	167	41.0	18.0
4	11650.00	45.8 AV	54.0	-8.2	2.10 H	167	27.8	18.0
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

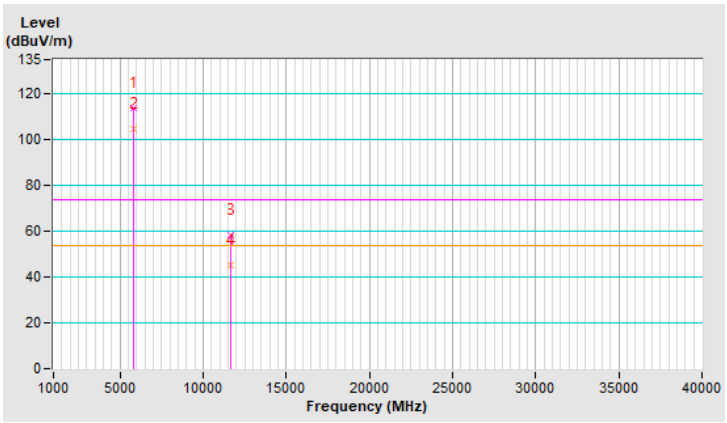


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	113.7 PK			1.59 V	350	71.4	42.3
2	*5825.00	104.5 AV			1.59 V	350	62.2	42.3
3	11650.00	58.5 PK	74.0	-15.5	1.62 V	244	40.5	18.0
4	11650.00	45.4 AV	54.0	-8.6	1.62 V	244	27.4	18.0
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

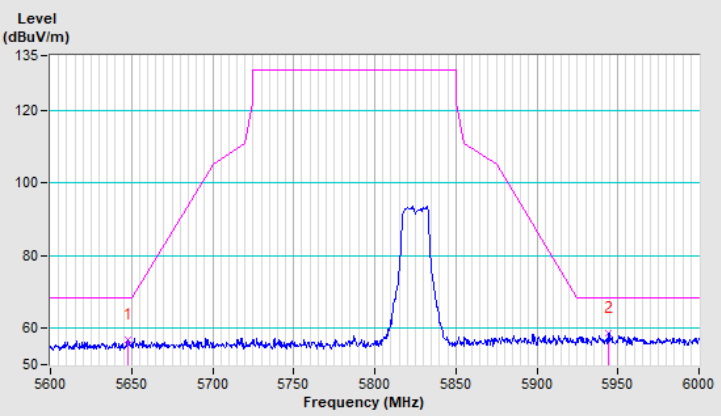


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.60	56.7 PK	68.2	-11.5	1.03 H	149	50.4	6.3
2	#5944.40	58.8 PK	68.2	-9.4	1.03 H	149	51.5	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

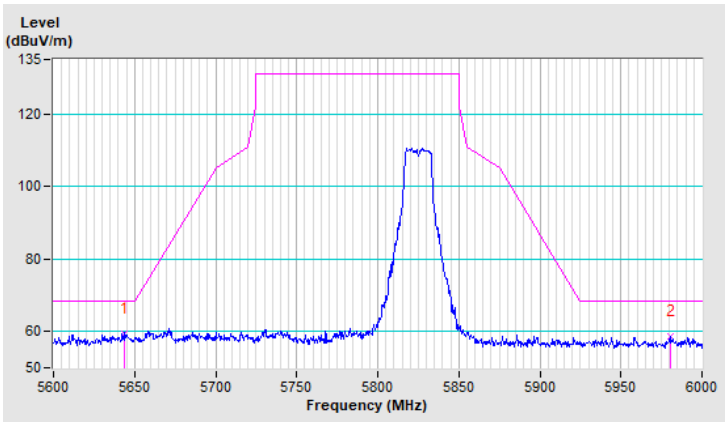


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	59.5 PK	68.2	-8.7	1.59 V	350	53.2	6.3
2	#5980.40	58.7 PK	68.2	-9.5	1.59 V	350	51.5	7.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



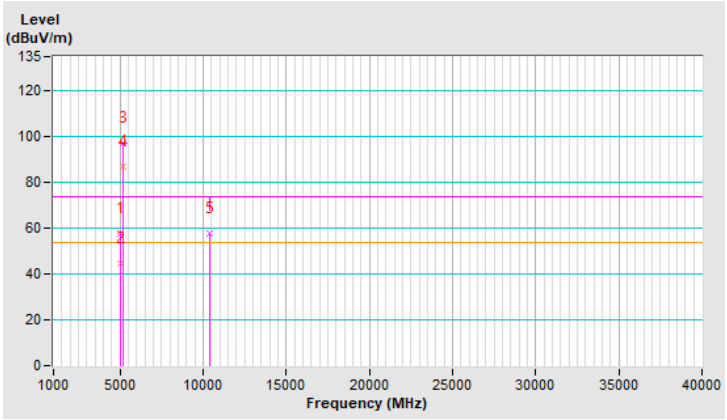
802.11n (HT20)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 14 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	57.9 PK	74.0	-16.1	1.65 H	93	51.9	6.0
2	5000.00	44.9 AV	54.0	-9.1	1.65 H	93	38.9	6.0
3	*5180.00	97.0 PK			1.57 H	52	54.8	42.2
4	*5180.00	86.7 AV			1.57 H	52	44.5	42.2
5	#10360.00	57.8 PK	68.2	-10.4	1.93 H	127	41.1	16.7
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

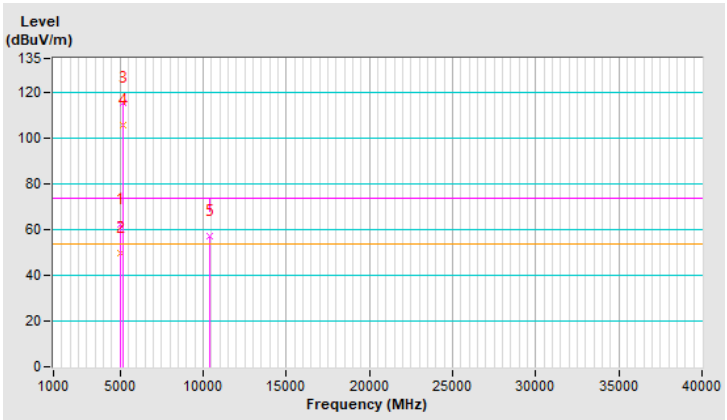


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 36：5180 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	62.1 PK	74.0	-11.9	1.89 V	169	56.1	6.0
2	5000.00	49.9 AV	54.0	-4.1	1.89 V	169	43.9	6.0
3	*5180.00	115.7 PK			1.76 V	167	73.5	42.2
4	*5180.00	105.9 AV			1.76 V	167	63.7	42.2
5	#10360.00	57.0 PK	68.2	-11.2	1.57 V	79	40.3	16.7
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

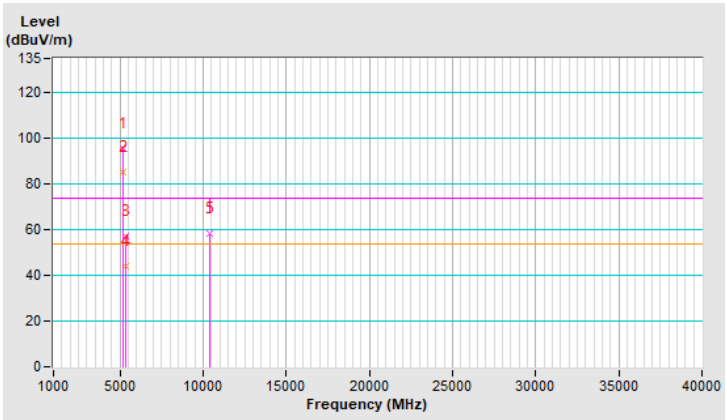


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	95.3 PK			1.40 H	116	53.2	42.1
2	*5200.00	85.3 AV			1.40 H	116	43.2	42.1
3	5350.00	57.2 PK	74.0	-16.8	1.55 H	92	50.8	6.4
4	5350.00	43.9 AV	54.0	-10.1	1.55 H	92	37.5	6.4
5	#10400.00	58.2 PK	68.2	-10.0	1.99 H	131	41.3	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

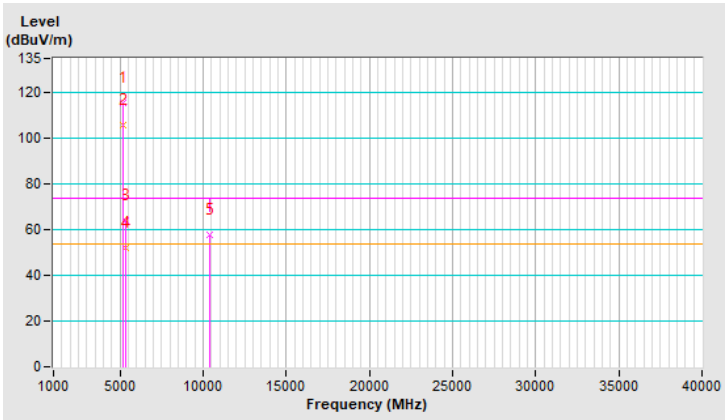


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 40：5200 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.6 PK			1.63 V	172	73.5	42.1
2	*5200.00	106.0 AV			1.63 V	172	63.9	42.1
3	5350.00	64.0 PK	74.0	-10.0	1.67 V	172	57.6	6.4
4	5350.00	52.0 AV	54.0	-2.0	1.67 V	172	45.6	6.4
5	#10400.00	57.7 PK	68.2	-10.5	1.68 V	77	40.8	16.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

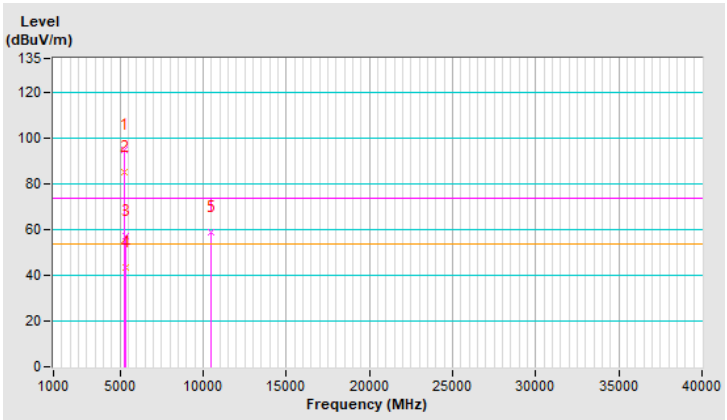


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	95.1 PK			1.42 H	117	53.1	42.0
2	*5240.00	85.3 AV			1.42 H	117	43.3	42.0
3	5350.00	57.2 PK	74.0	-16.8	1.50 H	116	50.8	6.4
4	5350.00	43.4 AV	54.0	-10.6	1.50 H	116	37.0	6.4
5	#10480.00	58.9 PK	68.2	-9.3	1.88 H	135	41.2	17.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

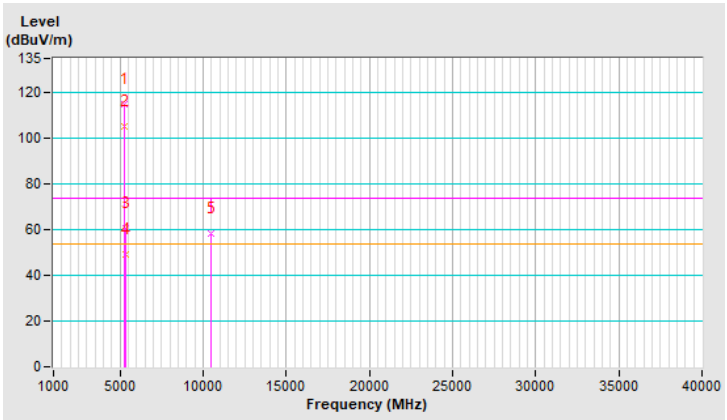


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 48：5240 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.9 PK			1.70 V	163	72.9	42.0
2	*5240.00	105.2 AV			1.70 V	163	63.2	42.0
3	5350.00	60.9 PK	74.0	-13.1	1.79 V	169	54.5	6.4
4	5350.00	49.1 AV	54.0	-4.9	1.79 V	169	42.7	6.4
5	#10480.00	58.5 PK	68.2	-9.7	1.78 V	91	40.8	17.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

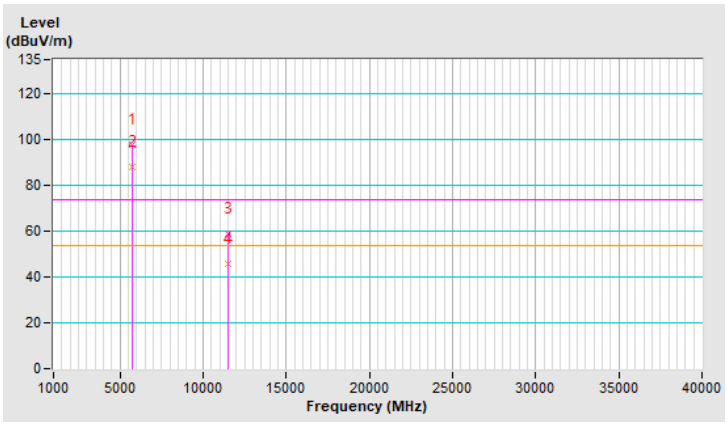


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	98.1 PK			1.10 H	151	55.9	42.2
2	*5745.00	88.0 AV			1.10 H	151	45.8	42.2
3	11490.00	59.1 PK	74.0	-14.9	2.03 H	149	40.8	18.3
4	11490.00	45.8 AV	54.0	-8.2	2.03 H	149	27.5	18.3
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

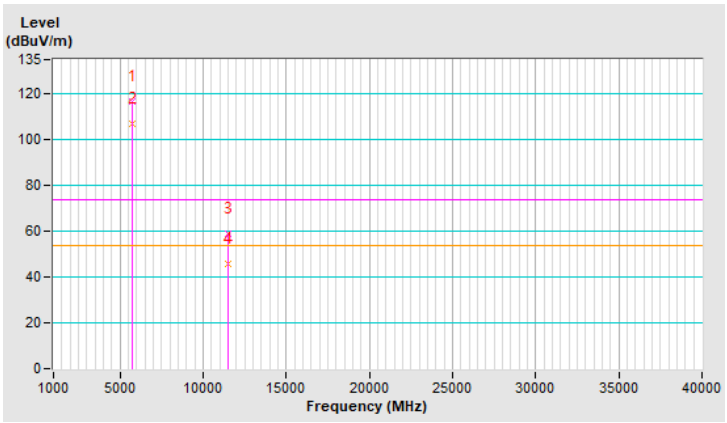


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149：5745 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	116.9 PK			1.52 V	351	74.7	42.2
2	*5745.00	106.8 AV			1.52 V	351	64.6	42.2
3	11490.00	58.9 PK	74.0	-15.1	1.62 V	200	40.6	18.3
4	11490.00	45.6 AV	54.0	-8.4	1.62 V	200	27.3	18.3
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

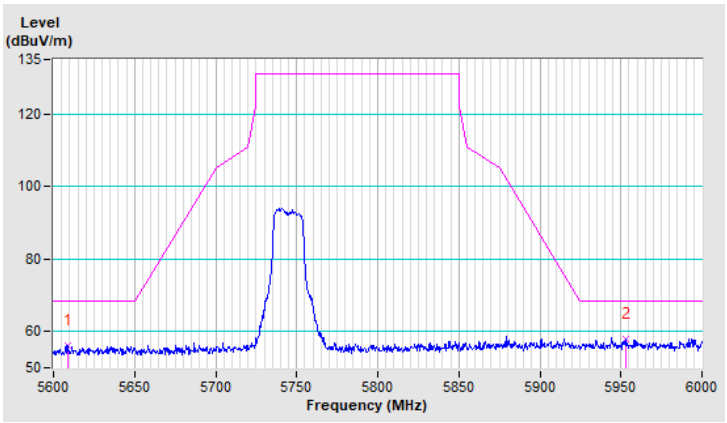


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.80	56.0 PK	68.2	-12.2	1.10 H	151	49.8	6.2
2	#5952.80	58.0 PK	68.2	-10.2	1.10 H	151	50.7	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

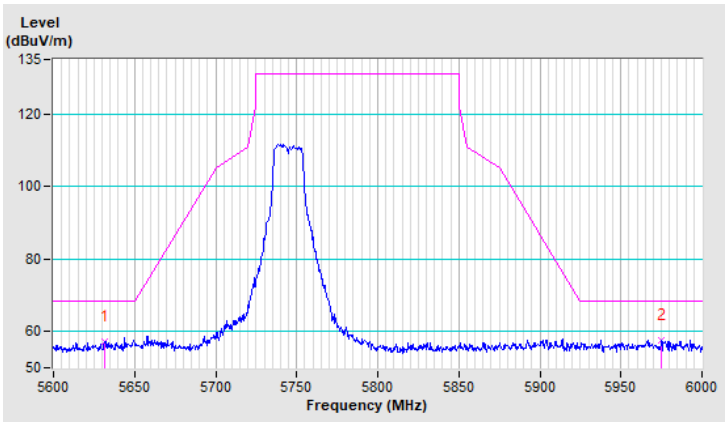


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 149 : 5745 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.60	57.1 PK	68.2	-11.1	1.52 V	351	50.8	6.3
2	#5975.20	57.6 PK	68.2	-10.6	1.52 V	351	50.4	7.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

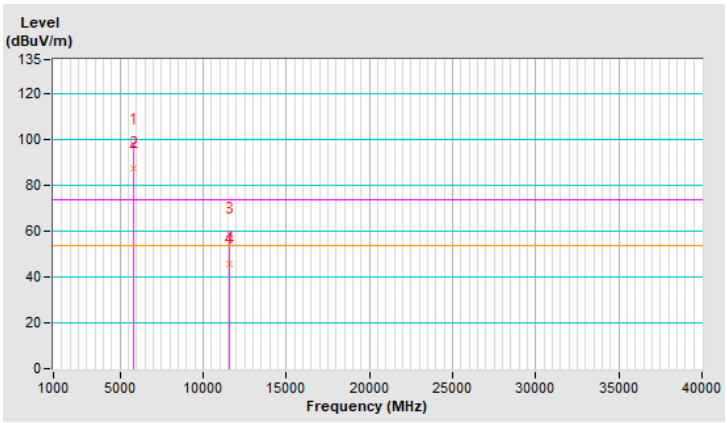


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	98.0 PK			1.14 H	148	55.8	42.2
2	*5785.00	87.8 AV			1.14 H	148	45.6	42.2
3	11570.00	59.0 PK	74.0	-15.0	2.03 H	167	41.0	18.0
4	11570.00	45.6 AV	54.0	-8.4	2.03 H	167	27.6	18.0
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

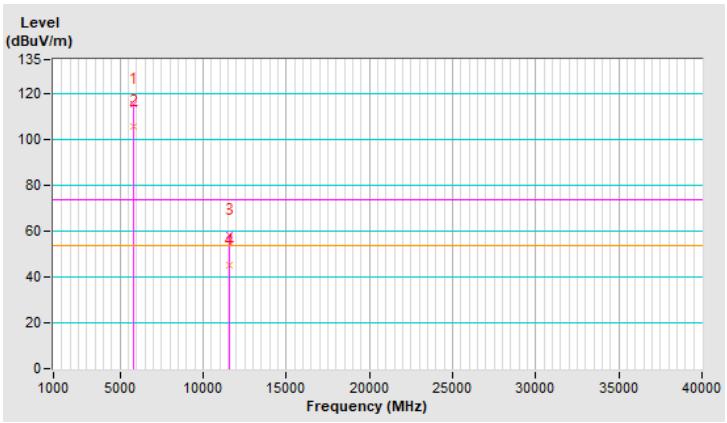


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157：5785 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	115.6 PK			1.42 V	346	73.4	42.2
2	*5785.00	106.1 AV			1.42 V	346	63.9	42.2
3	11570.00	58.5 PK	74.0	-15.5	1.77 V	213	40.5	18.0
4	11570.00	45.1 AV	54.0	-8.9	1.77 V	213	27.1	18.0
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

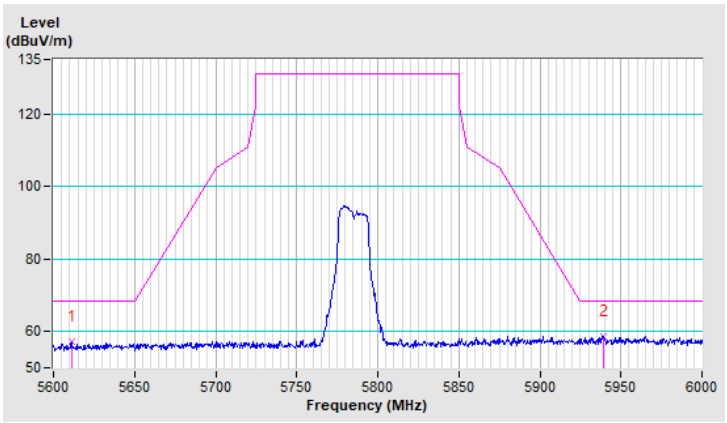


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.20	57.3 PK	68.2	-10.9	1.14 H	148	51.1	6.2
2	#5939.20	58.7 PK	68.2	-9.5	1.14 H	148	51.4	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

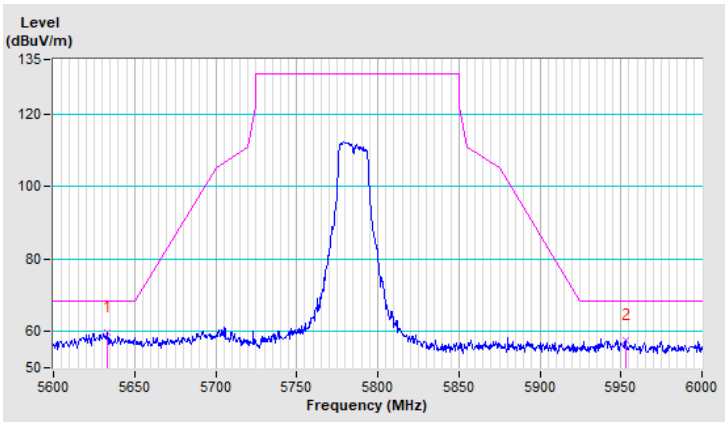


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 157 : 5785 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	59.9 PK	68.2	-8.3	1.42 V	346	53.6	6.3
2	#5952.80	57.4 PK	68.2	-10.8	1.42 V	346	50.1	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

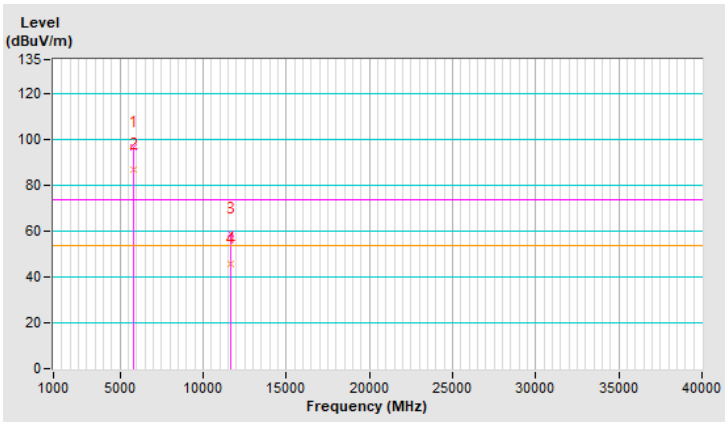


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	96.9 PK			1.08 H	148	54.6	42.3
2	*5825.00	86.8 AV			1.08 H	148	44.5	42.3
3	11650.00	58.8 PK	74.0	-15.2	2.00 H	171	40.8	18.0
4	11650.00	45.6 AV	54.0	-8.4	2.00 H	171	27.6	18.0
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

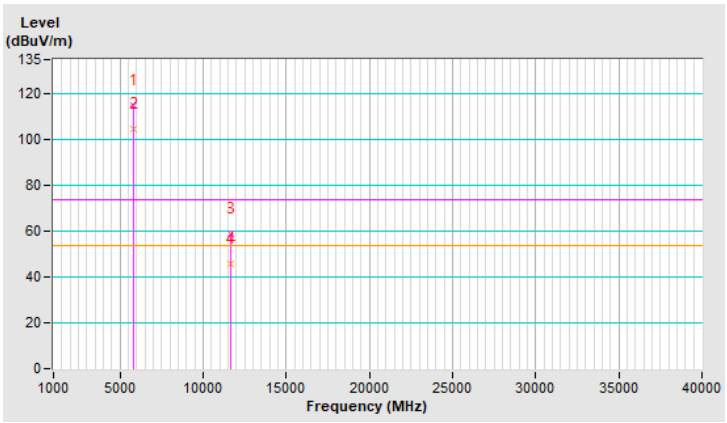


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165：5825 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	114.8 PK			1.45 V	348	72.5	42.3
2	*5825.00	104.6 AV			1.45 V	348	62.3	42.3
3	11650.00	59.0 PK	74.0	-15.0	1.59 V	233	41.0	18.0
4	11650.00	45.5 AV	54.0	-8.5	1.59 V	233	27.5	18.0
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

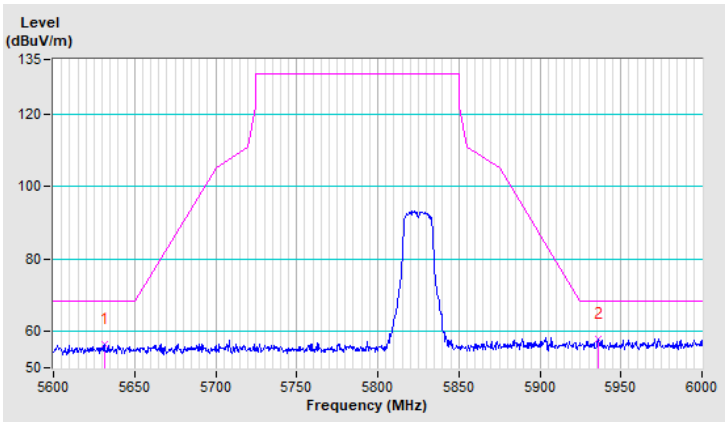


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.20	56.5 PK	68.2	-11.7	1.08 H	148	50.2	6.3
2	#5936.40	58.1 PK	68.2	-10.1	1.08 H	148	50.8	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

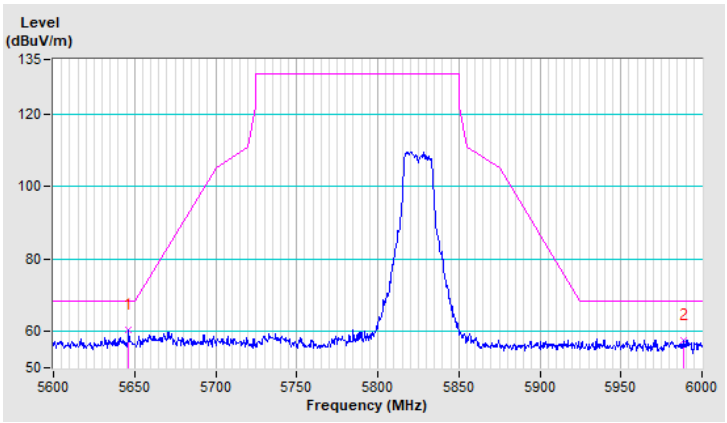


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 165 : 5825 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	60.4 PK	68.2	-7.8	1.45 V	348	54.1	6.3
2	#5988.40	57.7 PK	68.2	-10.5	1.45 V	348	50.5	7.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



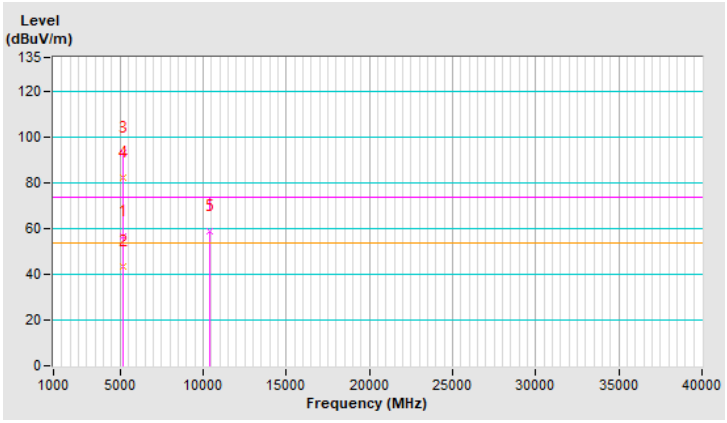
802.11n (HT40)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38：5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22℃	量測場地濕度：	67%RH
測試日期：	110 年 01 月 21 日	測試者：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.6 PK	74.0	-17.4	1.32 H	113	50.0	6.6
2	5150.00	43.7 AV	54.0	-10.3	1.32 H	113	37.1	6.6
3	*5190.00	93.3 PK			1.37 H	114	51.2	42.1
4	*5190.00	82.5 AV			1.37 H	114	40.4	42.1
5	#10380.00	58.7 PK	68.2	-9.5	1.88 H	112	41.9	16.8
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

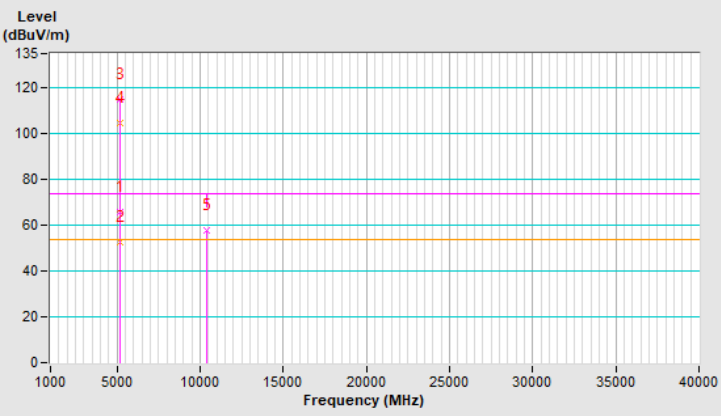


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 38：5190 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 13 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.8 PK	74.0	-8.2	1.67 V	342	58.5	7.3
2	5150.00	52.8 AV	54.0	-1.2	1.67 V	342	45.5	7.3
3	*5190.00	114.7 PK			1.53 V	351	72.0	42.7
4	*5190.00	104.4 AV			1.53 V	351	61.7	42.7
5	#10380.00	57.5 PK	68.2	-10.7	1.68 V	100	40.8	16.7
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

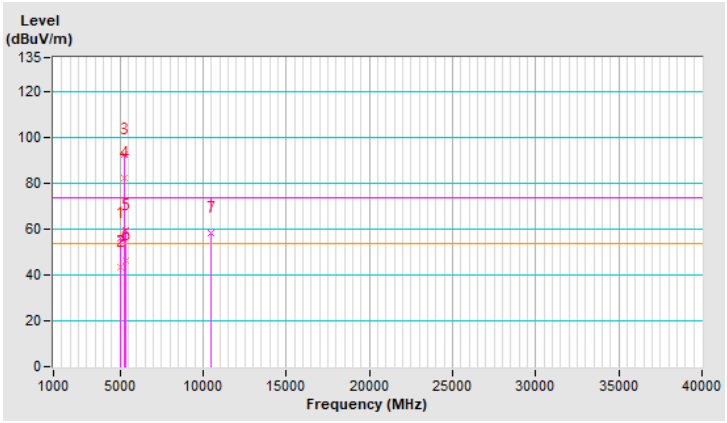


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 46：5230 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	56.0 PK	74.0	-18.0	1.39 H	120	50.0	6.0
2	5000.00	43.2 AV	54.0	-10.8	1.39 H	120	37.2	6.0
3	*5230.00	92.8 PK			1.46 H	117	50.8	42.0
4	*5230.00	82.3 AV			1.46 H	117	40.3	42.0
5	5350.00	59.5 PK	74.0	-14.5	1.39 H	120	53.1	6.4
6	5350.00	46.6 AV	54.0	-7.4	1.39 H	120	40.2	6.4
7	#10460.00	58.4 PK	68.2	-9.8	1.86 H	123	41.0	17.4
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

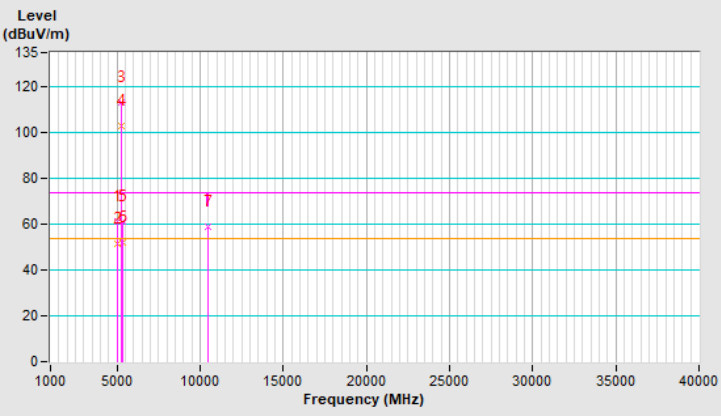


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 46：5230 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 14 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	61.0 PK	74.0	-13.0	1.37 V	161	55.0	6.0
2	5000.00	51.7 AV	54.0	-2.3	1.37 V	161	45.7	6.0
3	*5230.00	113.5 PK			1.49 V	166	71.5	42.0
4	*5230.00	102.8 AV			1.49 V	166	60.8	42.0
5	5350.00	61.2 PK	74.0	-12.8	1.37 V	161	54.8	6.4
6	5350.00	51.9 AV	54.0	-2.1	1.37 V	161	45.5	6.4
7	#10460.00	58.7 PK	68.2	-9.5	1.49 V	95	41.3	17.4
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

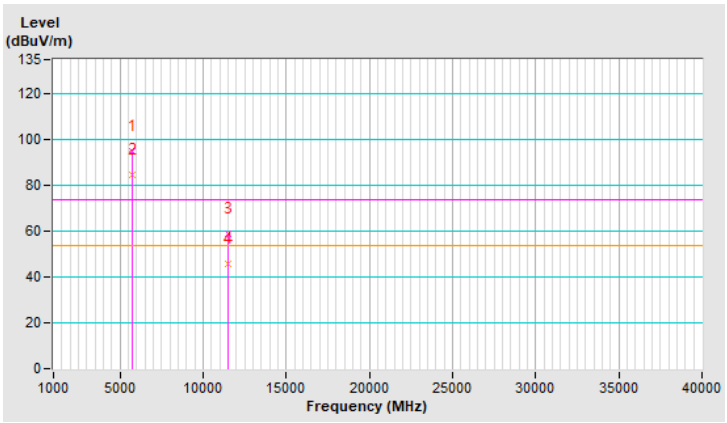


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 151：5755 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	95.0 PK			1.00 H	150	52.7	42.3
2	*5755.00	84.6 AV			1.00 H	150	42.3	42.3
3	11510.00	59.1 PK	74.0	-14.9	1.99 H	172	40.9	18.2
4	11510.00	45.7 AV	54.0	-8.3	1.99 H	172	27.5	18.2
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

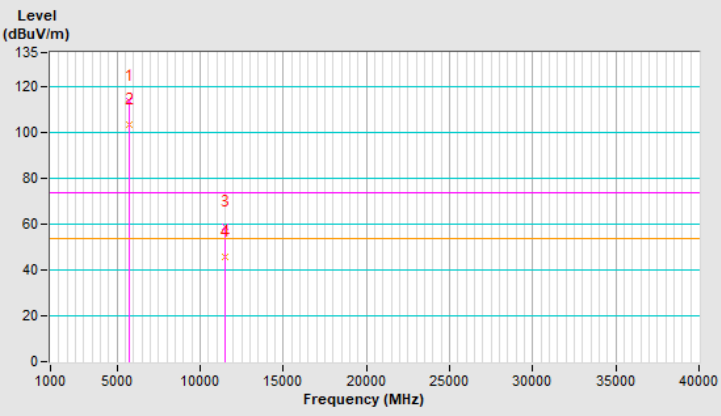


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 151：5755 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	114.1 PK			1.58 V	349	71.8	42.3
2	*5755.00	103.7 AV			1.58 V	349	61.4	42.3
3	11510.00	58.8 PK	74.0	-15.2	1.69 V	210	40.6	18.2
4	11510.00	45.7 AV	54.0	-8.3	1.69 V	210	27.5	18.2
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

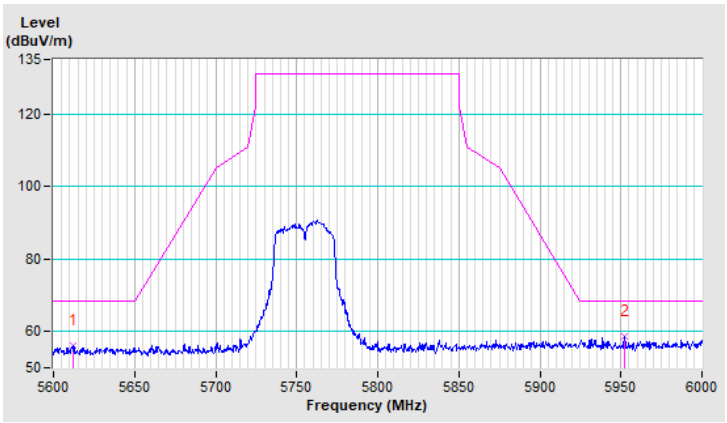


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 151 : 5755 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.40	56.2 PK	68.2	-12.0	1.00 H	150	50.0	6.2
2	#5952.00	58.6 PK	68.2	-9.6	1.00 H	150	51.3	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

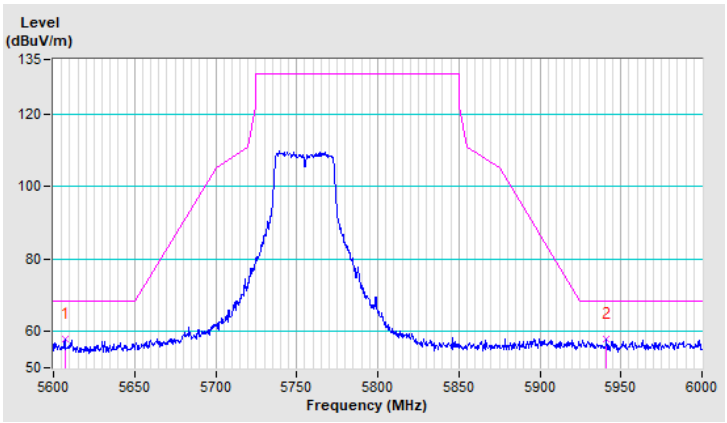


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 151 : 5755 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	57.9 PK	68.2	-10.3	1.58 V	349	51.7	6.2
2	#5941.20	58.0 PK	68.2	-10.2	1.58 V	349	50.7	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

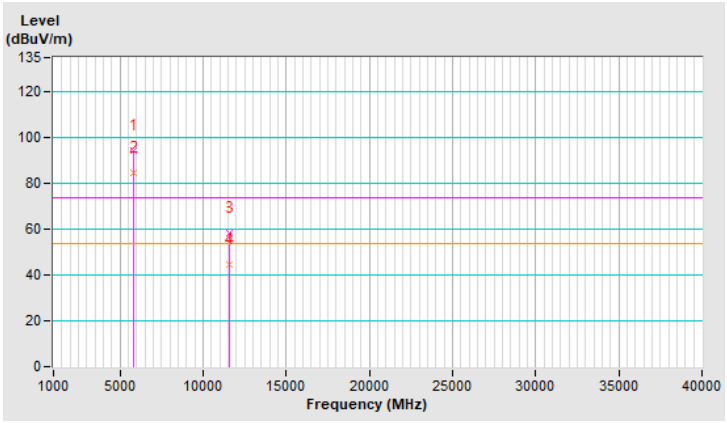


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 159：5795 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	94.4 PK			1.12 H	150	52.2	42.2
2	*5795.00	84.4 AV			1.12 H	150	42.2	42.2
3	11590.00	58.3 PK	74.0	-15.7	1.87 H	160	40.5	17.8
4	11590.00	44.9 AV	54.0	-9.1	1.87 H	160	27.1	17.8
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

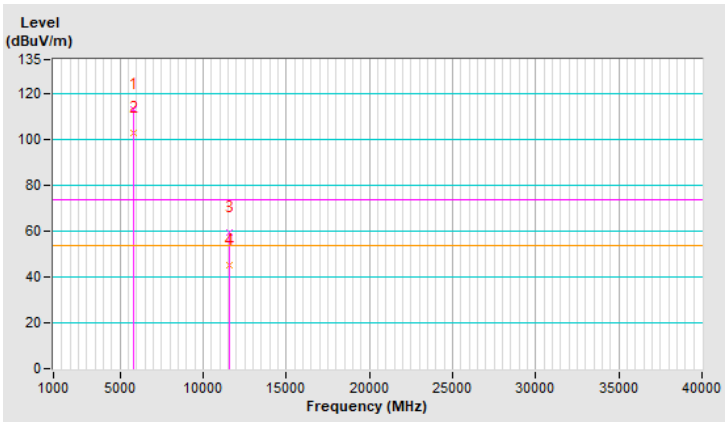


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 159：5795 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	113.5 PK			1.56 V	347	71.3	42.2
2	*5795.00	102.9 AV			1.56 V	347	60.7	42.2
3	11590.00	59.3 PK	74.0	-14.7	1.87 V	251	41.5	17.8
4	11590.00	45.1 AV	54.0	-8.9	1.87 V	251	27.3	17.8
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

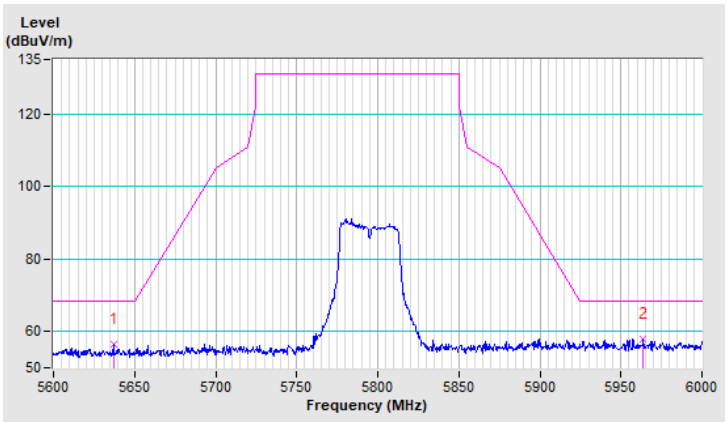


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 159 : 5795 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.20	56.6 PK	68.2	-11.6	1.12 H	150	50.3	6.3
2	#5963.60	58.1 PK	68.2	-10.1	1.12 H	150	50.8	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

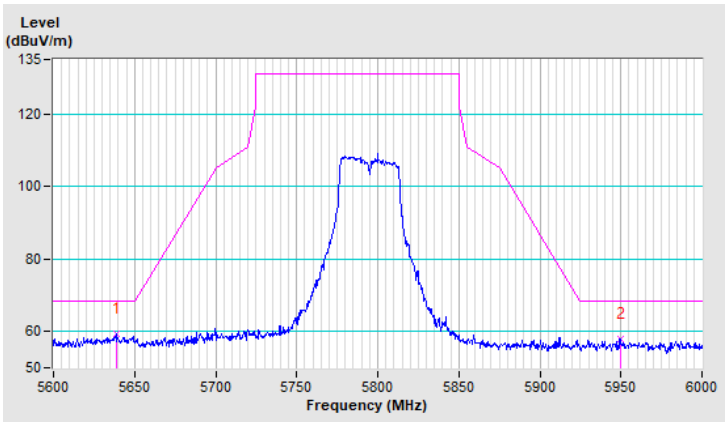


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 159 : 5795 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.80	59.3 PK	68.2	-8.9	1.56 V	347	53.0	6.3
2	#5949.60	58.1 PK	68.2	-10.1	1.56 V	347	50.8	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



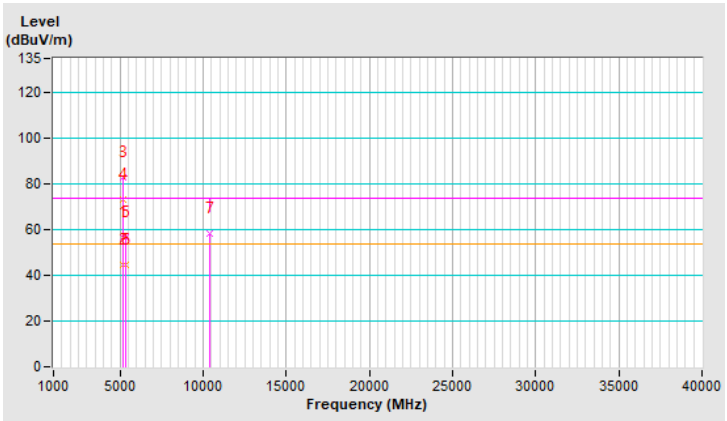
802.11ac (VHT80)

操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	56.7 PK	74.0	-17.3	1.46 H	117	50.1	6.6
2	5150.00	44.4 AV	54.0	-9.6	1.46 H	117	37.8	6.6
3	*5210.00	83.0 PK			1.48 H	115	41.0	42.0
4	*5210.00	73.0 AV			1.48 H	115	31.0	42.0
5	5350.00	56.7 PK	74.0	-17.3	1.42 H	116	50.3	6.4
6	5350.00	44.6 AV	54.0	-9.4	1.42 H	116	38.2	6.4
7	#10420.00	58.2 PK	68.2	-10.0	1.79 H	135	41.0	17.2
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

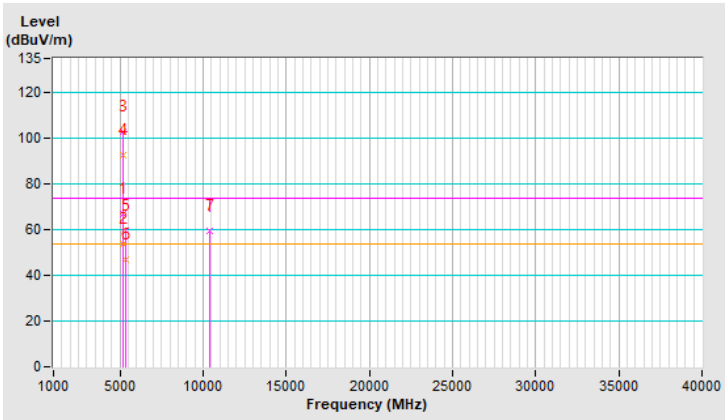


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 01 月 20 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	66.9 PK	74.0	-7.1	1.54 V	171	60.3	6.6
2	5150.00	53.6 AV	54.0	-0.4	1.54 V	171	47.0	6.6
3	*5210.00	103.2 PK			1.54 V	168	61.2	42.0
4	*5210.00	92.8 AV			1.54 V	168	50.8	42.0
5	5350.00	59.4 PK	74.0	-14.6	1.56 V	162	53.0	6.4
6	5350.00	47.0 AV	54.0	-7.0	1.56 V	162	40.6	6.4
7	#10420.00	59.7 PK	68.2	-8.5	1.61 V	111	42.5	17.2
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

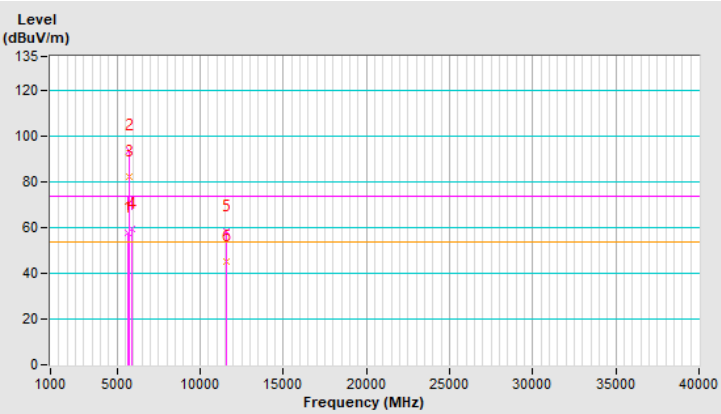


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.5 PK	68.2	-10.7	1.02 H	152	51.2	6.3
2	*5775.00	93.6 PK			1.00 H	149	51.4	42.2
3	*5775.00	82.4 AV			1.00 H	149	40.2	42.2
4	#5925.00	59.7 PK	68.2	-8.5	1.00 H	153	52.4	7.3
5	11550.00	58.3 PK	74.0	-15.7	1.99 H	156	40.2	18.1
6	11550.00	45.2 AV	54.0	-8.8	1.99 H	156	27.1	18.1
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

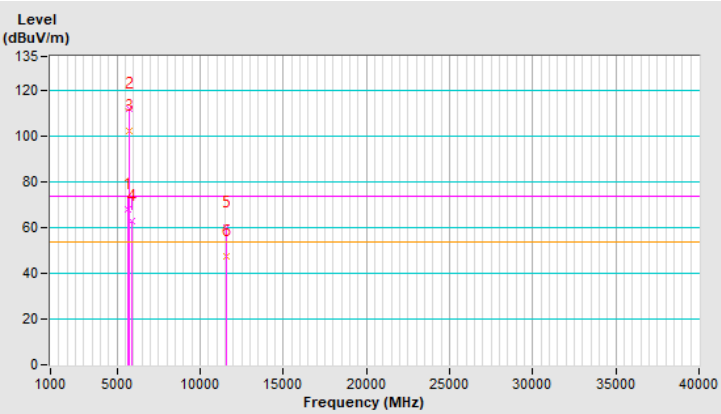


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	68.0 PK	68.2	-0.2	1.54 V	352	61.7	6.3
2	*5775.00	112.3 PK			1.59 V	346	70.1	42.2
3	*5775.00	102.2 AV			1.59 V	346	60.0	42.2
4	#5925.00	63.2 PK	68.2	-5.0	1.53 V	341	55.9	7.3
5	11550.00	59.8 PK	74.0	-14.2	1.78 V	231	41.7	18.1
6	11550.00	47.6 AV	54.0	-6.4	1.78 V	231	29.5	18.1
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

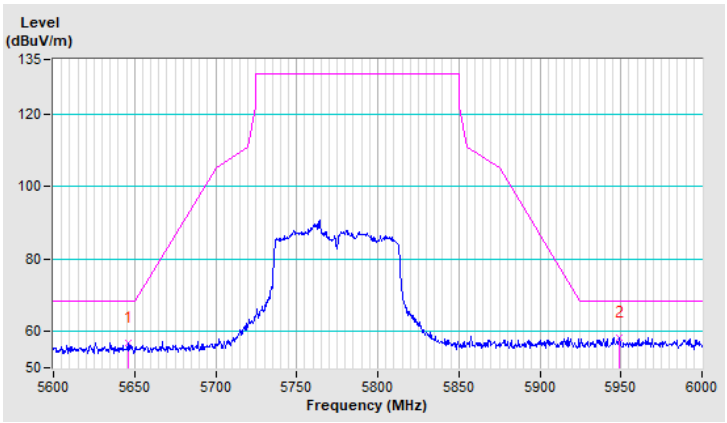


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155 : 5775 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.00	56.9 PK	68.2	-11.3	1.00 H	149	50.6	6.3
2	#5948.80	58.3 PK	68.2	-9.9	1.00 H	149	51.0	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.

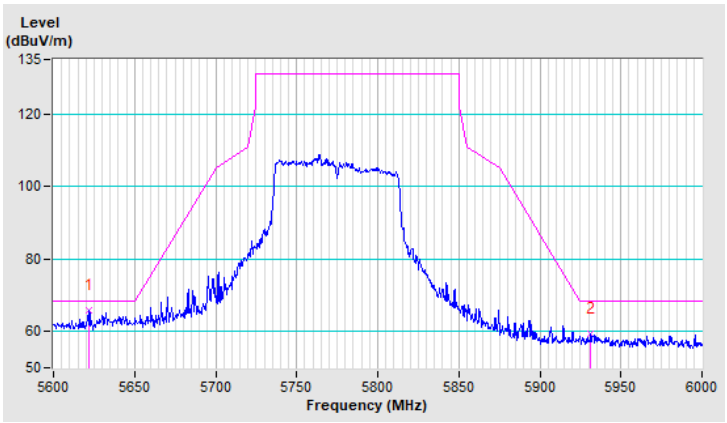


操 作 模 式 ：	發射	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155 : 5775 MHz (OOBE)	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	69%RH
測 試 日 期 ：	110 年 01 月 28 日	測 試 者 ：	李桓輔

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5622.00	65.8 PK	68.2	-2.4	1.58 V	346	59.6	6.2
2	#5931.20	59.3 PK	68.2	-8.9	1.58 V	346	52.0	7.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power.



9.6.2 接收諧波

5G traffic radio:

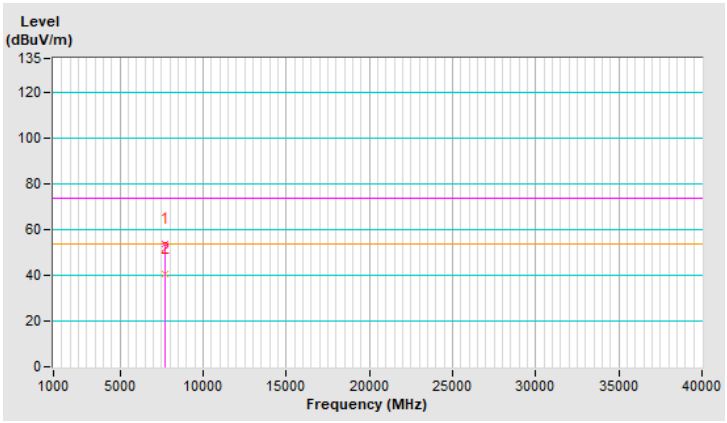
802.11ax (HE80)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 04 月 09 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	7713.00	53.6 PK	74.0	-20.4	3.05 H	222	42.1	11.5
2	7713.00	40.5 AV	54.0	-13.5	3.05 H	222	29.0	11.5

Remarks:

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

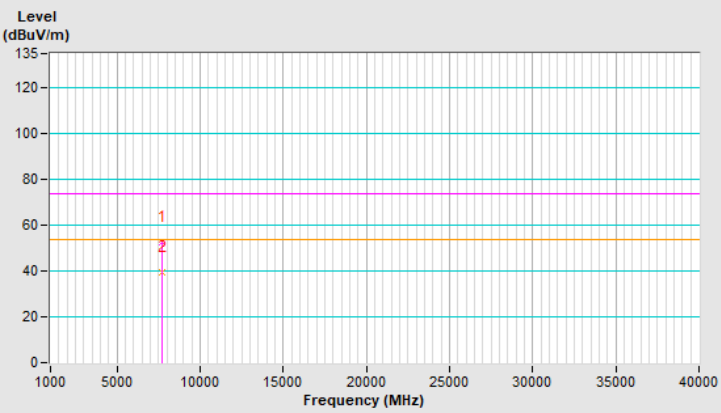


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量 測 場 地 溫 度 ：	22℃	量 測 場 地 濕 度 ：	67%RH
測 試 日 期 ：	110 年 04 月 09 日	測 試 者 ：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	7713.00	52.7 PK	74.0	-21.3	1.79 V	331	41.2	11.5
2	7713.00	39.5 AV	54.0	-14.5	1.79 V	331	28.0	11.5

Remarks:

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



Scanning radio:

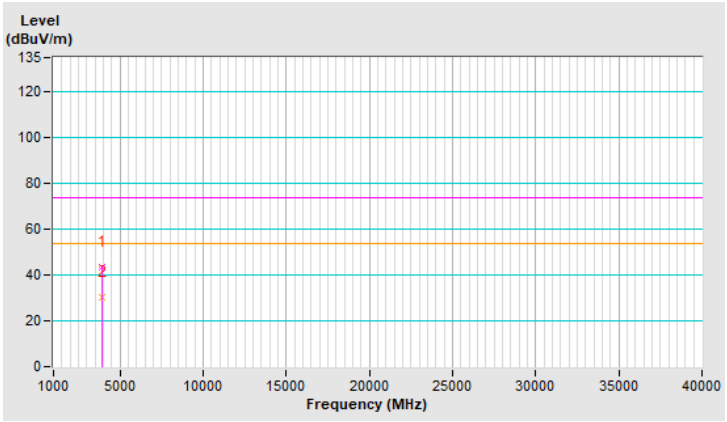
802.11ac (VHT80)

操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(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 ：	110 年 01 月 21 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3900.00	43.7 PK	74.0	-30.3	2.89 H	175	40.7	3.0
2	3900.00	30.4 AV	54.0	-23.6	2.89 H	175	27.4	3.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

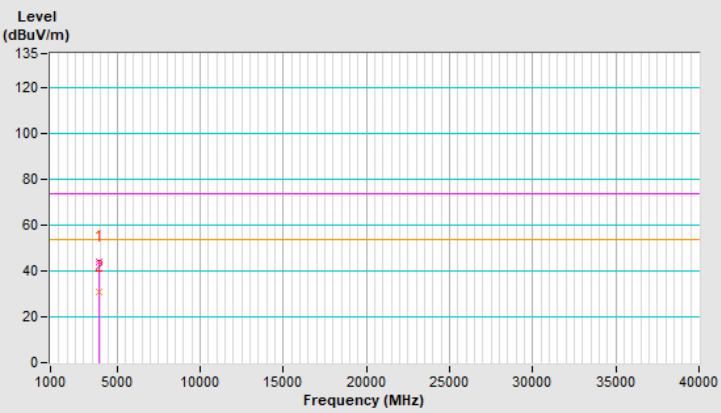


操 作 模 式 ：	接收		
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz (RMS)
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3900.00	44.2 PK	74.0	-29.8	3.11 V	221	41.2	3.0
2	3900.00	30.7 AV	54.0	-23.3	3.11 V	221	27.7	3.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



9.6.3 其它不必要之訊號

5G traffic radio:

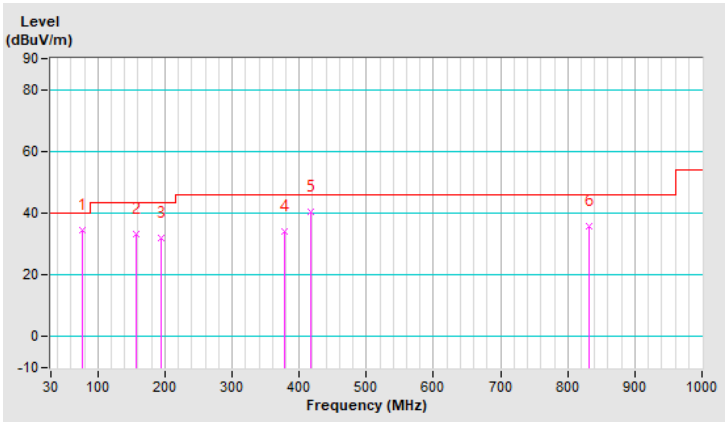
802.11ax (HE80)

操作模式：	發射/接收	調變技術：	OFDMA
基本波頻率：	CH 42：5210 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	110 年 01 月 21 日	測試者：	許偉信
測試模式：	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	77.80	34.6 QP	40.0	-5.4	1.00 H	52	47.4	-12.8
2	157.93	33.4 QP	43.5	-10.1	1.50 H	217	41.8	-8.4
3	194.48	31.9 QP	43.5	-11.6	1.50 H	7	43.1	-11.2
4	378.64	34.0 QP	46.0	-12.0	1.00 H	172	39.0	-5.0
5	418.00	40.5 QP	46.0	-5.5	1.50 H	280	44.6	-4.1
6	831.30	35.6 QP	46.0	-10.4	1.50 H	7	31.1	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

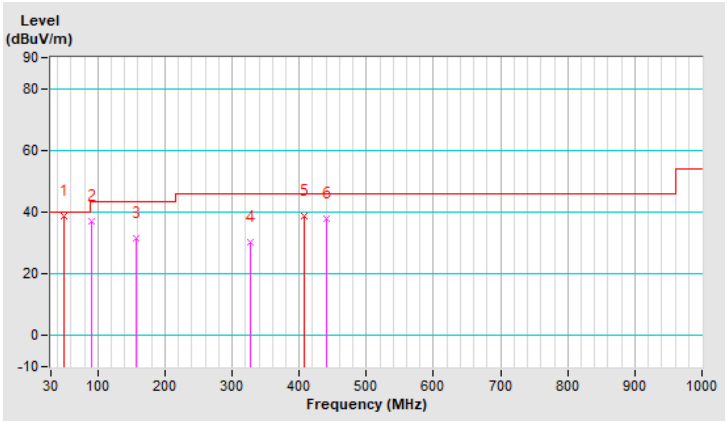


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	50.16	38.6 QP	40.0	-1.4	1.00 V	6	47.7	-9.1
2	90.45	37.0 QP	43.5	-6.5	1.48 V	124	51.4	-14.4
3	157.93	31.4 QP	43.5	-12.1	1.00 V	112	39.8	-8.4
4	326.62	30.2 QP	46.0	-15.8	1.00 V	78	36.0	-5.8
5	408.00	38.7 QP	46.0	-7.3	1.00 V	6	43.3	-4.6
6	440.49	37.9 QP	46.0	-8.1	1.48 V	185	41.4	-3.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

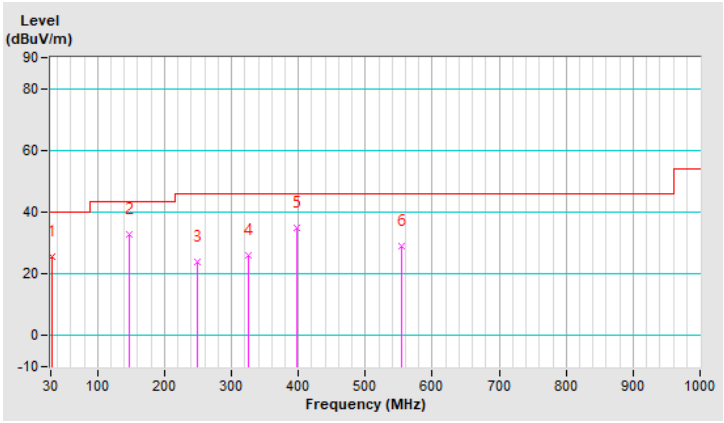


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	31.99	25.8 QP	40.0	-14.2	1.00 H	327	36.7	-10.9
2	148.09	32.9 QP	43.5	-10.6	1.00 H	211	41.6	-8.7
3	249.30	23.7 QP	46.0	-22.3	1.00 H	215	32.3	-8.6
4	325.22	26.0 QP	46.0	-20.0	1.00 H	194	31.9	-5.9
5	396.91	35.0 QP	46.0	-11.0	1.00 H	28	39.8	-4.8
6	554.36	28.9 QP	46.0	-17.1	1.00 H	132	30.1	-1.2

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

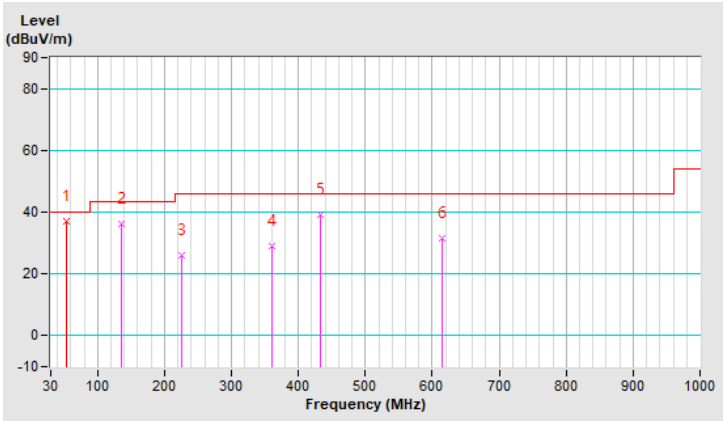


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDMA
基 本 波 頻 率 ：	CH 42：5210 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	54.33	37.1 QP	40.0	-2.9	1.50 V	15	46.4	-9.3
2	135.43	36.2 QP	43.5	-7.3	1.00 V	274	45.6	-9.4
3	225.41	26.0 QP	46.0	-20.0	1.00 V	257	36.5	-10.5
4	360.36	28.9 QP	46.0	-17.1	2.00 V	16	34.3	-5.4
5	433.46	39.0 QP	46.0	-7.0	1.50 V	325	42.5	-3.5
6	614.81	31.5 QP	46.0	-14.5	1.00 V	16	30.7	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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.



Scanning radio:

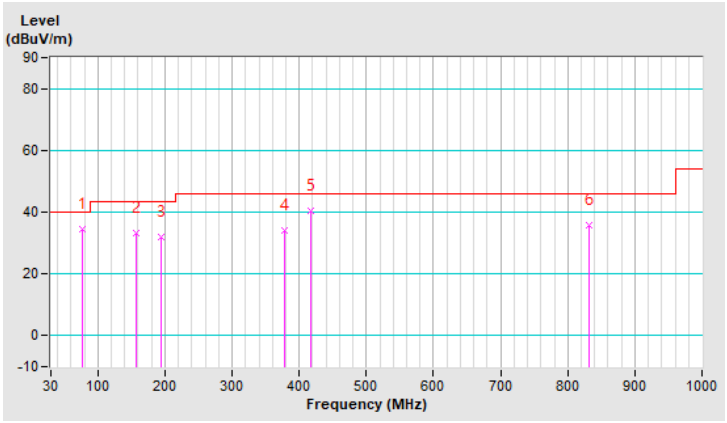
802.11ac (VHT80)

操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	77.80	34.6 QP	40.0	-5.4	1.00 H	52	47.4	-12.8
2	157.93	33.4 QP	43.5	-10.1	1.50 H	217	41.8	-8.4
3	194.48	31.9 QP	43.5	-11.6	1.50 H	7	43.1	-11.2
4	378.64	34.0 QP	46.0	-12.0	1.00 H	172	39.0	-5.0
5	418.00	40.5 QP	46.0	-5.5	1.50 H	280	44.6	-4.1
6	831.30	35.6 QP	46.0	-10.4	1.50 H	7	31.1	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

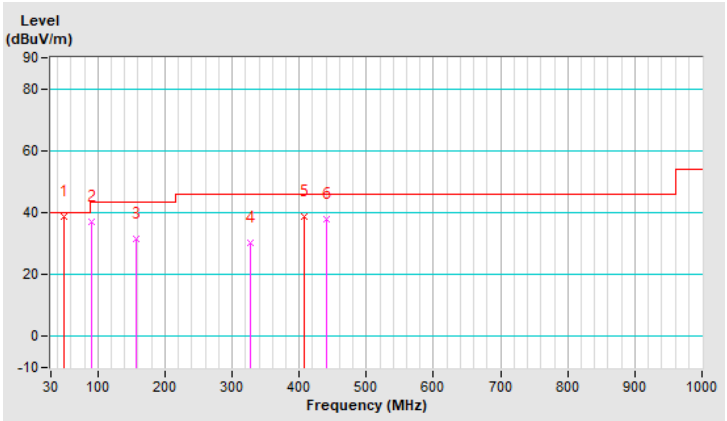


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 01 月 21 日	測 試 者 ：	許偉信
測 試 模 式 ：	A		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	50.16	38.6 QP	40.0	-1.4	1.00 V	6	47.7	-9.1
2	90.45	37.0 QP	43.5	-6.5	1.48 V	124	51.4	-14.4
3	157.93	31.4 QP	43.5	-12.1	1.00 V	112	39.8	-8.4
4	326.62	30.2 QP	46.0	-15.8	1.00 V	78	36.0	-5.8
5	408.00	38.7 QP	46.0	-7.3	1.00 V	6	43.3	-4.6
6	440.49	37.9 QP	46.0	-8.1	1.48 V	185	41.4	-3.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

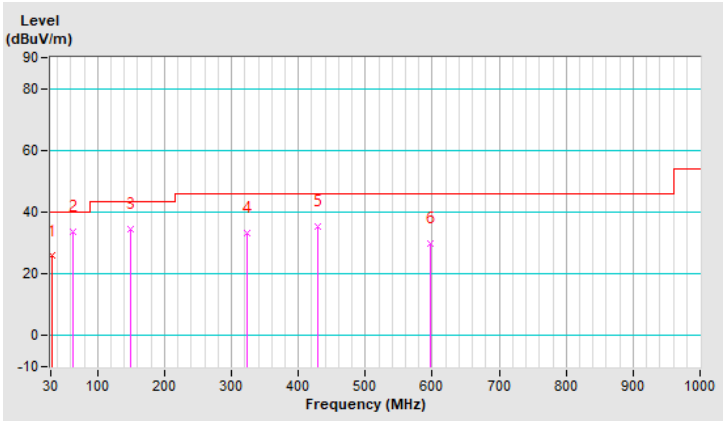


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	31.99	25.8 QP	40.0	-14.2	1.00 H	135	36.7	-10.9
2	62.33	33.8 QP	40.0	-6.2	1.00 H	16	43.5	-9.7
3	149.49	34.5 QP	43.5	-9.0	1.50 H	89	43.1	-8.6
4	323.81	33.3 QP	46.0	-12.7	1.00 H	179	39.3	-6.0
5	429.25	35.2 QP	46.0	-10.8	1.50 H	49	38.9	-3.7
6	596.54	30.0 QP	46.0	-16.0	2.00 H	237	29.8	0.2

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.

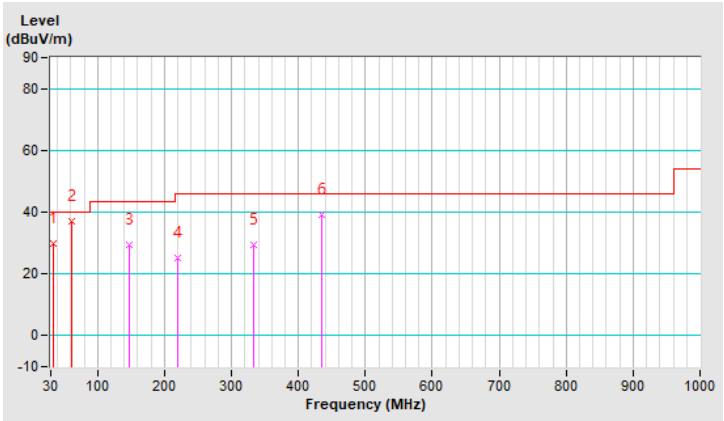


操 作 模 式 ：	發射/接收	調 變 技 術 ：	OFDM
基 本 波 頻 率 ：	CH 155：5775 MHz	測 試 儀 器 ：	(QP) RB=VB=120kHz
量 測 場 地 溫 度 ：	23℃	量 測 場 地 濕 度 ：	66%RH
測 試 日 期 ：	110 年 06 月 28 日	測 試 者 ：	李桓輔
測 試 模 式 ：	B		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	33.16	29.8 QP	40.0	-10.2	1.00 V	52	40.7	-10.9
2	61.25	36.9 QP	40.0	-3.1	2.00 V	348	46.7	-9.8
3	146.68	29.4 QP	43.5	-14.1	1.50 V	245	38.0	-8.6
4	219.78	25.0 QP	46.0	-21.0	1.00 V	212	35.5	-10.5
5	333.65	29.4 QP	46.0	-16.6	1.00 V	254	35.1	-5.7
6	434.87	39.2 QP	46.0	-6.8	1.00 V	273	42.7	-3.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz.



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：BDYS-WTW-P21020556_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:

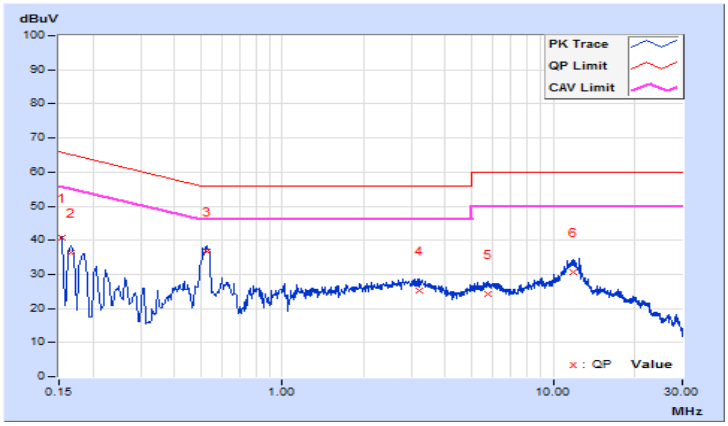
802.11ax (HE80)

操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 42：5210 MHz	量測場地溫度	22℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15400	0.08	40.69	27.96	40.77	28.04	65.78	55.78	-25.01	-27.74
0.16600	0.09	36.18	21.78	36.27	21.87	65.16	55.16	-28.89	-33.29
0.52567	0.13	36.47	31.47	36.60	31.60	56.00	46.00	-19.40	-14.40
3.21000	0.22	25.18	19.72	25.40	19.94	56.00	46.00	-30.60	-26.06
5.73000	0.27	23.81	18.16	24.08	18.43	60.00	50.00	-35.92	-31.57
11.82200	0.35	30.34	25.25	30.69	25.60	60.00	50.00	-29.31	-24.40

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

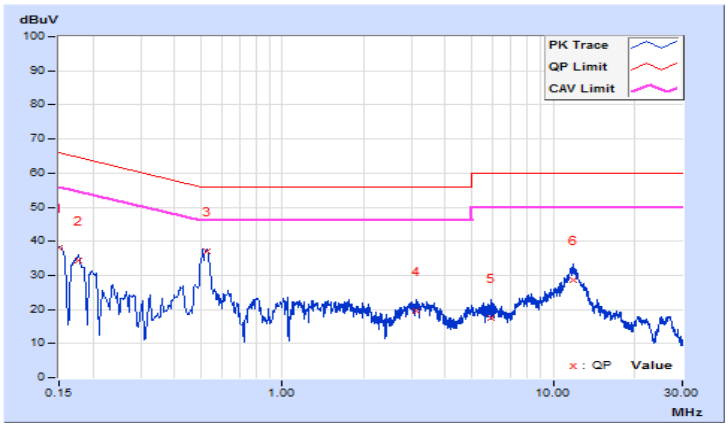


操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 42：5210 MHz	量測場地溫度	22℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	0.07	38.06	26.01	38.13	26.08	66.00	56.00	-27.87	-29.92
0.17754	0.08	34.12	21.77	34.20	21.85	64.60	54.60	-30.40	-32.75
0.52567	0.11	36.80	32.04	36.91	32.15	56.00	46.00	-19.09	-13.85
3.12200	0.21	19.33	12.75	19.54	12.96	56.00	46.00	-36.46	-33.04
5.88200	0.28	17.29	10.46	17.57	10.74	60.00	50.00	-42.43	-39.26
11.89800	0.42	28.21	22.71	28.63	23.13	60.00	50.00	-31.37	-26.87

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

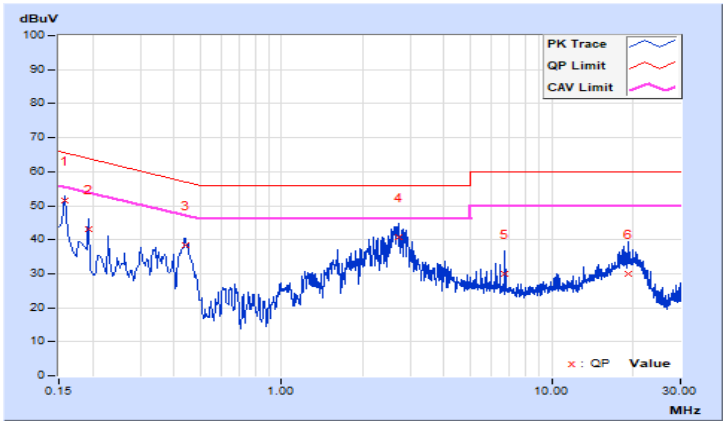


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 42：5210 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15782	10.07	41.44	27.68	51.51	37.75	65.58	55.58	-14.07	-17.83
0.19301	10.08	32.87	18.10	42.95	28.18	63.91	53.91	-20.96	-25.73
0.43934	10.09	28.46	23.00	38.55	33.09	57.07	47.07	-18.52	-13.98
2.70323	10.18	30.58	19.91	40.76	30.09	56.00	46.00	-15.24	-15.91
6.73444	10.27	19.63	13.35	29.90	23.62	60.00	50.00	-30.10	-26.38
19.13305	10.44	19.38	12.51	29.82	22.95	60.00	50.00	-30.18	-27.05

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

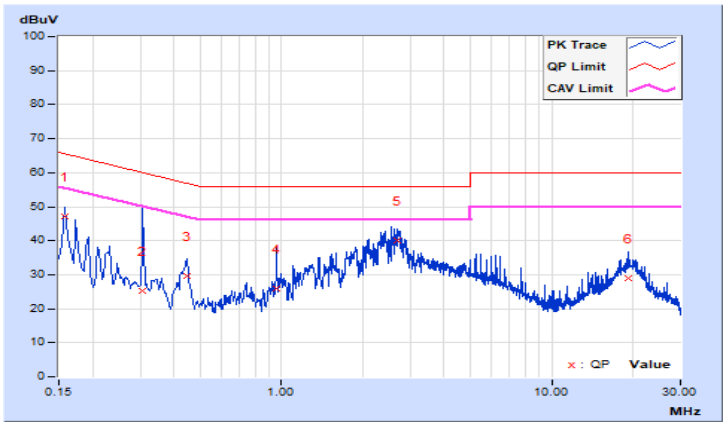


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 42：5210 MHz	量測場地溫度	25℃
調變技術	OFDMA	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15782	10.08	36.98	24.36	47.06	34.44	65.58	55.58	-18.52	-21.14
0.30640	10.09	15.02	6.50	25.11	16.59	60.07	50.07	-34.96	-33.48
0.44716	10.10	19.46	12.30	29.56	22.40	56.93	46.93	-27.37	-24.53
0.95546	10.15	15.92	10.64	26.07	20.79	56.00	46.00	-29.93	-25.21
2.69932	10.20	29.88	19.73	40.08	29.93	56.00	46.00	-15.92	-16.07
19.32464	10.63	18.44	11.74	29.07	22.37	60.00	50.00	-30.93	-27.63

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.



Scanning radio:

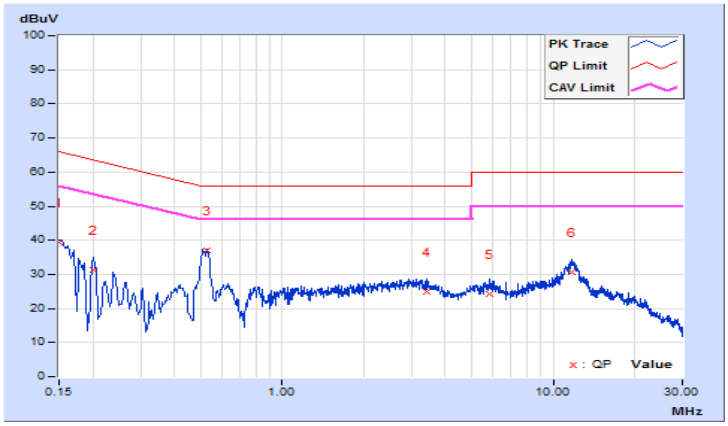
802.11ac (VHT80)

操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 155：5775 MHz	量測場地溫度	22℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	0.08	39.19	27.35	39.27	27.43	66.00	56.00	-26.73	-28.57
0.20148	0.10	31.23	19.12	31.33	19.22	63.55	53.55	-32.22	-34.33
0.52984	0.13	36.80	32.47	36.93	32.60	56.00	46.00	-19.07	-13.40
3.41000	0.23	24.56	19.24	24.79	19.47	56.00	46.00	-31.21	-26.53
5.82200	0.27	23.95	18.08	24.22	18.35	60.00	50.00	-35.78	-31.65
11.71400	0.35	30.33	25.10	30.68	25.45	60.00	50.00	-29.32	-24.55

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

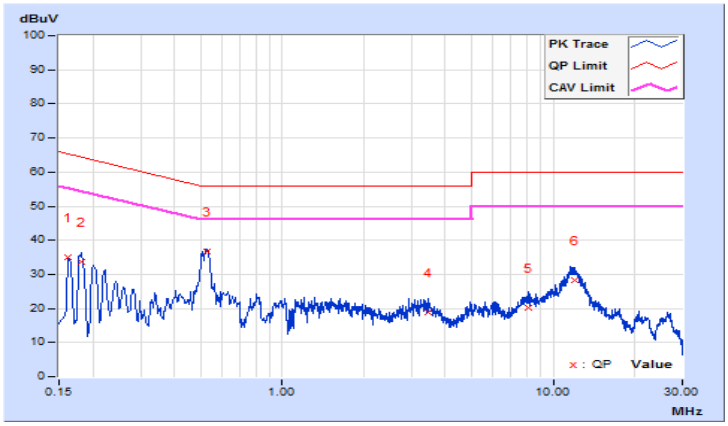


操作模式	發射/接收	測試日期	109 年 12 月 16 日
基本波頻率	CH 155：5775 MHz	量測場地溫度	22℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	林聖博	測試模式	A

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.16200	0.07	34.82	21.14	34.89	21.21	65.36	55.36	-30.47	-34.15
0.18133	0.08	33.55	20.23	33.63	20.31	64.42	54.42	-30.79	-34.11
0.52567	0.11	36.46	31.67	36.57	31.78	56.00	46.00	-19.43	-14.22
3.46200	0.22	18.54	12.62	18.76	12.84	56.00	46.00	-37.24	-33.16
8.05400	0.33	19.73	14.22	20.06	14.55	60.00	50.00	-39.94	-35.45
11.94200	0.42	27.93	22.59	28.35	23.01	60.00	50.00	-31.65	-26.99

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

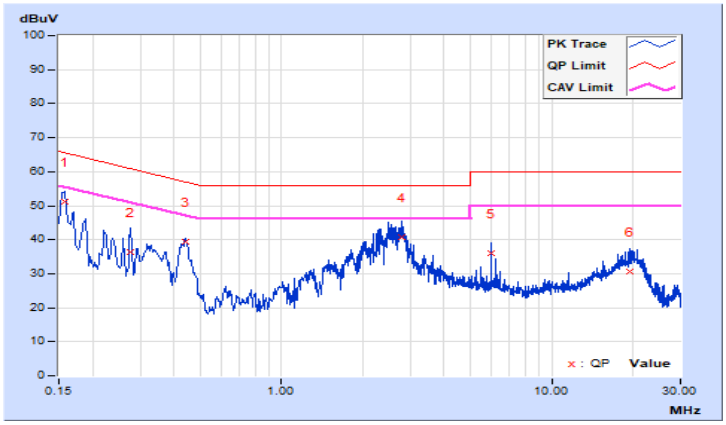


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 155：5775 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15719	10.07	41.23	28.25	51.30	38.32	65.61	55.61	-14.31	-17.29
0.27512	10.08	26.15	16.72	36.23	26.80	60.96	50.96	-24.73	-24.16
0.43924	10.09	29.33	23.73	39.42	33.82	57.08	47.08	-17.66	-13.26
2.78531	10.18	30.54	18.62	40.72	28.80	56.00	46.00	-15.28	-17.20
5.97981	10.25	25.94	17.99	36.19	28.24	60.00	50.00	-23.81	-21.76
19.57488	10.44	20.23	13.21	30.67	23.65	60.00	50.00	-29.33	-26.35

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.

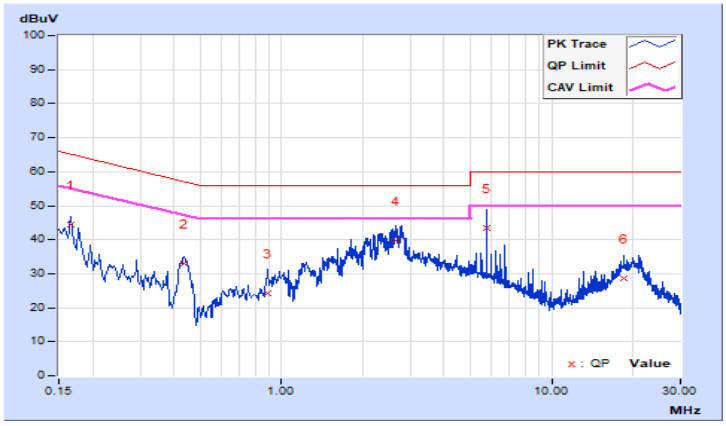


操作模式	發射/接收	測試日期	110 年 06 月 29 日
基本波頻率	CH 155：5775 MHz	量測場地溫度	25℃
調變技術	OFDM	量測場地濕度	75%RH
測試者	李桓輔	測試模式	B

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.16564	10.08	34.53	21.52	44.61	31.60	65.18	55.18	-20.57	-23.58
0.43464	10.10	22.75	15.29	32.85	25.39	57.16	47.16	-24.31	-21.77
0.88899	10.14	14.04	8.11	24.18	18.25	56.00	46.00	-31.82	-27.75
2.64067	10.20	29.62	19.87	39.82	30.07	56.00	46.00	-16.18	-15.93
5.73348	10.30	33.30	20.65	43.60	30.95	60.00	50.00	-16.40	-19.05
18.42925	10.61	17.98	11.06	28.59	21.67	60.00	50.00	-31.41	-28.33

Note:

1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
2.The emission levels of other frequencies were very low against the limit.
3.Margin value = Emission level - Limit value
4.Correction factor = Insertion loss + Cable loss
5.Emission Level = Correction Factor + Reading Value.



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：BDYS-WTW-P21020556_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	109 年 08 月 23 日~ 110 年 03 月 11 日
量測場地溫度	22℃	量測場地濕度	60%RH
測試者	曾健瑋		

5G traffic radio (Radio 2)

Power Output:

For 5180 ~ 5240MHz: CDD Mode (Outdoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	17.35	17.36	17.52	17.48	221.245	23.45	28.80	-2.59	20.86	21.00	Pass
40	5200	17.42	17.28	17.26	17.23	214.72	23.32	28.80	-2.59	20.73	21.00	Pass
48	5240	17.37	17.23	17.29	17.25	214.088	23.31	28.80	-2.59	20.72	21.00	Pass

Note:

1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	17.10	17.13	17.07	17.03	204.327	23.10	28.80	-2.59	20.51	21.00	Pass
40	5200	17.22	16.88	17.00	16.67	198.046	22.97	28.80	-2.59	20.38	21.00	Pass
48	5240	17.01	17.12	16.86	16.84	198.592	22.98	28.80	-2.59	20.39	21.00	Pass

Note:

1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	15.21	15.24	15.11	15.23	132.386	21.22	28.80	-2.59	18.63	21.00	Pass
46	5230	16.80	17.05	16.94	16.87	196.634	22.94	28.80	-2.59	20.35	21.00	Pass

Note:

1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	17.28	17.30	17.30	17.29	214.442	23.31	28.80	-2.59	20.72	21.00	Pass
40	5200	17.42	16.97	17.15	16.85	205.279	23.12	28.80	-2.59	20.53	21.00	Pass
48	5240	16.97	17.20	17.04	16.91	201.928	23.05	28.80	-2.59	20.46	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	15.32	15.39	15.25	15.42	136.965	21.37	28.80	-2.59	18.78	21.00	Pass
46	5230	17.08	17.21	17.02	17.09	205.17	23.12	28.80	-2.59	20.53	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	15.35	15.51	15.39	15.55	140.326	21.47	28.80	-2.59	18.88	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	17.52	17.48	17.52	17.41	224.044	23.50	28.80	-2.59	20.91	21.00	Pass
40	5200	17.52	17.22	17.31	17.01	213.278	23.29	28.80	-2.59	20.70	21.00	Pass
48	5240	17.22	17.43	17.24	17.13	212.666	23.28	28.80	-2.59	20.69	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	15.47	15.51	15.38	15.56	141.29	21.50	28.80	-2.59	18.91	21.00	Pass
46	5230	17.18	17.32	17.25	17.19	211.639	23.26	28.80	-2.59	20.67	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	15.51	15.66	15.41	15.78	144.974	21.61	28.80	-2.59	19.02	21.00	Pass

Note:
1. Main lobe antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

CDD Mode (Indoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	17.35	17.36	17.52	17.48	221.245	23.45	28.80	Pass
40	5200	17.42	17.28	17.26	17.23	214.72	23.32	28.80	Pass
48	5240	17.37	17.23	17.29	17.25	214.088	23.31	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.02	18.08	17.98	18.01	253.703	24.04	28.80	Pass
40	5200	17.93	17.61	17.74	18.29	246.646	23.92	28.80	Pass
48	5240	17.71	17.88	17.79	18.35	248.905	23.96	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	15.21	15.24	15.11	15.23	132.386	21.22	28.80	Pass
46	5230	20.26	20.40	20.20	20.35	428.923	26.32	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.05	18.13	18.00	18.05	255.761	24.08	28.80	Pass
40	5200	18.01	17.65	17.77	18.32	249.213	23.97	28.80	Pass
48	5240	17.75	17.95	17.83	18.41	251.956	24.01	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	15.32	15.39	15.25	15.42	136.965	21.37	28.80	Pass
46	5230	20.38	20.48	20.45	20.45	442.665	26.46	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.35	15.51	15.39	15.55	140.326	21.47	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.11	18.16	18.03	18.08	257.98	24.12	28.80	Pass
40	5200	18.06	17.70	17.81	18.35	251.644	24.01	28.80	Pass
48	5240	17.80	18.00	17.88	18.43	254.391	24.06	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	15.47	15.51	15.38	15.56	141.29	21.50	28.80	Pass
46	5230	20.61	20.88	20.77	20.63	472.552	26.74	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.51	15.66	15.41	15.78	144.974	21.61	28.80	Pass

Note: Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.

Beamforming Mode (Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.45	11.39	11.36	11.34	55.028	17.41	22.78	3.43	20.84	21.00	Pass
40	5200	11.40	11.08	11.22	10.91	52.202	17.18	22.78	3.43	20.61	21.00	Pass
48	5240	11.13	11.24	11.15	11.00	51.897	17.15	22.78	3.43	20.58	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	11.41	11.43	11.31	11.43	55.155	17.42	22.78	3.43	20.85	21.00	Pass
46	5230	11.09	11.25	11.19	11.08	52.164	17.17	22.78	3.43	20.60	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	11.01	11.08	10.84	11.23	50.849	17.06	22.78	3.43	20.49	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.48	11.43	11.45	11.36	55.601	17.45	22.78	3.43	20.88	21.00	Pass
40	5200	11.43	11.15	11.27	10.95	52.773	17.22	22.78	3.43	20.65	21.00	Pass
48	5240	11.18	11.36	11.19	11.05	52.687	17.22	22.78	3.43	20.65	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	11.43	11.48	11.34	11.45	55.538	17.45	22.78	3.43	20.88	21.00	Pass
46	5230	11.13	11.27	11.22	11.13	52.584	17.21	22.78	3.43	20.64	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	11.05	11.13	10.89	11.26	51.347	17.11	22.78	3.43	20.54	21.00	Pass

Note:
1. Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Beamforming gain = 6.02dBi
4. EIRP = average power + (-2.59dBi) + beamforming gain (6.02dBi).

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	Chain 2	Chain 3				
36	5180	16.33	16.49	16.41	16.28	173.733	22.40	22.78	Pass
40	5200	16.50	16.77	16.38	16.42	179.506	22.54	22.78	Pass
48	5240	16.65	16.51	16.44	16.26	177.332	22.49	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	13.48	13.47	13.15	12.98	85.032	19.30	22.78	Pass
46	5230	16.53	16.60	16.27	15.99	172.77	22.37	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.98	13.85	13.75	13.71	96.48	19.84	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.53	16.62	16.56	16.55	181.373	22.59	22.78	Pass
40	5200	16.56	16.91	16.64	16.62	186.432	22.71	22.78	Pass
48	5240	16.68	16.65	16.48	16.22	179.139	22.53	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	13.62	13.66	13.25	13.22	88.366	19.46	22.78	Pass
46	5230	16.73	16.72	16.44	16.16	179.447	22.54	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.19	14.01	13.99	13.89	100.971	20.04	22.78	Pass

Note: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the power limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.

For 5260 ~ 5320MHz, 5500 ~ 5720MHz and 5745 ~ 5825MHz

CDD Mode

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
52	5260	10.06	10.05	9.99	10.00	40.232	16.05	22.71	Pass
60	5300	10.23	10.09	10.03	10.01	40.846	16.11	22.69	Pass
64	5320	10.01	10.05	10.10	10.25	40.964	16.12	22.72	Pass
100	5500	10.52	10.31	10.62	10.42	44.562	16.49	22.72	Pass
116	5580	10.37	10.25	10.37	10.03	42.440	16.28	22.70	Pass
140	5700	10.23	10.02	10.25	9.92	41.000	16.13	22.63	Pass
144	5720 For 5500~5720MHz	10.32	10.29	10.03	10.26	46.494	16.67	21.53	Pass
144	5720 For 5745~5825MHz	-3.13	0.15	4.06	4.50	7.598	8.81	28.80	Pass
149	5745	22.91	22.67	22.73	22.65	751.937	28.76	28.80	Pass
157	5785	22.79	22.68	22.78	22.79	755.239	28.78	28.80	Pass
165	5825	22.53	22.64	22.88	22.67	741.730	28.70	28.80	Pass

Note:
For 5260-5320MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced.
Ch 52: The power limit shall be reduced to 23.91-(7.2-6) = 22.71dBm.
Ch 60: The power limit shall be reduced to 23.89-(7.2-6) = 22.69dBm.
Ch 64: The power limit shall be reduced to 23.92-(7.2-6) = 22.72dBm.
For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced.
Ch 100: The power limit shall be reduced to 23.92-(7.2-6) = 22.72dBm.
Ch 116: The power limit shall be reduced to 23.90-(7.2-6) = 22.70dBm.
Ch 140: The power limit shall be reduced to 23.83-(7.2-6) = 22.63dBm.
Ch 144: The power limit shall be reduced to 22.73-(7.2-6) = 21.53dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260-5320MHz, 5500-5720MHz Band:
Chain 0
1. 11dBm + 10log (19.58) = 23.91 < 24dBm
2. 11dBm + 10log (19.68) = 23.94 < 24dBm
3. 11dBm + 10log (19.62) = 23.92 < 24dBm
4. 11dBm + 10log (19.59) = 23.92 < 24dBm
5. 11dBm + 10log (19.53) = 23.90 < 24dBm
6. 11dBm + 10log (19.42) = 23.88 < 24dBm
7. 11dBm + 10log (5725.00 - 5709.94) = 22.77 < 24dBm
Chain 1
1. 11dBm + 10log (19.69) = 23.94 < 24dBm
2. 11dBm + 10log (19.63) = 23.92 < 24dBm
3. 11dBm + 10log (19.85) = 23.97 < 24dBm
4. 11dBm + 10log (19.74) = 23.95 < 24dBm
5. 11dBm + 10log (19.72) = 23.94 < 24dBm
6. 11dBm + 10log (19.50) = 23.90 < 24dBm
7. 11dBm + 10log (5725.00 - 5710.08) = 22.73 < 24dBm
Chain 2
1. 11dBm + 10log (19.62) = 23.92 < 24dBm
2. 11dBm + 10log (19.64) = 23.93 < 24dBm
3. 11dBm + 10log (19.59) = 23.92 < 24dBm
4. 11dBm + 10log (19.84) = 23.97 < 24dBm
5. 11dBm + 10log (19.78) = 23.96 < 24dBm
6. 11dBm + 10log (19.38) = 23.87 < 24dBm
7. 11dBm + 10log (5725.00 - 5709.95) = 22.77 < 24dBm
Chain 3
1. 11dBm + 10log (19.71) = 23.94 < 24dBm
2. 11dBm + 10log (19.48) = 23.89 < 24dBm
3. 11dBm + 10log (19.76) = 23.95 < 24dBm
4. 11dBm + 10log (19.72) = 23.94 < 24dBm
5. 11dBm + 10log (19.66) = 23.93 < 24dBm
6. 11dBm + 10log (19.23) = 23.83 < 24dBm
7. 11dBm + 10log (5725.00 - 5709.96) = 22.77 < 24dBm

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	Chain 2	Chain 3				
52	5260	10.58	10.47	10.58	10.76	45.913	16.62	22.80	Pass
60	5300	10.65	10.43	10.62	10.77	46.130	16.64	22.80	Pass
64	5320	10.53	10.57	10.73	10.67	46.199	16.65	22.80	Pass
100	5500	10.38	10.45	10.60	10.48	44.656	16.50	22.80	Pass
116	5580	10.41	10.40	10.41	10.30	43.660	16.40	22.80	Pass
140	5700	10.12	10.11	10.30	9.95	41.137	16.14	22.80	Pass
144	5720 For 5500~5720MHz	10.12	10.13	10.17	10.40	43.883	16.42	21.78	Pass
144	5720 For 5745~5825MHz	2.75	6.97	4.81	3.02	12.441	10.95	28.80	Pass
149	5745	22.30	22.55	22.54	22.33	700.186	28.45	28.80	Pass
157	5785	22.31	22.40	22.66	22.16	692.935	28.41	28.80	Pass
165	5825	22.28	22.47	22.53	22.26	692.976	28.41	28.80	Pass

Note:
For 5260-5320MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced.
Ch 100, 116, 140: The power limit shall be reduced to 23.92-(7.2-6) = 22.80dBm.
Ch 144: The power limit shall be reduced to 22.98-(7.2-6) = 21.78dBm
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260-5320MHz, 5500-5720MHz Band:
Chain 0
1. 11dBm + 10log (21.65) = 24.35 > 24dBm
2. 11dBm + 10log (21.42) = 24.30 > 24dBm
3. 11dBm + 10log (21.31) = 24.28 > 24dBm
4. 11dBm + 10log (21.39) = 24.30 > 24dBm
5. 11dBm + 10log (21.50) = 24.32 > 24dBm
6. 11dBm + 10log (21.87) = 24.39 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.13) = 23.00 < 24dBm
Chain 1
1. 11dBm + 10log (21.48) = 24.32 > 24dBm
2. 11dBm + 10log (21.20) = 24.26 > 24dBm
3. 11dBm + 10log (21.38) = 24.30 > 24dBm
4. 11dBm + 10log (21.62) = 24.34 > 24dBm
5. 11dBm + 10log (21.36) = 24.29 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.21) = 22.98 < 24dBm
Chain 2
1. 11dBm + 10log (21.39) = 24.30 > 24dBm
2. 11dBm + 10log (21.29) = 24.28 > 24dBm
3. 11dBm + 10log (21.26) = 24.27 > 24dBm
4. 11dBm + 10log (21.42) = 24.30 > 24dBm
5. 11dBm + 10log (21.43) = 24.31 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.02) = 23.03 < 24dBm
Chain 3
1. 11dBm + 10log (21.56) = 24.33 > 24dBm
2. 11dBm + 10log (21.68) = 24.36 > 24dBm
3. 11dBm + 10log (21.47) = 24.31 > 24dBm
4. 11dBm + 10log (21.26) = 24.27 > 24dBm
5. 11dBm + 10log (21.25) = 24.27 > 24dBm
6. 11dBm + 10log (21.57) = 24.33 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.19) = 22.98 < 24dBm

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	Chain 2	Chain 3				
54	5270	13.60	13.15	13.37	13.55	87.936	19.44	22.80	Pass
62	5310	13.58	13.40	13.75	13.37	90.122	19.55	22.80	Pass
102	5510	13.61	13.42	13.76	13.30	90.088	19.55	22.80	Pass
110	5550	13.62	13.43	13.86	13.42	91.344	19.61	22.80	Pass
134	5670	13.70	13.20	13.53	13.16	87.579	19.42	22.80	Pass
142	5710 For 5500~5720MHz	13.23	13.25	13.36	13.30	89.078	19.50	22.80	Pass
142	5710 For 5745~5825MHz	3.91	3.05	4.15	2.61	9.305	9.69	28.80	Pass
151	5755	22.43	21.85	22.70	22.08	675.738	28.30	28.80	Pass
159	5795	22.64	22.85	21.83	22.00	687.301	28.37	28.80	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (42.15) = 27.24 > 24dBm
2. 11dBm + 10log (42.20) = 27.25 > 24dBm
3. 11dBm + 10log (42.28) = 27.26 > 24dBm
4. 11dBm + 10log (42.50) = 27.28 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.03) = 26.55 > 24dBm
Chain 1
1. 11dBm + 10log (42.44) = 27.27 > 24dBm
2. 11dBm + 10log (42.09) = 27.24 > 24dBm
3. 11dBm + 10log (42.22) = 27.25 > 24dBm
4. 11dBm + 10log (42.12) = 27.24 > 24dBm
5. 11dBm + 10log (42.06) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.05) = 26.55 > 24dBm
Chain 2
1. 11dBm + 10log (42.01) = 27.23 > 24dBm
2. 11dBm + 10log (42.08) = 27.24 > 24dBm
3. 11dBm + 10log (42.21) = 27.25 > 24dBm
4. 11dBm + 10log (41.92) = 27.22 > 24dBm
5. 11dBm + 10log (42.21) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.09) = 26.55 > 24dBm

Chain 3

1. 11dBm + 10log (42.81) = 27.31 > 24dBm
2. 11dBm + 10log (42.48) = 27.28 > 24dBm
3. 11dBm + 10log (42.42) = 27.27 > 24dBm
4. 11dBm + 10log (42.23) = 27.25 > 24dBm
5. 11dBm + 10log (42.05) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.80) = 26.58 > 24dBm

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	Chain 2	Chain 3				
52	5260	10.60	10.50	10.60	10.80	46.206	16.65	22.80	Pass
60	5300	10.70	10.46	10.65	10.79	46.476	16.67	22.80	Pass
64	5320	10.58	10.60	10.78	10.70	46.627	16.69	22.80	Pass
100	5500	10.41	10.47	10.62	10.50	44.888	16.52	22.80	Pass
116	5580	10.43	10.42	10.43	10.32	43.862	16.42	22.80	Pass
140	5700	10.15	10.13	10.32	9.96	41.328	16.16	22.80	Pass
144	5720 For 5500~5720MHz	10.15	10.16	10.20	10.42	44.160	16.45	21.78	Pass
144	5720 For 5745~5825MHz	2.80	7.00	4.85	3.05	12.544	10.98	28.80	Pass
149	5745	22.44	22.65	22.58	22.51	718.837	28.57	28.80	Pass
157	5785	22.65	22.46	22.86	22.27	722.127	28.59	28.80	Pass
165	5825	22.37	22.62	22.64	22.43	714.032	28.54	28.80	Pass

Note:
For 5260-5320MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced.
Ch 100, 116, 140: The power limit shall be reduced to 23.92-(7.2-6) = 22.80dBm.
Ch 144: The power limit shall be reduced to 22.98-(7.2-6) = 21.78dBm
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (21.65) = 24.35 > 24dBm
2. 11dBm + 10log (21.42) = 24.30 > 24dBm
3. 11dBm + 10log (21.31) = 24.28 > 24dBm
4. 11dBm + 10log (21.39) = 24.30 > 24dBm
5. 11dBm + 10log (21.50) = 24.32 > 24dBm
6. 11dBm + 10log (21.87) = 24.39 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.13) = 23.00 < 24dBm

Chain 1
1. 11dBm + 10log (21.48) = 24.32 > 24dBm
2. 11dBm + 10log (21.20) = 24.26 > 24dBm
3. 11dBm + 10log (21.38) = 24.30 > 24dBm
4. 11dBm + 10log (21.62) = 24.34 > 24dBm
5. 11dBm + 10log (21.36) = 24.29 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.21) = 22.98 < 24dBm

Chain 2

1. 11dBm + 10log (21.39) = 24.30 > 24dBm
2. 11dBm + 10log (21.29) = 24.28 > 24dBm
3. 11dBm + 10log (21.26) = 24.27 > 24dBm
4. 11dBm + 10log (21.42) = 24.30 > 24dBm
5. 11dBm + 10log (21.43) = 24.31 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.02) = 23.03 < 24dBm

Chain 3

1. 11dBm + 10log (21.56) = 24.33 > 24dBm
2. 11dBm + 10log (21.68) = 24.36 > 24dBm
3. 11dBm + 10log (21.47) = 24.31 > 24dBm
4. 11dBm + 10log (21.26) = 24.27 > 24dBm
5. 11dBm + 10log (21.25) = 24.27 > 24dBm
6. 11dBm + 10log (21.57) = 24.33 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.19) = 22.98 < 24dBm

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	Chain 2	Chain 3				
54	5270	13.63	13.18	13.41	13.58	88.596	19.47	22.80	Pass
62	5310	13.60	13.42	13.80	13.40	90.753	19.58	22.80	Pass
102	5510	13.62	13.45	13.80	13.33	90.662	19.57	22.80	Pass
110	5550	13.67	13.47	13.90	13.45	92.192	19.65	22.80	Pass
134	5670	13.72	13.23	13.59	13.20	88.337	19.46	22.80	Pass
142	5710 For 5500~5720MHz	13.23	13.25	13.36	13.30	89.078	19.50	22.80	Pass
142	5710 For 5745~5825MHz	3.91	3.05	4.15	2.61	9.305	9.69	28.80	Pass
151	5755	22.50	22.07	22.74	22.25	694.705	28.42	28.80	Pass
159	5795	22.79	22.97	22.00	22.22	713.475	28.53	28.80	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (42.15) = 27.24 > 24dBm
2. 11dBm + 10log (42.20) = 27.25 > 24dBm
3. 11dBm + 10log (42.28) = 27.26 > 24dBm
4. 11dBm + 10log (42.50) = 27.28 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.03) = 26.55 > 24dBm

Chain 1
1. 11dBm + 10log (42.44) = 27.27 > 24dBm
2. 11dBm + 10log (42.09) = 27.24 > 24dBm
3. 11dBm + 10log (42.22) = 27.25 > 24dBm
4. 11dBm + 10log (42.12) = 27.24 > 24dBm
5. 11dBm + 10log (42.06) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.05) = 26.55 > 24dBm

Chain 2

1. 11dBm + 10log (42.01) = 27.23 > 24dBm
2. 11dBm + 10log (42.08) = 27.24 > 24dBm
3. 11dBm + 10log (42.21) = 27.25 > 24dBm
4. 11dBm + 10log (41.92) = 27.22 > 24dBm
5. 11dBm + 10log (42.21) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.09) = 26.55 > 24dBm

Chain 3

1. 11dBm + 10log (42.81) = 27.31 > 24dBm
2. 11dBm + 10log (42.48) = 27.28 > 24dBm
3. 11dBm + 10log (42.42) = 27.27 > 24dBm
4. 11dBm + 10log (42.23) = 27.25 > 24dBm
5. 11dBm + 10log (42.05) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.80) = 26.58 > 24dBm

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	Chain 2	Chain 3				
58	5290	14.62	14.31	15.07	14.45	115.949	20.64	22.80	Pass
106	5530	16.07	15.83	16.43	16.00	162.505	22.11	22.80	Pass
122	5610	16.21	15.92	16.40	15.93	163.693	22.14	22.80	Pass
138	5690 For 5500~5720MHz	16.35	16.16	16.35	16.10	178.742	22.52	22.80	Pass
138	5690 For 5745~5825MHz	1.11	3.25	-1.28	0.07	5.485	7.39	28.80	Pass
155	5775	19.62	19.62	19.55	19.46	361.709	25.58	28.80	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (82.54) = 30.16 > 24dBm
2. 11dBm + 10log (82.69) = 30.17 > 24dBm
3. 11dBm + 10log (82.97) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.61) = 29.83 > 24dBm

Chain 1
1. 11dBm + 10log (82.64) = 30.17 > 24dBm
2. 11dBm + 10log (82.79) = 30.17 > 24dBm
3. 11dBm + 10log (82.94) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.48) = 29.83 > 24dBm

Chain 2
1. 11dBm + 10log (82.50) = 30.16 > 24dBm
2. 11dBm + 10log (82.74) = 30.17 > 24dBm
3. 11dBm + 10log (83.03) = 30.19 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.18) = 29.85 > 24dBm

Chain 3
1. 11dBm + 10log (83.12) = 30.19 > 24dBm
2. 11dBm + 10log (82.94) = 30.18 > 24dBm
3. 11dBm + 10log (83.22) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.10) = 29.85 > 24dBm

802.11ac (VHT80+80)

Outdoor Access Point

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58	5210+5290	15.70	14.46	-	-	65.079	18.13	28.80	-2.59	15.54	21.00	Pass
		-	-	15.56	14.35	63.202	18.01	22.80	-	-	-	Pass

Note:

1. Main lobe antenna gain =
   For 5180-5240MHz: 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.
   For 5260-5320MHz: 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

Indoor Access Point

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58	5210+5290	15.70	14.46	-	-	65.079	18.13	28.80	Pass
		-	-	15.56	14.35	63.202	18.01	22.80	Pass
106+122	5530+5610	16.76	16.50	-	-	92.093	19.64	22.80	Pass
		-	-	16.67	16.45	90.609	19.57	22.80	Pass

Note:

For 5180-5240MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:

Chain 0

1. 11dBm + 10log (82.30) = 30.15 > 24dBm
2. 11dBm + 10log (83.05) = 30.19 > 24dBm

Chain 1

1. 11dBm + 10log (82.85) = 30.18 > 24dBm
2. 11dBm + 10log (83.17) = 30.19 > 24dBm

Chain 2

1. 11dBm + 10log (124.91) = 31.96 > 24dBm
2. 11dBm + 10log (151.31) = 32.79 > 24dBm

Chain 3

1. 11dBm + 10log (125.10) = 31.97 > 24dBm
2. 11dBm + 10log (151.75) = 32.81 > 24dBm

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	Chain 2	Chain 3				
52	5260	10.62	10.52	10.62	10.82	46.419	16.67	22.80	Pass
60	5300	10.72	10.50	10.70	10.82	46.851	16.71	22.80	Pass
64	5320	10.60	10.63	10.80	10.73	46.896	16.71	22.80	Pass
100	5500	10.43	10.50	10.65	10.52	45.147	16.55	22.80	Pass
116	5580	10.50	10.45	10.47	10.34	44.269	16.46	22.80	Pass
140	5700	10.21	10.19	10.35	9.99	41.759	16.21	22.80	Pass
144	5720 For 5500~5720MHz	10.17	10.18	10.22	10.44	44.364	16.47	21.78	Pass
144	5720 For 5745~5825MHz	2.82	7.01	5.00	3.07	12.687	11.03	28.80	Pass
149	5745	22.69	22.81	22.83	22.61	751.022	28.76	28.80	Pass
157	5785	22.75	22.63	22.97	22.52	748.398	28.74	28.80	Pass
165	5825	22.62	22.83	22.83	22.63	749.775	28.75	28.80	Pass

Note:
For 5260-5320MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced.
Ch 100, 116, 140: The power limit shall be reduced to 23.92-(7.2-6) = 22.80dBm.
Ch 144: The power limit shall be reduced to 22.98-(7.2-6) = 21.78dBm
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (21.65) = 24.35 > 24dBm
2. 11dBm + 10log (21.42) = 24.30 > 24dBm
3. 11dBm + 10log (21.31) = 24.28 > 24dBm
4. 11dBm + 10log (21.39) = 24.30 > 24dBm
5. 11dBm + 10log (21.50) = 24.32 > 24dBm
6. 11dBm + 10log (21.87) = 24.39 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.13) = 23.00 < 24dBm

Chain 1
1. 11dBm + 10log (21.48) = 24.32 > 24dBm
2. 11dBm + 10log (21.20) = 24.26 > 24dBm
3. 11dBm + 10log (21.38) = 24.30 > 24dBm
4. 11dBm + 10log (21.62) = 24.34 > 24dBm
5. 11dBm + 10log (21.36) = 24.29 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.21) = 22.98 < 24dBm

Chain 2

1. 11dBm + 10log (21.39) = 24.30 > 24dBm
2. 11dBm + 10log (21.29) = 24.28 > 24dBm
3. 11dBm + 10log (21.26) = 24.27 > 24dBm
4. 11dBm + 10log (21.42) = 24.30 > 24dBm
5. 11dBm + 10log (21.43) = 24.31 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.02) = 23.03 < 24dBm

Chain 3

1. 11dBm + 10log (21.56) = 24.33 > 24dBm
2. 11dBm + 10log (21.68) = 24.36 > 24dBm
3. 11dBm + 10log (21.47) = 24.31 > 24dBm
4. 11dBm + 10log (21.26) = 24.27 > 24dBm
5. 11dBm + 10log (21.25) = 24.27 > 24dBm
6. 11dBm + 10log (21.57) = 24.33 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.19) = 22.98 < 24dBm

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	Chain 2	Chain 3				
54	5270	13.69	13.20	13.42	13.60	89.169	19.50	22.80	Pass
62	5310	13.62	13.45	13.82	13.42	91.223	19.60	22.80	Pass
102	5510	13.63	13.50	13.83	13.35	91.236	19.60	22.80	Pass
110	5550	13.70	13.50	13.92	13.47	92.723	19.67	22.80	Pass
134	5670	13.75	13.28	13.63	13.23	89.100	19.50	22.80	Pass
142	5710 For 5500~5720MHz	13.26	13.27	13.39	13.32	89.593	19.52	22.80	Pass
142	5710 For 5745~5825MHz	3.95	3.10	4.17	2.63	9.374	9.72	28.80	Pass
151	5755	22.71	22.21	22.96	22.49	728.095	28.62	28.80	Pass
159	5795	23.01	23.17	22.22	22.36	746.389	28.73	28.80	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (42.15) = 27.24 > 24dBm
2. 11dBm + 10log (42.20) = 27.25 > 24dBm
3. 11dBm + 10log (42.28) = 27.26 > 24dBm
4. 11dBm + 10log (42.50) = 27.28 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.03) = 26.55 > 24dBm

Chain 1
1. 11dBm + 10log (42.44) = 27.27 > 24dBm
2. 11dBm + 10log (42.09) = 27.24 > 24dBm
3. 11dBm + 10log (42.22) = 27.25 > 24dBm
4. 11dBm + 10log (42.12) = 27.24 > 24dBm
5. 11dBm + 10log (42.06) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.05) = 26.55 > 24dBm

Chain 2

1. 11dBm + 10log (42.01) = 27.23 > 24dBm
2. 11dBm + 10log (42.08) = 27.24 > 24dBm
3. 11dBm + 10log (42.21) = 27.25 > 24dBm
4. 11dBm + 10log (41.92) = 27.22 > 24dBm
5. 11dBm + 10log (42.21) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.09) = 26.55 > 24dBm

Chain 3

1. 11dBm + 10log (42.81) = 27.31 > 24dBm
2. 11dBm + 10log (42.48) = 27.28 > 24dBm
3. 11dBm + 10log (42.42) = 27.27 > 24dBm
4. 11dBm + 10log (42.23) = 27.25 > 24dBm
5. 11dBm + 10log (42.05) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.80) = 26.58 > 24dBm

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	Chain 2	Chain 3				
58	5290	14.66	14.35	15.11	14.49	117.022	20.68	22.80	Pass
106	5530	16.11	15.86	16.48	16.02	163.837	22.14	22.80	Pass
122	5610	16.25	16.01	16.42	16.01	165.828	22.20	22.80	Pass
138	5690 For 5500~5720MHz	16.37	16.18	16.37	16.12	179.567	22.54	22.80	Pass
138	5690 For 5745~5825MHz	1.16	3.29	-1.26	0.09	5.530	7.43	28.80	Pass
155	5775	19.79	19.77	19.73	19.61	375.505	25.75	28.80	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (82.54) = 30.16 > 24dBm
2. 11dBm + 10log (82.69) = 30.17 > 24dBm
3. 11dBm + 10log (82.97) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.61) = 29.83 > 24dBm

Chain 1
1. 11dBm + 10log (82.64) = 30.17 > 24dBm
2. 11dBm + 10log (82.79) = 30.17 > 24dBm
3. 11dBm + 10log (82.94) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.48) = 29.83 > 24dBm

Chain 2
1. 11dBm + 10log (82.50) = 30.16 > 24dBm
2. 11dBm + 10log (82.74) = 30.17 > 24dBm
3. 11dBm + 10log (83.03) = 30.19 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.18) = 29.85 > 24dBm

Chain 3
1. 11dBm + 10log (83.12) = 30.19 > 24dBm
2. 11dBm + 10log (82.94) = 30.18 > 24dBm
3. 11dBm + 10log (83.22) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.10) = 29.85 > 24dBm

802.11ax (HE80+80)

Outdoor Access Point

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58	5210+5290	15.72	14.48	-	-	65.379	18.15	28.80	-2.59	15.56	21.00	Pass
		-	-	15.58	14.37	63.494	18.03	22.80	-	-	-	Pass

Note:
1. Main lobe antenna gain =
   For 5180-5240MHz: 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.
   For 5260-5320MHz: 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.
2. Side lobe antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

Indoor Access Point

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58	5210+5290	15.72	14.48	-	-	65.379	18.15	28.80	Pass
		-	-	15.58	14.37	63.494	18.03	22.80	Pass
106+122	5530+5610	16.78	16.53	-	-	92.621	19.67	22.80	Pass
		-	-	16.69	16.47	91.027	19.59	22.80	Pass

Note:
For 5180-5240MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.
For 5260-5320MHz & For 5500-5720MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 24-(7.2-6) = 22.80dBm.

For 5260~5320MHz, 5500~5720MHz Band:

Chain 0

1. 11dBm + 10log (82.30) = 30.15 > 24dBm
2. 11dBm + 10log (83.05) = 30.19 > 24dBm

Chain 1

1. 11dBm + 10log (82.85) = 30.18 > 24dBm
2. 11dBm + 10log (83.17) = 30.19 > 24dBm

Chain 2

1. 11dBm + 10log (124.91) = 31.96 > 24dBm
2. 11dBm + 10log (151.31) = 32.79 > 24dBm

Chain 3

1. 11dBm + 10log (125.10) = 31.97 > 24dBm
2. 11dBm + 10log (151.75) = 32.81 > 24dBm

Beamforming Mode

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	Chain 2	Chain 3				
52	5260	10.56	10.45	10.57	10.75	45.756	16.60	16.78	Pass
60	5300	10.59	10.47	10.52	10.74	45.728	16.60	16.78	Pass
64	5320	10.57	10.46	10.75	10.58	45.834	16.61	16.78	Pass
100	5500	10.32	10.37	10.56	10.52	44.302	16.46	16.78	Pass
116	5580	10.47	10.32	10.46	10.20	43.496	16.38	16.78	Pass
140	5700	8.97	9.10	8.90	8.67	31.141	14.93	16.78	Pass
144	5720 For 5500~5720MHz	9.59	9.28	9.30	9.52	37.037	15.69	15.76	Pass
144	5720 For 5745~5825MHz	5.03	4.71	5.52	4.16	13.016	11.14	22.78	Pass
149	5745	16.20	16.17	16.58	16.01	168.488	22.27	22.78	Pass
157	5785	16.32	16.05	16.45	16.09	167.928	22.25	22.78	Pass
165	5825	16.59	16.31	16.45	16.60	178.226	22.51	22.78	Pass

Note:
For 5260-5320MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced.
Ch 100, 116, 140: The limit shall be reduced to 24-(13.22-6) = 16.78dBm.
Ch 144: The limit shall be reduced to 22.98-(13.22-6) = 15.76dBm.
For 5745-5825MHz: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (21.65) = 24.35 > 24dBm
2. 11dBm + 10log (21.42) = 24.30 > 24dBm
3. 11dBm + 10log (21.31) = 24.28 > 24dBm
4. 11dBm + 10log (21.39) = 24.30 > 24dBm
5. 11dBm + 10log (21.50) = 24.32 > 24dBm
6. 11dBm + 10log (21.87) = 24.39 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.13) = 23.00 < 24dBm
Chain 1
1. 11dBm + 10log (21.48) = 24.32 > 24dBm
2. 11dBm + 10log (21.20) = 24.26 > 24dBm
3. 11dBm + 10log (21.38) = 24.30 > 24dBm
4. 11dBm + 10log (21.62) = 24.34 > 24dBm
5. 11dBm + 10log (21.36) = 24.29 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.21) = 22.98 < 24dBm
Chain 2
1. 11dBm + 10log (21.39) = 24.30 > 24dBm
2. 11dBm + 10log (21.29) = 24.28 > 24dBm
3. 11dBm + 10log (21.26) = 24.27 > 24dBm
4. 11dBm + 10log (21.42) = 24.30 > 24dBm
5. 11dBm + 10log (21.43) = 24.31 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.02) = 23.03 < 24dBm
Chain 3
1. 11dBm + 10log (21.56) = 24.33 > 24dBm
2. 11dBm + 10log (21.68) = 24.36 > 24dBm
3. 11dBm + 10log (21.47) = 24.31 > 24dBm
4. 11dBm + 10log (21.26) = 24.27 > 24dBm
5. 11dBm + 10log (21.25) = 24.27 > 24dBm
6. 11dBm + 10log (21.57) = 24.33 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.19) = 22.98 < 24dBm

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	Chain 2	Chain 3				
54	5270	10.55	10.10	10.37	10.55	43.822	16.42	16.78	Pass
62	5310	10.57	10.30	10.72	10.34	44.735	16.51	16.78	Pass
102	5510	10.21	10.32	10.36	10.30	42.840	16.32	16.78	Pass
110	5550	10.65	10.37	10.76	10.37	45.306	16.56	16.78	Pass
134	5670	10.60	10.25	10.52	10.05	43.462	16.38	16.78	Pass
142	5710 For 5500~5720MHz	10.05	10.45	10.37	10.50	45.513	16.58	16.78	Pass
142	5710 For 5745~5825MHz	-1.48	0.01	0.25	1.55	4.4147	6.45	22.78	Pass
151	5755	15.79	15.98	15.74	15.78	152.901	21.84	22.78	Pass
159	5795	15.65	15.71	15.64	15.45	145.686	21.63	22.78	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5745-5825MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (42.15) = 27.24 > 24dBm
2. 11dBm + 10log (42.20) = 27.25 > 24dBm
3. 11dBm + 10log (42.28) = 27.26 > 24dBm
4. 11dBm + 10log (42.50) = 27.28 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.03) = 26.55 > 24dBm

Chain 1
1. 11dBm + 10log (42.44) = 27.27 > 24dBm
2. 11dBm + 10log (42.09) = 27.24 > 24dBm
3. 11dBm + 10log (42.22) = 27.25 > 24dBm
4. 11dBm + 10log (42.12) = 27.24 > 24dBm
5. 11dBm + 10log (42.06) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.05) = 26.55 > 24dBm

Chain 2
1. 11dBm + 10log (42.01) = 27.23 > 24dBm
2. 11dBm + 10log (42.08) = 27.24 > 24dBm
3. 11dBm + 10log (42.21) = 27.25 > 24dBm
4. 11dBm + 10log (41.92) = 27.22 > 24dBm
5. 11dBm + 10log (42.21) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.09) = 26.55 > 24dBm

Chain 3

1. 11dBm + 10log (42.81) = 27.31 > 24dBm
2. 11dBm + 10log (42.48) = 27.28 > 24dBm
3. 11dBm + 10log (42.42) = 27.27 > 24dBm
4. 11dBm + 10log (42.23) = 27.25 > 24dBm
5. 11dBm + 10log (42.05) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.80) = 26.58 > 24dBm

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	Chain 2	Chain 3				
58	5290	10.51	10.34	10.96	10.35	45.373	16.57	16.78	Pass
106	5530	10.55	11.05	10.75	10.40	46.935	16.71	16.78	Pass
122	5610	10.80	11.11	10.52	10.16	46.582	16.68	16.78	Pass
138	5690 For 5500~5720MHz	10.32	10.48	10.55	10.41	47.135	16.73	16.78	Pass
138	5690 For 5745~5825MHz	-5.29	-4.69	-3.25	-3.45	1.661	2.20	22.78	Pass
155	5775	16.48	16.46	16.75	16.26	178.304	22.51	22.78	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5745-5825MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (82.54) = 30.16 > 24dBm
2. 11dBm + 10log (82.69) = 30.17 > 24dBm
3. 11dBm + 10log (82.97) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.61) = 29.83 > 24dBm

Chain 1
1. 11dBm + 10log (82.64) = 30.17 > 24dBm
2. 11dBm + 10log (82.79) = 30.17 > 24dBm
3. 11dBm + 10log (82.94) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.48) = 29.83 > 24dBm

Chain 2
1. 11dBm + 10log (82.50) = 30.16 > 24dBm
2. 11dBm + 10log (82.74) = 30.17 > 24dBm
3. 11dBm + 10log (83.03) = 30.19 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.18) = 29.85 > 24dBm

Chain 3
1. 11dBm + 10log (83.12) = 30.19 > 24dBm
2. 11dBm + 10log (82.94) = 30.18 > 24dBm
3. 11dBm + 10log (83.22) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.10) = 29.85 > 24dBm

802.11ac (VHT80+80)

Outdoor Access Point

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58	5210+5290	14.67	14.32	-	-	56.349	17.51	25.79	3.43	20.94	21.00	Pass
		-	-	14.45	14.23	54.346	17.35	19.79	-	-	-	Pass

Note:
1. Main lobe antenna gain =
   For 5180-5240MHz: 10.21dBi > 6dBi, so the limit shall be reduced to 30-(10.21-6) = 25.79dBm.
   For 5260-5320MHz: 10.21dBi > 6dBi, so the limit shall be reduced to 24-(10.21-6) = 19.79dBm.
2. Side lobe antenna gain = 3.43dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

Indoor Access Point

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58	5210+5290	14.67	14.32	-	-	56.349	17.51	25.79	Pass
		-	-	14.45	14.23	54.346	17.35	19.79	Pass
106+122	5530+5610	13.60	13.45	-	-	45.040	16.54	16.78	Pass
		-	-	13.52	13.30	43.870	16.42	16.78	Pass

Note:
For 5180-5240MHz: Directional gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the limit shall be reduced to 30-(10.21-6) = 25.79dBm.
For 5260-5320MHz: Directional Gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the limit shall be reduced to 24-(10.21-6) = 19.79dBm.
For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (82.76) = 30.17 > 24dBm
2. 11dBm + 10log (82.72) = 30.17 > 24dBm
Chain 1
1. 11dBm + 10log (82.56) = 30.16 > 24dBm
2. 11dBm + 10log (82.36) = 30.15 > 24dBm
Chain 2
1. 11dBm + 10log (82.57) = 30.16 > 24dBm
2. 11dBm + 10log (82.89) = 30.18 > 24dBm
Chain 3
1. 11dBm + 10log (83.12) = 30.19 > 24dBm
2. 11dBm + 10log (83.07) = 30.19 > 24dBm

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	Chain 2	Chain 3				
52	5260	10.58	10.47	10.61	10.78	46.047	16.63	16.78	Pass
60	5300	10.71	10.49	10.55	10.76	46.233	16.65	16.78	Pass
64	5320	10.59	10.49	10.77	10.61	46.097	16.64	16.78	Pass
100	5500	10.35	10.39	10.58	10.54	44.532	16.49	16.78	Pass
116	5580	10.49	10.35	10.48	10.22	43.722	16.41	16.78	Pass
140	5700	8.99	9.12	8.92	8.69	31.285	14.95	16.78	Pass
144	5720 For 5500~5720MHz	9.61	9.31	9.32	9.54	37.228	15.71	15.76	Pass
144	5720 For 5745~5825MHz	5.08	4.73	5.54	4.19	13.106	11.17	22.78	Pass
149	5745	16.44	16.42	16.87	16.16	177.854	22.50	22.78	Pass
157	5785	16.63	16.21	16.67	16.16	175.565	22.44	22.78	Pass
165	5825	16.77	16.53	16.66	16.82	186.94	22.72	22.78	Pass

Note:
For 5260-5320MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced.
Ch 100, 116, 140: The limit shall be reduced to 24-(13.22-6) = 16.78dBm.
Ch 144: The limit shall be reduced to 22.98-(13.22-6) = 15.76dBm.
For 5745-5825MHz: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (21.65) = 24.35 > 24dBm
2. 11dBm + 10log (21.42) = 24.30 > 24dBm
3. 11dBm + 10log (21.31) = 24.28 > 24dBm
4. 11dBm + 10log (21.39) = 24.30 > 24dBm
5. 11dBm + 10log (21.50) = 24.32 > 24dBm
6. 11dBm + 10log (21.87) = 24.39 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.13) = 23.00 < 24dBm
Chain 1
1. 11dBm + 10log (21.48) = 24.32 > 24dBm
2. 11dBm + 10log (21.20) = 24.26 > 24dBm
3. 11dBm + 10log (21.38) = 24.30 > 24dBm
4. 11dBm + 10log (21.62) = 24.34 > 24dBm
5. 11dBm + 10log (21.36) = 24.29 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.21) = 22.98 < 24dBm
Chain 2
1. 11dBm + 10log (21.39) = 24.30 > 24dBm
2. 11dBm + 10log (21.29) = 24.28 > 24dBm
3. 11dBm + 10log (21.26) = 24.27 > 24dBm
4. 11dBm + 10log (21.42) = 24.30 > 24dBm
5. 11dBm + 10log (21.43) = 24.31 > 24dBm
6. 11dBm + 10log (21.31) = 24.28 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.02) = 23.03 < 24dBm
Chain 3
1. 11dBm + 10log (21.56) = 24.33 > 24dBm
2. 11dBm + 10log (21.68) = 24.36 > 24dBm
3. 11dBm + 10log (21.47) = 24.31 > 24dBm
4. 11dBm + 10log (21.26) = 24.27 > 24dBm
5. 11dBm + 10log (21.25) = 24.27 > 24dBm
6. 11dBm + 10log (21.57) = 24.33 > 24dBm
7. 11dBm + 10log (5725.00 - 5709.19) = 22.98 < 24dBm

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	Chain 2	Chain 3				
54	5270	10.58	10.14	10.39	10.57	44.098	16.44	16.78	Pass
62	5310	10.59	10.32	10.75	10.36	44.969	16.53	16.78	Pass
102	5510	10.22	10.35	10.38	10.32	43.038	16.34	16.78	Pass
110	5550	10.68	10.39	10.78	10.39	45.542	16.58	16.78	Pass
134	5670	10.62	10.27	10.54	10.09	43.709	16.41	16.78	Pass
142	5710 For 5500~5720MHz	10.12	10.51	10.39	10.53	45.982	16.63	16.78	Pass
142	5710 For 5745~5825MHz	-1.44	0.02	0.29	1.59	4.4482	6.48	22.78	Pass
151	5755	16.02	16.12	15.97	16.04	160.636	22.06	22.78	Pass
159	5795	16.50	16.66	16.49	16.32	178.434	22.51	22.78	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5745-5825MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:

Chain 0

1. 11dBm + 10log (42.15) = 27.24 > 24dBm
2. 11dBm + 10log (42.20) = 27.25 > 24dBm
3. 11dBm + 10log (42.28) = 27.26 > 24dBm
4. 11dBm + 10log (42.50) = 27.28 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.03) = 26.55 > 24dBm

Chain 1

1. 11dBm + 10log (42.44) = 27.27 > 24dBm
2. 11dBm + 10log (42.09) = 27.24 > 24dBm
3. 11dBm + 10log (42.22) = 27.25 > 24dBm
4. 11dBm + 10log (42.12) = 27.24 > 24dBm
5. 11dBm + 10log (42.06) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.05) = 26.55 > 24dBm

Chain 2

1. 11dBm + 10log (42.01) = 27.23 > 24dBm
2. 11dBm + 10log (42.08) = 27.24 > 24dBm
3. 11dBm + 10log (42.21) = 27.25 > 24dBm
4. 11dBm + 10log (41.92) = 27.22 > 24dBm
5. 11dBm + 10log (42.21) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5689.09) = 26.55 > 24dBm

Chain 3

1. 11dBm + 10log (42.81) = 27.31 > 24dBm
2. 11dBm + 10log (42.48) = 27.28 > 24dBm
3. 11dBm + 10log (42.42) = 27.27 > 24dBm
4. 11dBm + 10log (42.23) = 27.25 > 24dBm
5. 11dBm + 10log (42.05) = 27.23 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.80) = 26.58 > 24dBm

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	Chain 2	Chain 3				
58	5290	10.54	10.36	10.98	10.37	45.609	16.59	16.78	Pass
106	5530	10.57	11.09	10.78	10.42	47.238	16.74	16.78	Pass
122	5610	10.82	11.13	10.54	10.18	46.797	16.70	16.78	Pass
138	5690 For 5500~5720MHz	10.35	10.51	10.57	10.43	47.407	16.76	16.78	Pass
138	5690 For 5745~5825MHz	-5.26	-4.65	-3.20	-3.42	1.676	2.24	22.78	Pass
155	5775	16.69	16.59	16.89	16.37	184.486	22.66	22.78	Pass

Note:
For 5260-5320MHz & For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.
For 5745-5825MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22 dBi > 6dBi, so the limit shall be reduced to 30-(13.22-6) = 22.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:
Chain 0
1. 11dBm + 10log (82.54) = 30.16 > 24dBm
2. 11dBm + 10log (82.69) = 30.17 > 24dBm
3. 11dBm + 10log (82.97) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.61) = 29.83 > 24dBm
Chain 1
1. 11dBm + 10log (82.64) = 30.17 > 24dBm
2. 11dBm + 10log (82.79) = 30.17 > 24dBm
3. 11dBm + 10log (82.94) = 30.18 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.48) = 29.83 > 24dBm
Chain 2
1. 11dBm + 10log (82.50) = 30.16 > 24dBm
2. 11dBm + 10log (82.74) = 30.17 > 24dBm
3. 11dBm + 10log (83.03) = 30.19 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.18) = 29.85 > 24dBm
Chain 3
1. 11dBm + 10log (83.12) = 30.19 > 24dBm
2. 11dBm + 10log (82.94) = 30.18 > 24dBm
3. 11dBm + 10log (83.22) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.10) = 29.85 > 24dBm

802.11ax (HE80+80)

Outdoor Access Point

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	Above 30 degree side lobe EIRP (dBm)	Above 30 degree side lobe EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58	5210+5290	14.69	14.39	-	-	56.923	17.55	25.79	3.43	20.98	21.00	Pass
		-	-	14.47	14.26	54.658	17.38	19.79	-	-	-	Pass

Note:

1. Main lobe antenna gain =
   For 5180-5240MHz: 10.21dBi > 6dBi, so the limit shall be reduced to 30-(10.21-6) = 25.79dBm.
   For 5260-5320MHz: 10.21dBi > 6dBi, so the limit shall be reduced to 24-(10.21-6) = 19.79dBm.
2. Side lobe antenna gain = 3.43dBi (above 30 degrees from the horizon).
3. Above 30 degree side lobe EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

Indoor Access Point

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58	5210+5290	14.69	14.39	-	-	56.923	17.55	25.79	Pass
		-	-	14.47	14.26	54.658	17.38	19.79	Pass
106+122	5530+5610	13.62	13.49	-	-	45.350	16.57	16.78	Pass
		-	-	13.55	13.32	44.125	16.45	16.78	Pass

Note:

For 5180-5240MHz: Directional gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the limit shall be reduced to 30-(10.21-6) = 25.79dBm.

For 5260-5320MHz: Directional Gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the limit shall be reduced to 24-(10.21-6) = 19.79dBm.

For 5500-5720MHz: Directional Gain = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the limit shall be reduced to 24-(13.22-6) = 16.78dBm.

For 5260~5320MHz, 5500~5720MHz Band:

Chain 0

1. 11dBm + 10log (82.76) = 30.17 > 24dBm

2. 11dBm + 10log (82.72) = 30.17 > 24dBm

Chain 1

1. 11dBm + 10log (82.56) = 30.16 > 24dBm

2. 11dBm + 10log (82.36) = 30.15 > 24dBm

Chain 2

1. 11dBm + 10log (82.57) = 30.16 > 24dBm

2. 11dBm + 10log (82.89) = 30.18 > 24dBm

Chain 3

1. 11dBm + 10log (83.12) = 30.19 > 24dBm

2. 11dBm + 10log (83.07) = 30.19 > 24dBm

Scanning radio (Radio 3)

Power Output:

For 5180 ~ 5240MHz

Outdoor Access Point

802.11a

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
36	5180	42.267	16.26	28.80	-2.59	13.67	21.00	Pass
40	5200	40.365	16.06	28.80	-2.59	13.47	21.00	Pass
48	5240	40.272	16.05	28.80	-2.59	13.46	21.00	Pass

Note:
1. Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
36	5180	41.02	16.13	28.80	-2.59	13.54	21.00	Pass
40	5200	40.179	16.04	28.80	-2.59	13.45	21.00	Pass
48	5240	39.355	15.95	28.80	-2.59	13.36	21.00	Pass

Note:
1. Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
38	5190	36.728	15.65	28.80	-2.59	13.06	21.00	Pass
46	5230	34.198	15.34	28.80	-2.59	12.75	21.00	Pass

Note:
1. Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
42	5210	8.017	9.04	28.80	-2.59	6.45	21.00	Pass

Note:
1. Antenna gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30 - (7.2 - 6) = 28.80dBm.
2. Antenna gain = -2.59dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-2.59dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

Indoor Access Point

802.11a

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	42.267	16.26	28.80	Pass
40	5200	40.365	16.06	28.80	Pass
48	5240	40.272	16.05	28.80	Pass

Note: Antenna Gain 7.2 dBi >6dBi, so the power density limit shall be reduced to 30-(7.2-6)=28.80 dBm

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	41.02	16.13	28.80	Pass
40	5200	40.179	16.04	28.80	Pass
48	5240	39.355	15.95	28.80	Pass

Note: Antenna Gain 7.2 dBi >6dBi, so the power density limit shall be reduced to 30-(7.2-6)=28.80 dBm

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	36.728	15.65	28.80	Pass
46	5230	34.198	15.34	28.80	Pass

Note: Antenna Gain 7.2 dBi >6dBi, so the power density limit shall be reduced to 30-(7.2-6)=28.80 dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	8.017	9.04	28.80	Pass

Note: Antenna Gain 7.2 dBi >6dBi, so the power density limit shall be reduced to 30-(7.2-6)=28.80 dBm

For 5745 ~ 5825MHz

802.11a

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
149	5745	69.024	18.39	28.80	Pass
157	5785	60.117	17.79	28.80	Pass
165	5825	51.05	17.08	28.80	Pass

Note: For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
149	5745	64.714	18.11	28.80	Pass
157	5785	61.376	17.88	28.80	Pass
165	5825	49.204	16.92	28.80	Pass

Note: For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
151	5755	59.841	17.77	28.80	Pass
159	5795	53.088	17.25	28.80	Pass

Note: For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Pass / Fail
155	5775	57.81	17.62	28.80	Pass

Note: For 5745-5825MHz: Max. gain = 7.2dBi > 6dBi, so the power limit shall be reduced to 30-(7.2-6) = 28.80dBm.

26dB Bandwidth:

5G traffic radio (Radio 2)

802.11a

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	19.58	19.69	19.62	19.71
60	5300	19.68	19.63	19.64	19.48
64	5320	19.62	19.85	19.59	19.76
100	5500	19.59	19.74	19.84	19.72
116	5580	19.53	19.72	19.78	19.66
140	5700	19.42	19.50	19.38	19.23
144	5720 For 5500-5720MHz	15.06	14.92	15.05	15.04

802.11ax (HE20)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.65	21.48	21.39	21.56
60	5300	21.42	21.20	21.29	21.68
64	5320	21.31	21.38	21.26	21.47
100	5500	21.39	21.62	21.42	21.26
116	5580	21.50	21.36	21.43	21.25
140	5700	21.87	21.31	21.31	21.57
144	5720 For 5500-5720MHz	15.87	15.79	15.98	15.81

802.11ax (HE40)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	42.15	42.44	42.01	42.81
62	5310	42.20	42.09	42.08	42.48
102	5510	42.28	42.22	42.21	42.42
110	5550	42.50	42.12	41.92	42.23
134	5670	42.17	42.06	42.21	42.05
142	5710 For 5500-5720MHz	35.97	35.95	35.91	36.20

802.11ax (HE80)

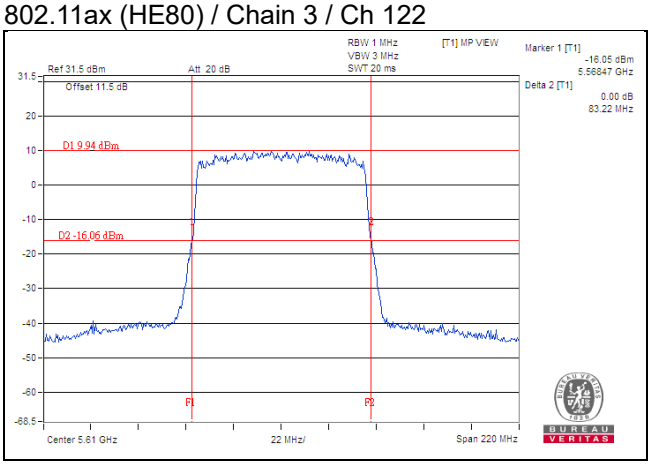
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	82.54	82.64	82.50	83.12
106	5530	82.69	82.79	82.74	82.94
122	5610	82.97	82.94	83.03	83.22
138	5690 For 5500-5720MHz	76.39	76.52	76.82	76.90

802.11ax (HE80+80)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	82.76	82.56	-	-
58	5290	-	-	82.57	83.12
106	5530	82.72	82.36	-	-
122	5610	-	-	82.89	83.07

*此測試圖僅放測試結果最差的頻道。

802.11ax (HE80) / Chain 3 / Ch 122



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:

Duty cycle of test signal is < 98%

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/300kHz)

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	109 年 08 月 23 日~ 110 年 03 月 11 日
量測場地溫度	22℃	量測場地濕度	60%RH
測試者	曾健瑋		

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	Chain 2	Chain 3				
36	5180	3.26	3.31	3.39	3.25	0.30	9.62	9.78	Pass
40	5200	3.18	3.47	3.28	3.45	0.30	9.66	9.78	Pass
48	5240	3.22	3.32	3.48	3.34	0.30	9.66	9.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 17 - (13.22 - 6) = 9.78dBm.
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	Chain 2	Chain 3				
36	5180	2.61	3.47	3.42	3.21	0.19	9.40	9.78	Pass
40	5200	2.92	3.28	2.84	3.33	0.19	9.31	9.78	Pass
48	5240	3.10	3.00	3.25	3.19	0.19	9.34	9.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 17 - (13.22 - 6) = 9.78dBm.
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	Chain 2	Chain 3				
38	5190	-3.13	-2.54	-2.95	-3.63	0.81	3.79	9.78	Pass
46	5230	2.73	3.39	1.90	2.19	0.81	9.42	9.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 17 - (13.22 - 6) = 9.78dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

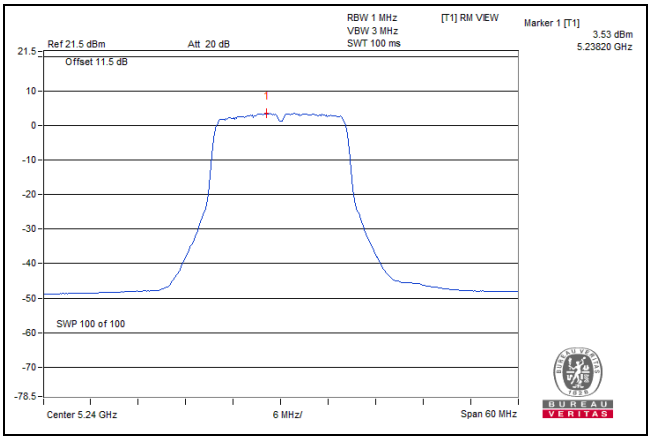
802.11ax (HE80)

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	Chain 2	Chain 3				
42	5210	-4.59	-4.67	-4.07	-4.11	0.30	1.97	9.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 17 - (13.22 - 6) = 9.78dBm.
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 2 / CH 48



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	Chain 2	Chain 3				
52	5260	-2.72	-3.03	-2.80	-2.81	0.43	3.61	3.78	Pass
60	5300	-2.89	-2.80	-2.86	-2.57	0.43	3.67	3.78	Pass
64	5320	-2.77	-2.79	-2.77	-3.04	0.43	3.61	3.78	Pass
100	5500	-2.89	-2.82	-2.69	-2.97	0.43	3.61	3.78	Pass
116	5580	-3.45	-2.92	-3.09	-2.83	0.43	3.38	3.78	Pass
140	5700	-3.46	-2.89	-2.76	-2.37	0.43	3.59	3.78	Pass
144	5720 For U-NII-2C	-2.63	-2.61	-2.90	-2.81	0.43	3.71	3.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.22 - 6) = 3.78dBm.
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	Chain 2	Chain 3				
52	5260	-4.52	-3.21	-3.48	-1.78	0.20	3.08	3.78	Pass
60	5300	-4.42	-3.53	-2.65	-1.47	0.20	3.34	3.78	Pass
64	5320	-3.44	-2.71	-3.83	-2.83	0.20	3.04	3.78	Pass
100	5500	-3.38	-3.18	-3.33	-2.24	0.20	3.21	3.78	Pass
116	5580	-3.42	-3.02	-2.55	-1.71	0.20	3.59	3.78	Pass
140	5700	-4.26	-2.57	-3.34	-2.46	0.20	3.12	3.78	Pass
144	5720 For U-NII-2C	-3.78	-2.74	-2.51	-3.88	0.20	3.03	3.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.22 - 6) = 3.78dBm.
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	Chain 2	Chain 3				
54	5270	-2.17	-3.57	-3.19	-3.31	0.19	3.19	3.78	Pass
62	5310	-2.02	-3.23	-4.31	-3.42	0.19	3.05	3.78	Pass
102	5510	-1.84	-3.42	-3.38	-2.59	0.19	3.45	3.78	Pass
110	5550	-1.70	-3.01	-2.60	-3.97	0.19	3.47	3.78	Pass
134	5670	-0.84	-2.64	-5.71	-3.04	0.19	3.48	3.78	Pass
142	5710 For U-NII-2C	-2.95	-3.32	-3.05	-2.77	0.19	3.19	3.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.22 - 6) = 3.78dBm.
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	Chain 2	Chain 3				
58	5290	-5.34	-4.80	-4.54	-5.17	0.26	1.33	3.78	Pass
106	5530	-5.05	-3.57	-2.55	-3.76	0.26	2.64	3.78	Pass
122	5610	-3.46	-3.34	-3.08	-2.79	0.26	3.12	3.78	Pass
138	5690 For U-NII-2C	-4.14	-3.59	-2.90	-3.23	0.26	2.84	3.78	Pass

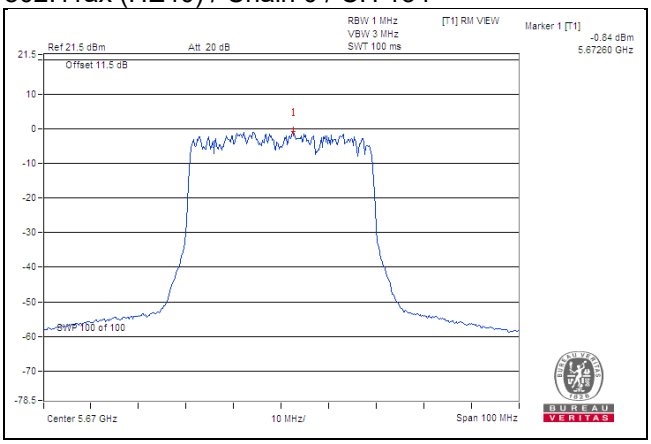
Note:
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional Gain = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 11 - (13.22 - 6) = 3.78dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80+80)

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	Chain 2	Chain 3				
42	5210	-6.78	-6.48	-	-	0.26	-3.36	12.79	Pass
58	5290	-	-	-6.51	-6.38	0.26	-3.17	6.79	Pass
106	5530	-4.18	-3.34	-	-	0.26	-0.47	3.78	Pass
122	5610	-	-	-4.02	-3.98	0.26	-0.73	3.78	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. For U-NII-1: Directional Gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the power density limit shall be reduced to 17 - (10.21 - 6) = 12.79dBm.
   For U-NII-2A: Directional Gain = 7.2 dBi + 10log(2) = 10.21dBi > 6dBi, so the power density limit shall be reduced to 11 - (10.21 - 6) = 6.79dBm.
   For U-NII-2C: Directional Gain = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the limit shall be reduced to 11-(13.22-6) = 3.78dBm.
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。
802.11ax (HE40) / Chain 0 / CH 134



For 5745~5825MHz

802.11a

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	144	5720 (For U-NII-3)	-12.24	-10.02	6.02	0.43	-3.57	22.78	Pass
	149	5745	-0.75	1.47	6.02	0.3	7.79	22.78	Pass
	157	5785	-0.62	1.60	6.02	0.3	7.92	22.78	Pass
	165	5825	-0.76	1.46	6.02	0.3	7.78	22.78	Pass
1	144	5720 (For U-NII-3)	-12.17	-9.95	6.02	0.43	-3.50	22.78	Pass
	149	5745	0.43	2.65	6.02	0.3	8.97	22.78	Pass
	157	5785	0.35	2.57	6.02	0.3	8.89	22.78	Pass
	165	5825	0.48	2.70	6.02	0.3	9.02	22.78	Pass
2	144	5720 (For U-NII-3)	-12.44	-10.22	6.02	0.43	-3.77	22.78	Pass
	149	5745	0.74	2.96	6.02	0.3	9.28	22.78	Pass
	157	5785	0.21	2.43	6.02	0.3	8.75	22.78	Pass
	165	5825	0.32	2.54	6.02	0.3	8.86	22.78	Pass
3	144	5720 (For U-NII-3)	-12.36	-10.14	6.02	0.43	-3.69	22.78	Pass
	149	5745	-0.21	2.01	6.02	0.3	8.33	22.78	Pass
	157	5785	-0.08	2.14	6.02	0.3	8.46	22.78	Pass
	165	5825	-0.22	2.00	6.02	0.3	8.32	22.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
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=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	144	5720 (For U-NII-3)	-12.97	-10.75	6.02	0.20	-4.53	22.78	Pass
	149	5745	-2.16	0.06	6.02	0.19	6.27	22.78	Pass
	157	5785	-2.01	0.21	6.02	0.19	6.42	22.78	Pass
	165	5825	-1.92	0.3	6.02	0.19	6.51	22.78	Pass
1	144	5720 (For U-NII-3)	-12.92	-10.70	6.02	0.20	-4.48	22.78	Pass
	149	5745	-0.74	1.48	6.02	0.19	7.69	22.78	Pass
	157	5785	-0.83	1.39	6.02	0.19	7.6	22.78	Pass
	165	5825	-0.86	1.36	6.02	0.19	7.57	22.78	Pass
2	144	5720 (For U-NII-3)	-12.32	-10.10	6.02	0.20	-3.88	22.78	Pass
	149	5745	-1.56	0.66	6.02	0.19	6.87	22.78	Pass
	157	5785	-1.61	0.61	6.02	0.19	6.82	22.78	Pass
	165	5825	-1.68	0.54	6.02	0.19	6.75	22.78	Pass
3	144	5720 (For U-NII-3)	-11.57	-9.35	6.02	0.20	-3.13	22.78	Pass
	149	5745	-1.54	0.68	6.02	0.19	6.89	22.78	Pass
	157	5785	-1.35	0.87	6.02	0.19	7.08	22.78	Pass
	165	5825	-1.42	0.8	6.02	0.19	7.01	22.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
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=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	142	5710 (For U-NII-3)	-11.84	-9.62	6.02	0.19	-3.41	22.78	Pass
	151	5755	-4.06	-1.84	6.02	0.81	4.99	22.78	Pass
	159	5795	-3.87	-1.65	6.02	0.81	5.18	22.78	Pass
1	142	5710 (For U-NII-3)	-13.53	-11.31	6.02	0.19	-5.10	22.78	Pass
	151	5755	-2.76	-0.54	6.02	0.81	6.29	22.78	Pass
	159	5795	-3.21	-0.99	6.02	0.81	5.84	22.78	Pass
2	142	5710 (For U-NII-3)	-13.06	-10.84	6.02	0.19	-4.63	22.78	Pass
	151	5755	-3.78	-1.56	6.02	0.81	5.27	22.78	Pass
	159	5795	-3.52	-1.3	6.02	0.81	5.53	22.78	Pass
3	142	5710 (For U-NII-3)	-13.05	-10.83	6.02	0.19	-4.62	22.78	Pass
	151	5755	-3.38	-1.16	6.02	0.81	5.67	22.78	Pass
	159	5795	-4.11	-1.89	6.02	0.81	4.94	22.78	Pass

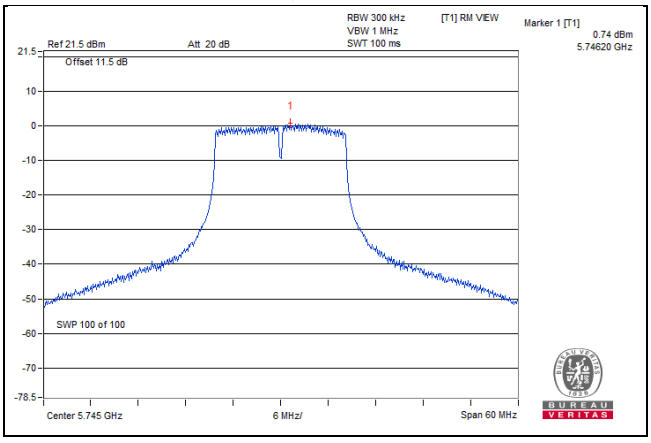
Note:
1. Method E) 2) c) of power density measurement of KDB 662911 is using for calculating total power density, Measure and add 10 log (N_{ANT}) dB.
2. Directional gain = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=4) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	138	5690 (For U-NII-3)	-14.32	-12.1	6.02	0.26	-5.82	22.78	Pass
	155	5775	-10.06	-7.84	6.02	0.3	-1.52	22.78	Pass
1	138	5690 (For U-NII-3)	-14.88	-12.66	6.02	0.26	-6.38	22.78	Pass
	155	5775	-9.6	-7.38	6.02	0.3	-1.06	22.78	Pass
2	138	5690 (For U-NII-3)	-15.06	-12.84	6.02	0.26	-6.56	22.78	Pass
	155	5775	-9.47	-7.25	6.02	0.3	-0.93	22.78	Pass
3	138	5690 (For U-NII-3)	-14.28	-12.06	6.02	0.26	-5.78	22.78	Pass
	155	5775	-10.11	-7.89	6.02	0.3	-1.57	22.78	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 = 7.2 dBi + 10log(4) = 13.22dBi > 6dBi, so the power density limit shall be reduced to 30 - (13.22 - 6) = 22.78dBm.
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)	PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
36	5180	2.94	0.33	3.27	15.80	Pass
40	5200	2.74	0.33	3.07	15.80	Pass
48	5240	2.44	0.33	2.76	15.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 17-(7.2-6) = 15.8 dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
36	5180	2.57	0.19	2.76	15.80	Pass
40	5200	2.38	0.19	2.56	15.80	Pass
48	5240	2.11	0.19	2.30	15.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 17-(7.2-6) = 15.8 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
38	5190	-0.72	0.42	-0.30	15.80	Pass
46	5230	-1.54	0.42	-1.12	15.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 17-(7.2-6) = 15.8 dBm.

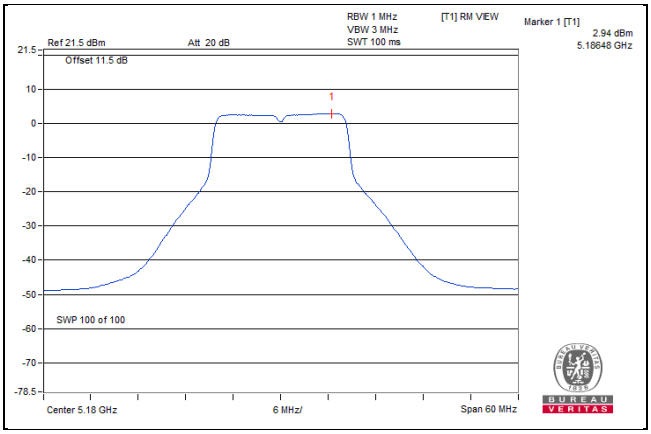
802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
42	5210	-10.56	1.00	-9.56	15.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 17-(7.2-6) = 15.8 dBm.

*此測試圖僅放測試結果最差的頻道。

802.11a / CH 36



For 5745~5825MHz

802.11a

Chan.	Freq. (MHz)	PSD (dBm/300k Hz)	PSD (dBm/500k Hz)	Duty factor (dB)	Total PSD (dBm/500k Hz)	Limit (dBm/500k Hz)	Pass / Fail
149	5745	-3.80	-1.58	0.33	-1.25	28.80	Pass
157	5785	-4.49	-2.27	0.33	-1.94	28.80	Pass
165	5825	-5.22	-3	0.33	-2.67	28.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.2-6) = 28.80 dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	PSD (dBm/300k Hz)	PSD (dBm/500k Hz)	Duty factor (dB)	Total PSD (dBm/500k Hz)	Limit (dBm/500k Hz)	Pass / Fail
149	5745	-4.24	-2.02	0.19	-1.83	28.80	Pass
157	5785	-4.8	-2.58	0.19	-2.39	28.80	Pass
165	5825	-6.42	-4.2	0.19	-4.01	28.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.2-6) = 28.80 dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	PSD (dBm/300k Hz)	PSD (dBm/500k Hz)	Duty factor (dB)	Total PSD (dBm/500k Hz)	Limit (dBm/500k Hz)	Pass / Fail
151	5755	-7.79	-5.57	0.42	-5.15	28.80	Pass
159	5795	-8.53	-6.31	0.42	-5.89	28.80	Pass

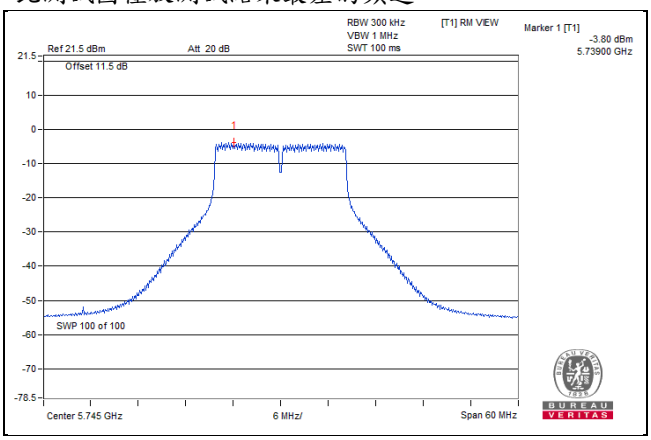
Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.2-6) = 28.80 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD (dBm/300k Hz)	PSD (dBm/500k Hz)	Duty factor (dB)	Total PSD (dBm/500k Hz)	Limit (dBm/500k Hz)	Pass / Fail
155	5775	-11.02	-8.8	1.00	-7.8	28.80	Pass

Note:
1. Refer to section 2.1 for duty cycle spectrum plot.
2. Antenna Gain 7.2 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.2-6) = 28.80 dBm.

*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	109 年 08 月 23 日~ 110 年 03 月 11 日
量測場地溫度	22℃	量測場地濕度	60%RH
測試者	曾健瑋		

5G traffic radio (Radio 2)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (For U-NII-3)	5720	2.90	2.85	2.86	2.76	0.5	Pass
149	5745	16.36	16.33	16.08	16.34	0.5	Pass
157	5785	16.37	16.36	16.37	16.34	0.5	Pass
165	5825	16.37	16.32	16.38	16.03	0.5	Pass

For CH144 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (For U-NII-3)	5720	4.36	4.14	4.13	4.23	0.5	Pass
149	5745	18.92	19.01	18.86	19.01	0.5	Pass
157	5785	18.99	19.02	18.87	18.79	0.5	Pass
165	5825	18.91	18.60	18.88	19.01	0.5	Pass

For CH144 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
142 (For U-NII-3)	5710	4.01	3.98	4.00	3.92	0.5	Pass
151	5755	38.12	37.52	37.72	37.87	0.5	Pass
159	5795	37.99	37.89	37.61	37.06	0.5	Pass

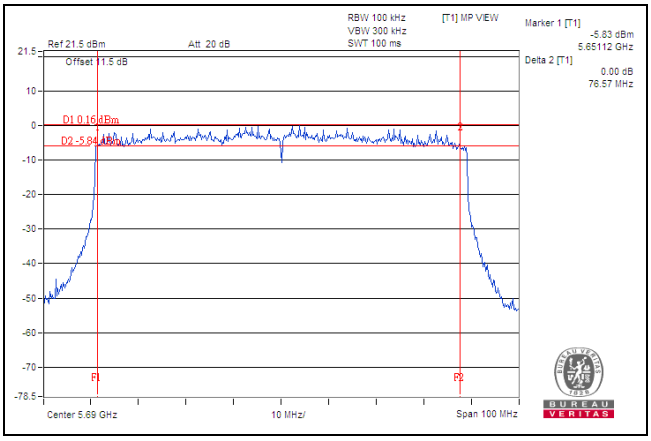
For CH142 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
138 (For U-NII-3)	5690	2.73	2.86	3.69	2.69	0.5	Pass
155	5775	77.95	76.49	76.29	77.49	0.5	Pass

For CH138 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

*此測試圖僅放測試結果最小的頻道。



Scanning radio (Radio 3)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	16.37	0.5	Pass
157	5785	16.42	0.5	Pass
165	5825	16.37	0.5	Pass

802.11n (HT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	17.62	0.5	Pass
157	5785	17.62	0.5	Pass
165	5825	17.22	0.5	Pass

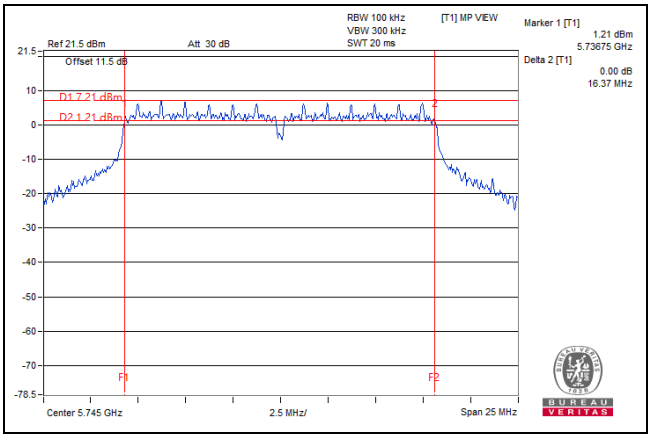
802.11n (HT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
151	5755	36.40	0.5	Pass
159	5795	36.17	0.5	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
155	5775	73.48	0.5	Pass

*此測試圖僅放測試結果最小的頻道。



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

電波暴露量之評估
☐ 發射功率(含 Conducted Power 或 EIRP Power) <20mW，不需進行電波暴露量之評估
☒ 發射功率(含 Conducted Power 或 EIRP Power) >20mW，需進行電波暴露量之評估

Radio	Frequency Band (MHz)	Max AV Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
2G traffic radio (Radio 1)	CDD Mode					
	2412-2462	29.12	11.52	48	0.400	1
	Beamforming Mode					
	2412-2462	24.41	11.52	48	0.135	1
5GHz traffic radio (Radio 2)	CDD Mode					
	5180-5240	26.74	13.22	48	0.342	1
	5260-5320	20.68	13.22	48	0.085	1
	5500-5720	22.54	13.22	48	0.130	1
	5745-5825	28.78	13.22	48	0.547	1
	Beamforming Mode					
	5180-5240	22.71	13.22	48	0.135	1
	5260-5320	17.38	13.22	48	0.040	1
	5500-5720	16.76	13.22	48	0.034	1
	5745-5825	22.72	13.22	48	0.136	1
2G+5G Scanning radio (Radio 3)	2412-2462	18.74	5.5	48	0.009	1
	5180-5240	16.26	7.2	48	0.008	1
	5745-5825	18.39	7.2	48	0.013	1
BT LE	2402-2480	9.39	4.5	48	0.001	1
Zigbee	2405-2480	9.31	4.5	48	0.001	1

Note:
1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. 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.

Radio 1:

2.4GHz: Directional gain = 5.5 dBi + 10log(4) = 11.52 dBi

Radio 2:

5GHz: Directional gain = 7.2 dBi + 10log(4) = 13.22 dBi

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

1. 2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + BLE = 0.400 / 1 + 0.547 / 1 + 0.013 / 1 + 0.001 / 1 = 0.961
2. 2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + Zigbee = 0.400 / 1 + 0.547 / 1 + 0.013 / 1 + 0.001 / 1 = 0.970
3. 5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + BLE = 0.547 / 1 + 0.009 / 1 + 0.001 / 1 = 0.557
4. 5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + Zigbee = 0.547 / 1 + 0.009 / 1 + 0.001 / 1 = 0.557

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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