

低功率射頻電機技術規範測試報告

報告編號:

RT190108E06C

申請者

網件有限公司

產品名稱

無線路由器

型號

RAX200

製造廠商

Netgear, Inc.

商標或廠牌

NETGEAR

該產品樣品試驗

國家通訊傳播委員會低功率射頻電機技術規範

依據之試驗標準

107 年 1 月修訂

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 新竹實驗室

日期 108 年 09 月 19 日

報告簽署人簽章:

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報告發行紀錄

Issue No.	Description	Date Issued
RT190108E06C	Original release.	108 年 09 月 19 日

證 明 書

產 品 名 稱：無線路由器
商 標：NETGEAR
型 號：RAX200
申 請 者：網件有限公司
量 測 規 範：低功率射頻電機技術規範 LP0002
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：RAX200)，收件日期 108 年 01 月 08 日，於 108 年 03 月 07 日至 09 月 12 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“低功率射頻電機技術規範”、“低功率電波輻射性電機管理辦法”及“電信管制射頻器材審驗辦法”製作測試結果報告。

特 此 證 明 ！

報告製作者： 吳 茲 臻 ， 日 期： 108 年 09 月 19 日
吳 茲 臻 / 專員

審 核 者： 陳 瓊 美 ， 日 期： 108 年 09 月 19 日
陳 瓊 美 / 經理

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：300 新竹市科學工業園區力行一路 1 號 E-2

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 低功率射頻電機量測記錄表

申請廠商：網件有限公司

製造廠商：Netgear, Inc.

申請廠商地址：台北市內湖區基湖路3巷9號3樓

廠牌：NETGEAR

產品名稱：無線路由器

型號：RAX200

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 新竹實驗室

量測單位地址：300 新竹市科學工業園區力行一路1號E-2

量測單位認可編號：TAF 2022

量測規範：低功率射頻電機技術規範 LP0002
ANSI C63.10-2013
KDB 558074
KDB 662911
KDB 789033

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	低功率射頻電機技術規範 3.10.1.5 節	合格
2	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	合格
3	6 dB 頻寬	低功率射頻電機技術規範 3.10.1.6 節	合格
4	峰值傳導輸出功率	低功率射頻電機技術規範 3.10.1.2 節	合格
5	功率頻譜密度	低功率射頻電機技術規範 3.10.1.6 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	低功率射頻電機技術規範2.3節	合格
2	帶外發射	低功率射頻電機技術規範4.7.4節	合格
3	最大傳導輸出功率	低功率射頻電機技術規範4.7.3.1節	合格
4	最大功率頻譜密度	低功率射頻電機技術規範4.7.3.1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	低功率射頻電機技術規範2.3節	合格
2	帶外發射	低功率射頻電機技術規範4.7.4節	合格
3	最大傳導輸出功率	低功率射頻電機技術規範4.7.3.2節	合格
4	最大功率頻譜密度	低功率射頻電機技術規範4.7.3.2節	合格
5	發射功率控制(TPC)及動態頻率選擇(DFS)	低功率射頻電機技術規範4.7.7.1及4.7.7.2 節	註一

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	低功率射頻電機技術規範2.3節	合格
2	帶外發射	低功率射頻電機技術規範4.7.4節	合格
3	最大傳導輸出功率	低功率射頻電機技術規範4.7.3.2節	合格
4	最大功率頻譜密度	低功率射頻電機技術規範4.7.3.2節	合格
5	發射功率控制(TPC)及動態頻率選擇(DFS)	低功率射頻電機技術規範4.7.7.1及4.7.7.2 節	註一

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	低功率射頻電機技術規範2.3節	合格
2	帶外發射	低功率射頻電機技術規範4.7.4節	合格
3	最大傳導輸出功率	低功率射頻電機技術規範4.7.3.3節	合格
4	最大功率頻譜密度	低功率射頻電機技術規範4.7.3.3節	合格
5	6dB 頻寬	低功率射頻電機技術規範4.7.5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	低功率射頻電機技術規範第 5.20.2 節	合格

備註：量測結果之判定不考慮量測不確定度的貢獻

註一：此份測試報告未包含發射功率控制(TPC)及動態頻率選擇(DFS)量測項目，請參閱 DFS 報告

2 一般敘述

2.1 待測設備

產品名稱：	無線路由器
型號：	RAX200
額定電源：	19Vdc from power adapter
調變方式：	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax HE mode
調變技術：	DSSS, OFDM, OFDMA
傳輸速率：	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 600Mbps 802.11ac: up to 3466.7Mbps 802.11ax: up to 4803.9Mbps
載波頻率：	2.4GHz: 2.412 ~ 2.462GHz 5GHz: 5.18~ 5.24GHz, 5.26 ~ 5.32GHz, 5.5 ~ 5.72GHz, 5.745 ~ 5.825GHz
頻道數：	2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11ax (HE20): 11 802.11n (HT40), 802.11ax (HE40): 7 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6 802.11ac (VHT160), 802.11ax (HE160): 2
發射功率：	Non-Beamforming Mode: 2.4GHz: 29.84 dBm 5.18 ~ 5.24GHz: 29.82 dBm 5.26 ~ 5.32GHz: 23.87 dBm 5.5 ~ 5.72GHz: 23.94 dBm 5.745 ~ 5.825GHz: 29.99 dBm Beamforming Mode: 2.4GHz: 28.84 dBm 5.18 ~ 5.24GHz: 28.80 dBm 5.26 ~ 5.32GHz: 22.59 dBm 5.5 ~ 5.72GHz: 22.37 dBm 5.745 ~ 5.825GHz: 28.43 dBm
天線種類：	見註
電源線類別：	NA
信號線類別：	RJ45 cable x 1 (Unshielded, 1.8m)
配件：	Adapter x 1

註：

1. 同時發射條件如下：

Condition	Technology		
1	WLAN (2.4GHz)	WLAN 5GHz (low band)	WLAN 5GHz (high band)

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

2. 此待測設備之額定電源來自一電源供應器，詳列如下：

Brand	Model No.	P/N	Spec.
NETGEAR	AD2003F10	332-11480-01	Input: 100-120Vac, 1.5A, 50/60Hz Output: 19V, 3.16A DC Output cable: Unshielded, 1.8m

3. 此待測設備搭配測試的天線，其資料如下：

Frequency Range (GHz)	Directional Antenna Gain (dBi)	Antenna Type	Antenna Connector
2.4~2.4835	7.01	Dipole	i-pex(MHF)
5.15~5.25	7.15		
5.25~5.35	7.37		
5.47~5.725	7.62		
5.725~5.85	7.53		

Note: More detailed information, please refer to Antenna Specification.

Frequency Range (GHz)	Antenna Net Gain (dBi)	Antenna Type	Connector Type
5.15~5.85	2 (RX only)	PCB	i-pex(MHF)

4. 此待測物之技術的種類為 4TX / 4RX 之組合。

2.4GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11b	4TX	4RX
802.11g	4TX	4RX
802.11n (HT20)	4TX	4RX
802.11n (HT40)	4TX	4RX
802.11ax (HE20)	4TX	4RX
802.11ax (HE40)	4TX	4RX
5GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11a	4TX	4RX
802.11n (HT20)	4TX	4RX
802.11n (HT40)	4TX	4RX
802.11ac (VHT20)	4TX	4RX
802.11ac (VHT40)	4TX	4RX
802.11ac (VHT80)	4TX	4RX
802.11ac (VHT160)	4TX	4RX
802.11ax (HE20)	4TX	4RX
802.11ax (HE40)	4TX	4RX
802.11ax (HE80)	4TX	4RX
802.11ax (HE160)	4TX	4RX
Receiver Mode	-	1RX

Note:

1. All of modulation mode support beamforming function except 802.11a/b/g modulation mode.
2. The EUT support Beamforming and non-beamforming mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), 802.11ac mode for 20MHz (40MHz, 80MHz, 160MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz, 160MHz), therefore investigated worst case to representative mode in test report.

5. 此報告中，場強輻射量測經過評估後以下列測試模式進行最終量測。

2.4GHz		
量測項目	發射	接收
1GHz 以上量測	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	Ch 6
其它不必要之訊號	802.11ax (HE20) Ch 6	Ch 6
5GHz		
量測項目	發射	接收
1GHz 以上量測	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 (HE160): Ch 50, 114	Ch 48, Ch 165
其它不必要之訊號	802.11ax (HE40): Ch 46 802.11a: Ch 165	Ch 48, Ch 165
5GHz (for RX only antenna)		
量測項目	接收	
1GHz 以上量測	Ch 165	

*電源線傳導干擾量測經過評估後，2.4GHz以802.11ax (HE20) Ch 6測試模式進行最終量測，5GHz以802.11ax (HE40): Ch 46, 802.11a: Ch 165測試模式進行最終量測。

6. 此待測設備之天線於場強輻射量測經評估兩個正交軸方位評估測試擺設方式：平躺、直立，其中以平躺擁有最大干擾值，故以上述擺放方式進行最終量測，並將測試結果紀錄。

7. Duty cycle of test signal.

If duty cycle of test signal is $\geq 98\%$, duty factor is not required.

If duty cycle of test signal is $< 98\%$, duty factor shall be considered.

802.11b: Duty cycle = $12.45/12.5 = 0.996$

802.11g: Duty cycle = $2.062/2.095 = 0.984$

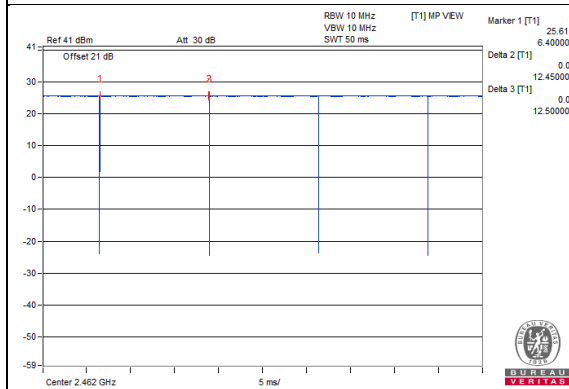
802.11n (HT20): Duty cycle = $1.919/1.939 = 0.99$

802.11n (HT40): Duty cycle = $0.941/0.965 = 0.975$, Duty factor = $10 * \log(1/0.975) = 0.11$

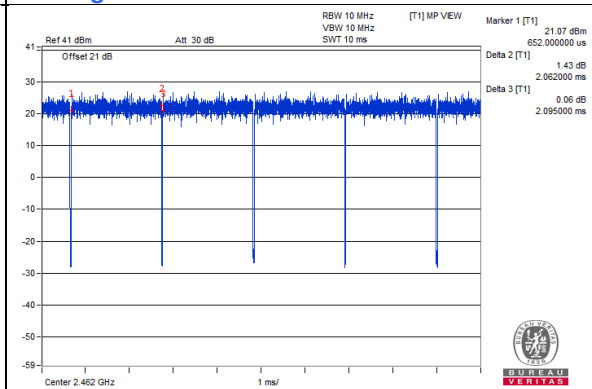
802.11ax (HE20): Duty cycle = $0.202/0.224 = 0.902$, Duty factor = $10 * \log(1/0.902) = 0.45$

802.11ax (HE40): Duty cycle = $0.77/0.805 = 0.957$, Duty factor = $10 * \log(1/0.957) = 0.19$

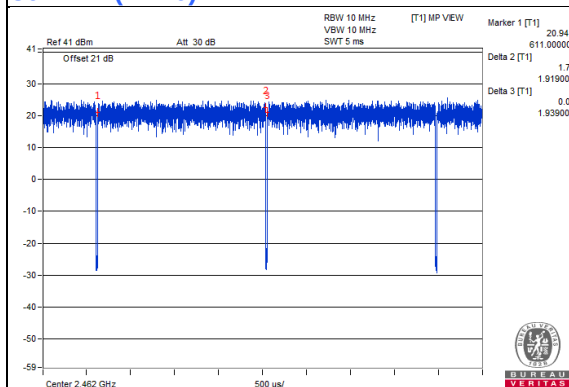
802.11b



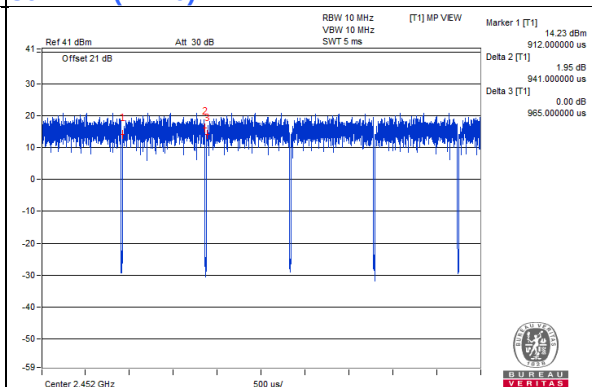
802.11g



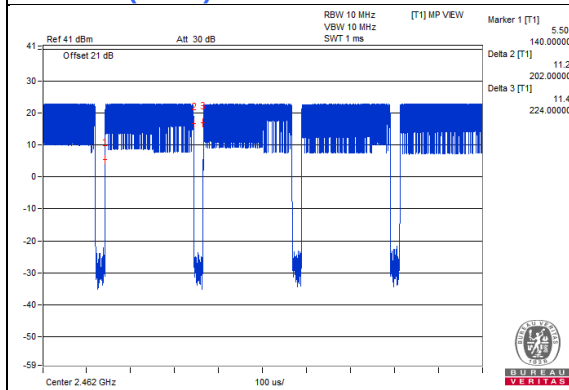
802.11n (HT20)



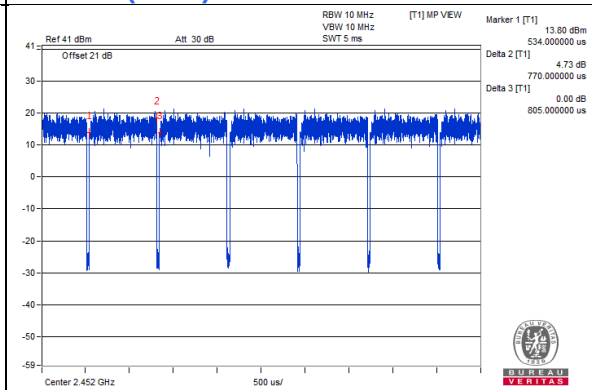
802.11n (HT40)



802.11ax (HE20)



802.11ax (HE40)



5GHz 频段

If duty cycle of test signal is $\geq 98\%$, duty factor is not required.
If duty cycle of test signal is $< 98\%$, duty factor shall be considered.

802.11a: Duty cycle = 2.062 ms/2.093 ms = 0.985

802.11ac (VHT20): Duty cycle = 1.926 ms/1.957 ms = 0.984

802.11ac (VHT40): Duty cycle = 0.951 ms/0.981 ms = 0.969, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.13$

802.11ac (VHT80): Duty cycle = 0.459 ms/0.489 ms = 0.939, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.27$

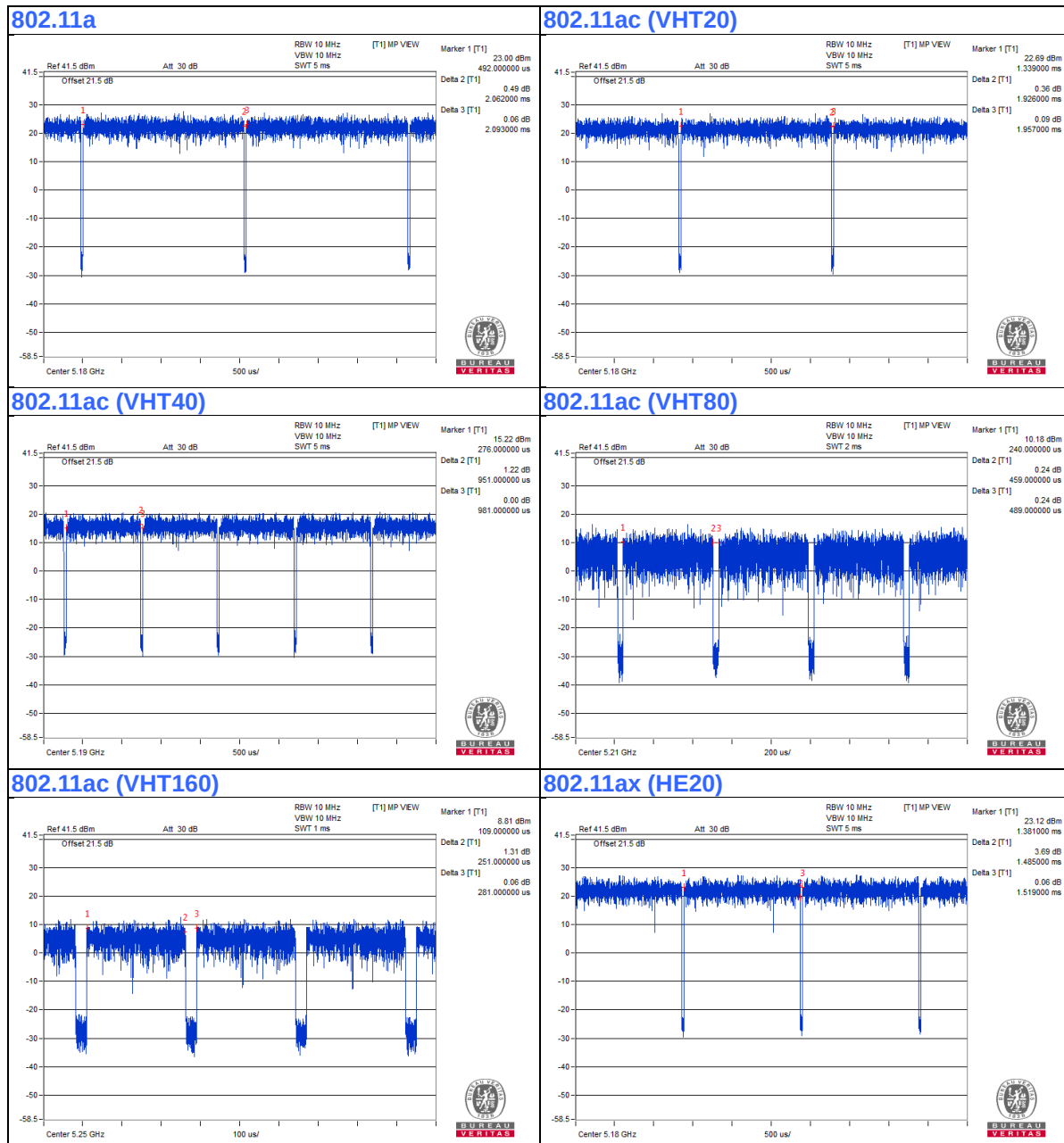
802.11ac (VHT160): Duty cycle = 0.251 ms/0.281 ms = 0.893, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.49$

802.11ax (HE20): Duty cycle = 1.485 ms/1.519 ms = 0.978, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.10$

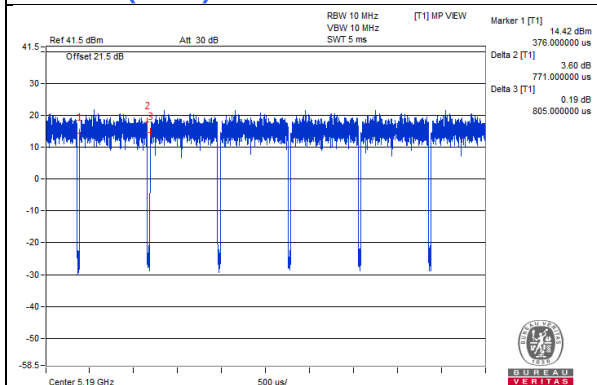
802.11ax (HE40): Duty cycle = 0.771 ms/0.805 ms = 0.958, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.19$

802.11ax (HE80): Duty cycle = 0.4 ms/0.432 ms = 0.926, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.33$

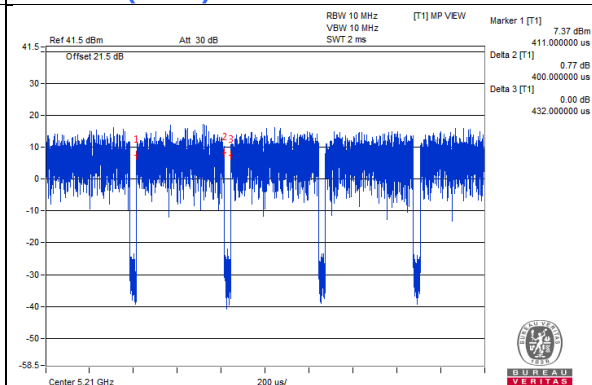
802.11ax (HE160): Duty cycle = 0.232 ms/0.262 ms = 0.885, Duty factor = $10 * \log(1/\text{Duty cycle}) = 0.53$



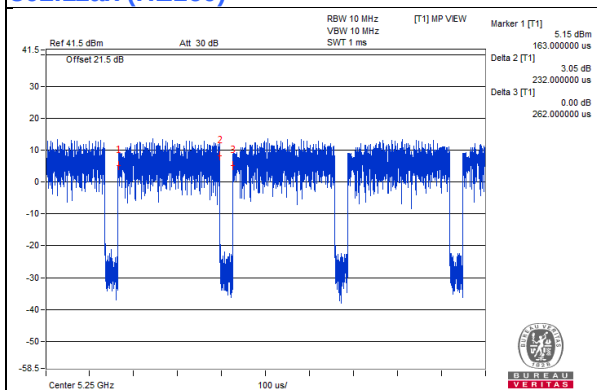
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE160)



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), 802.11ax (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), 802.11ax (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	116	5580
40	5200	120	5600
44	5220	124	5620
48	5240	128	5640
52	5260	132	5660
56	5280	136	5680
60	5300	140	5700
64	5320	144	5720
100	5500	149	5745
104	5520	153	5765
108	5540	157	5785
112	5560	161	5805
		165	5825

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	118	5590
46	5230	126	5630
54	5270	134	5670
62	5310	142	5710
102	5510	151	5755
110	5550	159	5795

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

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
42	521	122	5610
58	5290	138	5690
106	5530	155	5775

802.11ac (VHT160), 802.11ax (HE160):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
50	5250	114	5570

詳細之規格請參考使用說明書，產品的照片請參照 BV 編號:190902E01-1。

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。

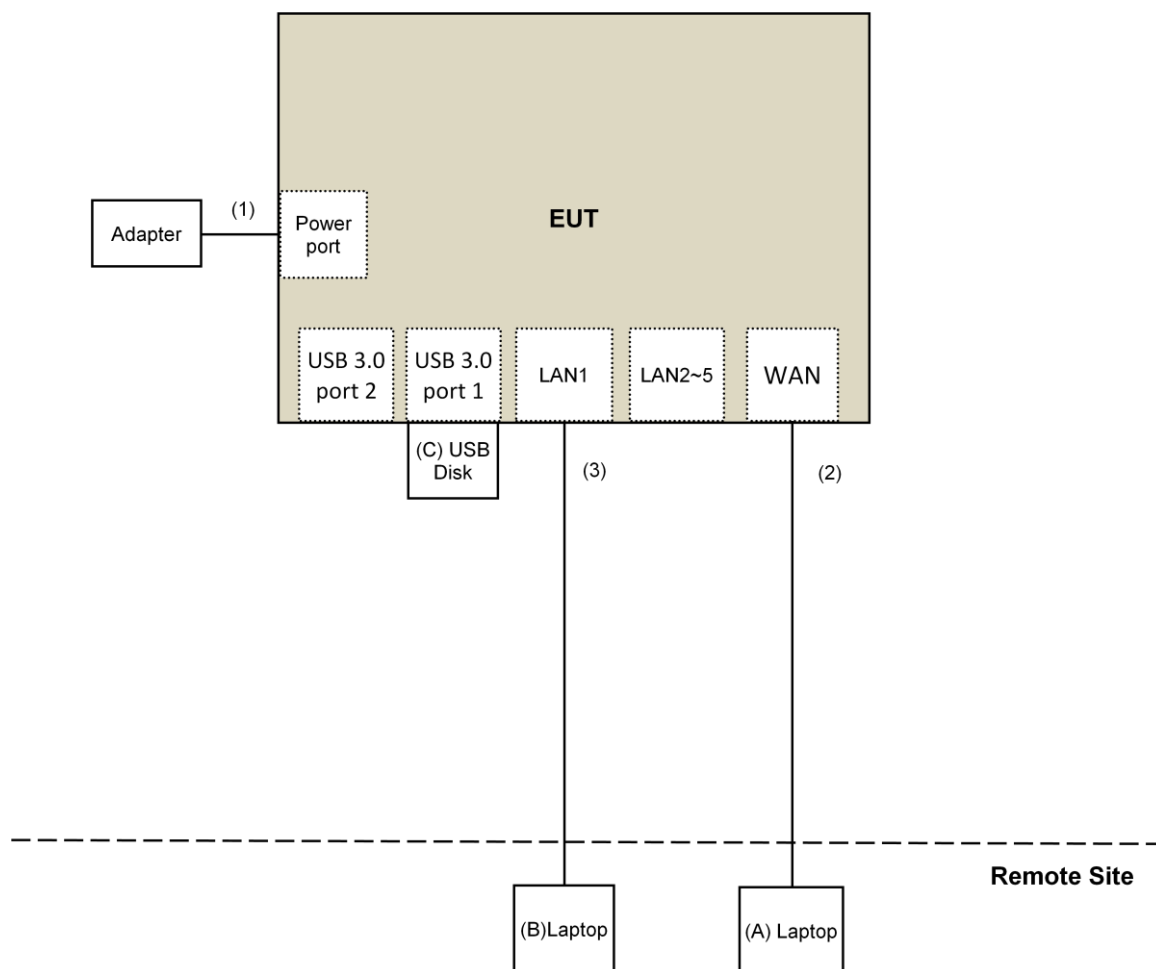
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B.	Laptop	HP	Pavilion 14-ab023TU	5CD5340WXZ	NA	Provided by Lab
C.	USB Disk	SanDisk	BM181225896Z	NA	NA	Provided by Lab

Note:

1. All power cords of the above support units are non-shielded (1.8m).

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.8	No	0	Supplied by client
2.	RJ-45 Cable	1	10	No	0	Provided by Lab
3.	RJ-45 Cable	1	10	No	0	Provided by Lab

2.3 測試架構圖



3 適用規範

3.1 規範要求

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻電機技術規範之 2.3 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電機技術規範 3.10.1.5 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 3.10.1.2(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電機技術規範 4.7.4.1 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電機技術規範 4.7.4.2 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 3.10.1.5 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 3.10.1.5 帶外發射限制規定。

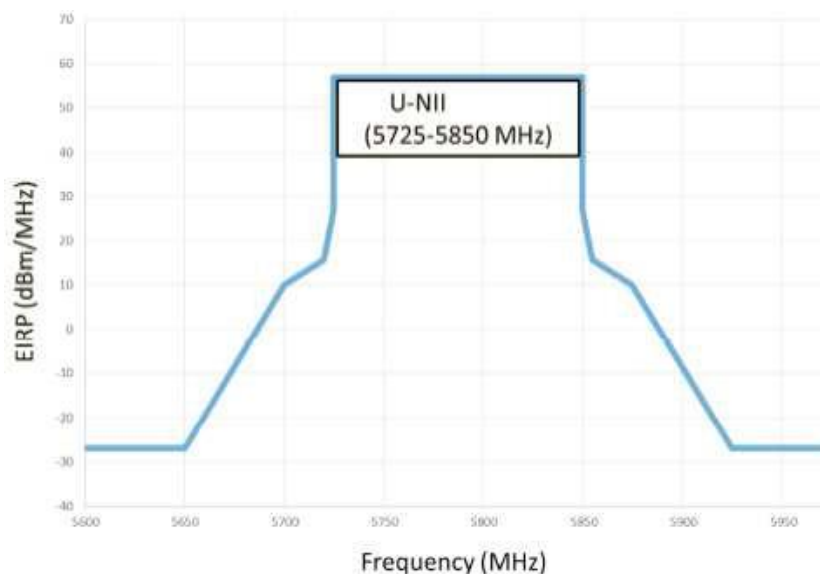


圖 1

在 1 GHz 以下不必要之發射，應符合 2.8 之規定。此外，落於 2.7 禁用頻段之輻射發射，應符合 2.8 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 2.2 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電機技術規範 3.10.1.3 節及 4.7.3 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 3.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過6 dBi，每超過3 dBi，總和傳導輸出功率限制值應降低1 dB。方向性增益值應計算如下：
 - (i) 方向性增益值= 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電機技術規範 3.10.1.6 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電機技術規範 4.7.5 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電機技術規範 3.10.1.2 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電機技術規範 4.7.3.1 節之要求：

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

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

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

依據國家通訊傳播委員會低功率射頻電機技術規範4.7.3.2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電機技術規範 4.7.3.3 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電機技術規範 3.10.1.6 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 3.10.1.3 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電機技術規範 4.7.3.1 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電機技術規範4.7.3.2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電機技術規範 4.7.3.3 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電機技術規範4.7.7.1及4.7.7.2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電機技術規範4.7.7.3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電機技術規範 4.7.7.4 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電機技術規範 4.7.7.5 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電機技術規範 5.20.2 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：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 - 3.0	614	1.63	*100	30
3 - 30	1842/f	4.89/f	*180/f ²	30
30 - 300	27.5	0.073	1.0	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：MHz。

3.2 限制使用之頻帶

除本規範另有規定外，任何低功率射頻電機之主波皆不得使用下表所列各頻段之頻率；低功率射頻電機落於下表所列頻段之混附發射，其電場強度必須符合 2.8 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	

2.4 GHz 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

For below 1GHz test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 03, 2019	July 02, 2020
Pre-Amplifier EMCI	EMC001340	980142	May 30, 2019	May 29, 2020
Loop Antenna Electro-Metrics	EM-6879	264	Jan. 22, 2019	Jan. 21, 2020
RF Cable	NA	LOOPCAB-001	Jan. 14, 2019	Jan. 13, 2020
RF Cable	NA	LOOPCAB-002	Jan. 14, 2019	Jan. 13, 2020
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-01	Oct. 30, 2018	Oct. 29, 2019
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 22, 2018	Nov. 21, 2019
RF Cable	8D	966-4-1	Mar. 19, 2019	Mar. 18, 2020
RF Cable	8D	966-4-2	Mar. 19, 2019	Mar. 18, 2020
RF Cable	8D	966-4-3	Mar. 19, 2019	Mar. 18, 2020
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Sep. 27, 2018	Sep. 26, 2019
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	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 966 Chamber No. 4.
3. Loop antenna was used for all emissions below 30 MHz.
4. 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	Value
Radiated emissions (30MHz-1GHz)	4.9 dB

For OOBE test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 05, 2018	July 04, 2019
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 25, 2018	Nov. 24, 2019
Pre-Amplifier EMCI	EMC12630SE	980385	Aug. 16, 2018	Aug. 15, 2019
RF Cable	EMC104-SM-SM-1200	160923	Jan. 28, 2019	Jan. 27, 2020
RF Cable	104 RF cable	131215	Jan. 10, 2019	Jan. 09, 2020
RF Cable	EMC104-SM-SM-6000	180418	May 07, 2018	May 06, 2019
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 28, 2019	Jan. 27, 2020
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 25, 2018	Nov. 24, 2019
RF Cable	EMC102-KM-KM-1200	160924	Jan. 28, 2019	Jan. 27, 2020
RF Cable	EMC102-KM-KM-1200	160925	Jan. 28, 2019	Jan. 27, 2020
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	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 966 Chamber No. 4.
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	Value
Radiated emissions (1GHz ~6GHz)	5.1 dB
Radiated emissions (6GHz ~18GHz)	4.9 dB
Radiated emissions (18GHz ~40GHz)	5.2 dB

For 接收譜波 (RX only)

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 03, 2019	July 02, 2020
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 25, 2018	Nov. 24, 2019
Pre-Amplifier EMCi	EMC12630SE	980385	Aug. 15, 2019	Aug. 14, 2020
RF Cable	EMC104-SM-SM-1200	160923	Jan. 28, 2019	Jan. 27, 2020
RF Cable	104 RF cable	131215	Jan. 10, 2019	Jan. 09, 2020
RF Cable	EMC104-SM-SM-6000	180418	May 03, 2019	May 02, 2020
Pre-Amplifier EMCi	EMC184045SE	980387	Jan. 28, 2019	Jan. 27, 2020
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 25, 2018	Nov. 24, 2019
RF Cable	EMC102-KM-KM-1200	160924	Jan. 28, 2019	Jan. 27, 2020
RF Cable	EMC102-KM-KM-1200	160925	Jan. 28, 2019	Jan. 27, 2020
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	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 966 Chamber No. 4.
3. Loop antenna was used for all emissions below 30 MHz.
4. 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	Value
Radiated emissions (1GHz ~6GHz)	5.1 dB
Radiated emissions (6GHz ~18GHz)	4.9 dB
Radiated emissions (18GHz ~40GHz)	5.2 dB

For other test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 05, 2018	July 04, 2019
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 25, 2018	Nov. 24, 2019
Pre-Amplifier EMCi	EMC12630SE	980385	Aug. 16, 2018	Aug. 15, 2019
RF Cable	EMC104-SM-SM-1200	160923	Jan. 28, 2019	Jan. 27, 2020
RF Cable	104 RF cable	131215	Jan. 10, 2019	Jan. 09, 2020
RF Cable	EMC104-SM-SM-6000	180418	May 03, 2019	May 02, 2020
Pre-Amplifier EMCi	EMC184045SE	980387	Jan. 28, 2019	Jan. 27, 2020
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 25, 2018	Nov. 24, 2019
RF Cable	EMC102-KM-KM-1200	160924	Jan. 28, 2019	Jan. 27, 2020
RF Cable	EMC102-KM-KM-1200	160925	Jan. 28, 2019	Jan. 27, 2020
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019

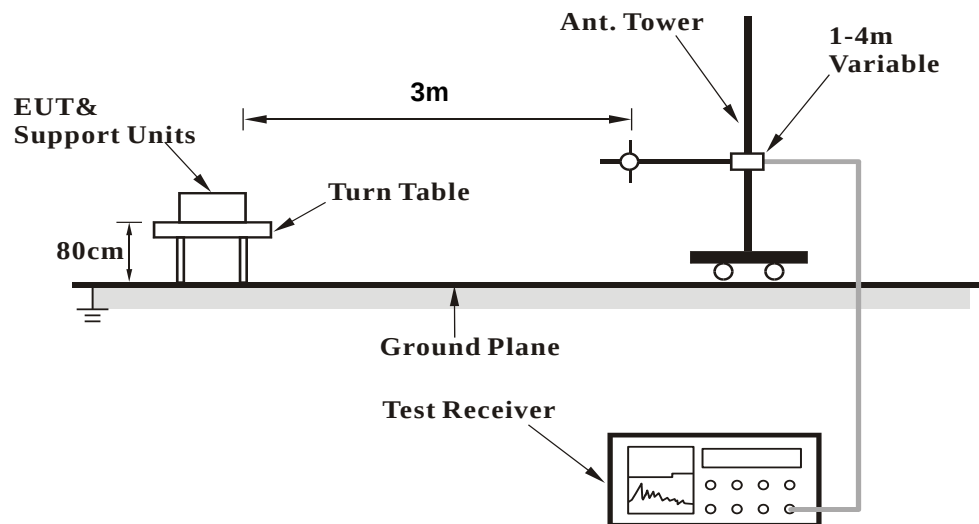
Note:

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 966 Chamber No. 4.
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.

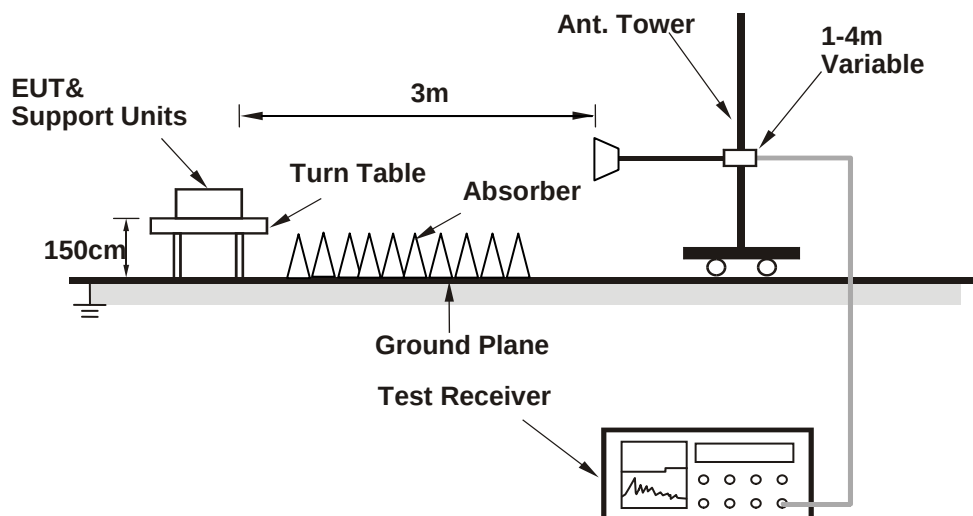
Measurement	Value
Radiated emissions (1GHz ~6GHz)	5.1 dB
Radiated emissions (6GHz ~18GHz)	4.9 dB
Radiated emissions (18GHz ~40GHz)	5.2 dB

4.4 測試配置

<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

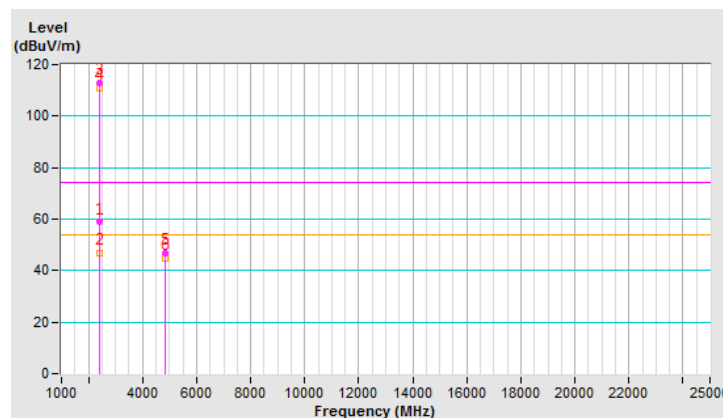
802.11b

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：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	58.8 PK	74.0	-15.2	3.63 H	104	61.0	-2.2
2	2390.00	46.9 AV	54.0	-7.1	3.63 H	104	49.1	-2.2
3	*2412.00	112.8 PK			3.63 H	104	115.1	-2.3
4	*2412.00	110.8 AV			3.63 H	104	113.1	-2.3
5	4824.00	46.9 PK	74.0	-27.1	1.19 H	137	45.2	1.7
6	4824.00	44.9 AV	54.0	-9.1	1.19 H	137	43.2	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

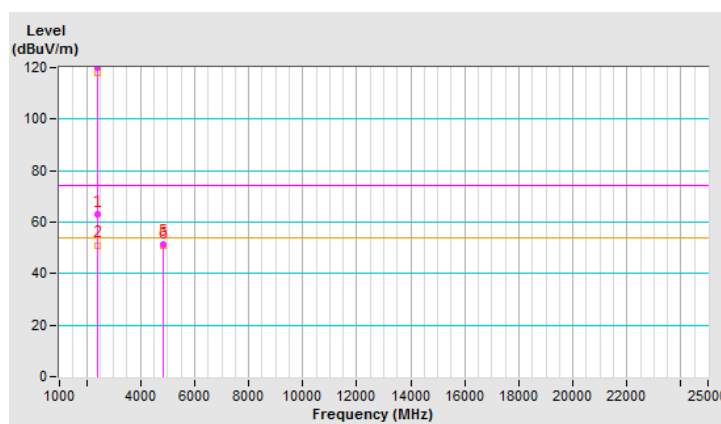


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	62.8 PK	74.0	-11.2	2.10 V	220	65.0	-2.2
2	2390.00	50.8 AV	54.0	-3.2	2.10 V	220	53.0	-2.2
3	*2412.00	120.1 PK			2.10 V	220	122.4	-2.3
4	*2412.00	118.2 AV			2.10 V	220	120.5	-2.3
5	4824.00	51.4 PK	74.0	-22.6	1.48 V	342	49.7	1.7
6	4824.00	50.6 AV	54.0	-3.4	1.48 V	342	48.9	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

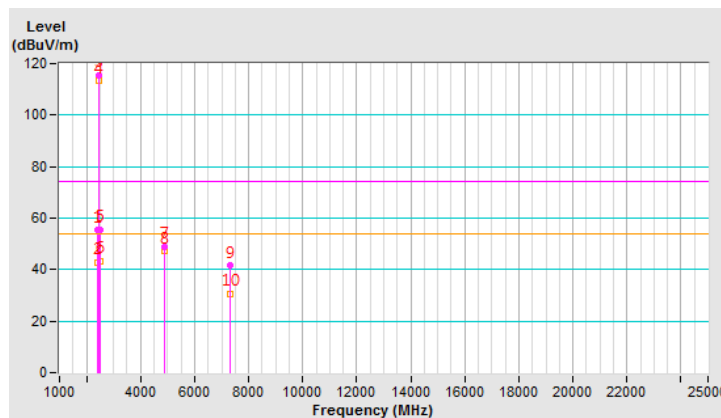


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	55.2 PK	74.0	-18.8	3.64 H	119	57.4	-2.2
2	2390.00	42.9 AV	54.0	-11.1	3.64 H	119	45.1	-2.2
3	*2437.00	115.4 PK			3.64 H	119	117.8	-2.4
4	*2437.00	113.2 AV			3.64 H	119	115.6	-2.4
5	2483.50	55.5 PK	74.0	-18.5	3.64 H	119	57.8	-2.3
6	2483.50	43.3 AV	54.0	-10.7	3.64 H	119	45.6	-2.3
7	4874.00	48.7 PK	74.0	-25.3	1.17 H	144	47.0	1.7
8	4874.00	47.1 AV	54.0	-6.9	1.17 H	144	45.4	1.7
9	7311.00	41.5 PK	74.0	-32.5	1.49 H	237	33.3	8.2
10	7311.00	30.6 AV	54.0	-23.4	1.49 H	237	22.4	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

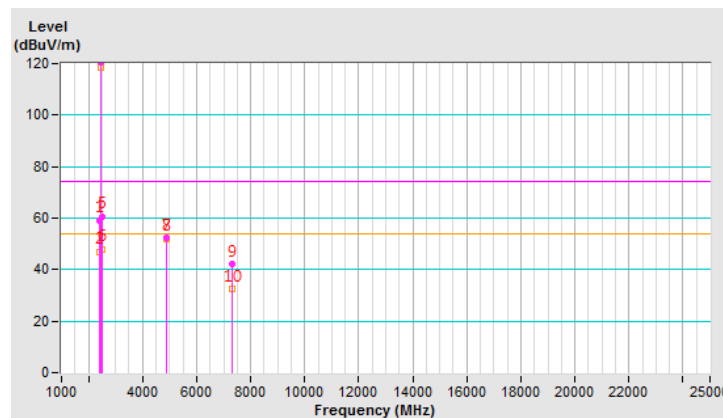


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	59.1 PK	74.0	-14.9	1.91 V	358	61.3	-2.2
2	2390.00	46.9 AV	54.0	-7.1	1.91 V	358	49.1	-2.2
3	*2437.00	120.7 PK			1.91 V	358	123.1	-2.4
4	*2437.00	118.6 AV			1.91 V	358	121.0	-2.4
5	2483.50	60.4 PK	74.0	-13.6	1.91 V	358	62.7	-2.3
6	2483.50	48.0 AV	54.0	-6.0	1.91 V	358	50.3	-2.3
7	4874.00	52.2 PK	74.0	-21.8	1.48 V	343	50.5	1.7
8	4874.00	51.8 AV	54.0	-2.2	1.48 V	343	50.1	1.7
9	7311.00	42.0 PK	74.0	-32.0	1.52 V	26	33.8	8.2
10	7311.00	32.3 AV	54.0	-21.7	1.52 V	26	24.1	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

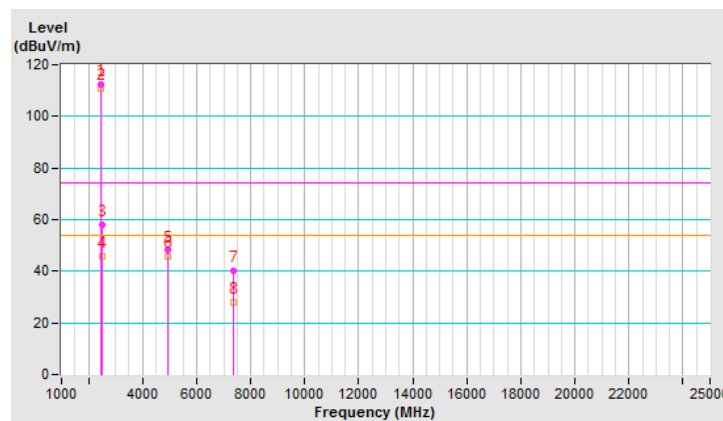


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	112.6 PK			3.63 H	113	115.0	-2.4
2	*2462.00	110.7 AV			3.63 H	113	113.1	-2.4
3	2483.50	57.8 PK	74.0	-16.2	3.63 H	113	60.1	-2.3
4	2483.50	45.8 AV	54.0	-8.2	3.63 H	113	48.1	-2.3
5	4924.00	48.1 PK	74.0	-25.9	1.18 H	139	46.3	1.8
6	4924.00	45.9 AV	54.0	-8.1	1.18 H	139	44.1	1.8
7	7386.00	40.3 PK	74.0	-33.7	1.55 H	240	32.0	8.3
8	7386.00	27.8 AV	54.0	-26.2	1.55 H	240	19.5	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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

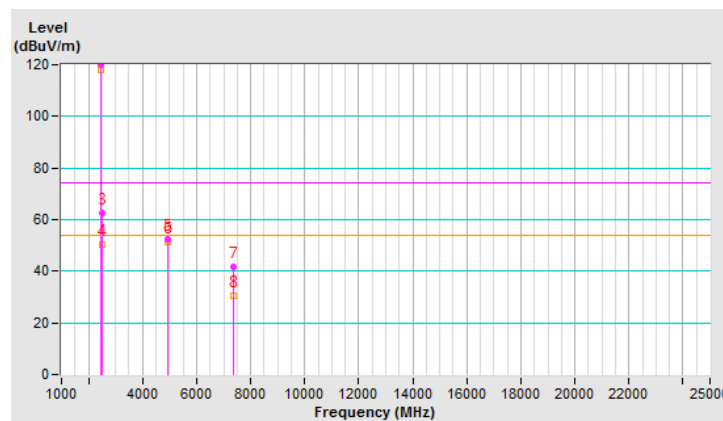


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	119.9 PK			1.00 V	0	122.3	-2.4
2	*2462.00	118.1 AV			1.00 V	0	120.5	-2.4
3	2483.50	62.7 PK	74.0	-11.3	1.00 V	0	65.0	-2.3
4	2483.50	50.5 AV	54.0	-3.5	1.00 V	0	52.8	-2.3
5	4924.00	52.6 PK	74.0	-21.4	1.72 V	341	50.8	1.8
6	4924.00	51.6 AV	54.0	-2.4	1.72 V	341	49.8	1.8
7	7386.00	41.8 PK	74.0	-32.2	1.55 V	30	33.5	8.3
8	7386.00	30.5 AV	54.0	-23.5	1.55 V	30	22.2	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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



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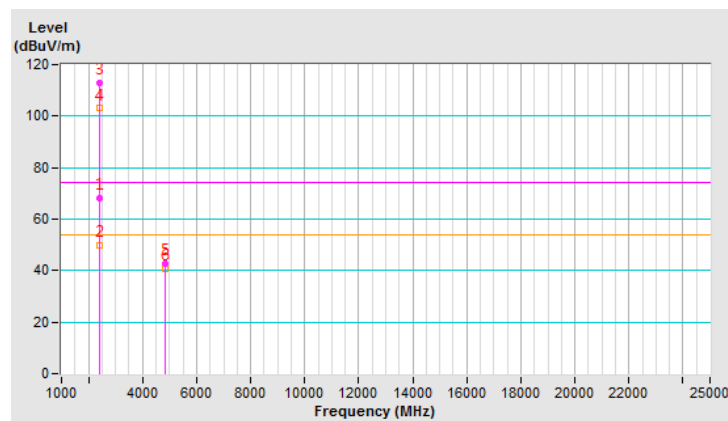
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	68.0 PK	74.0	-6.0	3.63 H	113	70.2	-2.2
2	2390.00	49.7 AV	54.0	-4.3	3.63 H	113	51.9	-2.2
3	*2412.00	113.1 PK			3.60 H	117	115.4	-2.3
4	*2412.00	103.0 AV			3.60 H	117	105.3	-2.3
5	4824.00	42.9 PK	74.0	-31.1	1.21 H	146	41.2	1.7
6	4824.00	40.8 AV	54.0	-13.2	1.21 H	146	39.1	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

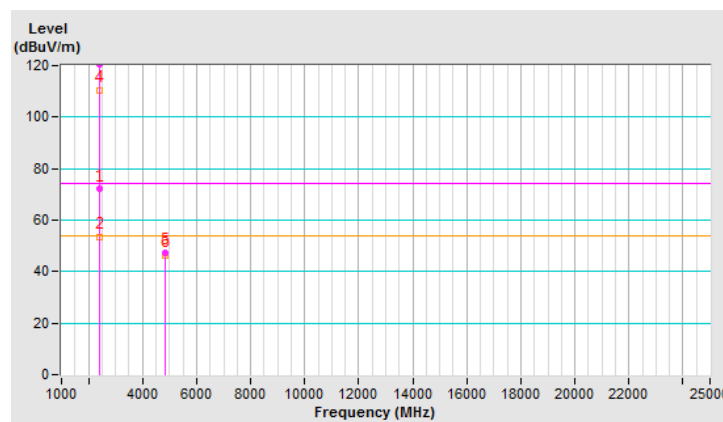


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	72.0 PK	74.0	-2.0	2.47 V	4	74.2	-2.2
2	2390.00	53.6 AV	54.0	-0.4	2.47 V	4	55.8	-2.2
3	*2412.00	120.4 PK			2.47 V	4	122.7	-2.3
4	*2412.00	110.4 AV			2.47 V	4	112.7	-2.3
5	4824.00	47.4 PK	74.0	-26.6	1.37 V	335	45.7	1.7
6	4824.00	46.5 AV	54.0	-7.5	1.37 V	335	44.8	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

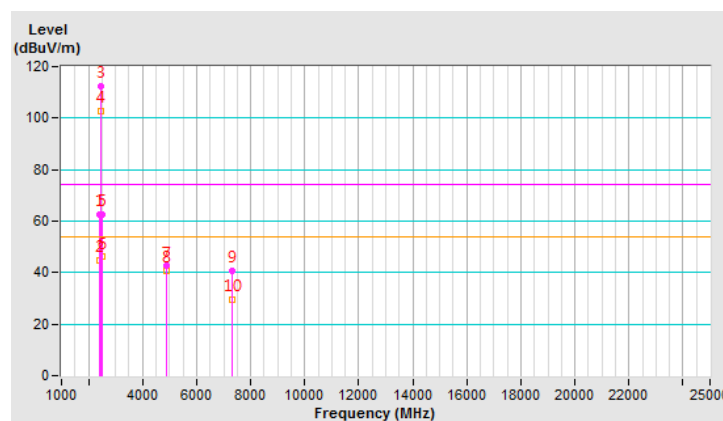


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	62.6 PK	74.0	-11.4	3.63 H	113	64.8	-2.2
2	2390.00	45.0 AV	54.0	-9.0	3.63 H	113	47.2	-2.2
3	*2437.00	112.3 PK			3.59 H	134	114.7	-2.4
4	*2437.00	102.6 AV			3.59 H	134	105.0	-2.4
5	2483.50	62.4 PK	74.0	-11.6	3.63 H	113	64.7	-2.3
6	2483.50	46.1 AV	54.0	-7.9	3.63 H	113	48.4	-2.3
7	4874.00	42.5 PK	74.0	-31.5	1.19 H	160	40.8	1.7
8	4874.00	40.7 AV	54.0	-13.3	1.19 H	160	39.0	1.7
9	7311.00	40.6 PK	74.0	-33.4	1.53 H	242	32.4	8.2
10	7311.00	29.6 AV	54.0	-24.4	1.53 H	242	21.4	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

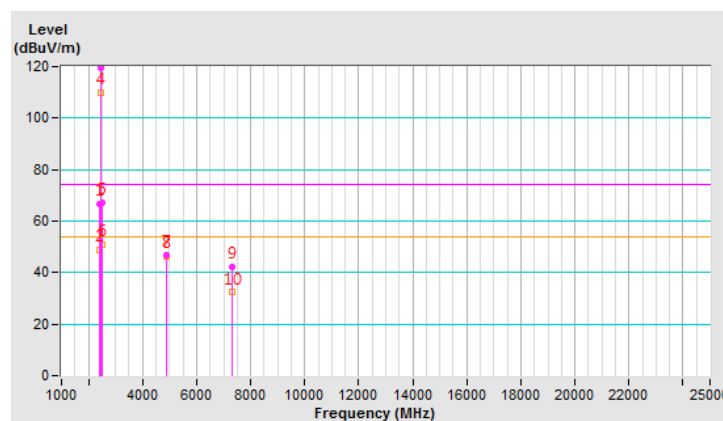


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	66.6 PK	74.0	-7.4	1.56 V	278	68.8	-2.2
2	2390.00	48.9 AV	54.0	-5.1	1.56 V	278	51.1	-2.2
3	*2437.00	119.6 PK			1.56 V	278	122.0	-2.4
4	*2437.00	110.0 AV			1.56 V	278	112.4	-2.4
5	2483.50	67.3 PK	74.0	-6.7	1.56 V	278	69.6	-2.3
6	2483.50	50.8 AV	54.0	-3.2	1.56 V	278	53.1	-2.3
7	4874.00	47.0 PK	74.0	-27.0	1.42 V	330	45.3	1.7
8	4874.00	46.4 AV	54.0	-7.6	1.42 V	330	44.7	1.7
9	7311.00	42.1 PK	74.0	-31.9	1.49 V	30	33.9	8.2
10	7311.00	32.3 AV	54.0	-21.7	1.49 V	30	24.1	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

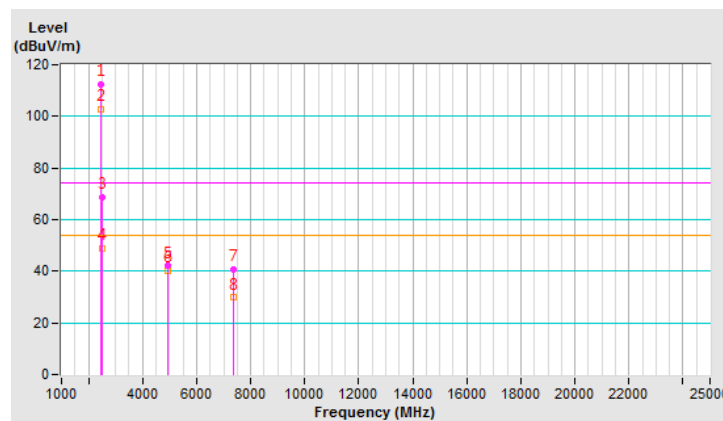


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	112.6 PK			3.63 H	113	115.0	-2.4
2	*2462.00	102.8 AV			3.63 H	113	105.2	-2.4
3	2483.50	68.8 PK	74.0	-5.2	3.63 H	113	71.1	-2.3
4	2483.50	49.0 AV	54.0	-5.0	3.63 H	113	51.3	-2.3
5	4924.00	42.0 PK	74.0	-32.0	1.16 H	133	40.2	1.8
6	4924.00	40.4 AV	54.0	-13.6	1.16 H	133	38.6	1.8
7	7386.00	40.9 PK	74.0	-33.1	1.44 H	230	32.6	8.3
8	7386.00	29.8 AV	54.0	-24.2	1.44 H	230	21.5	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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

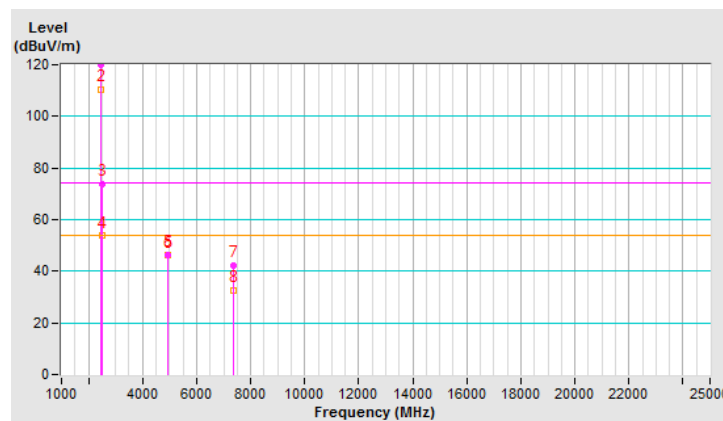


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	119.9 PK			1.59 V	248	122.3	-2.4
2	*2462.00	110.2 AV			1.59 V	248	112.6	-2.4
3	2483.50	73.7 PK	74.0	-0.3	1.59 V	248	76.0	-2.3
4	2483.50	53.7 AV	54.0	-0.3	1.59 V	248	56.0	-2.3
5	4924.00	46.5 PK	74.0	-27.5	1.39 V	341	44.7	1.8
6	4924.00	46.1 AV	54.0	-7.9	1.39 V	341	44.3	1.8
7	7386.00	42.4 PK	74.0	-31.6	1.55 V	41	34.1	8.3
8	7386.00	32.5 AV	54.0	-21.5	1.55 V	41	24.2	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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



802.11ax (HE20)

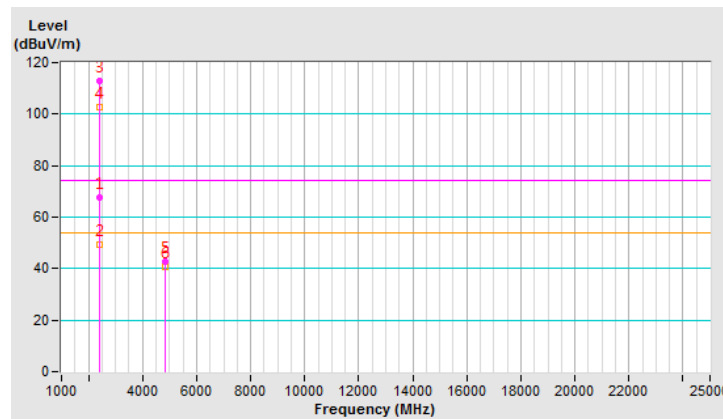
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	67.7 PK	74.0	-6.3	3.69 H	106	69.9	-2.2
2	2390.00	49.4 AV	54.0	-4.6	3.69 H	106	51.6	-2.2
3	*2412.00	112.9 PK			3.69 H	106	115.2	-2.3
4	*2412.00	102.7 AV			3.69 H	106	105.0	-2.3
5	4824.00	42.6 PK	74.0	-31.4	1.19 H	146	40.9	1.7
6	4824.00	40.7 AV	54.0	-13.3	1.19 H	146	39.0	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

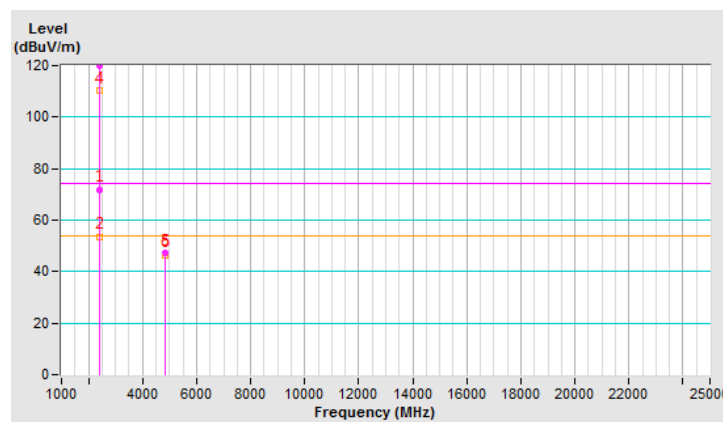


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	71.7 PK	74.0	-2.3	2.49 V	1	73.9	-2.2
2	2390.00	53.3 AV	54.0	-0.7	2.49 V	1	55.5	-2.2
3	*2412.00	120.2 PK			2.49 V	1	122.5	-2.3
4	*2412.00	110.1 AV			2.49 V	1	112.4	-2.3
5	4824.00	47.1 PK	74.0	-26.9	1.46 V	330	45.4	1.7
6	4824.00	46.4 AV	54.0	-7.6	1.46 V	330	44.7	1.7
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

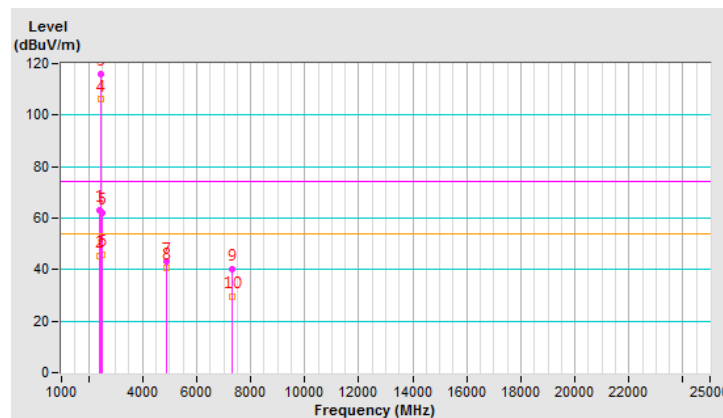


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	62.9 PK	74.0	-11.1	3.68 H	126	65.1	-2.2
2	2390.00	45.5 AV	54.0	-8.5	3.68 H	126	47.7	-2.2
3	*2437.00	115.8 PK			3.68 H	126	118.2	-2.4
4	*2437.00	106.1 AV			3.68 H	126	108.5	-2.4
5	2483.50	62.0 PK	74.0	-12.0	3.68 H	126	64.3	-2.3
6	2483.50	45.8 AV	54.0	-8.2	3.68 H	126	48.1	-2.3
7	4874.00	43.0 PK	74.0	-31.0	1.22 H	128	41.3	1.7
8	4874.00	40.9 AV	54.0	-13.1	1.22 H	128	39.2	1.7
9	7311.00	40.4 PK	74.0	-33.6	1.46 H	235	32.2	8.2
10	7311.00	29.5 AV	54.0	-24.5	1.46 H	235	21.3	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

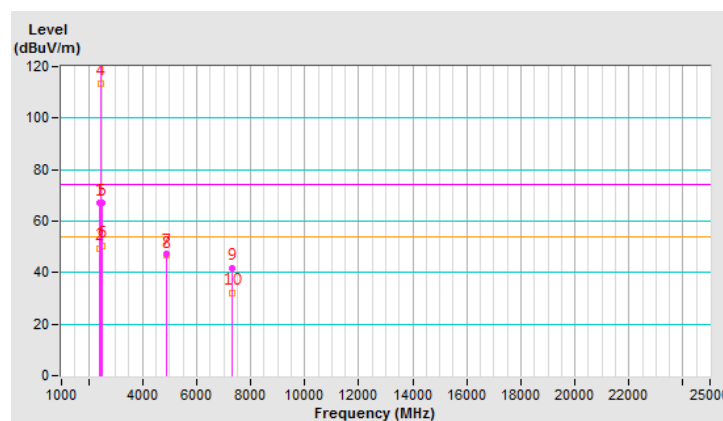


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	66.9 PK	74.0	-7.1	1.59 V	292	69.1	-2.2
2	2390.00	49.4 AV	54.0	-4.6	1.59 V	292	51.6	-2.2
3	*2437.00	123.1 PK			1.59 V	292	125.5	-2.4
4	*2437.00	113.5 AV			1.59 V	292	115.9	-2.4
5	2483.50	66.9 PK	74.0	-7.1	1.59 V	292	69.2	-2.3
6	2483.50	50.5 AV	54.0	-3.5	1.59 V	292	52.8	-2.3
7	4874.00	47.5 PK	74.0	-26.5	1.36 V	318	45.8	1.7
8	4874.00	46.6 AV	54.0	-7.4	1.36 V	318	44.9	1.7
9	7311.00	41.9 PK	74.0	-32.1	1.45 V	36	33.7	8.2
10	7311.00	32.2 AV	54.0	-21.8	1.45 V	36	24.0	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

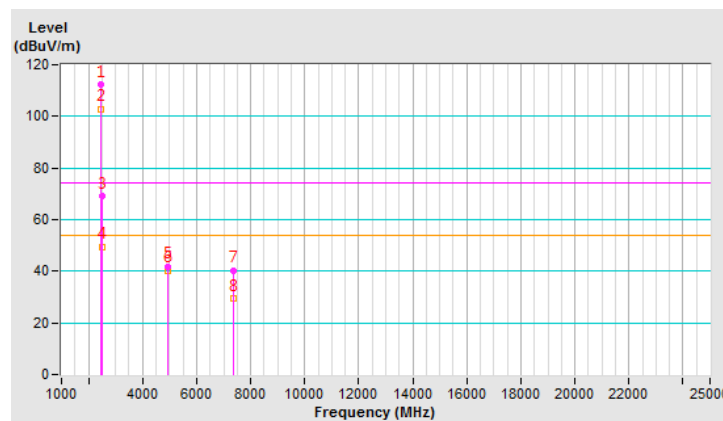


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	112.2 PK			3.59 H	112	114.6	-2.4
2	*2462.00	102.6 AV			3.59 H	112	105.0	-2.4
3	2483.50	68.9 PK	74.0	-5.1	3.59 H	112	71.2	-2.3
4	2483.50	49.2 AV	54.0	-4.8	3.59 H	112	51.5	-2.3
5	4924.00	41.9 PK	74.0	-32.1	1.15 H	137	40.1	1.8
6	4924.00	40.2 AV	54.0	-13.8	1.15 H	137	38.4	1.8
7	7386.00	40.3 PK	74.0	-33.7	1.52 H	231	32.0	8.3
8	7386.00	29.3 AV	54.0	-24.7	1.52 H	231	21.0	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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

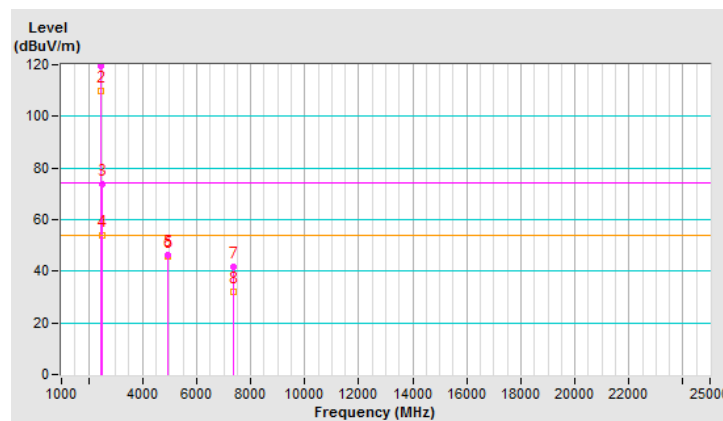


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	119.5 PK			1.53 V	253	121.9	-2.4
2	*2462.00	110.0 AV			1.53 V	253	112.4	-2.4
3	2483.50	73.8 PK	74.0	-0.2	1.53 V	263	76.1	-2.3
4	2483.50	53.9 AV	54.0	-0.1	1.53 V	263	56.2	-2.3
5	4924.00	46.4 PK	74.0	-27.6	1.40 V	326	44.6	1.8
6	4924.00	45.9 AV	54.0	-8.1	1.40 V	326	44.1	1.8
7	7386.00	41.8 PK	74.0	-32.2	1.55 V	27	33.5	8.3
8	7386.00	32.0 AV	54.0	-22.0	1.55 V	27	23.7	8.3
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

REMARKS:

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



802.11ax (HE40)

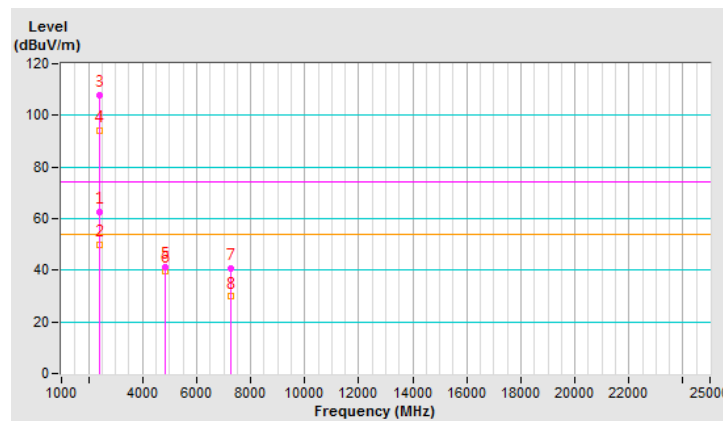
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	62.7 PK	74.0	-11.3	3.63 H	119	64.9	-2.2
2	2390.00	49.8 AV	54.0	-4.2	3.63 H	119	52.0	-2.2
3	*2422.00	107.7 PK			3.63 H	119	110.0	-2.3
4	*2422.00	94.2 AV			3.63 H	119	96.5	-2.3
5	4844.00	41.4 PK	74.0	-32.6	1.17 H	141	39.8	1.6
6	4844.00	39.9 AV	54.0	-14.1	1.17 H	141	38.3	1.6
7	7266.00	40.6 PK	74.0	-33.4	1.45 H	228	32.4	8.2
8	7266.00	29.8 AV	54.0	-24.2	1.45 H	228	21.6	8.2
9	#9688.00	-	-	-	-	-	-	-
10	12110.00	-	-	-	-	-	-	-
11	#14532.00	-	-	-	-	-	-	-
12	#16954.00	-	-	-	-	-	-	-
13	19376.00	-	-	-	-	-	-	-
14	#21798.00	-	-	-	-	-	-	-
15	#24220.00	-	-	-	-	-	-	-

REMARKS:

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

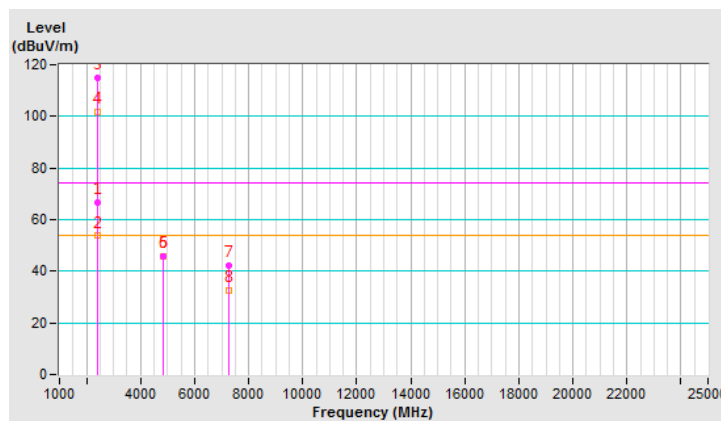


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	66.7 PK	74.0	-7.3	1.83 V	318	68.9	-2.2
2	2390.00	53.7 AV	54.0	-0.3	1.83 V	318	55.9	-2.2
3	*2422.00	115.0 PK			1.83 V	318	117.3	-2.3
4	*2422.00	101.6 AV			1.83 V	318	103.9	-2.3
5	4844.00	45.9 PK	74.0	-28.1	1.42 V	313	44.3	1.6
6	4844.00	45.6 AV	54.0	-8.4	1.42 V	313	44.0	1.6
7	7266.00	42.1 PK	74.0	-31.9	1.57 V	36	33.9	8.2
8	7266.00	32.5 AV	54.0	-21.5	1.57 V	36	24.3	8.2
9	#9688.00	-	-	-	-	-	-	-
10	12110.00	-	-	-	-	-	-	-
11	#14532.00	-	-	-	-	-	-	-
12	#16954.00	-	-	-	-	-	-	-
13	19376.00	-	-	-	-	-	-	-
14	#21798.00	-	-	-	-	-	-	-
15	#24220.00	-	-	-	-	-	-	-

REMARKS:

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

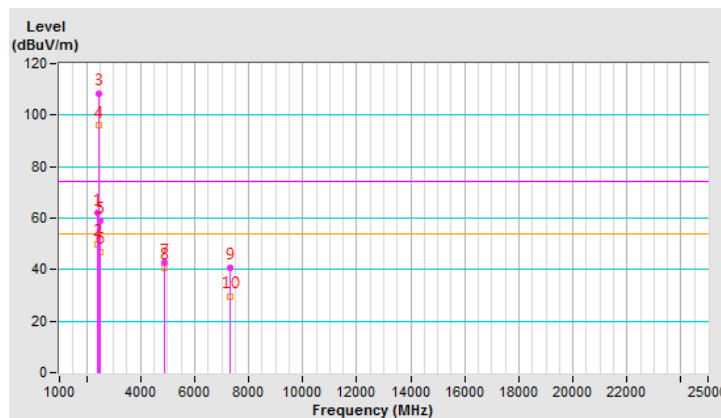


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	61.8 PK	74.0	-12.2	3.64 H	120	64.0	-2.2
2	2390.00	49.7 AV	54.0	-4.3	3.64 H	120	51.9	-2.2
3	*2437.00	108.4 PK			3.64 H	120	110.8	-2.4
4	*2437.00	95.9 AV			3.64 H	120	98.3	-2.4
5	2483.50	58.8 PK	74.0	-15.2	3.64 H	120	61.1	-2.3
6	2483.50	46.8 AV	54.0	-7.2	3.64 H	120	49.1	-2.3
7	4874.00	42.5 PK	74.0	-31.5	1.19 H	147	40.8	1.7
8	4874.00	40.6 AV	54.0	-13.4	1.19 H	147	38.9	1.7
9	7311.00	40.8 PK	74.0	-33.2	1.51 H	232	32.6	8.2
10	7311.00	29.7 AV	54.0	-24.3	1.51 H	232	21.5	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

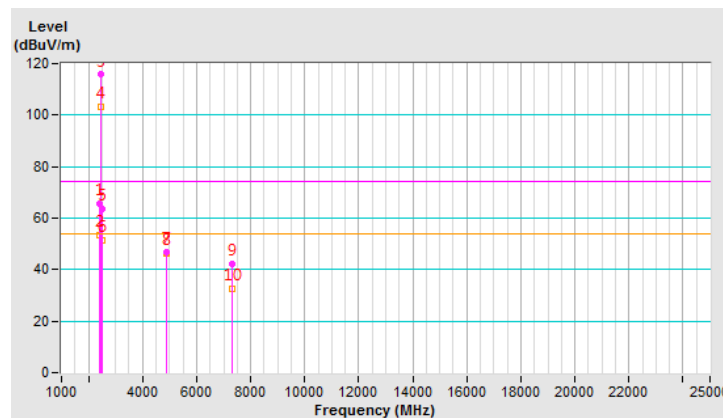


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	2.05 V	359	68.0	-2.2
2	2390.00	53.6 AV	54.0	-0.4	2.05 V	359	55.8	-2.2
3	*2437.00	115.7 PK			2.05 V	359	118.1	-2.4
4	*2437.00	103.3 AV			2.05 V	359	105.7	-2.4
5	2483.50	63.7 PK	74.0	-10.3	2.05 V	359	66.0	-2.3
6	2483.50	51.5 AV	54.0	-2.5	2.05 V	359	53.8	-2.3
7	4874.00	47.0 PK	74.0	-27.0	1.36 V	329	45.3	1.7
8	4874.00	46.3 AV	54.0	-7.7	1.36 V	329	44.6	1.7
9	7311.00	42.3 PK	74.0	-31.7	1.54 V	39	34.1	8.2
10	7311.00	32.4 AV	54.0	-21.6	1.54 V	39	24.2	8.2
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

REMARKS:

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

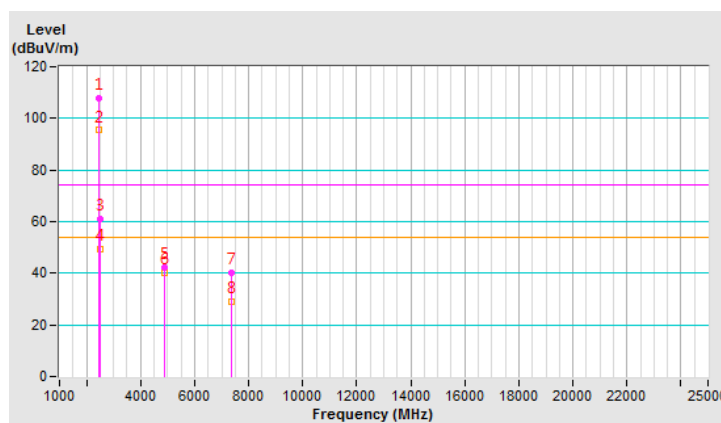


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	107.7 PK			3.69 H	120	110.1	-2.4
2	*2452.00	95.4 AV			3.69 H	120	97.8	-2.4
3	2483.50	61.1 PK	74.0	-12.9	3.69 H	120	63.4	-2.3
4	2483.50	49.2 AV	54.0	-4.8	3.69 H	120	51.5	-2.3
5	4904.00	42.1 PK	74.0	-31.9	1.12 H	154	40.3	1.8
6	4904.00	40.2 AV	54.0	-13.8	1.12 H	154	38.4	1.8
7	7356.00	40.3 PK	74.0	-33.7	1.52 H	244	32.1	8.2
8	7356.00	29.1 AV	54.0	-24.9	1.52 H	244	20.9	8.2
9	#9808.00	-	-	-	-	-	-	-
10	12260.00	-	-	-	-	-	-	-
11	#14712.00	-	-	-	-	-	-	-
12	#17164.00	-	-	-	-	-	-	-
13	19616.00	-	-	-	-	-	-	-
14	22068.00	-	-	-	-	-	-	-
15	#24520.00	-	-	-	-	-	-	-

REMARKS:

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

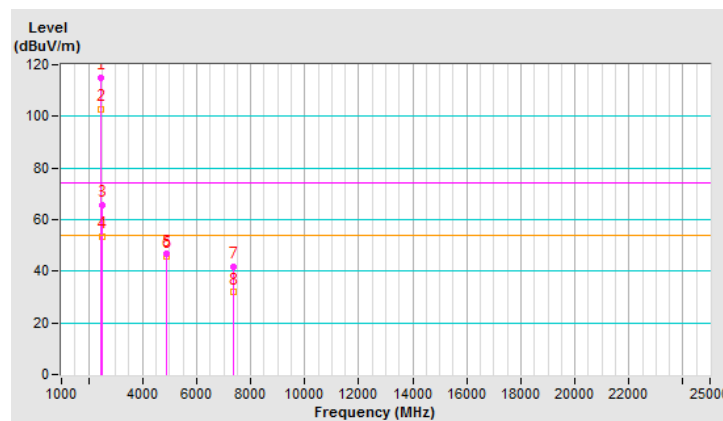


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	115.1 PK			1.50 V	278	117.5	-2.4
2	*2452.00	102.7 AV			1.50 V	278	105.1	-2.4
3	2483.50	65.5 PK	74.0	-8.5	1.50 V	278	67.8	-2.3
4	2483.50	53.5 AV	54.0	-0.5	1.50 V	278	55.8	-2.3
5	4904.00	46.6 PK	74.0	-27.4	1.45 V	327	44.8	1.8
6	4904.00	45.9 AV	54.0	-8.1	1.45 V	327	44.1	1.8
7	7356.00	41.8 PK	74.0	-32.2	1.56 V	24	33.6	8.2
8	7356.00	31.8 AV	54.0	-22.2	1.56 V	24	23.6	8.2
9	#9808.00	-	-	-	-	-	-	-
10	12260.00	-	-	-	-	-	-	-
11	#14712.00	-	-	-	-	-	-	-
12	#17164.00	-	-	-	-	-	-	-
13	19616.00	-	-	-	-	-	-	-
14	22068.00	-	-	-	-	-	-	-
15	#24520.00	-	-	-	-	-	-	-

REMARKS:

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



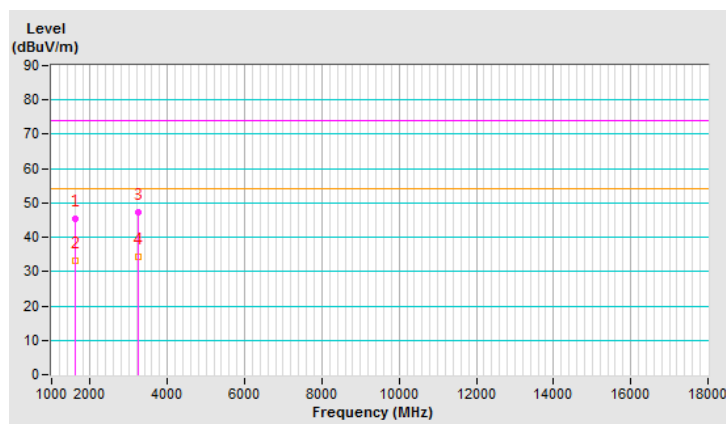
4.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 6 : 2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	1624.67	45.5 PK	74.0	-28.5	1.73 H	108	50.4	-4.9
2	1624.67	33.1 AV	54.0	-20.9	1.73 H	108	38.0	-4.9
3	3249.33	47.3 PK	74.0	-26.7	2.65 H	148	48.8	-1.5
4	3249.33	34.3 AV	54.0	-19.7	2.65 H	148	35.8	-1.5

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

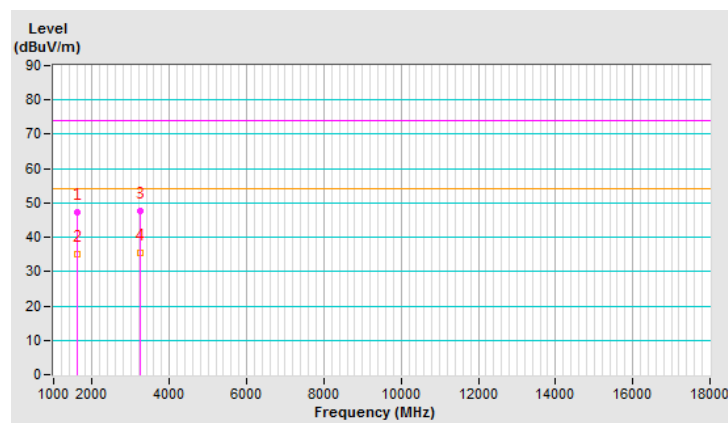


操作模式：	接收		
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	1624.67	47.1 PK	74.0	-26.9	1.73 V	122	52.0	-4.9
2	1624.67	35.2 AV	54.0	-18.8	1.73 V	122	40.1	-4.9
3	3249.33	47.7 PK	74.0	-26.3	2.72 V	181	49.2	-1.5
4	3249.33	35.4 AV	54.0	-18.6	2.72 V	181	36.9	-1.5

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



4.6.3 其它不必要之訊號

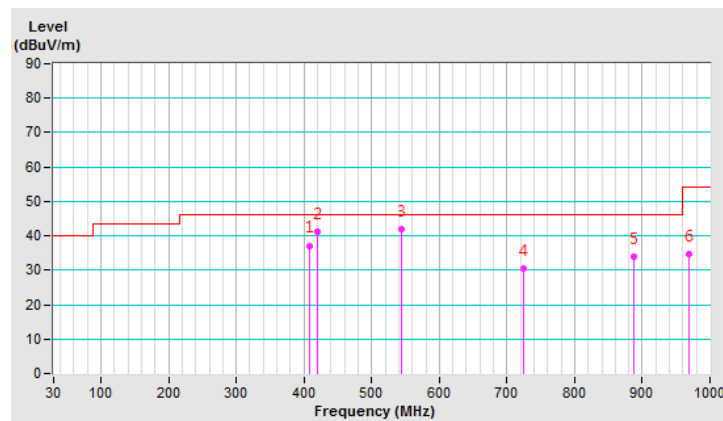
802.11ax (HE20)

操作模式：	發射/接收	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108年9月12日	測試者：	柯其宗

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	408.20	37.2 QP	46.0	-8.8	3.00 H	187	41.3	-4.1
2	419.87	41.1 QP	46.0	-4.9	1.00 H	21	44.6	-3.5
3	544.66	42.0 QP	46.0	-4.0	2.00 H	30	42.9	-0.9
4	724.23	30.5 QP	46.0	-15.5	3.00 H	314	27.8	2.7
5	887.67	33.9 QP	46.0	-12.1	1.00 H	254	28.3	5.6
6	969.59	34.7 QP	54.0	-19.3	4.00 H	107	27.5	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

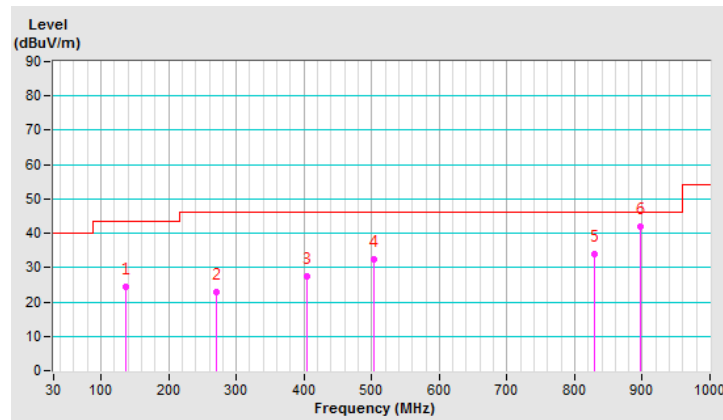


操作模式：	發射/接收	調變技術：	OFDMA
基本波頻率：	CH 6：2437 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108 年 9 月 12 日	測試者：	柯其宗

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	136.94	24.2 QP	43.5	-19.3	2.00 V	360	32.7	-8.5
2	269.91	22.9 QP	46.0	-23.1	2.00 V	355	30.8	-7.9
3	405.17	27.3 QP	46.0	-18.7	3.00 V	272	31.5	-4.2
4	502.51	32.3 QP	46.0	-13.7	1.00 V	198	34.0	-1.7
5	830.06	33.8 QP	46.0	-12.2	4.00 V	98	28.9	4.9
6	896.33	41.9 QP	46.0	-4.1	3.00 V	294	36.1	5.8

REMARKS:

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



4.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

4.8 配置照片

請參照 Test Setup Photos

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。

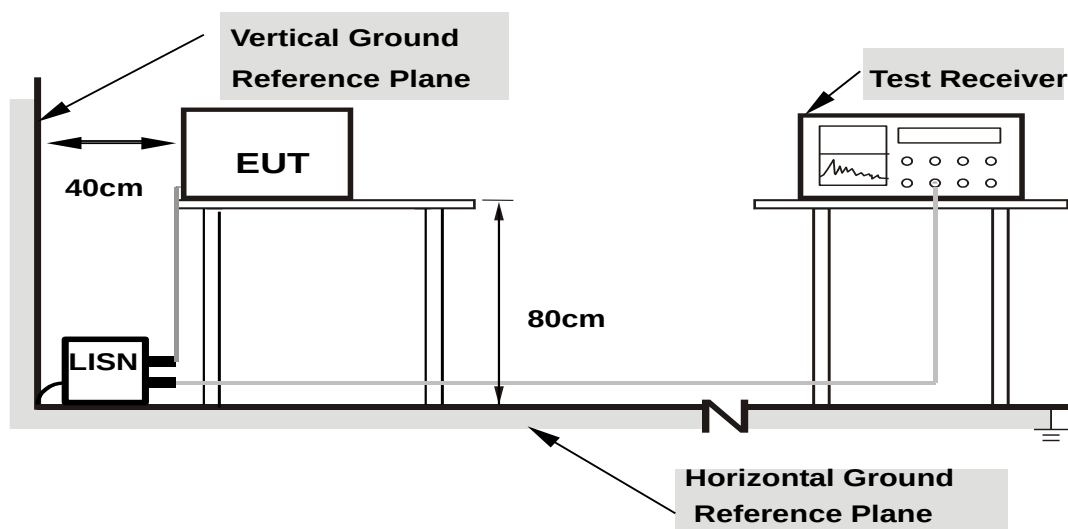
5.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 24, 2018	Oct. 23, 2019
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 22, 2018	Oct. 21, 2019
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 17, 2019	Mar. 16, 2020
50 ohms Terminator	N/A	3	Oct. 22, 2018	Oct. 21, 2019
RF Cable	5D-FB	COCCAB-001	Sep. 28, 2018	Sep. 27, 2019
Fixed attenuator EMCI	STI02-2200-10	003	Mar. 14, 2019	Mar. 13, 2020
Software BVADT	BVADT_Conf_ V7.3.7.4	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. 1.
3. The measurement uncertainty is 2.98 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.

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

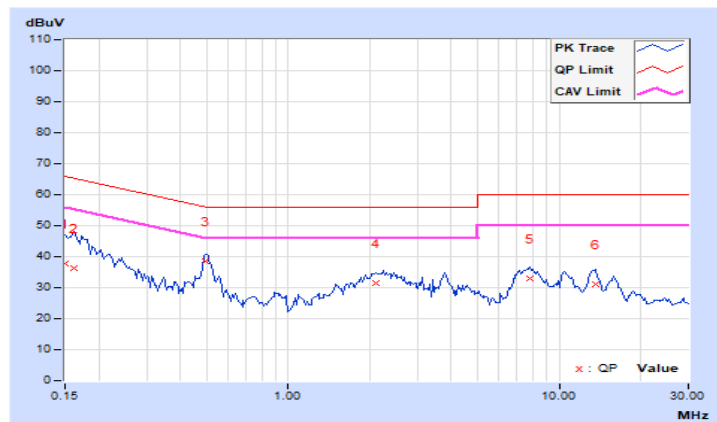
5.6 量測結果

操作模式	發射/ 接收	測試日期	108 年 09 月 12 日
基本波頻率	CH 6: 2437MHz	量測場地溫度	24°C
調變技術	OFDMA	量測場地濕度	76%RH
測試者	何欣儒		

		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	9.97	27.74	12.93	37.71	22.90	66.00	56.00	-28.29	-33.10
0.16172	9.97	26.28	20.42	36.25	30.39	65.38	55.38	-29.13	-24.99
0.49766	10.00	28.41	21.55	38.41	31.55	56.04	46.04	-17.63	-14.49
2.09766	10.13	21.29	17.07	31.42	27.20	56.00	46.00	-24.58	-18.80
7.80859	10.51	22.31	17.24	32.82	27.75	60.00	50.00	-27.18	-22.25
13.67578	10.91	20.33	15.01	31.24	25.92	60.00	50.00	-28.76	-24.08

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.

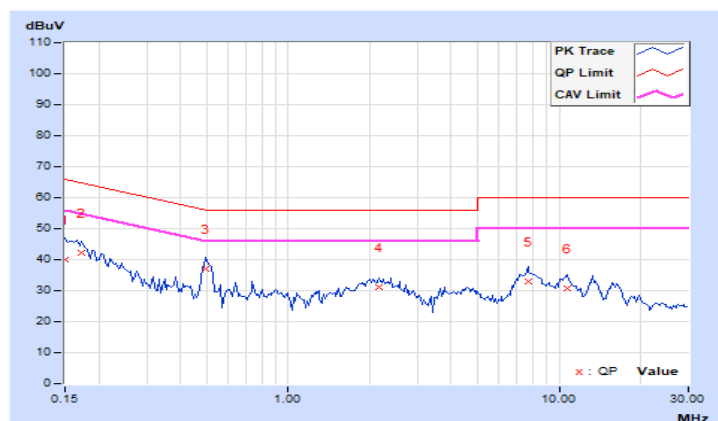


操作模式	發射/ 接收	測試日期	108 年 09 月 12 日
基本波頻率	CH 6: 2437MHz	量測場地溫度	24°C
調變技術	OFDMA	量測場地濕度	76%RH
測試者	何欣儒		

		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	9.95	29.93	13.25	39.88	23.20	66.00	56.00	-26.12	-32.80
0.17344	9.95	32.27	24.60	42.22	34.55	64.79	54.79	-22.57	-20.24
0.49766	9.99	27.19	22.34	37.18	32.33	56.04	46.04	-18.86	-13.71
2.16406	10.11	20.99	16.26	31.10	26.37	56.00	46.00	-24.90	-19.63
7.66406	10.42	22.67	17.54	33.09	27.96	60.00	50.00	-26.91	-22.04
10.73438	10.60	20.30	15.67	30.90	26.27	60.00	50.00	-29.10	-23.73

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，符合低功率射頻電機技術規範之要求。

5.8 配置照片

請參照 Test Setup Photos

6 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

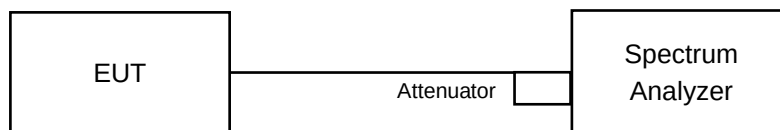
- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 計算最大輸出功率峰值減 6dB 的最大頻率範圍。

6.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 15, 2019	Apr. 14, 2020

NOTE: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

6.4 測試配置



6.5 量測結果

操作模式	發射	測試日期	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	7.08	7.08	7.09	7.04	0.5	Pass
6	2437	7.12	7.07	7.53	7.10	0.5	Pass
11	2462	7.12	7.05	7.11	7.07	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	16.45	16.38	16.19	16.41	0.5	Pass
6	2437	16.45	16.43	15.85	16.46	0.5	Pass
11	2462	16.44	16.42	16.44	16.40	0.5	Pass

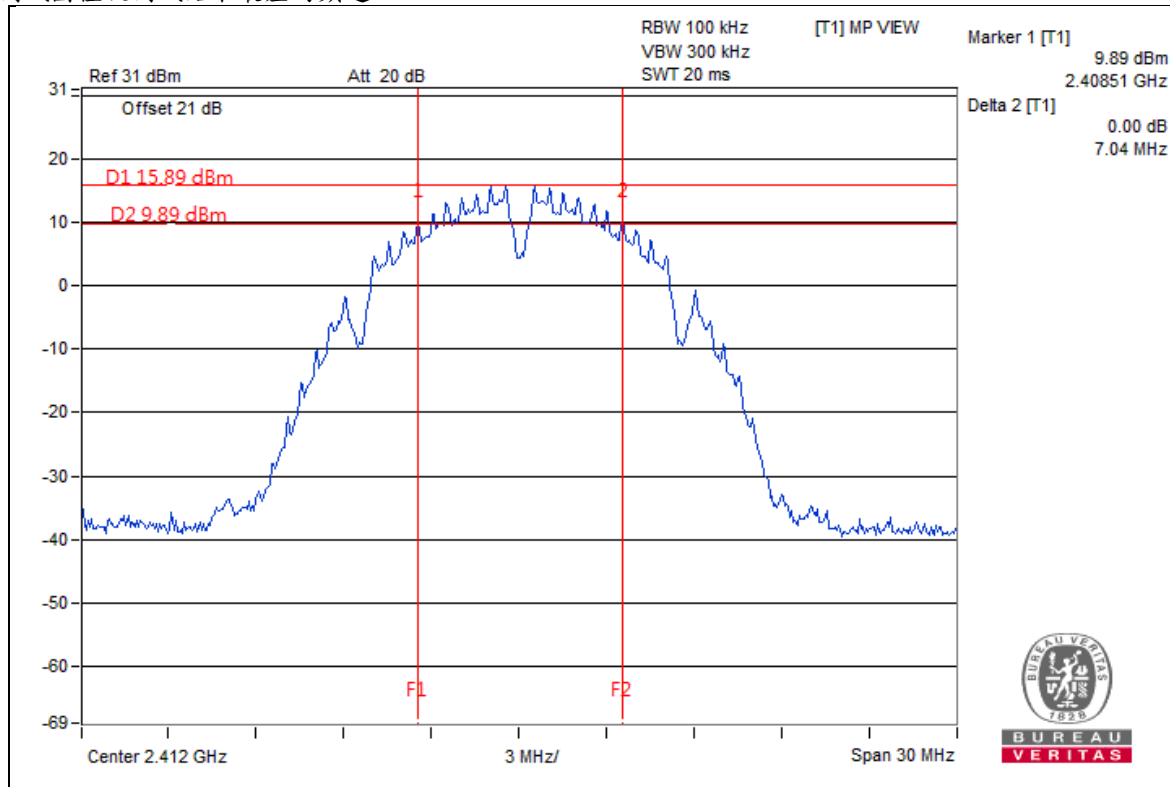
802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	19.07	18.68	18.73	19.01	0.5	Pass
6	2437	19.06	19.04	18.86	19.09	0.5	Pass
11	2462	19.09	18.71	19.01	18.92	0.5	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	37.70	37.32	36.41	37.09	0.5	Pass
6	2437	37.46	37.44	36.62	38.02	0.5	Pass
9	2452	37.54	36.67	37.82	37.45	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



6.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

7 傳導輸出功率之量測

7.1 適用標準

請見本報告 3.1 節第 6 項(I)及 4 項(I)的規定。

7.2 量測方法

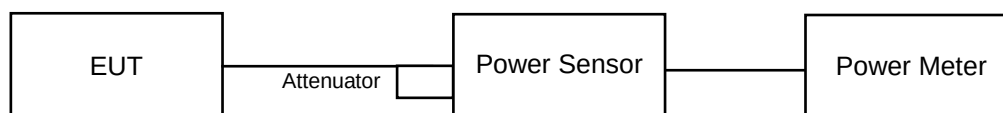
- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其最大輸出功率。

7.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1014008	May 09, 2018	May 08, 2019
Power sensor Anritsu	MA2411B	0917122	May 09, 2018	May 08, 2019
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 15, 2019	Apr. 14, 2020

NOTE: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

7.4 測試配置



7.5 量測結果

操作模式	發射	測試日期	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

Non-Beamforming Mode

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	23.11	24.46	24.02	23.48	959.09	29.82	30.00	Pass
6	2437	23.09	24.39	23.87	23.69	956.158	29.81	30.00	Pass
11	2462	22.48	24.25	23.47	23.34	881.189	29.45	30.00	Pass

802.11g

Chan.	Chan. Freq. (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	20.98	20.29	20.30	427.476	26.31	30.00	Pass
6	2437	22.92	24.13	24.08	23.92	957.168	29.81	30.00	Pass
11	2462	19.82	21.08	20.50	20.52	449.095	26.52	30.00	Pass

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	19.74	20.67	20.77	20.46	441.442	26.45	30.00	Pass
6	2437	23.09	24.12	24.08	23.45	939.098	29.73	30.00	Pass
11	2462	20.06	21.75	20.91	20.84	495.664	26.95	30.00	Pass

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.73	16.82	16.02	16.34	168.542	22.27	30.00	Pass
6	2437	18.24	19.65	19.13	19.18	323.578	25.10	30.00	Pass
9	2452	17.81	18.13	18.41	17.95	257.124	24.10	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	19.77	20.71	20.79	20.57	446.578	26.50	30.00	Pass
6	2437	23.21	24.25	24.22	23.52	964.63	29.84	30.00	Pass
11	2462	20.18	21.78	21.03	20.92	505.253	27.04	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.83	16.91	16.16	16.40	172.33	22.36	30.00	Pass
6	2437	18.27	19.76	19.25	19.20	329.083	25.17	30.00	Pass
9	2452	17.83	18.22	18.53	18.08	262.602	24.19	30.00	Pass

Beamforming Mode

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	19.74	20.67	20.77	20.46	441.442	26.45	28.99	Pass
6	2437	22.05	23.17	23.19	22.55	756.152	28.79	28.99	Pass
11	2462	20.06	21.75	20.91	20.84	495.664	26.95	28.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power limit shall be reduced to $30-(7.01-6) = 28.99$ dBm.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.73	16.82	16.02	16.34	168.542	22.27	28.99	Pass
6	2437	18.24	19.65	19.13	19.18	323.578	25.10	28.99	Pass
9	2452	17.81	18.13	18.41	17.95	257.124	24.10	28.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power limit shall be reduced to $30-(7.01-6) = 28.99$ dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	19.77	20.71	20.79	20.57	446.578	26.50	28.99	Pass
6	2437	22.19	23.21	23.23	22.56	765.668	28.84	28.99	Pass
11	2462	20.18	21.78	21.03	20.92	505.253	27.04	28.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power limit shall be reduced to $30-(7.01-6) = 28.99\text{dBm}$.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.83	16.91	16.16	16.40	172.33	22.36	28.99	Pass
6	2437	18.27	19.76	19.25	19.20	329.083	25.17	28.99	Pass
9	2452	17.83	18.22	18.53	18.08	262.602	24.19	28.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power limit shall be reduced to $30-(7.01-6) = 28.99\text{dBm}$.

7.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

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

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

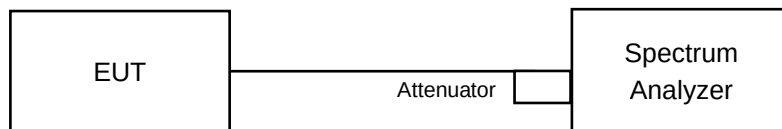
8.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 15, 2019	Apr. 14, 2020

NOTE:

- The test was performed in Oven room 2.
- The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

8.4 測試配置



8.5 量測結果

操作模式	發射	測試日期	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

802.11b

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=4) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-6.47	6.02	-0.45	6.99	Pass
	6	2437	-7.05	6.02	-1.03	6.99	Pass
	11	2462	-7.40	6.02	-1.38	6.99	Pass
1	1	2412	-5.11	6.02	0.91	6.99	Pass
	6	2437	-5.80	6.02	0.22	6.99	Pass
	11	2462	-4.54	6.02	1.48	6.99	Pass
2	1	2412	-5.98	6.02	0.04	6.99	Pass
	6	2437	-6.39	6.02	-0.37	6.99	Pass
	11	2462	-7.12	6.02	-1.10	6.99	Pass
3	1	2412	-5.65	6.02	0.37	6.99	Pass
	6	2437	-6.88	6.02	-0.86	6.99	Pass
	11	2462	-7.78	6.02	-1.76	6.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power density limit shall be reduced to $8-(7.01-6) = 6.99\text{dBm}$.

802.11g

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=4) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-12.31	6.02	-6.29	6.99	Pass
	6	2437	-8.71	6.02	-2.69	6.99	Pass
	11	2462	-11.24	6.02	-5.22	6.99	Pass
1	1	2412	-10.60	6.02	-4.58	6.99	Pass
	6	2437	-7.22	6.02	-1.20	6.99	Pass
	11	2462	-9.77	6.02	-3.75	6.99	Pass
2	1	2412	-11.22	6.02	-5.20	6.99	Pass
	6	2437	-7.58	6.02	-1.56	6.99	Pass
	11	2462	-10.84	6.02	-4.82	6.99	Pass
3	1	2412	-11.46	6.02	-5.44	6.99	Pass
	6	2437	-8.00	6.02	-1.98	6.99	Pass
	11	2462	-7.40	6.02	-1.38	6.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power density limit shall be reduced to $8-(7.01-6) = 6.99\text{dBm}$.

802.11ax (HE20)

TX chain	Channel	Freq. (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	-12.44	6.02	0.45	-5.97	6.99	Pass
	6	2437	-9.93	6.02	0.45	-3.46	6.99	Pass
	11	2462	-13.20	6.02	0.45	-6.73	6.99	Pass
1	1	2412	-11.21	6.02	0.45	-4.74	6.99	Pass
	6	2437	-7.56	6.02	0.45	-1.09	6.99	Pass
	11	2462	-10.95	6.02	0.45	-4.48	6.99	Pass
2	1	2412	-11.60	6.02	0.45	-5.13	6.99	Pass
	6	2437	-9.20	6.02	0.45	-2.73	6.99	Pass
	11	2462	-11.22	6.02	0.45	-4.75	6.99	Pass
3	1	2412	-11.07	6.02	0.45	-4.60	6.99	Pass
	6	2437	-8.23	6.02	0.45	-1.76	6.99	Pass
	11	2462	-10.07	6.02	0.45	-3.60	6.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power density limit shall be reduced to 8-(7.01-6) = 6.99dBm.

2. Refer to section 2.1 for duty cycle spectrum plot.

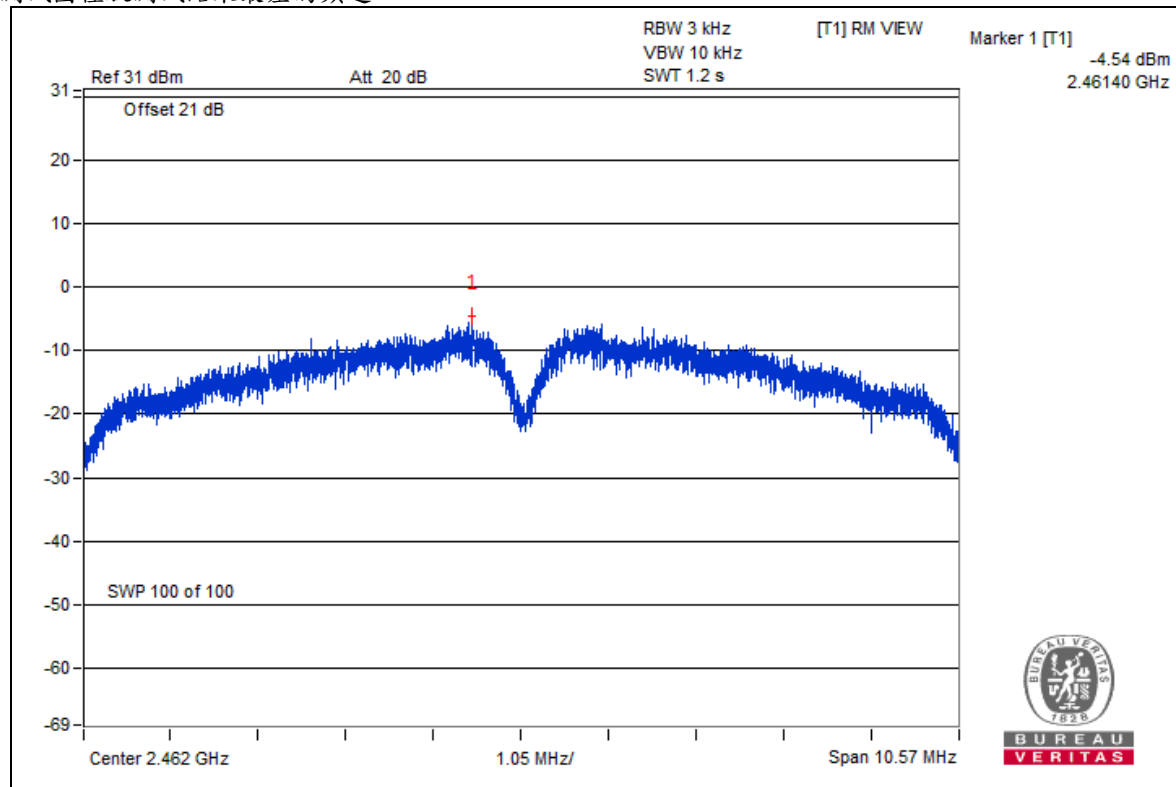
802.11ax (HE40)

TX chain	Channel	Freq. (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	-18.12	6.02	0.19	-11.91	6.99	Pass
	6	2437	-17.82	6.02	0.19	-11.61	6.99	Pass
	9	2452	-17.39	6.02	0.19	-11.18	6.99	Pass
1	3	2422	-18.49	6.02	0.19	-12.28	6.99	Pass
	6	2437	-15.35	6.02	0.19	-9.14	6.99	Pass
	9	2452	-15.62	6.02	0.19	-9.41	6.99	Pass
2	3	2422	-18.29	6.02	0.19	-12.08	6.99	Pass
	6	2437	-15.40	6.02	0.19	-9.19	6.99	Pass
	9	2452	-16.67	6.02	0.19	-10.46	6.99	Pass
3	3	2422	-18.34	6.02	0.19	-12.13	6.99	Pass
	6	2437	-14.02	6.02	0.19	-7.81	6.99	Pass
	9	2452	-16.62	6.02	0.19	-10.41	6.99	Pass

Note: 1. Directional gain = 7.01dBi > 6dBi , so the power density limit shall be reduced to 8-(7.01-6) = 6.99dBm.

2. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



8.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

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。

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

9.3 量測儀器

同 4.3 節

9.4 帶外發射之測試配置

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	
789033 D02 General UNII Test Procedure New Rules v02r01			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 4.7.4.1 節		PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz	技術規範 4.7.4.1 節			
5470~5725 MHz	技術規範 4.7.4.1 節			
5725~5850 MHz	☒	技術規範 4.7.4.2 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}
	☐	技術規範 4.7.4.7 節	適用 3.10.1.5 節帶外發射限制	
^{*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。

9.6 帶外發射之量測結果

9.6.1 發射諧波

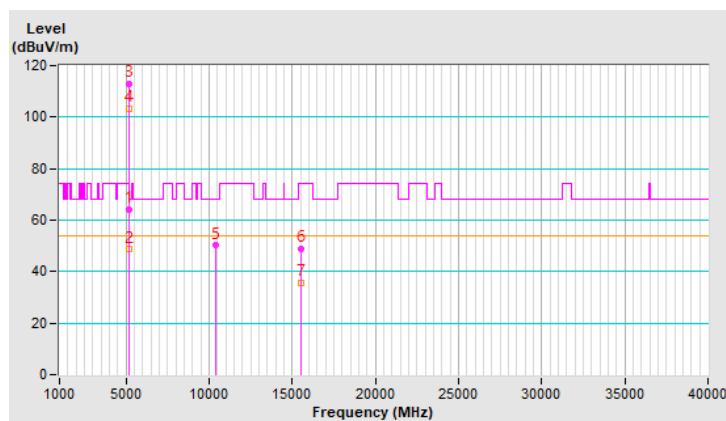
802.11a

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=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	64.2 PK	74.0	-9.8	1.52 H	329	61.5	2.7
2	5150.00	48.6 AV	54.0	-5.4	1.52 H	329	45.9	2.7
3	*5180.00	112.8 PK			1.52 H	329	110.1	2.7
4	*5180.00	103.4 AV			1.52 H	329	100.7	2.7
5	#10360.00	50.1 PK	68.2	-18.1	2.24 H	10	37.5	12.6
6	15540.00	48.9 PK	74.0	-25.1	2.57 H	142	36.1	12.8
7	15540.00	35.6 AV	54.0	-18.4	2.57 H	142	22.8	12.8
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

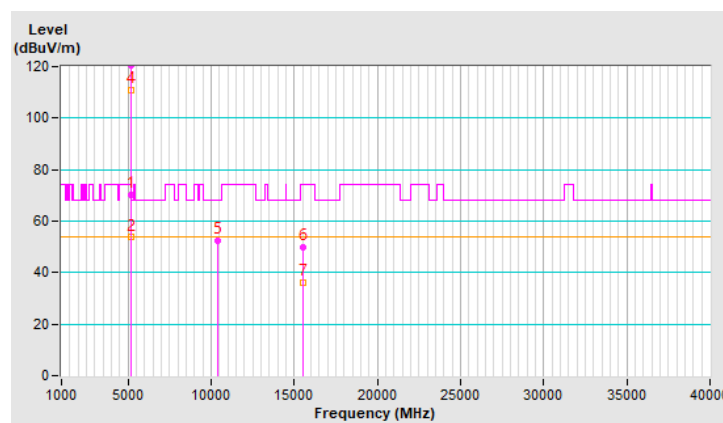


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	70.1 PK	74.0	-3.9	1.95 V	24	67.4	2.7
2	5150.00	53.7 AV	54.0	-0.3	1.95 V	24	51.0	2.7
3	*5180.00	120.4 PK			1.95 V	24	117.7	2.7
4	*5180.00	111.0 AV			1.95 V	24	108.3	2.7
5	#10360.00	52.4 PK	68.2	-15.8	1.39 V	136	39.8	12.6
6	15540.00	49.9 PK	74.0	-24.1	1.78 V	174	37.1	12.8
7	15540.00	36.2 AV	54.0	-17.8	1.78 V	174	23.4	12.8
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

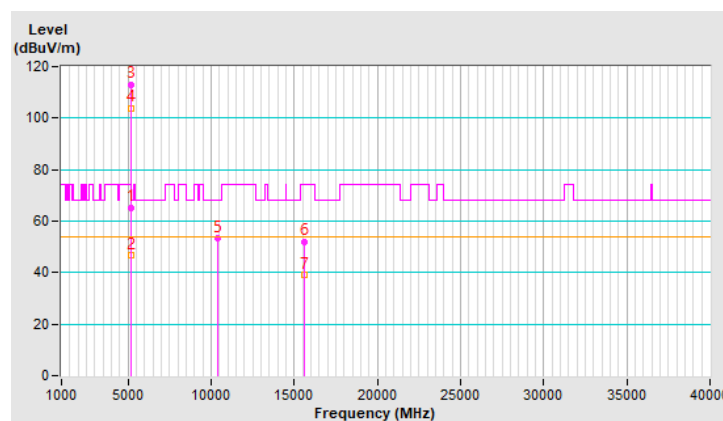


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	65.1 PK	74.0	-8.9	1.55 H	341	62.4	2.7
2	5150.00	46.6 AV	54.0	-7.4	1.55 H	341	43.9	2.7
3	*5200.00	113.1 PK			1.55 H	341	110.4	2.7
4	*5200.00	103.6 AV			1.55 H	341	100.9	2.7
5	#10400.00	53.2 PK	68.2	-15.0	2.21 H	0	40.2	13.0
6	15600.00	51.9 PK	74.0	-22.1	2.56 H	152	39.1	12.8
7	15600.00	38.9 AV	54.0	-15.1	2.56 H	152	26.1	12.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

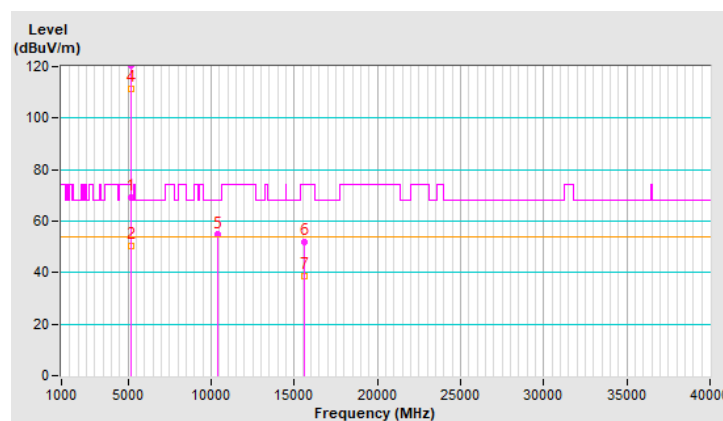


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	69.3 PK	74.0	-4.7	1.95 V	19	66.6	2.7
2	5150.00	50.4 AV	54.0	-3.6	1.95 V	19	47.7	2.7
3	*5200.00	120.7 PK			1.95 V	19	118.0	2.7
4	*5200.00	111.2 AV			1.95 V	19	108.5	2.7
5	#10400.00	54.7 PK	68.2	-13.5	1.40 V	145	41.7	13.0
6	15600.00	51.7 PK	74.0	-22.3	1.77 V	171	38.9	12.8
7	15600.00	38.5 AV	54.0	-15.5	1.77 V	171	25.7	12.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

REMARKS:

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



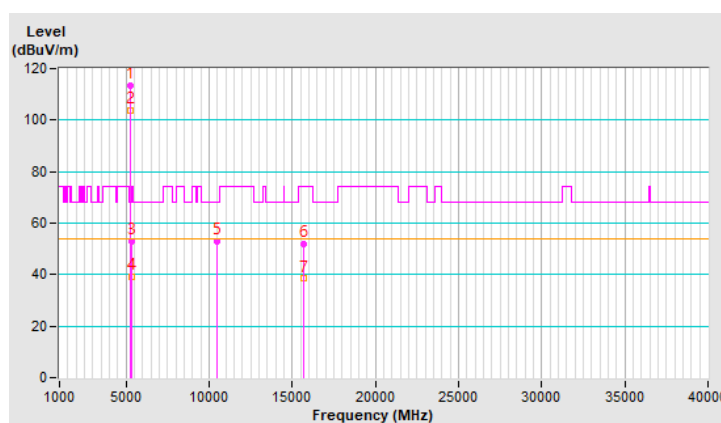
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	113.6 PK			1.51 H	332	111.3	2.3
2	*5240.00	103.9 AV			1.51 H	332	101.6	2.3
3	5350.00	52.8 PK	74.0	-21.2	1.51 H	332	50.2	2.6
4	5350.00	39.1 AV	54.0	-14.9	1.51 H	332	36.5	2.6
5	#10480.00	52.8 PK	68.2	-15.4	2.22 H	12	39.8	13.0
6	15720.00	51.9 PK	74.0	-22.1	2.57 H	150	39.9	12.0
7	15720.00	38.4 AV	54.0	-15.6	2.57 H	150	26.4	12.0
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

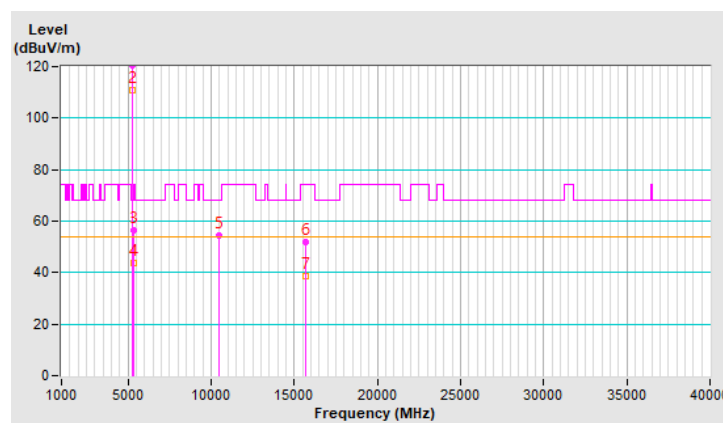


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	120.4 PK			1.89 V	19	118.1	2.3
2	*5240.00	111.0 AV			1.89 V	19	108.7	2.3
3	5350.00	56.6 PK	74.0	-17.4	1.89 V	19	54.0	2.6
4	5350.00	43.6 AV	54.0	-10.4	1.89 V	19	41.0	2.6
5	#10480.00	54.5 PK	68.2	-13.7	1.45 V	149	41.5	13.0
6	15720.00	52.0 PK	74.0	-22.0	1.78 V	174	40.0	12.0
7	15720.00	38.8 AV	54.0	-15.2	1.78 V	174	26.8	12.0
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

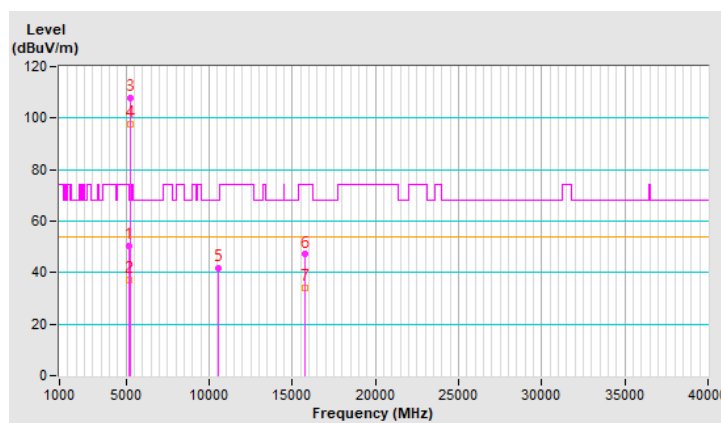


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	50.4 PK	74.0	-23.6	1.53 H	310	47.7	2.7
2	5150.00	37.2 AV	54.0	-16.8	1.53 H	310	34.5	2.7
3	*5260.00	107.8 PK			1.53 H	310	105.5	2.3
4	*5260.00	97.8 AV			1.53 H	310	95.5	2.3
5	#10520.00	41.8 PK	68.2	-26.4	1.72 H	27	28.8	13.0
6	15780.00	47.1 PK	74.0	-26.9	1.65 H	34	35.1	12.0
7	15780.00	34.3 AV	54.0	-19.7	1.65 H	34	22.3	12.0
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

REMARKS:

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



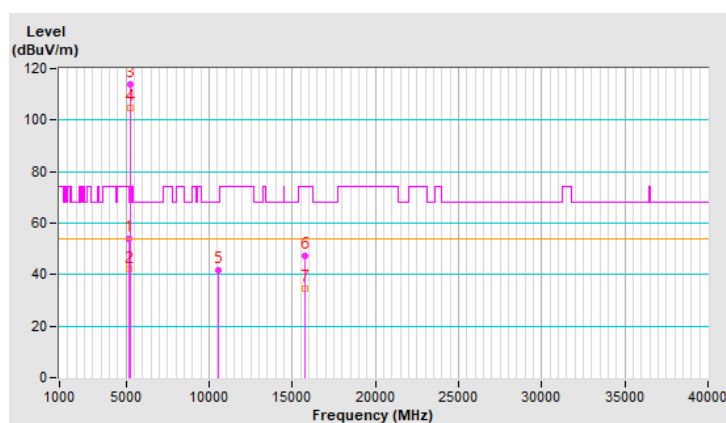
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	53.8 PK	74.0	-20.2	1.47 V	19	51.1	2.7
2	5150.00	42.0 AV	54.0	-12.0	1.47 V	19	39.3	2.7
3	*5260.00	114.1 PK			1.47 V	19	111.8	2.3
4	*5260.00	105.0 AV			1.47 V	19	102.7	2.3
5	#10520.00	41.7 PK	68.2	-26.5	1.50 V	32	28.7	13.0
6	15780.00	47.5 PK	74.0	-26.5	1.57 V	14	35.5	12.0
7	15780.00	34.6 AV	54.0	-19.4	1.57 V	14	22.6	12.0
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

REMARKS:

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



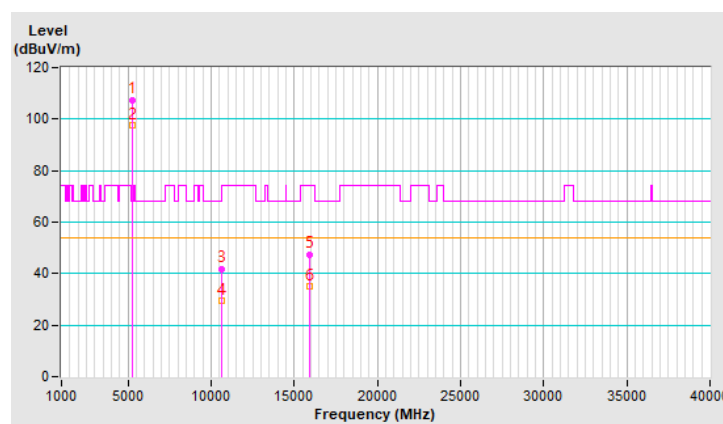
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	107.5 PK			1.47 H	308	105.1	2.4
2	*5300.00	97.4 AV			1.47 H	308	95.0	2.4
3	10600.00	41.8 PK	74.0	-32.2	1.72 H	30	29.1	12.7
4	10600.00	29.3 AV	54.0	-24.7	1.72 H	30	16.6	12.7
5	15900.00	47.5 PK	74.0	-26.5	1.62 H	46	35.4	12.1
6	15900.00	34.9 AV	54.0	-19.1	1.62 H	46	22.8	12.1
7	21200.00	-	-	-	-	-	-	-
8	#26500.00	-	-	-	-	-	-	-
9	31800.00	-	-	-	-	-	-	-
10	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

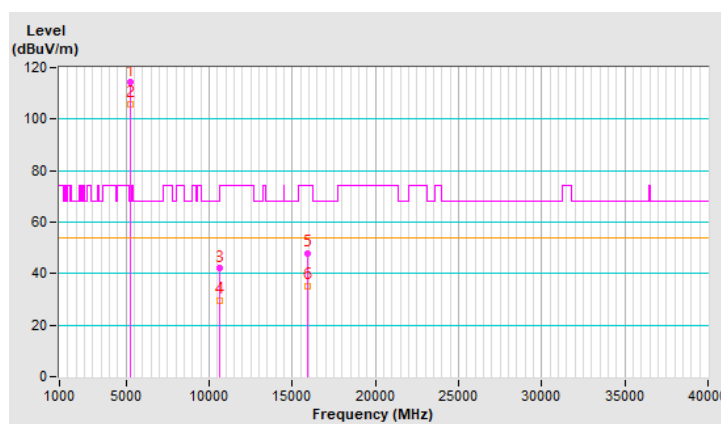


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	114.2 PK			1.30 V	14	111.8	2.4
2	*5300.00	105.6 AV			1.30 V	14	103.2	2.4
3	10600.00	42.0 PK	74.0	-32.0	1.50 V	20	29.3	12.7
4	10600.00	29.4 AV	54.0	-24.6	1.50 V	20	16.7	12.7
5	15900.00	47.7 PK	74.0	-26.3	1.53 V	30	35.6	12.1
6	15900.00	35.0 AV	54.0	-19.0	1.53 V	30	22.9	12.1
7	21200.00	-	-	-	-	-	-	-
8	#26500.00	-	-	-	-	-	-	-
9	31800.00	-	-	-	-	-	-	-
10	#37100.00	-	-	-	-	-	-	-

REMARKS:

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



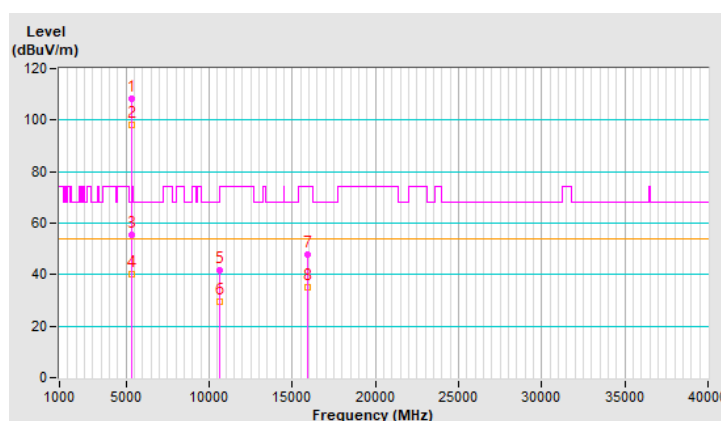
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	108.2 PK			1.46 H	298	105.6	2.6
2	*5320.00	98.1 AV			1.46 H	298	95.5	2.6
3	5350.00	55.3 PK	74.0	-18.7	1.46 H	360	52.7	2.6
4	5350.00	40.3 AV	54.0	-13.7	1.46 H	360	37.7	2.6
5	10640.00	41.8 PK	74.0	-32.2	1.69 H	18	29.0	12.8
6	10640.00	29.4 AV	54.0	-24.6	1.69 H	18	16.6	12.8
7	15960.00	47.8 PK	74.0	-26.2	1.59 H	44	35.4	12.4
8	15960.00	35.0 AV	54.0	-19.0	1.59 H	44	22.6	12.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

REMARKS:

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

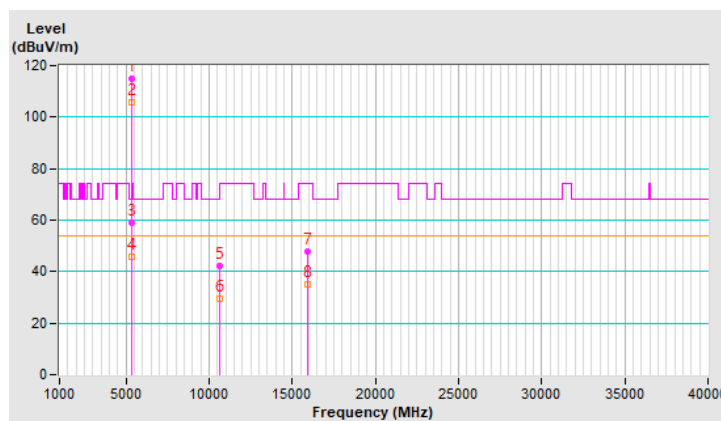


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	115.1 PK			1.49 V	12	112.5	2.6
2	*5320.00	105.9 AV			1.49 V	12	103.3	2.6
3	5350.00	58.9 PK	74.0	-15.1	1.49 V	12	56.3	2.6
4	5350.00	45.6 AV	54.0	-8.4	1.49 V	12	43.0	2.6
5	10640.00	42.2 PK	74.0	-31.8	1.53 V	22	29.4	12.8
6	10640.00	29.5 AV	54.0	-24.5	1.53 V	22	16.7	12.8
7	15960.00	47.8 PK	74.0	-26.2	1.48 V	25	35.4	12.4
8	15960.00	35.3 AV	54.0	-18.7	1.48 V	25	22.9	12.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

REMARKS:

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

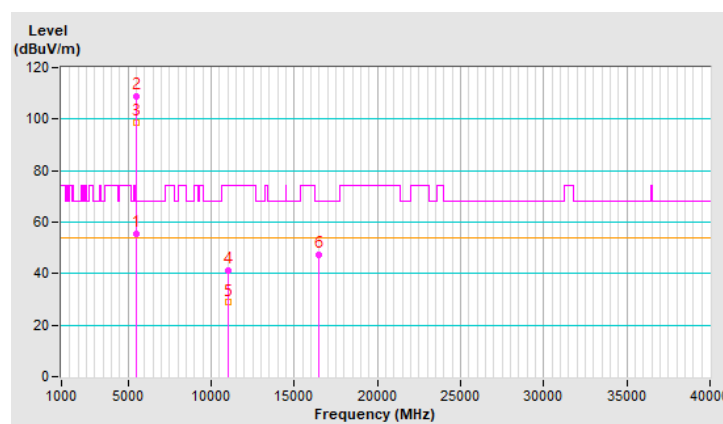


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	55.4 PK	68.2	-12.8	1.46 H	292	52.5	2.9
2	*5500.00	108.9 PK			1.46 H	292	106.1	2.8
3	*5500.00	98.6 AV			1.46 H	292	95.8	2.8
4	11000.00	41.4 PK	74.0	-32.6	1.71 H	2	27.8	13.6
5	11000.00	28.8 AV	54.0	-25.2	1.71 H	2	15.2	13.6
6	#16500.00	47.5 PK	68.2	-20.7	1.62 H	38	32.8	14.7
7	#22000.00	-	-	-	-	-	-	-
8	#27500.00	-	-	-	-	-	-	-
9	#33000.00	-	-	-	-	-	-	-
10	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

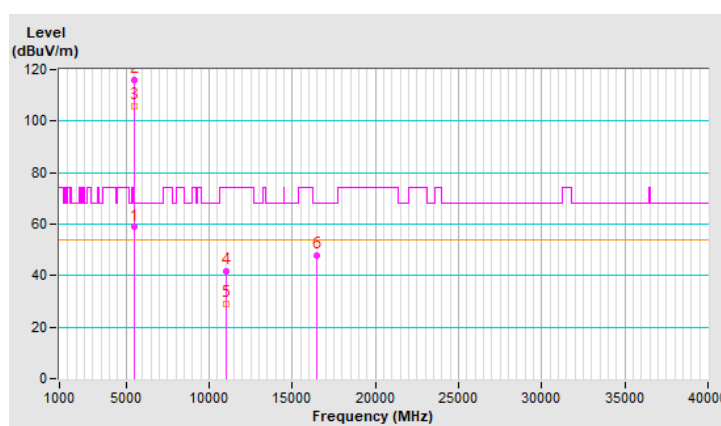


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	1.44 V	352	55.9	2.9
2	*5500.00	115.9 PK			1.44 V	352	113.1	2.8
3	*5500.00	105.7 AV			1.44 V	352	102.9	2.8
4	11000.00	41.7 PK	74.0	-32.3	1.55 V	28	28.1	13.6
5	11000.00	29.0 AV	54.0	-25.0	1.55 V	28	15.4	13.6
6	#16500.00	47.7 PK	68.2	-20.5	1.43 V	36	33.0	14.7
7	#22000.00	-	-	-	-	-	-	-
8	#27500.00	-	-	-	-	-	-	-
9	#33000.00	-	-	-	-	-	-	-
10	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

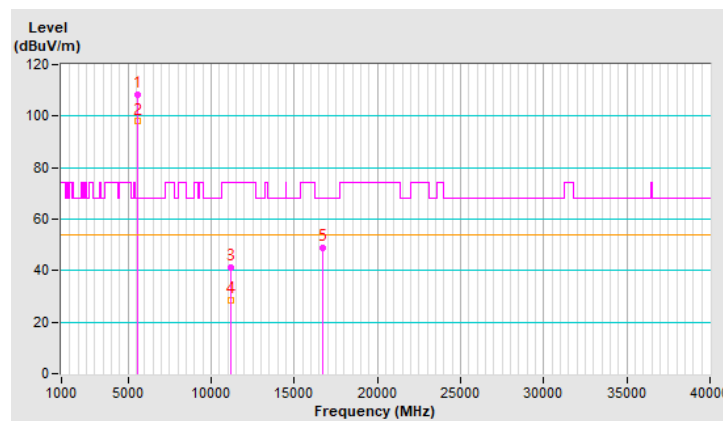


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	108.3 PK			1.51 H	299	105.4	2.9
2	*5580.00	97.9 AV			1.51 H	299	95.0	2.9
3	11160.00	41.3 PK	74.0	-32.7	1.70 H	3	28.2	13.1
4	11160.00	28.4 AV	54.0	-25.6	1.70 H	3	15.3	13.1
5	#16740.00	48.9 PK	68.2	-19.3	1.64 H	28	32.8	16.1
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

REMARKS:

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

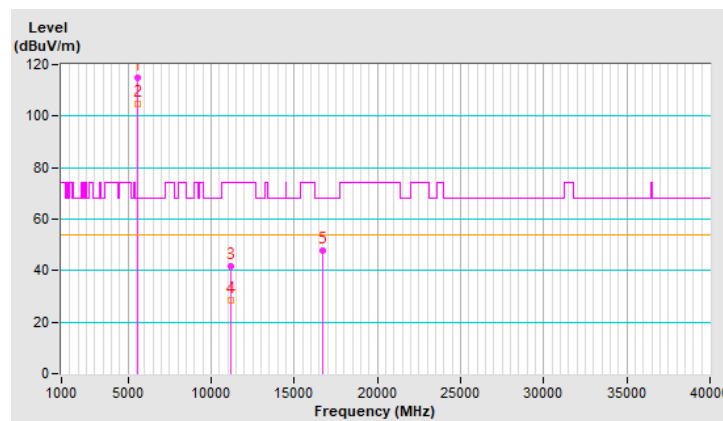


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	114.9 PK			1.44 V	351	112.0	2.9
2	*5580.00	105.0 AV			1.44 V	351	102.1	2.9
3	11160.00	41.6 PK	74.0	-32.4	1.51 V	38	28.5	13.1
4	11160.00	28.6 AV	54.0	-25.4	1.51 V	38	15.5	13.1
5	#16740.00	48.0 PK	68.2	-20.2	1.41 V	44	31.9	16.1
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

REMARKS:

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

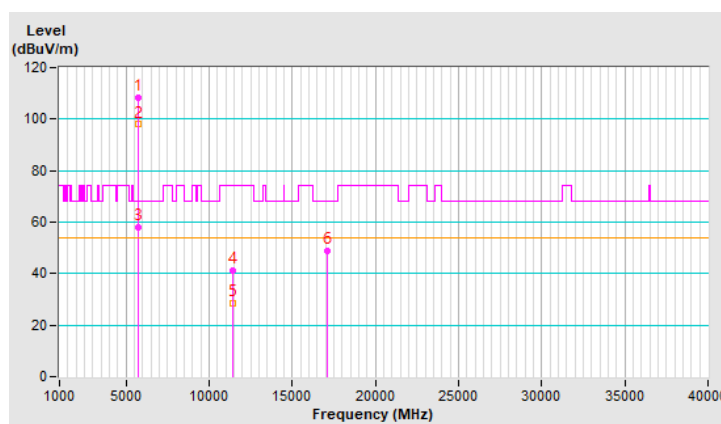


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	108.3 PK			1.50 H	306	105.0	3.3
2	*5700.00	97.9 AV			1.50 H	306	94.6	3.3
3	#5725.00	57.8 PK	68.2	-10.4	1.50 H	306	54.6	3.2
4	11400.00	41.2 PK	74.0	-32.8	1.68 H	6	27.7	13.5
5	11400.00	28.4 AV	54.0	-25.6	1.68 H	6	14.9	13.5
6	#17100.00	49.0 PK	68.2	-19.2	1.64 H	17	32.8	16.2
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

REMARKS:

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

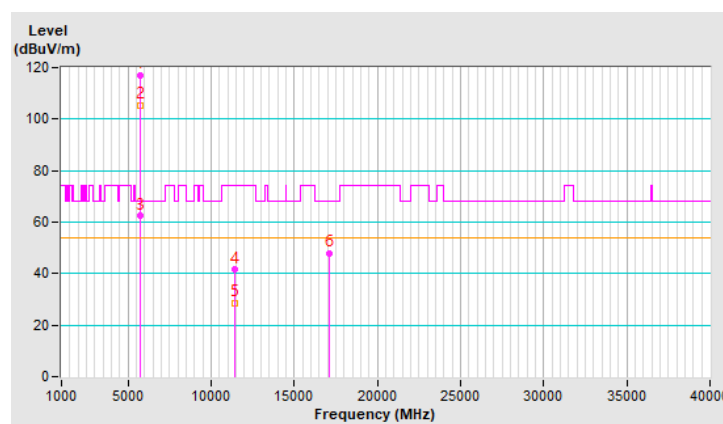


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	117.2 PK			1.47 V	358	113.9	3.3
2	*5700.00	105.4 AV			1.47 V	358	102.1	3.3
3	#5725.00	62.3 PK	68.2	-5.9	1.47 V	358	59.1	3.2
4	11400.00	41.5 PK	74.0	-32.5	1.47 V	37	28.0	13.5
5	11400.00	28.6 AV	54.0	-25.4	1.47 V	37	15.1	13.5
6	#17100.00	48.0 PK	68.2	-20.2	1.39 V	60	31.8	16.2
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

REMARKS:

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

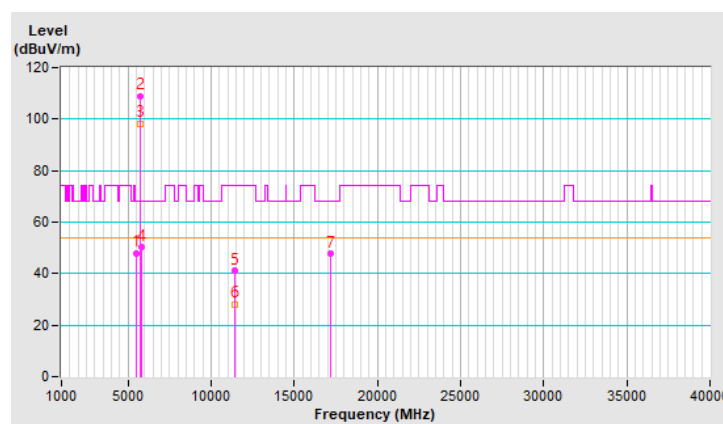


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144 : 5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	47.8 PK	68.2	-20.4	1.46 H	315	44.9	2.9
2	*5720.00	108.9 PK			1.46 H	315	105.6	3.3
3	*5720.00	98.3 AV			1.46 H	315	95.0	3.3
4	#5850.00	50.1 PK	68.2	-18.1	1.46 H	315	46.4	3.7
5	11440.00	41.0 PK	74.0	-33.0	1.65 H	21	27.6	13.4
6	11440.00	28.1 AV	54.0	-25.9	1.65 H	21	14.7	13.4
7	#17160.00	47.6 PK	68.2	-20.6	1.69 H	28	31.3	16.3
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

REMARKS:

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

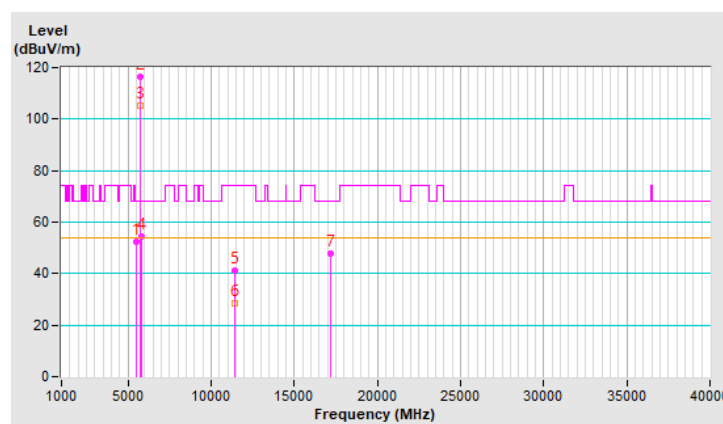


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144 : 5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	52.4 PK	68.2	-15.8	1.47 V	354	49.5	2.9
2	*5720.00	116.6 PK			1.47 V	354	113.3	3.3
3	*5720.00	105.2 AV			1.47 V	354	101.9	3.3
4	#5850.00	54.3 PK	68.2	-13.9	1.47 V	354	50.6	3.7
5	11440.00	41.3 PK	74.0	-32.7	1.46 V	29	27.9	13.4
6	11440.00	28.6 AV	54.0	-25.4	1.46 V	29	15.2	13.4
7	#17160.00	48.0 PK	68.2	-20.2	1.34 V	76	31.7	16.3
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

REMARKS:

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

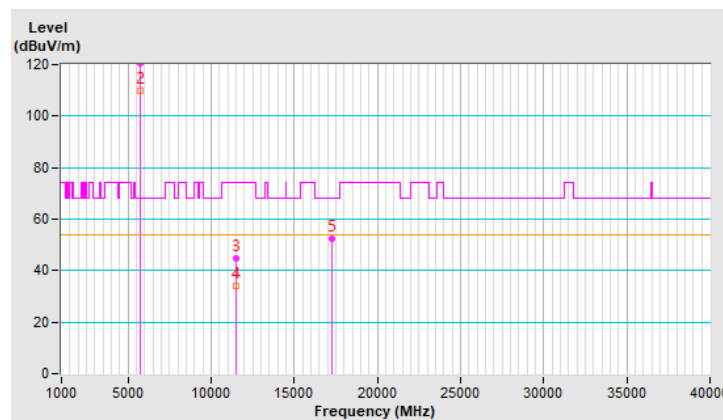


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	120.3 PK			2.09 H	210	117.0	3.3
2	*5745.00	109.7 AV			2.09 H	210	106.4	3.3
3	11490.00	44.9 PK	74.0	-29.1	1.21 H	41	31.6	13.3
4	11490.00	33.9 AV	54.0	-20.1	1.21 H	41	20.6	13.3
5	#17235.00	52.5 PK	68.2	-15.7	3.06 H	25	36.0	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

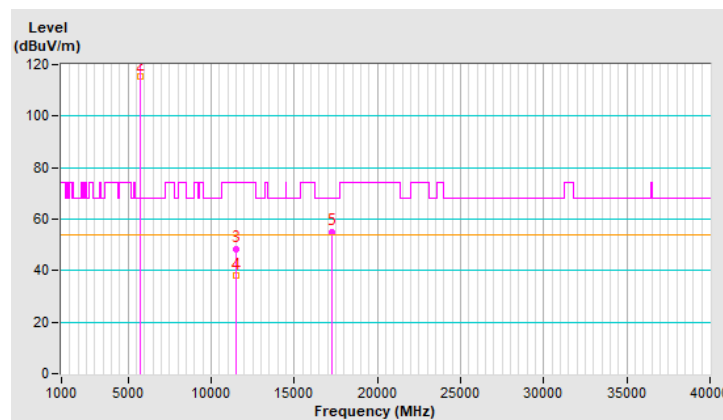


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	124.9 PK			1.67 V	173	121.6	3.3
2	*5745.00	115.2 AV			1.67 V	173	111.9	3.3
3	11490.00	48.3 PK	74.0	-25.7	1.02 V	16	35.0	13.3
4	11490.00	37.9 AV	54.0	-16.1	1.02 V	16	24.6	13.3
5	#17235.00	55.1 PK	68.2	-13.1	3.49 V	230	38.6	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

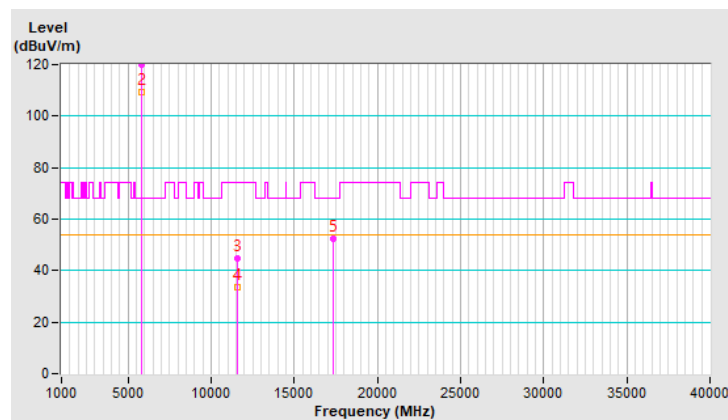


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	120.1 PK			2.17 H	227	116.7	3.4
2	*5785.00	109.4 AV			2.17 H	227	106.0	3.4
3	11570.00	44.9 PK	74.0	-29.1	1.24 H	40	31.9	13.0
4	11570.00	33.6 AV	54.0	-20.4	1.24 H	40	20.6	13.0
5	#17355.00	52.4 PK	68.2	-15.8	3.10 H	35	35.3	17.1
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

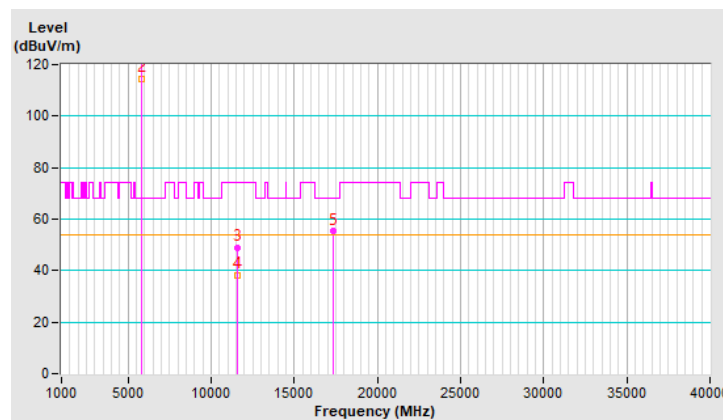


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	124.9 PK			1.71 V	173	121.5	3.4
2	*5785.00	114.5 AV			1.71 V	173	111.1	3.4
3	11570.00	48.8 PK	74.0	-25.2	1.04 V	9	35.8	13.0
4	11570.00	38.3 AV	54.0	-15.7	1.04 V	9	25.3	13.0
5	#17355.00	55.2 PK	68.2	-13.0	3.45 V	233	38.1	17.1
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

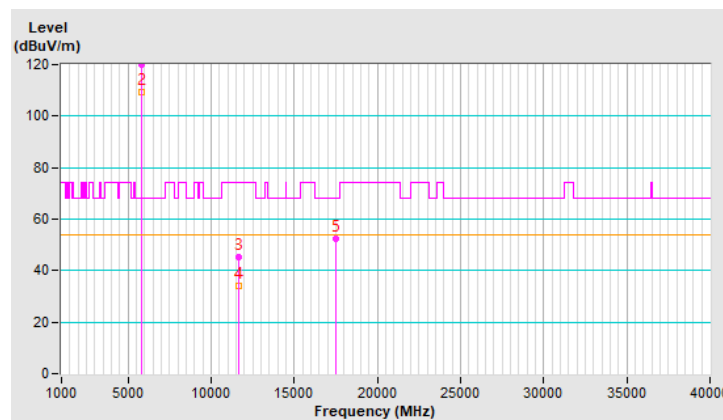


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	119.8 PK			2.15 H	237	116.2	3.6
2	*5825.00	109.3 AV			2.15 H	237	105.7	3.6
3	11650.00	45.5 PK	74.0	-28.5	1.23 H	28	32.6	12.9
4	11650.00	34.1 AV	54.0	-19.9	1.23 H	28	21.2	12.9
5	#17475.00	52.6 PK	68.2	-15.6	3.08 H	49	34.2	18.4
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

REMARKS:

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

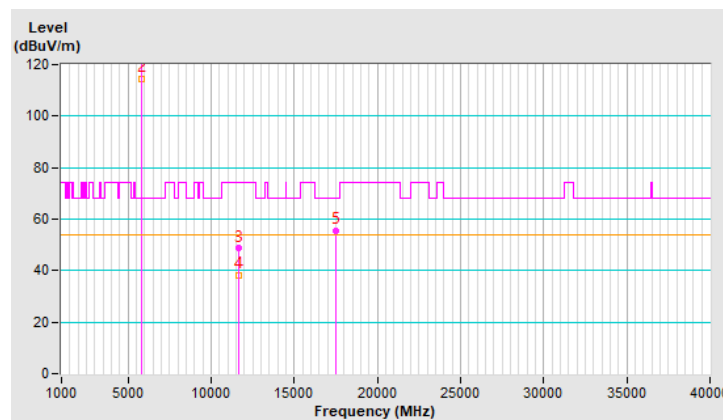


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	124.7 PK			1.62 V	170	121.1	3.6
2	*5825.00	114.4 AV			1.62 V	170	110.8	3.6
3	11650.00	48.6 PK	74.0	-25.4	1.03 V	6	35.7	12.9
4	11650.00	38.1 AV	54.0	-15.9	1.03 V	6	25.2	12.9
5	#17475.00	55.4 PK	68.2	-12.8	3.43 V	220	37.0	18.4
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

REMARKS:

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



802.11ax (HE20)

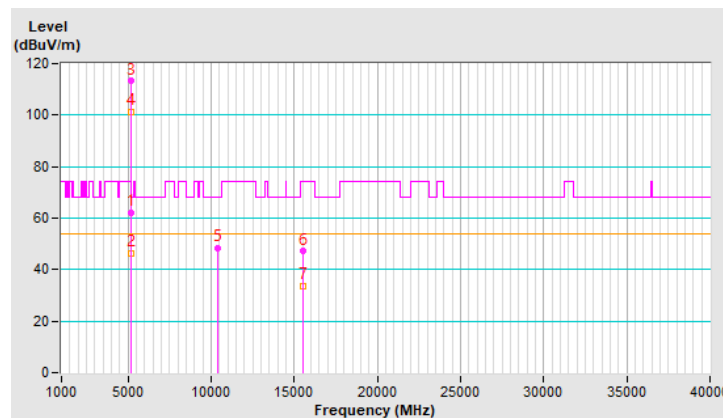
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	62.2 PK	74.0	-11.8	1.55 H	310	59.5	2.7
2	5150.00	46.2 AV	54.0	-7.8	1.55 H	310	43.5	2.7
3	*5180.00	113.2 PK			1.55 H	310	110.5	2.7
4	*5180.00	101.1 AV			1.55 H	310	98.4	2.7
5	#10360.00	48.2 PK	68.2	-20.0	2.28 H	22	35.6	12.6
6	15540.00	47.1 PK	74.0	-26.9	2.54 H	145	34.3	12.8
7	15540.00	33.7 AV	54.0	-20.3	2.54 H	145	20.9	12.8
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

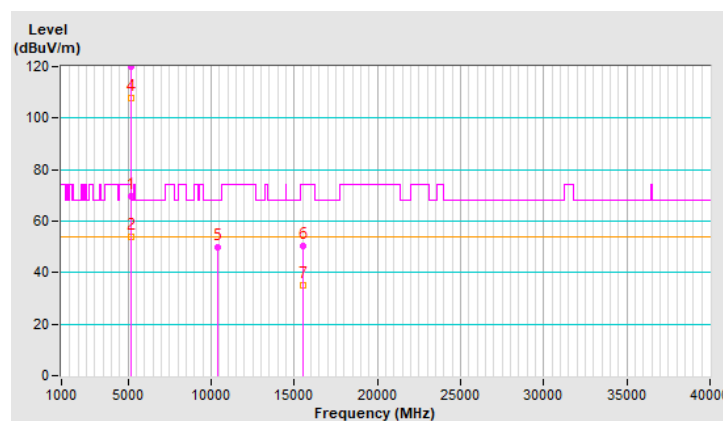


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	69.9 PK	74.0	-4.1	1.60 V	21	67.2	2.7
2	5150.00	53.9 AV	54.0	-0.1	1.60 V	21	51.2	2.7
3	*5180.00	119.9 PK			1.60 V	21	117.2	2.7
4	*5180.00	108.0 AV			1.60 V	21	105.3	2.7
5	#10360.00	50.0 PK	68.2	-18.2	1.44 V	122	37.4	12.6
6	15540.00	50.3 PK	74.0	-23.7	1.77 V	183	37.5	12.8
7	15540.00	35.1 AV	54.0	-18.9	1.77 V	183	22.3	12.8
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

REMARKS:

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



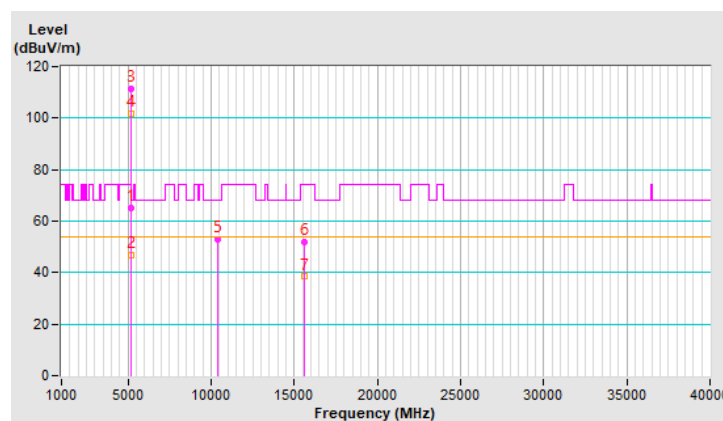
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	65.3 PK	74.0	-8.7	1.49 H	300	62.6	2.7
2	5150.00	46.7 AV	54.0	-7.3	1.49 H	300	44.0	2.7
3	*5200.00	111.4 PK			1.49 H	300	108.7	2.7
4	*5200.00	101.6 AV			1.49 H	300	98.9	2.7
5	#10400.00	52.9 PK	68.2	-15.3	2.25 H	14	39.9	13.0
6	15600.00	51.9 PK	74.0	-22.1	2.51 H	159	39.1	12.8
7	15600.00	38.4 AV	54.0	-15.6	2.51 H	159	25.6	12.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

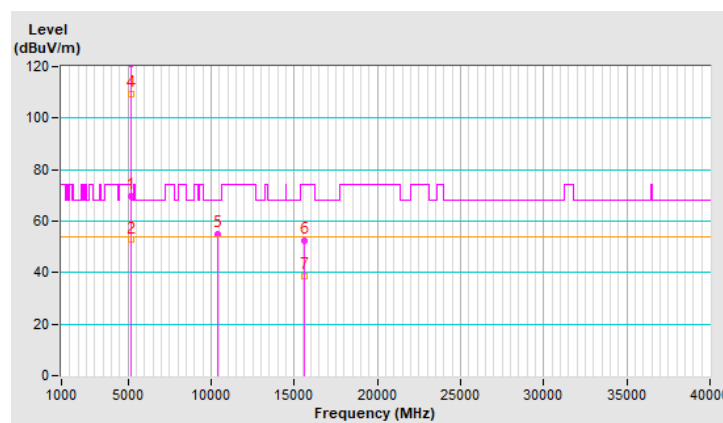


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	69.5 PK	74.0	-4.5	1.91 V	20	66.8	2.7
2	5150.00	52.7 AV	54.0	-1.3	1.91 V	20	50.0	2.7
3	*5200.00	120.9 PK			1.91 V	20	118.2	2.7
4	*5200.00	109.4 AV			1.91 V	20	106.7	2.7
5	#10400.00	54.9 PK	68.2	-13.3	1.34 V	161	41.9	13.0
6	15600.00	52.3 PK	74.0	-21.7	1.81 V	179	39.5	12.8
7	15600.00	38.8 AV	54.0	-15.2	1.81 V	179	26.0	12.8
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

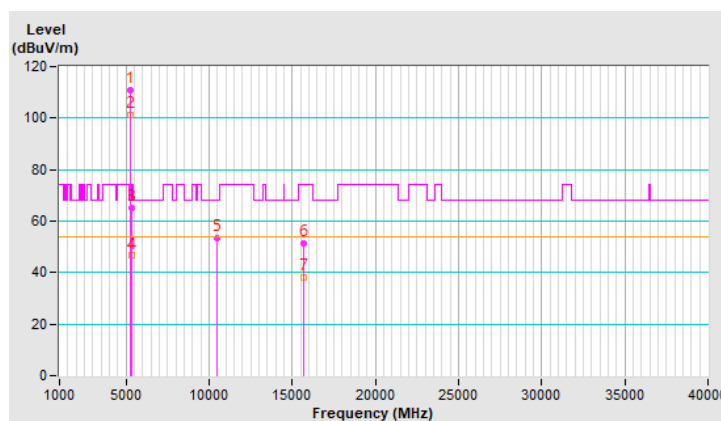


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	111.0 PK			1.45 H	304	108.7	2.3
2	*5240.00	101.4 AV			1.45 H	304	99.1	2.3
3	5350.00	65.3 PK	74.0	-8.7	1.45 H	304	62.7	2.6
4	5350.00	46.6 AV	54.0	-7.4	1.45 H	304	44.0	2.6
5	#10480.00	53.4 PK	68.2	-14.8	2.22 H	14	40.4	13.0
6	15720.00	51.5 PK	74.0	-22.5	2.48 H	158	39.5	12.0
7	15720.00	38.1 AV	54.0	-15.9	2.48 H	158	26.1	12.0
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

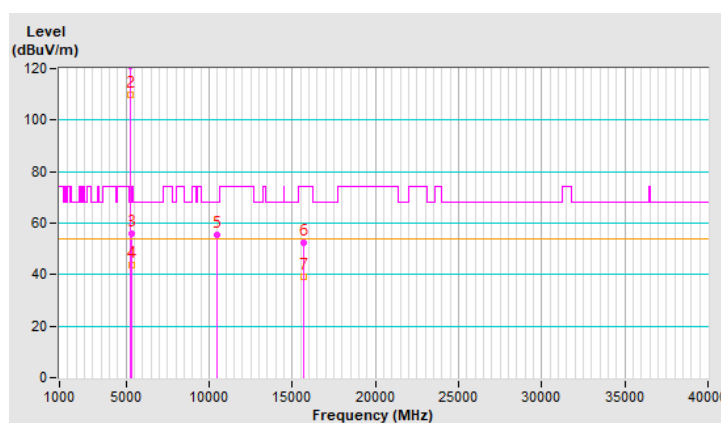


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	121.1 PK			1.84 V	18	118.8	2.3
2	*5240.00	109.7 AV			1.84 V	18	107.4	2.3
3	5350.00	55.8 PK	74.0	-18.2	1.84 V	18	53.2	2.6
4	5350.00	43.7 AV	54.0	-10.3	1.84 V	18	41.1	2.6
5	#10480.00	55.4 PK	68.2	-12.8	1.30 V	155	42.4	13.0
6	15720.00	52.3 PK	74.0	-21.7	1.80 V	190	40.3	12.0
7	15720.00	39.1 AV	54.0	-14.9	1.80 V	190	27.1	12.0
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

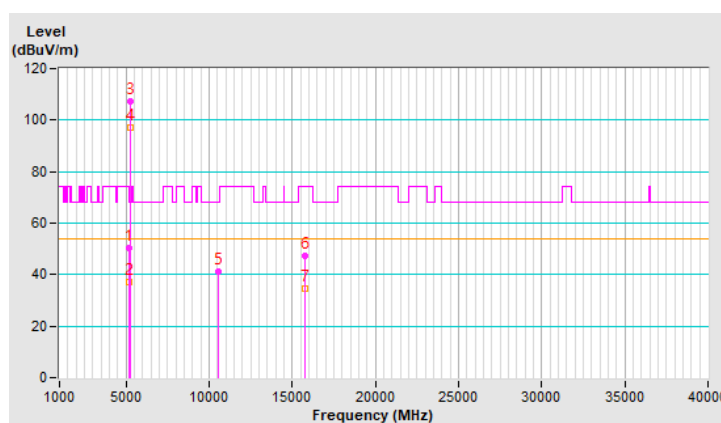


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	50.5 PK	74.0	-23.5	1.58 H	321	47.8	2.7
2	5150.00	37.2 AV	54.0	-16.8	1.58 H	321	34.5	2.7
3	*5260.00	107.3 PK			1.58 H	321	105.0	2.3
4	*5260.00	97.1 AV			1.58 H	321	94.8	2.3
5	#10520.00	41.3 PK	68.2	-26.9	1.66 H	34	28.3	13.0
6	15780.00	47.4 PK	74.0	-26.6	1.69 H	32	35.4	12.0
7	15780.00	34.5 AV	54.0	-19.5	1.69 H	32	22.5	12.0
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

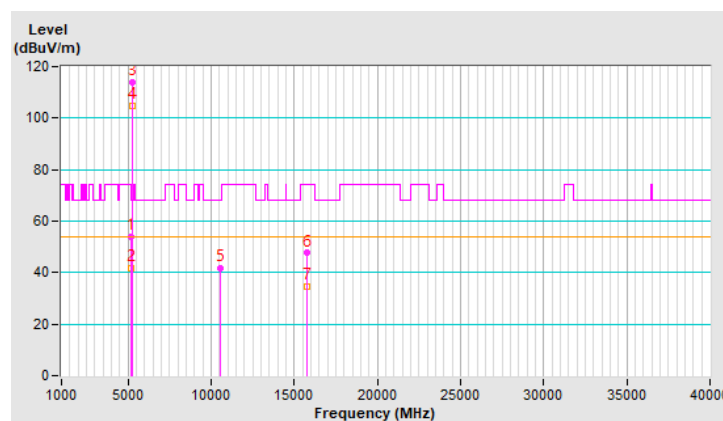


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	54.1 PK	74.0	-19.9	1.51 V	18	51.4	2.7
2	5150.00	41.9 AV	54.0	-12.1	1.51 V	18	39.2	2.7
3	*5260.00	114.1 PK			1.51 V	18	111.8	2.3
4	*5260.00	105.0 AV			1.51 V	18	102.7	2.3
5	#10520.00	41.9 PK	68.2	-26.3	1.55 V	27	28.9	13.0
6	15780.00	47.6 PK	74.0	-26.4	1.54 V	1	35.6	12.0
7	15780.00	34.8 AV	54.0	-19.2	1.54 V	1	22.8	12.0
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

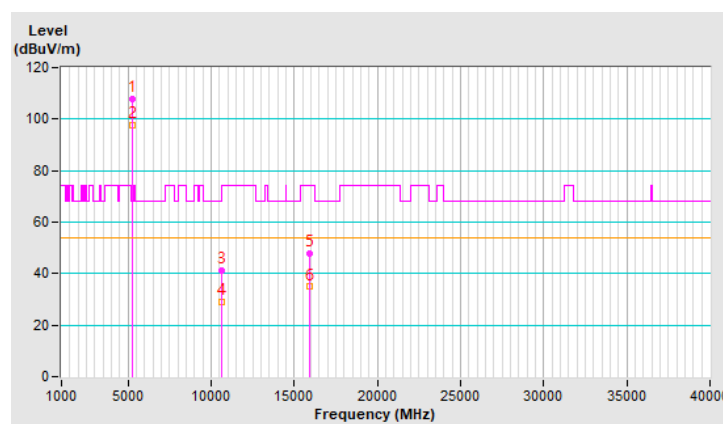


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	107.8 PK			1.60 H	308	105.4	2.4
2	*5300.00	97.7 AV			1.60 H	308	95.3	2.4
3	10600.00	41.2 PK	74.0	-32.8	1.63 H	45	28.5	12.7
4	10600.00	29.0 AV	54.0	-25.0	1.63 H	45	16.3	12.7
5	15900.00	47.9 PK	74.0	-26.1	1.64 H	25	35.8	12.1
6	15900.00	34.9 AV	54.0	-19.1	1.64 H	25	22.8	12.1
7	21200.00	-	-	-	-	-	-	-
8	#26500.00	-	-	-	-	-	-	-
9	31800.00	-	-	-	-	-	-	-
10	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

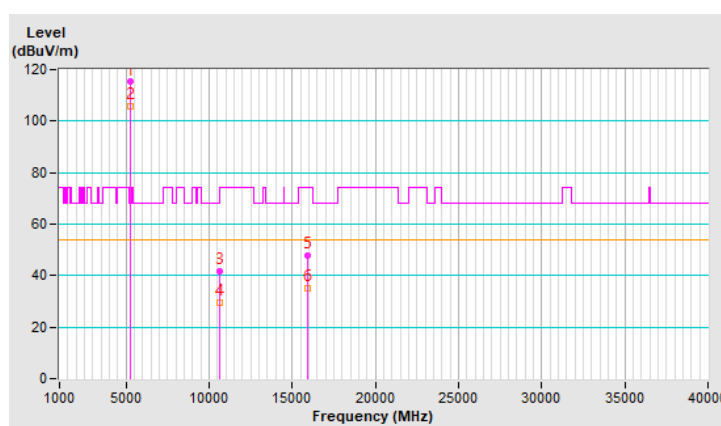


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	115.2 PK			1.52 V	20	112.8	2.4
2	*5300.00	105.6 AV			1.52 V	20	103.2	2.4
3	10600.00	41.9 PK	74.0	-32.1	1.60 V	38	29.2	12.7
4	10600.00	29.6 AV	54.0	-24.4	1.60 V	38	16.9	12.7
5	15900.00	47.8 PK	74.0	-26.2	1.51 V	8	35.7	12.1
6	15900.00	35.0 AV	54.0	-19.0	1.51 V	8	22.9	12.1
7	21200.00	-	-	-	-	-	-	-
8	#26500.00	-	-	-	-	-	-	-
9	31800.00	-	-	-	-	-	-	-
10	#37100.00	-	-	-	-	-	-	-

REMARKS:

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



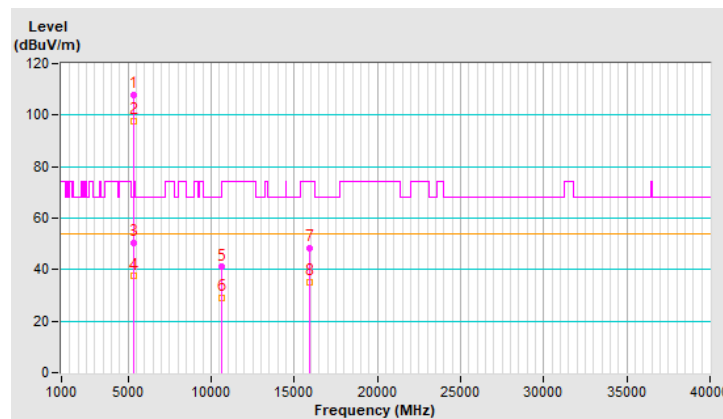
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	107.7 PK			1.59 H	301	105.1	2.6
2	*5320.00	97.8 AV			1.59 H	301	95.2	2.6
3	5350.00	50.4 PK	74.0	-23.6	1.59 H	301	47.8	2.6
4	5350.00	37.4 AV	54.0	-16.6	1.59 H	301	34.8	2.6
5	10640.00	41.0 PK	74.0	-33.0	1.67 H	61	28.2	12.8
6	10640.00	28.9 AV	54.0	-25.1	1.67 H	61	16.1	12.8
7	15960.00	48.2 PK	74.0	-25.8	1.70 H	28	35.8	12.4
8	15960.00	35.2 AV	54.0	-18.8	1.70 H	28	22.8	12.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

REMARKS:

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

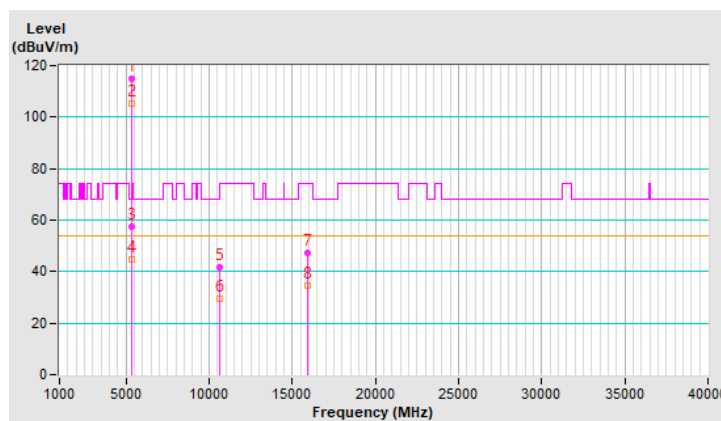


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	115.1 PK			1.51 V	20	112.5	2.6
2	*5320.00	105.4 AV			1.51 V	20	102.8	2.6
3	5350.00	57.3 PK	74.0	-16.7	1.51 V	20	54.7	2.6
4	5350.00	44.6 AV	54.0	-9.4	1.51 V	20	42.0	2.6
5	10640.00	41.7 PK	74.0	-32.3	1.62 V	24	28.9	12.8
6	10640.00	29.4 AV	54.0	-24.6	1.62 V	24	16.6	12.8
7	15960.00	47.3 PK	74.0	-26.7	1.56 V	14	34.9	12.4
8	15960.00	34.6 AV	54.0	-19.4	1.56 V	14	22.2	12.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

REMARKS:

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

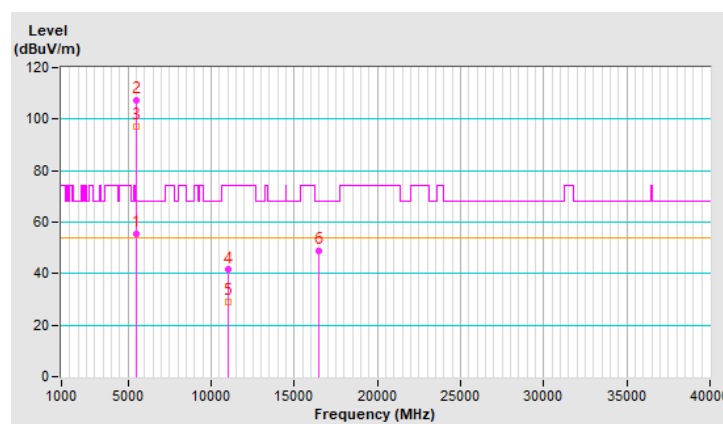


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	55.6 PK	68.2	-12.6	1.62 H	306	52.7	2.9
2	*5500.00	107.2 PK			1.62 H	306	104.4	2.8
3	*5500.00	97.0 AV			1.62 H	306	94.2	2.8
4	11000.00	41.5 PK	74.0	-32.5	1.65 H	48	27.9	13.6
5	11000.00	29.2 AV	54.0	-24.8	1.65 H	48	15.6	13.6
6	#16500.00	48.7 PK	68.2	-19.5	1.72 H	26	34.0	14.7
7	#22000.00	-	-	-	-	-	-	-
8	#27500.00	-	-	-	-	-	-	-
9	#33000.00	-	-	-	-	-	-	-
10	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

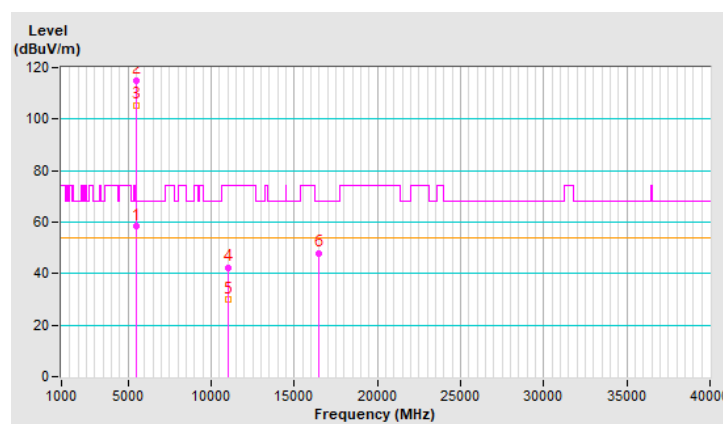


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	58.3 PK	68.2	-9.9	1.48 V	23	55.4	2.9
2	*5500.00	115.0 PK			1.48 V	23	112.2	2.8
3	*5500.00	105.5 AV			1.48 V	23	102.7	2.8
4	11000.00	42.3 PK	74.0	-31.7	1.66 V	38	28.7	13.6
5	11000.00	29.8 AV	54.0	-24.2	1.66 V	38	16.2	13.6
6	#16500.00	48.0 PK	68.2	-20.2	1.59 V	6	33.3	14.7
7	#22000.00	-	-	-	-	-	-	-
8	#27500.00	-	-	-	-	-	-	-
9	#33000.00	-	-	-	-	-	-	-
10	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

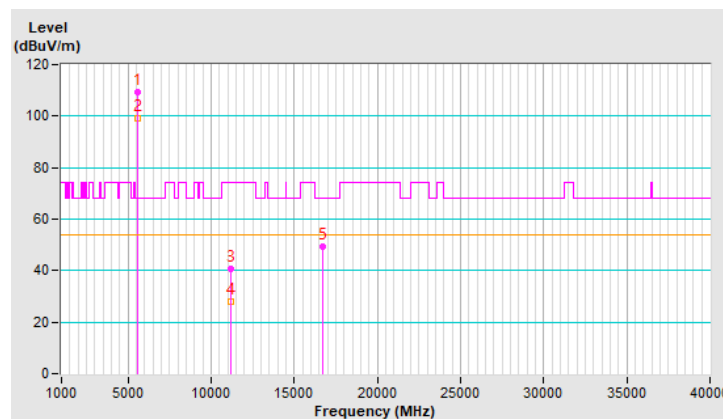


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 116 : 5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	109.3 PK			1.55 H	312	106.4	2.9
2	*5580.00	99.0 AV			1.55 H	312	96.1	2.9
3	11160.00	40.7 PK	74.0	-33.3	1.73 H	1	27.6	13.1
4	11160.00	27.9 AV	54.0	-26.1	1.73 H	1	14.8	13.1
5	#16740.00	49.3 PK	68.2	-18.9	1.61 H	16	33.2	16.1
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

REMARKS:

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

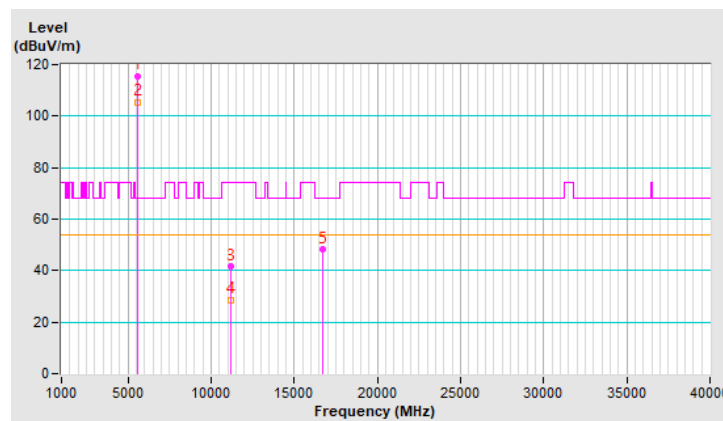


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 116 : 5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	115.3 PK			1.45 V	349	112.4	2.9
2	*5580.00	105.5 AV			1.45 V	349	102.6	2.9
3	11160.00	41.5 PK	74.0	-32.5	1.55 V	39	28.4	13.1
4	11160.00	28.7 AV	54.0	-25.3	1.55 V	39	15.6	13.1
5	#16740.00	48.1 PK	68.2	-20.1	1.37 V	60	32.0	16.1
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

REMARKS:

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



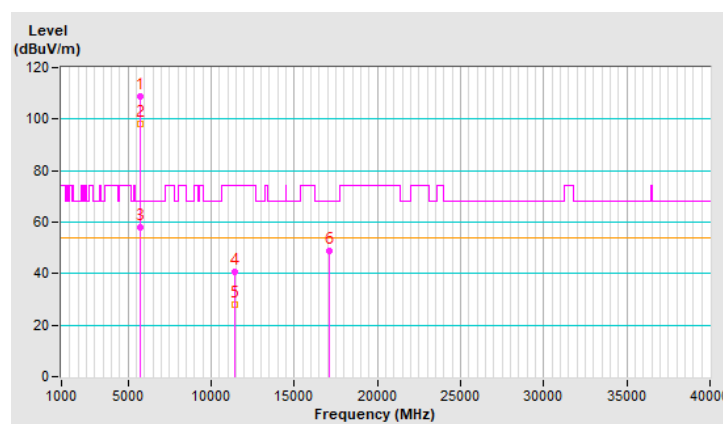
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	108.7 PK			1.53 H	318	105.4	3.3
2	*5700.00	98.3 AV			1.53 H	318	95.0	3.3
3	#5725.00	57.8 PK	68.2	-10.4	1.53 H	318	54.6	3.2
4	11400.00	40.9 PK	74.0	-33.1	1.72 H	12	27.4	13.5
5	11400.00	28.1 AV	54.0	-25.9	1.72 H	12	14.6	13.5
6	#17100.00	49.0 PK	68.2	-19.2	1.63 H	24	32.8	16.2
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

REMARKS:

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

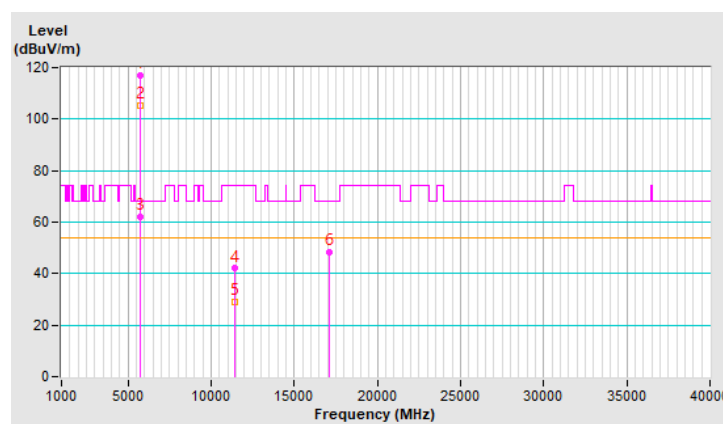


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	117.1 PK			1.47 V	348	113.8	3.3
2	*5700.00	105.1 AV			1.47 V	348	101.8	3.3
3	#5725.00	62.1 PK	68.2	-6.1	1.47 V	348	58.9	3.2
4	11400.00	42.0 PK	74.0	-32.0	1.50 V	43	28.5	13.5
5	11400.00	29.1 AV	54.0	-24.9	1.50 V	43	15.6	13.5
6	#17100.00	48.3 PK	68.2	-19.9	1.39 V	63	32.1	16.2
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

REMARKS:

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



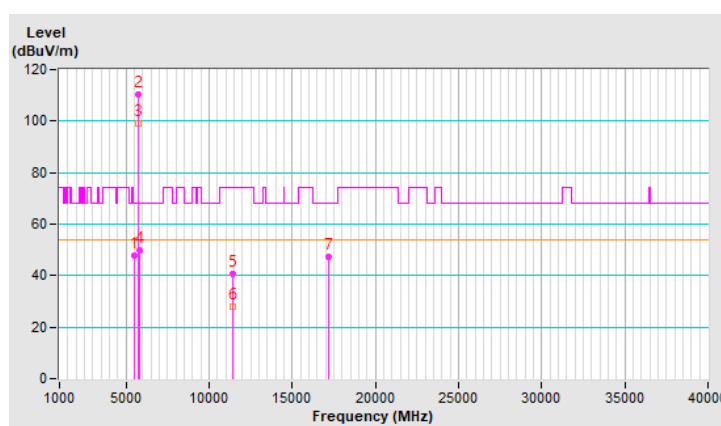
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 144 : 5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	48.0 PK	68.2	-20.2	1.46 H	315	45.1	2.9
2	*5720.00	110.2 PK			1.46 H	315	106.9	3.3
3	*5720.00	99.4 AV			1.46 H	315	96.1	3.3
4	#5850.00	49.9 PK	68.2	-18.3	1.46 H	315	46.2	3.7
5	11440.00	40.8 PK	74.0	-33.2	1.67 H	27	27.4	13.4
6	11440.00	27.8 AV	54.0	-26.2	1.67 H	27	14.4	13.4
7	#17160.00	47.5 PK	68.2	-20.7	1.67 H	44	31.2	16.3
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

REMARKS:

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

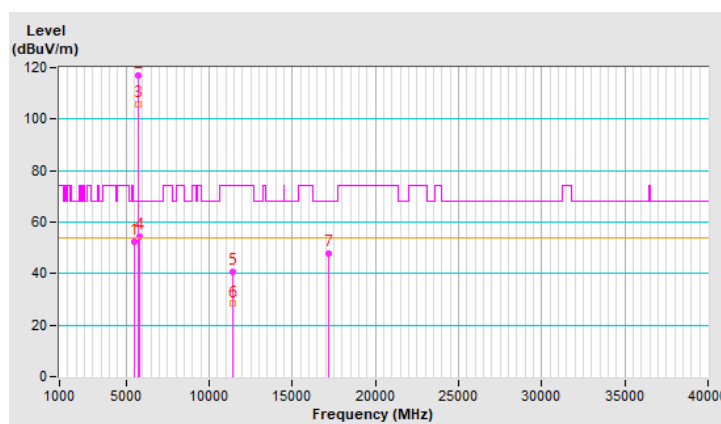


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 144 : 5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	52.4 PK	68.2	-15.8	1.47 V	6	49.5	2.9
2	*5720.00	117.2 PK			1.47 V	6	113.9	3.3
3	*5720.00	105.8 AV			1.47 V	6	102.5	3.3
4	#5850.00	54.5 PK	68.2	-13.7	1.47 V	6	50.8	3.7
5	11440.00	40.7 PK	74.0	-33.3	1.44 V	34	27.3	13.4
6	11440.00	28.3 AV	54.0	-25.7	1.44 V	34	14.9	13.4
7	#17160.00	47.7 PK	68.2	-20.5	1.30 V	90	31.4	16.3
8	22880.00	-	-	-	-	-	-	-
9	#28600.00	-	-	-	-	-	-	-
10	#34320.00	-	-	-	-	-	-	-

REMARKS:

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

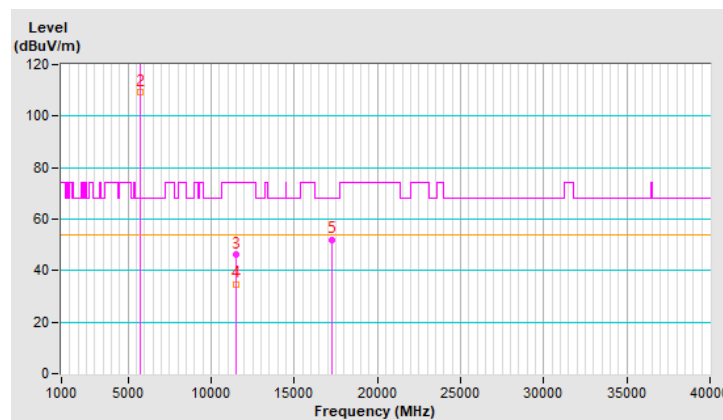


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	121.3 PK			2.18 H	214	118.0	3.3
2	*5745.00	109.1 AV			2.18 H	214	105.8	3.3
3	11490.00	46.1 PK	74.0	-27.9	1.29 H	24	32.8	13.3
4	11490.00	34.6 AV	54.0	-19.4	1.29 H	24	21.3	13.3
5	#17235.00	52.1 PK	68.2	-16.1	3.09 H	40	35.6	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

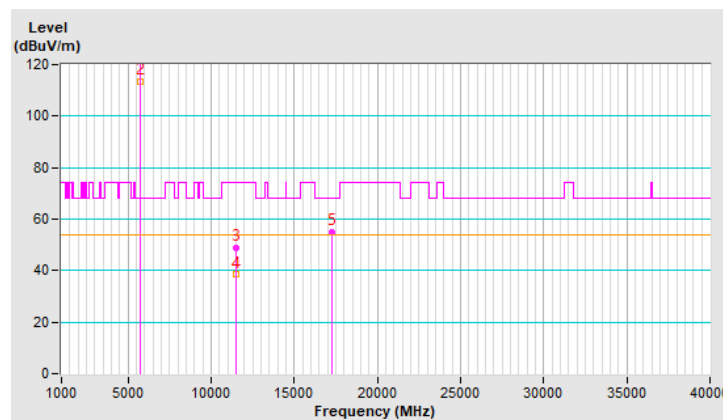


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	126.2 PK			1.64 V	173	122.9	3.3
2	*5745.00	113.3 AV			1.64 V	173	110.0	3.3
3	11490.00	48.9 PK	74.0	-25.1	1.04 V	15	35.6	13.3
4	11490.00	38.4 AV	54.0	-15.6	1.04 V	15	25.1	13.3
5	#17235.00	55.0 PK	68.2	-13.2	3.39 V	231	38.5	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

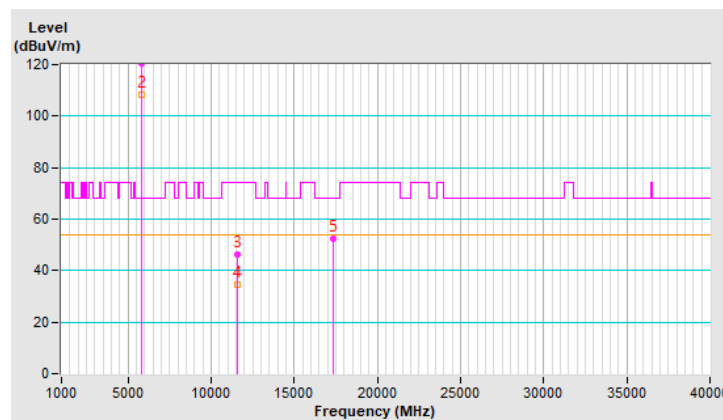


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	120.6 PK			2.07 H	231	117.2	3.4
2	*5785.00	108.3 AV			2.07 H	231	104.9	3.4
3	11570.00	46.4 PK	74.0	-27.6	1.31 H	39	33.4	13.0
4	11570.00	34.8 AV	54.0	-19.2	1.31 H	39	21.8	13.0
5	#17355.00	52.4 PK	68.2	-15.8	3.13 H	50	35.3	17.1
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

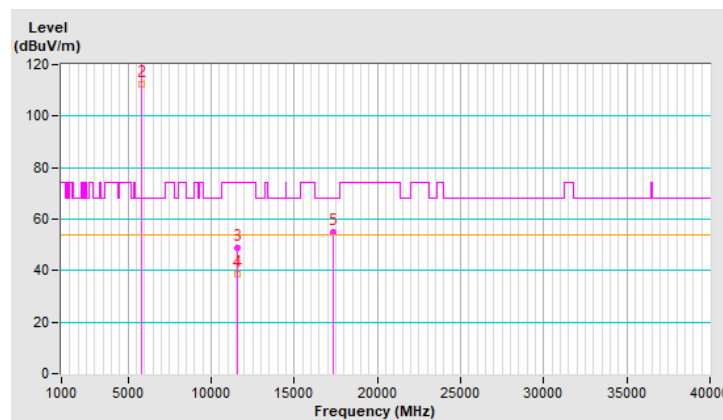


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	125.1 PK			1.64 V	171	121.7	3.4
2	*5785.00	112.3 AV			1.64 V	171	108.9	3.4
3	11570.00	48.7 PK	74.0	-25.3	1.02 V	7	35.7	13.0
4	11570.00	38.5 AV	54.0	-15.5	1.02 V	7	25.5	13.0
5	#17355.00	54.8 PK	68.2	-13.4	3.41 V	245	37.7	17.1
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

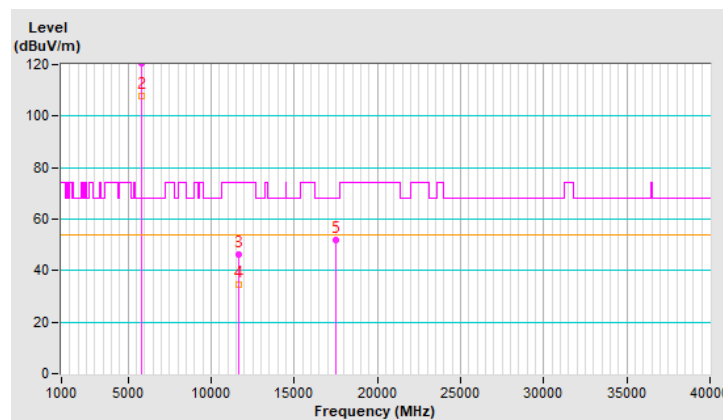


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	120.4 PK			2.12 H	229	116.8	3.6
2	*5825.00	108.0 AV			2.12 H	229	104.4	3.6
3	11650.00	46.3 PK	74.0	-27.7	1.30 H	37	33.4	12.9
4	11650.00	34.8 AV	54.0	-19.2	1.30 H	37	21.9	12.9
5	#17475.00	52.1 PK	68.2	-16.1	3.14 H	46	33.7	18.4
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

REMARKS:

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

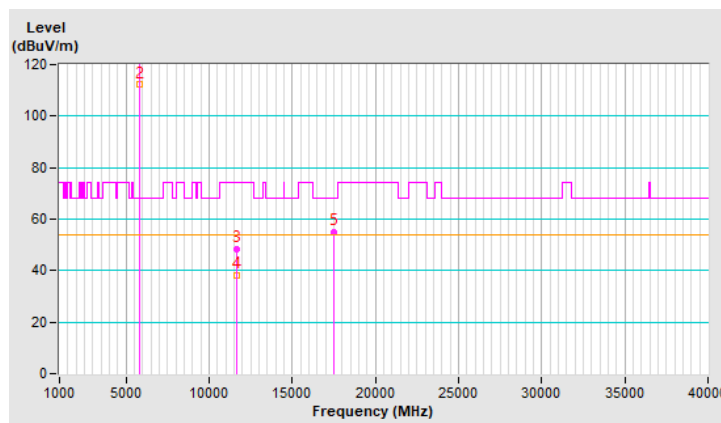


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	124.8 PK			1.68 V	175	121.2	3.6
2	*5825.00	112.2 AV			1.68 V	175	108.6	3.6
3	11650.00	48.5 PK	74.0	-25.5	1.00 V	18	35.6	12.9
4	11650.00	38.3 AV	54.0	-15.7	1.00 V	18	25.4	12.9
5	#17475.00	55.1 PK	68.2	-13.1	3.42 V	244	36.7	18.4
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

REMARKS:

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



802.11ax (HE40)

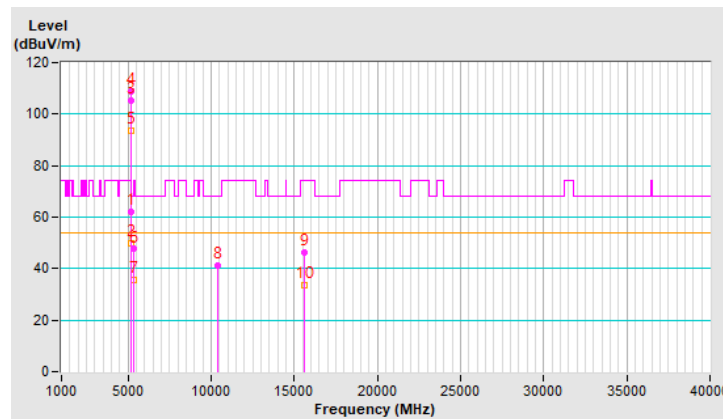
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 38 : 5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	62.1 PK	74.0	-11.9	2.13 H	234	59.4	2.7
2	5150.00	49.9 AV	54.0	-4.1	2.13 H	234	47.2	2.7
3	*5190.00	105.2 PK			2.13 H	234	102.5	2.7
4	*5190.00	108.8 PK			2.13 H	234	106.1	2.7
5	*5190.00	93.4 AV			2.13 H	234	90.7	2.7
6	5350.00	47.6 PK	74.0	-26.4	2.13 H	234	45.0	2.6
7	5350.00	35.5 AV	54.0	-18.5	2.13 H	234	32.9	2.6
8	#10380.00	41.2 PK	68.2	-27.0	1.27 H	49	28.4	12.8
9	15570.00	46.5 PK	74.0	-27.5	3.09 H	36	33.8	12.7
10	15570.00	33.7 AV	54.0	-20.3	3.09 H	36	21.0	12.7
11	20760.00	-	-	-	-	-	-	-
12	#25950.00	-	-	-	-	-	-	-
13	#31140.00	-	-	-	-	-	-	-
14	#36330.00	-	-	-	-	-	-	-

REMARKS:

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

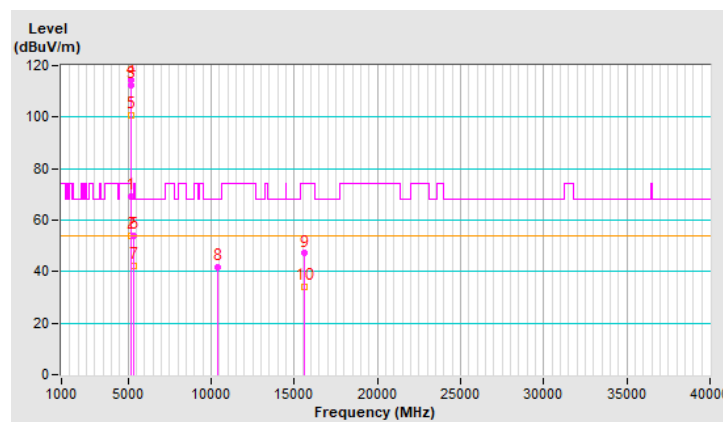


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 38 : 5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	69.1 PK	74.0	-4.9	1.38 V	11	66.4	2.7
2	5150.00	53.8 AV	54.0	-0.2	1.38 V	11	51.1	2.7
3	*5190.00	112.4 PK			1.62 V	8	109.7	2.7
4	*5190.00	114.2 PK			1.38 V	11	111.5	2.7
5	*5190.00	100.9 AV			1.62 V	8	98.2	2.7
6	5350.00	53.8 PK	74.0	-20.2	1.38 V	11	51.2	2.6
7	5350.00	42.1 AV	54.0	-11.9	1.38 V	11	39.5	2.6
8	#10380.00	41.7 PK	68.2	-26.5	1.56 V	47	28.9	12.8
9	15570.00	47.1 PK	74.0	-26.9	1.55 V	14	34.4	12.7
10	15570.00	34.2 AV	54.0	-19.8	1.55 V	14	21.5	12.7
11	20760.00	-	-	-	-	-	-	-
12	#25950.00	-	-	-	-	-	-	-
13	#31140.00	-	-	-	-	-	-	-
14	#36330.00	-	-	-	-	-	-	-

REMARKS:

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

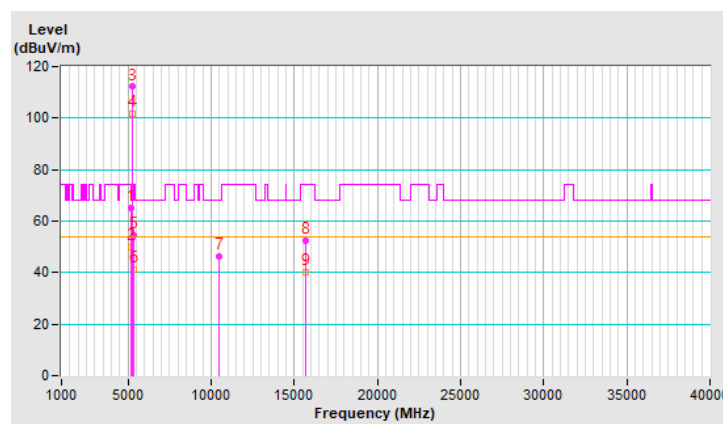


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	65.1 PK	74.0	-8.9	2.08 H	223	62.4	2.7
2	5150.00	49.7 AV	54.0	-4.3	2.08 H	223	47.0	2.7
3	*5230.00	112.2 PK			2.08 H	223	109.8	2.4
4	*5230.00	101.6 AV			2.08 H	223	99.2	2.4
5	5350.00	54.5 PK	74.0	-19.5	2.08 H	223	51.9	2.6
6	5350.00	41.2 AV	54.0	-12.8	2.08 H	223	38.6	2.6
7	#10460.00	46.5 PK	68.2	-21.7	1.26 H	39	33.5	13.0
8	15690.00	52.6 PK	74.0	-21.4	3.08 H	53	40.5	12.1
9	15690.00	40.3 AV	54.0	-13.7	3.08 H	53	28.2	12.1
10	20920.00	-	-	-	-	-	-	-
11	#26150.00	-	-	-	-	-	-	-
12	31380.00	-	-	-	-	-	-	-
13	#36610.00	-	-	-	-	-	-	-

REMARKS:

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

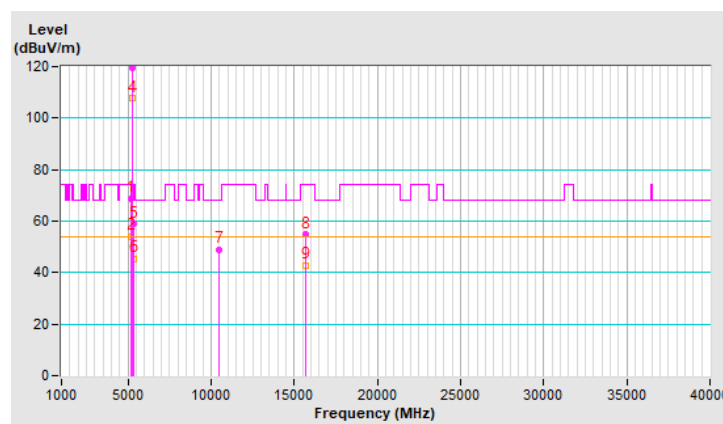


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	68.6 PK	74.0	-5.4	1.89 V	20	65.9	2.7
2	5150.00	53.9 AV	54.0	-0.1	1.89 V	20	51.2	2.7
3	*5230.00	119.4 PK			1.89 V	20	117.0	2.4
4	*5230.00	107.6 AV			1.89 V	20	105.2	2.4
5	5350.00	58.8 PK	74.0	-15.2	1.89 V	20	56.2	2.6
6	5350.00	45.4 AV	54.0	-8.6	1.89 V	20	42.8	2.6
7	#10460.00	48.7 PK	68.2	-19.5	1.00 V	20	35.7	13.0
8	15690.00	54.7 PK	74.0	-19.3	3.42 V	241	42.6	12.1
9	15690.00	42.9 AV	54.0	-11.1	3.42 V	241	30.8	12.1
10	20920.00	-	-	-	-	-	-	-
11	#26150.00	-	-	-	-	-	-	-
12	31380.00	-	-	-	-	-	-	-
13	#36610.00	-	-	-	-	-	-	-

REMARKS:

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

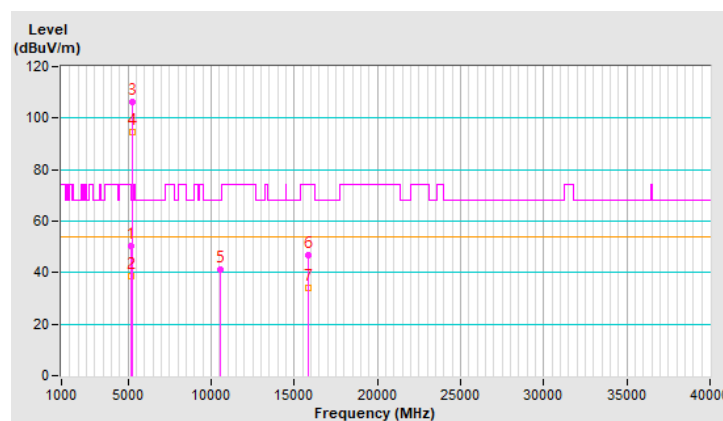


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 54 : 5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	50.2 PK	74.0	-23.8	2.09 H	241	47.5	2.7
2	5150.00	38.7 AV	54.0	-15.3	2.09 H	241	36.0	2.7
3	*5270.00	106.2 PK			2.09 H	241	103.9	2.3
4	*5270.00	94.6 AV			2.09 H	241	92.3	2.3
5	#10540.00	41.2 PK	68.2	-27.0	1.28 H	49	28.2	13.0
6	15810.00	46.8 PK	74.0	-27.2	3.08 H	32	34.7	12.1
7	15810.00	34.1 AV	54.0	-19.9	3.08 H	32	22.0	12.1
8	21080.00	-	-	-	-	-	-	-
9	#26350.00	-	-	-	-	-	-	-
10	31620.00	-	-	-	-	-	-	-
11	#36890.00	-	-	-	-	-	-	-

REMARKS:

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

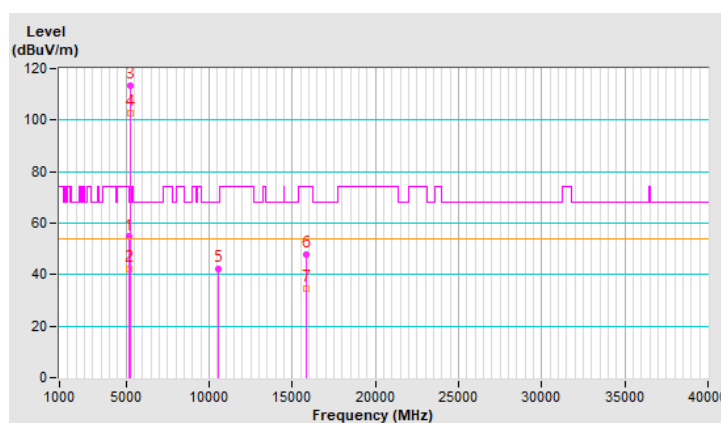


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 54 : 5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	54.7 PK	74.0	-19.3	1.57 V	21	52.0	2.7
2	5150.00	42.2 AV	54.0	-11.8	1.57 V	21	39.5	2.7
3	*5270.00	113.3 PK			1.57 V	21	111.0	2.3
4	*5270.00	102.9 AV			1.57 V	21	100.6	2.3
5	#10540.00	42.3 PK	68.2	-25.9	1.64 V	33	29.3	13.0
6	15810.00	47.9 PK	74.0	-26.1	1.62 V	36	35.8	12.1
7	15810.00	34.8 AV	54.0	-19.2	1.62 V	36	22.7	12.1
8	21080.00	-	-	-	-	-	-	-
9	#26350.00	-	-	-	-	-	-	-
10	31620.00	-	-	-	-	-	-	-
11	#36890.00	-	-	-	-	-	-	-

REMARKS:

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

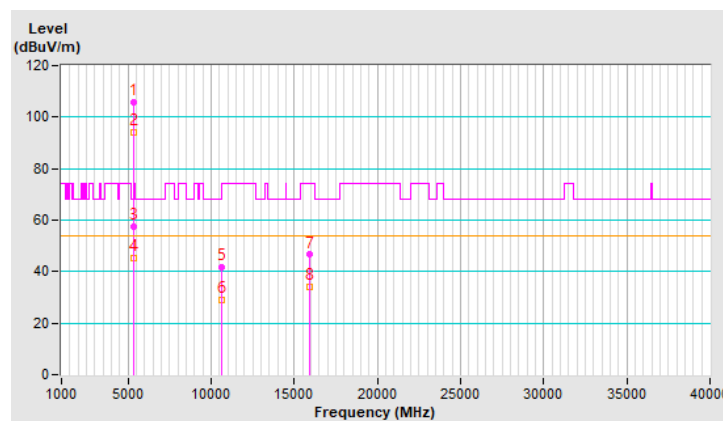


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	105.9 PK			2.15 H	230	103.4	2.5
2	*5310.00	94.3 AV			2.15 H	230	91.8	2.5
3	5350.00	57.6 PK	74.0	-16.4	2.15 H	230	55.0	2.6
4	5350.00	45.5 AV	54.0	-8.5	2.15 H	230	42.9	2.6
5	10620.00	41.6 PK	74.0	-32.4	1.30 H	61	28.9	12.7
6	10620.00	28.9 AV	54.0	-25.1	1.30 H	61	16.2	12.7
7	15930.00	46.6 PK	74.0	-27.4	3.06 H	41	34.5	12.1
8	15930.00	34.1 AV	54.0	-19.9	3.06 H	41	22.0	12.1
9	21240.00	-	-	-	-	-	-	-
10	#26550.00	-	-	-	-	-	-	-
11	#31860.00	-	-	-	-	-	-	-
12	#37170.00	-	-	-	-	-	-	-

REMARKS:

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

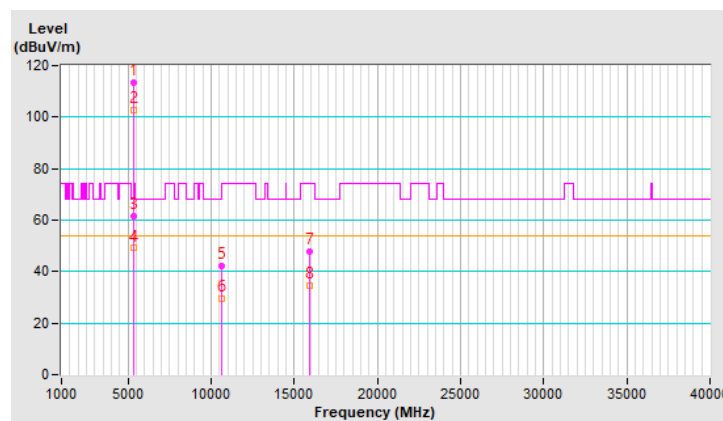


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	113.3 PK			1.48 V	18	110.8	2.5
2	*5310.00	102.6 AV			1.48 V	18	100.1	2.5
3	5350.00	61.7 PK	74.0	-12.3	1.48 V	18	59.1	2.6
4	5350.00	49.1 AV	54.0	-4.9	1.48 V	18	46.5	2.6
5	10620.00	42.3 PK	74.0	-31.7	1.64 V	33	29.6	12.7
6	10620.00	29.6 AV	54.0	-24.4	1.64 V	33	16.9	12.7
7	15930.00	47.9 PK	74.0	-26.1	1.62 V	36	35.8	12.1
8	15930.00	34.8 AV	54.0	-19.2	1.62 V	36	22.7	12.1
9	21240.00	-	-	-	-	-	-	-
10	#26550.00	-	-	-	-	-	-	-
11	#31860.00	-	-	-	-	-	-	-
12	#37170.00	-	-	-	-	-	-	-

REMARKS:

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

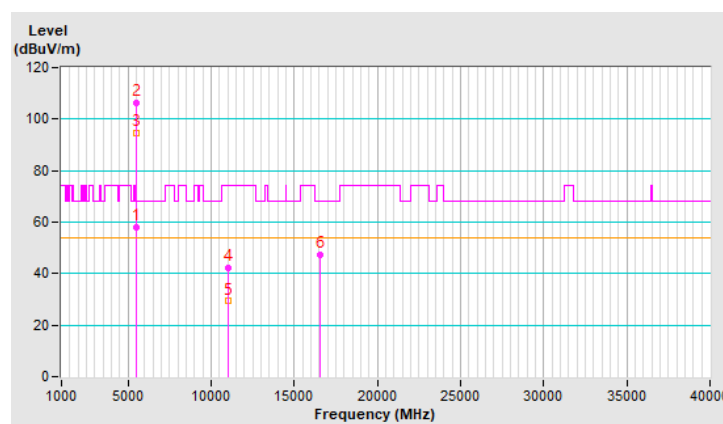


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 102 : 5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	58.1 PK	68.2	-10.1	2.18 H	223	55.2	2.9
2	*5510.00	106.4 PK			2.18 H	223	103.6	2.8
3	*5510.00	94.8 AV			2.18 H	223	92.0	2.8
4	11020.00	42.1 PK	74.0	-31.9	1.26 H	73	28.6	13.5
5	11020.00	29.3 AV	54.0	-24.7	1.26 H	73	15.8	13.5
6	#16530.00	47.3 PK	68.2	-20.9	3.10 H	53	32.6	14.7
7	22040.00	-	-	-	-	-	-	-
8	#27550.00	-	-	-	-	-	-	-
9	#33060.00	-	-	-	-	-	-	-
10	#38570.00	-	-	-	-	-	-	-

REMARKS:

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

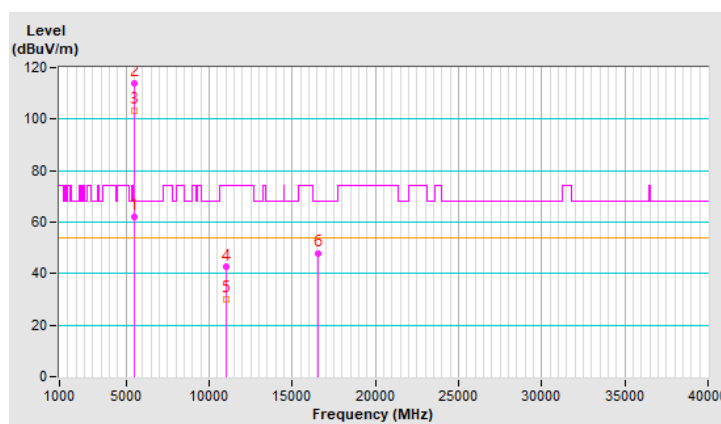


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 102 : 5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	62.2 PK	68.2	-6.0	1.42 V	8	59.3	2.9
2	*5510.00	113.8 PK			1.42 V	8	111.0	2.8
3	*5510.00	103.1 AV			1.42 V	8	100.3	2.8
4	11020.00	42.5 PK	74.0	-31.5	1.62 V	44	29.0	13.5
5	11020.00	29.9 AV	54.0	-24.1	1.62 V	44	16.4	13.5
6	#16530.00	47.8 PK	68.2	-20.4	1.65 V	51	33.1	14.7
7	22040.00	-	-	-	-	-	-	-
8	#27550.00	-	-	-	-	-	-	-
9	#33060.00	-	-	-	-	-	-	-
10	#38570.00	-	-	-	-	-	-	-

REMARKS:

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

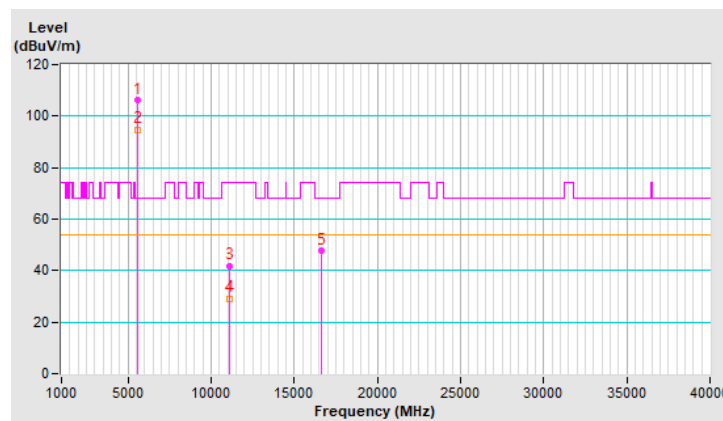


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	106.1 PK			2.21 H	219	103.2	2.9
2	*5550.00	94.6 AV			2.21 H	219	91.7	2.9
3	11100.00	41.6 PK	74.0	-32.4	1.31 H	64	28.6	13.0
4	11100.00	28.9 AV	54.0	-25.1	1.31 H	64	15.9	13.0
5	#16650.00	47.6 PK	68.2	-20.6	3.06 H	68	32.1	15.5
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

REMARKS:

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

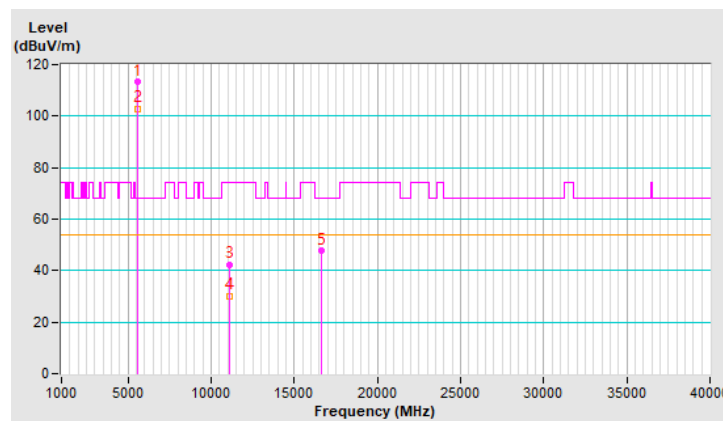


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	113.2 PK			1.45 V	353	110.3	2.9
2	*5550.00	102.7 AV			1.45 V	353	99.8	2.9
3	11100.00	42.2 PK	74.0	-31.8	1.59 V	57	29.2	13.0
4	11100.00	29.9 AV	54.0	-24.1	1.59 V	57	16.9	13.0
5	#16650.00	47.6 PK	68.2	-20.6	1.71 V	63	32.1	15.5
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

REMARKS:

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

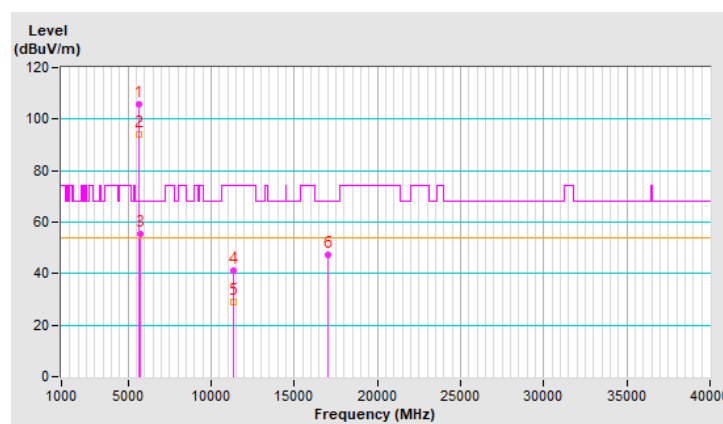


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 134 : 5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	105.7 PK			2.19 H	227	102.6	3.1
2	*5670.00	94.3 AV			2.19 H	227	91.2	3.1
3	#5725.00	55.3 PK	68.2	-12.9	2.19 H	227	52.1	3.2
4	11340.00	41.3 PK	74.0	-32.7	1.36 H	79	27.9	13.4
5	11340.00	28.9 AV	54.0	-25.1	1.36 H	79	15.5	13.4
6	#17010.00	47.4 PK	68.2	-20.8	3.09 H	83	30.8	16.6
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

REMARKS:

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

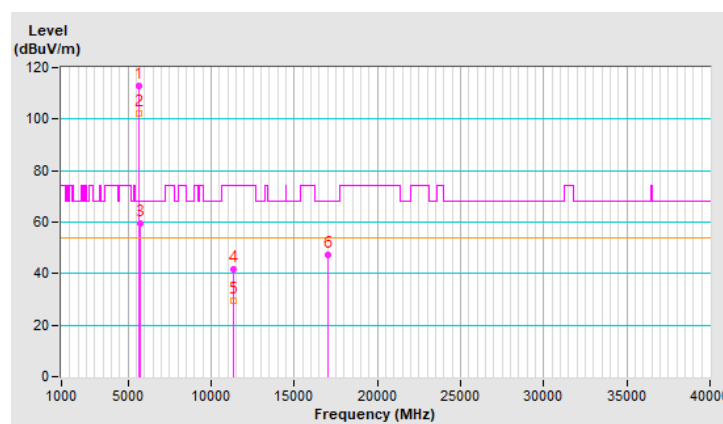


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 134 : 5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	113.1 PK			1.35 V	338	110.0	3.1
2	*5670.00	102.3 AV			1.35 V	338	99.2	3.1
3	#5725.00	59.5 PK	68.2	-8.7	1.35 V	338	56.3	3.2
4	11340.00	41.9 PK	74.0	-32.1	1.60 V	66	28.5	13.4
5	11340.00	29.7 AV	54.0	-24.3	1.60 V	66	16.3	13.4
6	#17010.00	47.2 PK	68.2	-21.0	1.66 V	76	30.6	16.6
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

REMARKS:

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

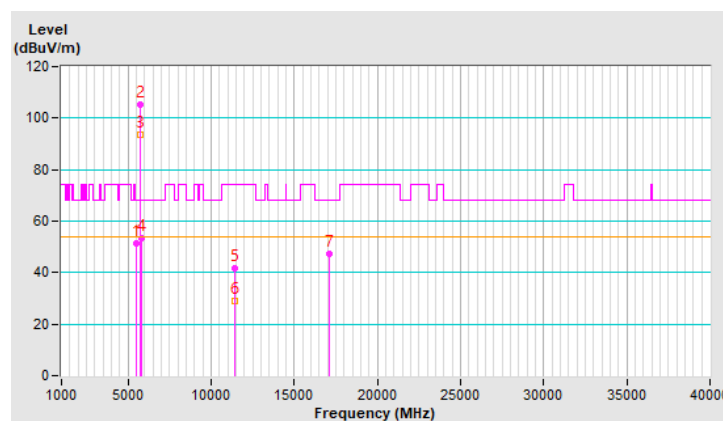


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	51.3 PK	68.2	-16.9	2.23 H	241	48.4	2.9
2	*5710.00	105.4 PK			2.23 H	241	102.1	3.3
3	*5710.00	93.8 AV			2.23 H	241	90.5	3.3
4	#5850.00	53.6 PK	68.2	-14.6	2.23 H	241	49.9	3.7
5	11420.00	41.6 PK	74.0	-32.4	1.34 H	92	28.3	13.3
6	11420.00	29.0 AV	54.0	-25.0	1.34 H	92	15.7	13.3
7	#17130.00	47.3 PK	68.2	-20.9	3.05 H	96	31.0	16.3
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

REMARKS:

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

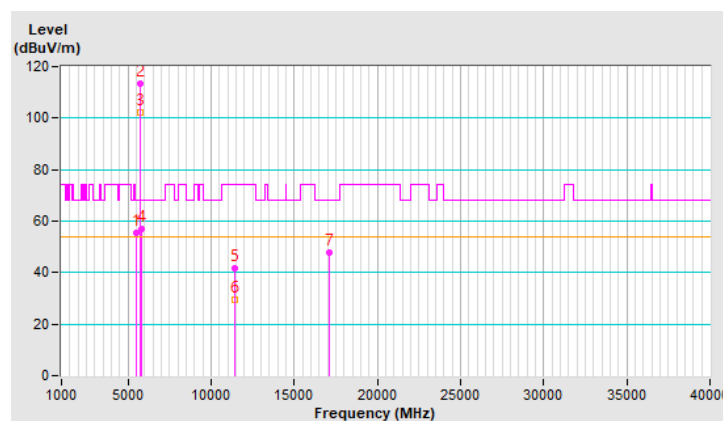


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	55.6 PK	68.2	-12.6	1.37 V	332	52.7	2.9
2	*5710.00	113.3 PK			1.37 V	332	110.0	3.3
3	*5710.00	102.2 AV			1.37 V	332	98.9	3.3
4	#5850.00	57.2 PK	68.2	-11.0	1.37 V	332	53.5	3.7
5	11420.00	41.6 PK	74.0	-32.4	1.57 V	81	28.3	13.3
6	11420.00	29.4 AV	54.0	-24.6	1.57 V	81	16.1	13.3
7	#17130.00	47.7 PK	68.2	-20.5	1.62 V	76	31.4	16.3
8	22840.00	-	-	-	-	-	-	-
9	#28550.00	-	-	-	-	-	-	-
10	#34260.00	-	-	-	-	-	-	-
11	39970.00	-	-	-	-	-	-	-

REMARKS:

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

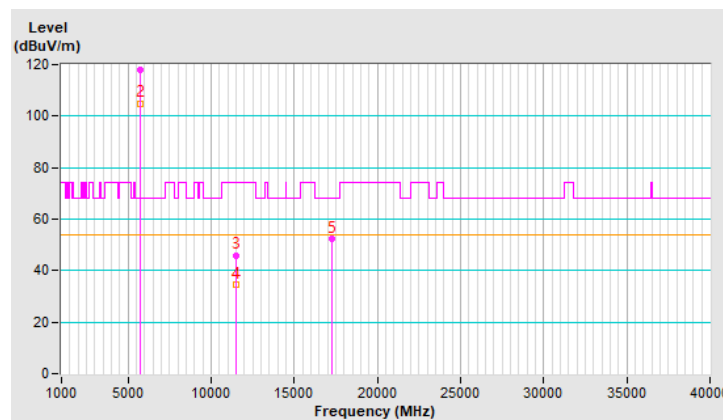


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	118.0 PK			2.08 H	237	114.7	3.3
2	*5755.00	104.6 AV			2.08 H	237	101.3	3.3
3	11510.00	45.9 PK	74.0	-28.1	1.29 H	42	32.6	13.3
4	11510.00	34.4 AV	54.0	-19.6	1.29 H	42	21.1	13.3
5	#17265.00	52.2 PK	68.2	-16.0	3.15 H	38	35.8	16.4
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

REMARKS:

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

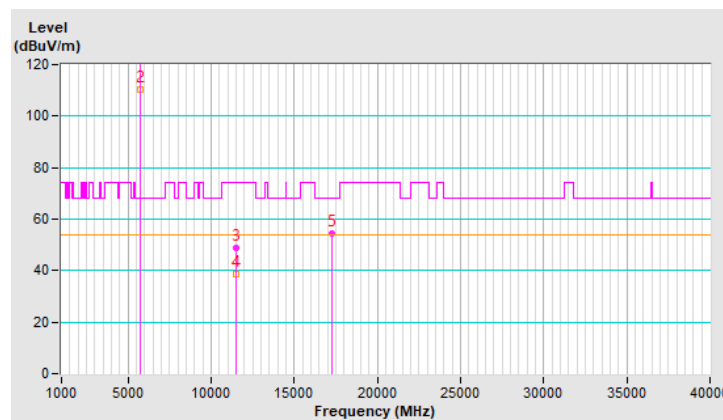


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	123.5 PK			1.52 V	174	120.2	3.3
2	*5755.00	110.3 AV			1.52 V	174	107.0	3.3
3	11510.00	48.8 PK	74.0	-25.2	1.00 V	15	35.5	13.3
4	11510.00	38.7 AV	54.0	-15.3	1.00 V	15	25.4	13.3
5	#17265.00	54.5 PK	68.2	-13.7	3.41 V	234	38.1	16.4
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

REMARKS:

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

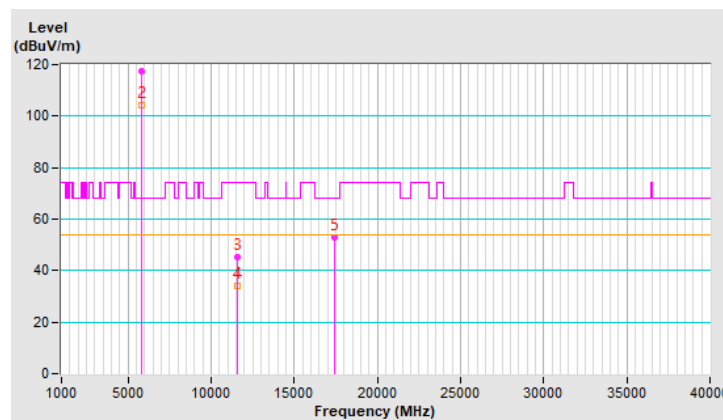


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	117.7 PK			2.06 H	214	114.3	3.4
2	*5795.00	104.4 AV			2.06 H	214	101.0	3.4
3	11590.00	45.5 PK	74.0	-28.5	1.29 H	47	32.6	12.9
4	11590.00	34.0 AV	54.0	-20.0	1.29 H	47	21.1	12.9
5	#17385.00	52.8 PK	68.2	-15.4	3.21 H	40	35.4	17.4
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

REMARKS:

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

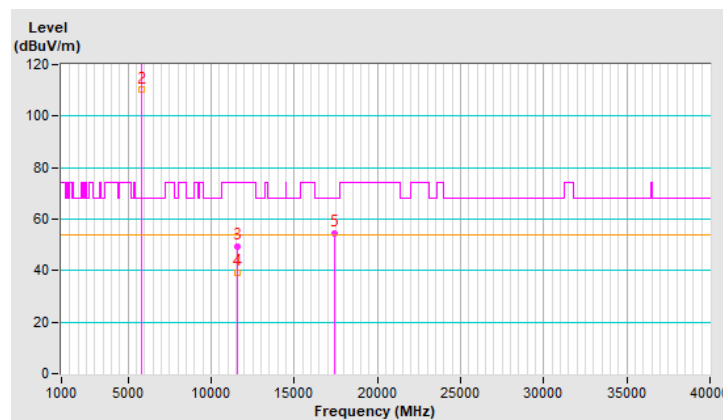


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	123.2 PK			1.60 V	174	119.8	3.4
2	*5795.00	110.1 AV			1.60 V	174	106.7	3.4
3	11590.00	49.3 PK	74.0	-24.7	1.00 V	20	36.4	12.9
4	11590.00	39.0 AV	54.0	-15.0	1.00 V	20	26.1	12.9
5	#17385.00	54.4 PK	68.2	-13.8	3.42 V	246	37.0	17.4
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

REMARKS:

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



802.11ax (HE80)

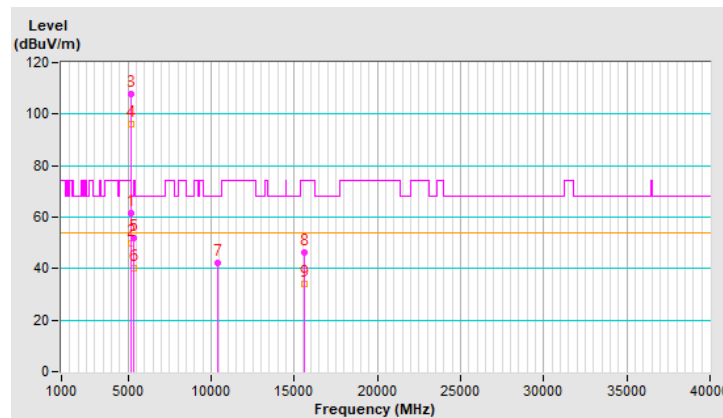
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108年5月8日	測試者：	杜維倫

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	61.5 PK	74.0	-12.5	2.42 H	262	58.8	2.7
2	5150.00	49.9 AV	54.0	-4.1	2.42 H	262	47.2	2.7
3	*5210.00	107.7 PK			2.42 H	262	105.1	2.6
4	*5210.00	96.3 AV			2.42 H	262	93.7	2.6
5	5350.00	51.9 PK	74.0	-22.1	2.42 H	262	49.3	2.6
6	5350.00	40.1 AV	54.0	-13.9	2.42 H	262	37.5	2.6
7	#10420.00	42.1 PK	68.2	-26.1	1.28 H	55	29.1	13.0
8	15630.00	46.4 PK	74.0	-27.6	3.11 H	48	33.8	12.6
9	15630.00	34.1 AV	54.0	-19.9	3.11 H	48	21.5	12.6
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

REMARKS:

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

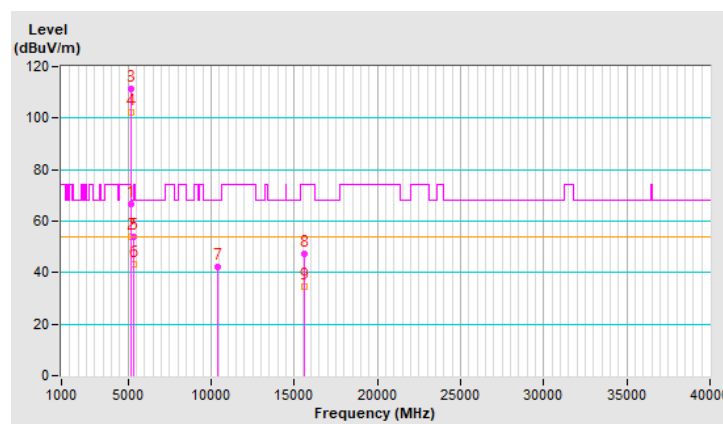


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	66.7 PK	74.0	-7.3	1.49 V	19	64.0	2.7
2	5150.00	53.8 AV	54.0	-0.2	1.49 V	19	51.1	2.7
3	*5210.00	111.6 PK			1.49 V	19	109.0	2.6
4	*5210.00	102.2 AV			1.49 V	19	99.6	2.6
5	5350.00	54.0 PK	74.0	-20.0	1.49 V	19	51.4	2.6
6	5350.00	43.3 AV	54.0	-10.7	1.49 V	19	40.7	2.6
7	#10420.00	42.4 PK	68.2	-25.8	1.59 V	22	29.4	13.0
8	15630.00	47.4 PK	74.0	-26.6	1.66 V	49	34.8	12.6
9	15630.00	34.5 AV	54.0	-19.5	1.66 V	49	21.9	12.6
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

REMARKS:

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

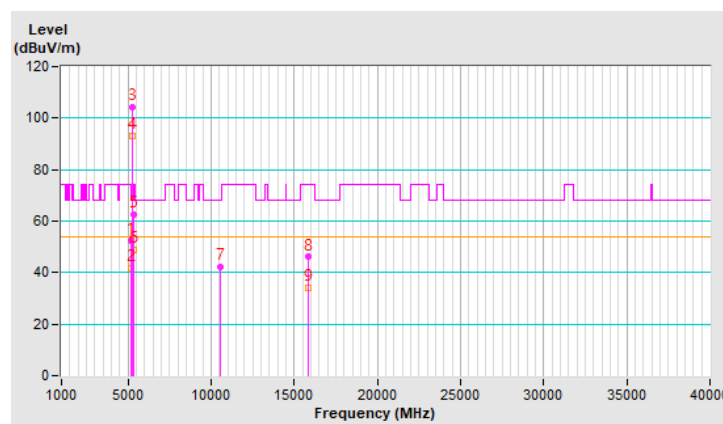


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	52.3 PK	74.0	-21.7	2.44 H	267	49.6	2.7
2	5150.00	41.6 AV	54.0	-12.4	2.44 H	267	38.9	2.7
3	*5290.00	104.3 PK			2.44 H	267	101.9	2.4
4	*5290.00	93.0 AV			2.44 H	267	90.6	2.4
5	5350.00	62.4 PK	74.0	-11.6	2.44 H	267	59.8	2.6
6	5350.00	48.9 AV	54.0	-5.1	2.44 H	267	46.3	2.6
7	#10580.00	42.1 PK	68.2	-26.1	1.25 H	66	29.3	12.8
8	15870.00	46.1 PK	74.0	-27.9	3.14 H	44	34.0	12.1
9	15870.00	34.1 AV	54.0	-19.9	3.14 H	44	22.0	12.1
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

REMARKS:

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

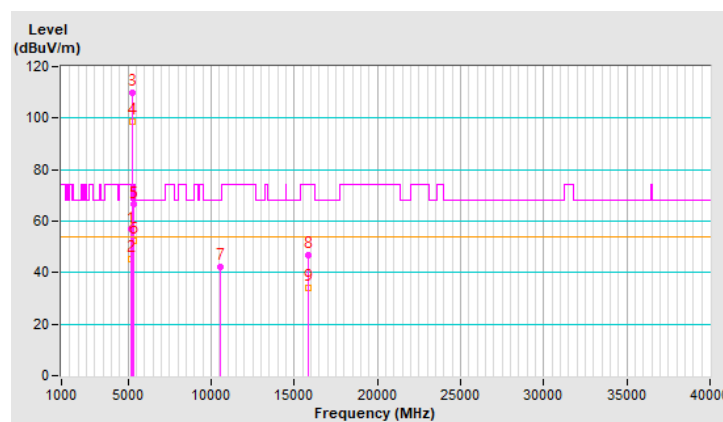


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	56.7 PK	74.0	-17.3	1.48 V	18	54.0	2.7
2	5150.00	45.1 AV	54.0	-8.9	1.48 V	18	42.4	2.7
3	*5290.00	109.8 PK			1.48 V	18	107.4	2.4
4	*5290.00	98.8 AV			1.48 V	18	96.4	2.4
5	5350.00	66.4 PK	74.0	-7.6	1.48 V	18	63.8	2.6
6	5350.00	52.6 AV	54.0	-1.4	1.48 V	18	50.0	2.6
7	#10580.00	42.4 PK	68.2	-25.8	1.58 V	27	29.6	12.8
8	15870.00	47.0 PK	74.0	-27.0	1.61 V	64	34.9	12.1
9	15870.00	34.2 AV	54.0	-19.8	1.61 V	64	22.1	12.1
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

REMARKS:

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

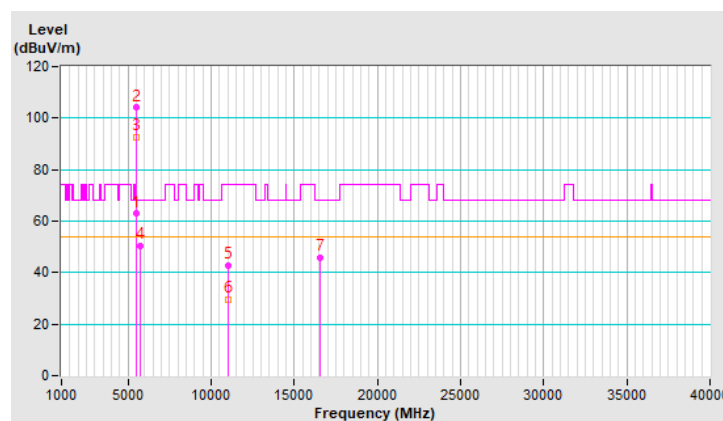


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	62.8 PK	68.2	-5.4	2.46 H	266	59.9	2.9
2	*5530.00	104.0 PK			2.46 H	266	101.1	2.9
3	*5530.00	92.6 AV			2.46 H	266	89.7	2.9
4	#5725.00	50.4 PK	68.2	-17.8	2.46 H	266	47.2	3.2
5	11060.00	42.7 PK	74.0	-31.3	1.28 H	52	29.4	13.3
6	11060.00	29.5 AV	54.0	-24.5	1.28 H	52	16.2	13.3
7	#16590.00	45.8 PK	68.2	-22.4	3.16 H	39	30.8	15.0
8	22120.00	-	-	-	-	-	-	-
9	#27650.00	-	-	-	-	-	-	-
10	#33180.00	-	-	-	-	-	-	-
11	38710.00	-	-	-	-	-	-	-

REMARKS:

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

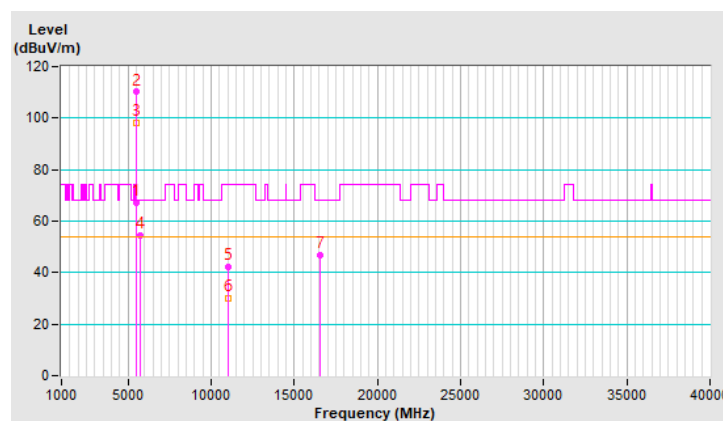


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	67.3 PK	68.2	-0.9	1.19 V	352	64.4	2.9
2	*5530.00	110.1 PK			1.19 V	352	107.2	2.9
3	*5530.00	98.3 AV			1.19 V	352	95.4	2.9
4	#5725.00	54.6 PK	68.2	-13.6	1.19 V	352	51.4	3.2
5	11060.00	42.3 PK	74.0	-31.7	1.57 V	14	29.0	13.3
6	11060.00	29.9 AV	54.0	-24.1	1.57 V	14	16.6	13.3
7	#16590.00	46.7 PK	68.2	-21.5	1.58 V	73	31.7	15.0
8	22120.00	-	-	-	-	-	-	-
9	#27650.00	-	-	-	-	-	-	-
10	#33180.00	-	-	-	-	-	-	-
11	38710.00	-	-	-	-	-	-	-

REMARKS:

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

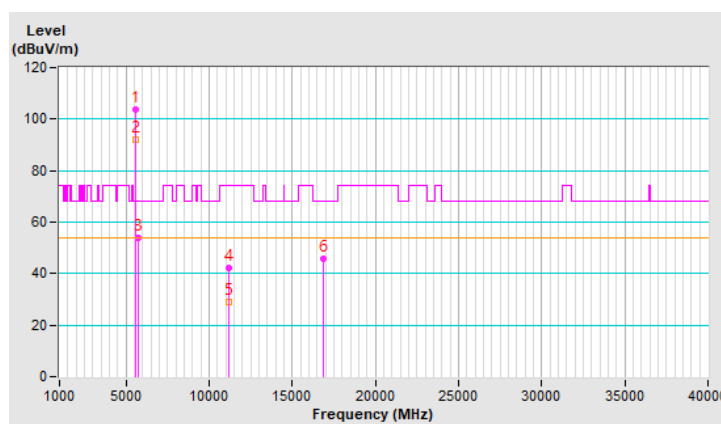


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 122 : 5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	*5610.00	103.6 PK			2.47 H	271	100.6	3.0
2	*5610.00	92.1 AV			2.47 H	271	89.1	3.0
3	#5725.00	53.8 PK	68.2	-14.4	2.47 H	271	50.6	3.2
4	11220.00	42.1 PK	74.0	-31.9	1.31 H	36	29.0	13.1
5	11220.00	29.2 AV	54.0	-24.8	1.31 H	36	16.1	13.1
6	#16830.00	45.9 PK	68.2	-22.3	3.19 H	27	29.6	16.3
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

REMARKS:

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



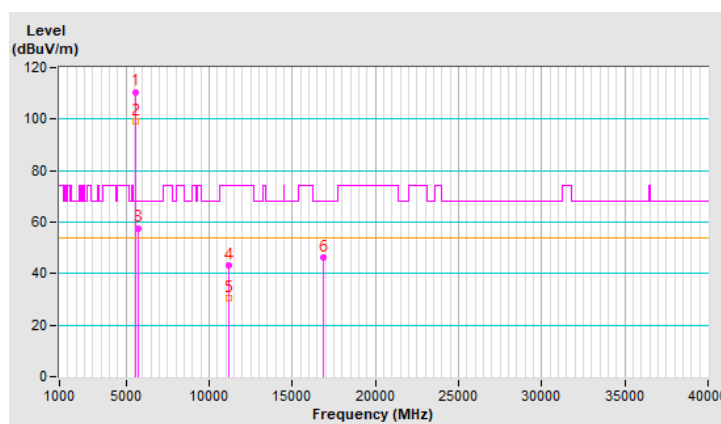
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 122 : 5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	*5610.00	110.4 PK			1.29 V	351	107.4	3.0
2	*5610.00	98.9 AV			1.29 V	351	95.9	3.0
3	#5725.00	57.4 PK	68.2	-10.8	1.29 V	351	54.2	3.2
4	11220.00	43.0 PK	74.0	-31.0	1.53 V	12	29.9	13.1
5	11220.00	30.3 AV	54.0	-23.7	1.53 V	12	17.2	13.1
6	#16830.00	46.1 PK	68.2	-22.1	1.60 V	66	29.8	16.3
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

REMARKS:

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

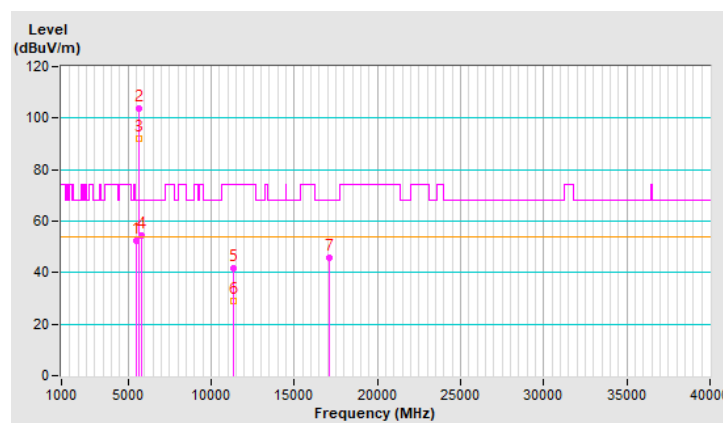


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 138 : 5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	52.6 PK	68.2	-15.6	2.47 H	282	49.7	2.9
2	*5690.00	103.7 PK			2.47 H	282	100.4	3.3
3	*5690.00	92.2 AV			2.47 H	282	88.9	3.3
4	#5850.00	54.3 PK	68.2	-13.9	2.47 H	282	50.6	3.7
5	11380.00	41.8 PK	74.0	-32.2	1.31 H	52	28.3	13.5
6	11380.00	28.9 AV	54.0	-25.1	1.31 H	52	15.4	13.5
7	#17070.00	45.7 PK	68.2	-22.5	3.21 H	16	29.3	16.4
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

REMARKS:

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

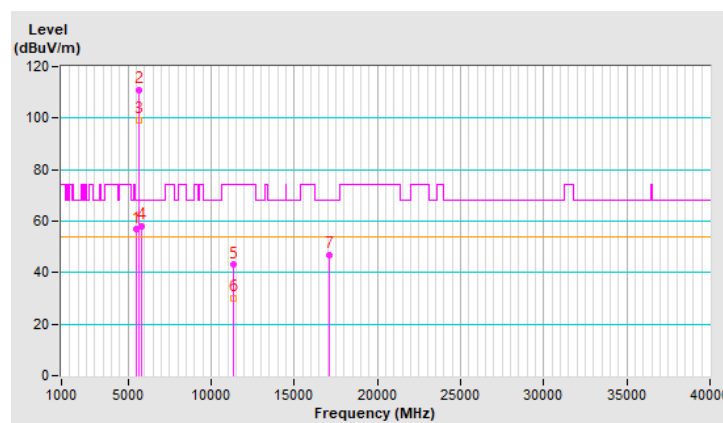


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 138 : 5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	56.7 PK	68.2	-11.5	1.28 V	347	53.8	2.9
2	*5690.00	110.8 PK			1.28 V	347	107.5	3.3
3	*5690.00	99.2 AV			1.28 V	347	95.9	3.3
4	#5850.00	58.1 PK	68.2	-10.1	1.28 V	347	54.4	3.7
5	11380.00	43.0 PK	74.0	-31.0	1.52 V	6	29.5	13.5
6	11380.00	30.2 AV	54.0	-23.8	1.52 V	6	16.7	13.5
7	#17070.00	46.7 PK	68.2	-21.5	1.58 V	75	30.3	16.4
8	22760.00	-	-	-	-	-	-	-
9	#28450.00	-	-	-	-	-	-	-
10	#34140.00	-	-	-	-	-	-	-
11	39830.00	-	-	-	-	-	-	-

REMARKS:

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

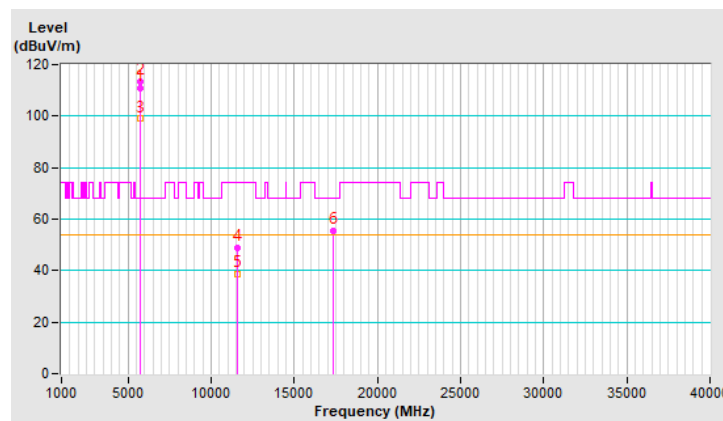


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	*5775.00	110.9 PK			2.12 H	226	107.6	3.3
2	*5775.00	113.5 PK			2.12 H	226	110.2	3.3
3	*5775.00	98.9 AV			2.12 H	226	95.6	3.3
4	11550.00	49.0 PK	74.0	-25.0	1.12 H	16	36.0	13.0
5	11550.00	38.8 AV	54.0	-15.2	1.12 H	16	25.8	13.0
6	#17325.00	55.6 PK	68.2	-12.6	3.47 H	237	38.8	16.8
7	23100.00	-	-	-	-	-	-	-
8	#28875.00	-	-	-	-	-	-	-
9	#34650.00	-	-	-	-	-	-	-

REMARKS:

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

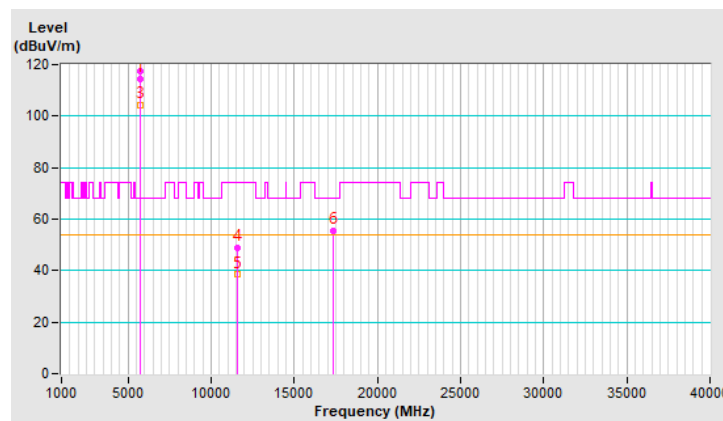


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	*5775.00	114.3 PK			1.00 V	357	111.0	3.3
2	*5775.00	117.3 PK			1.74 V	171	114.0	3.3
3	*5775.00	104.4 AV			1.00 V	357	101.1	3.3
4	11550.00	48.7 PK	74.0	-25.3	1.08 V	10	35.7	13.0
5	11550.00	38.4 AV	54.0	-15.6	1.08 V	10	25.4	13.0
6	#17325.00	55.6 PK	68.2	-12.6	3.41 V	230	38.8	16.8
7	23100.00	-	-	-	-	-	-	-
8	#28875.00	-	-	-	-	-	-	-
9	#34650.00	-	-	-	-	-	-	-

REMARKS:

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



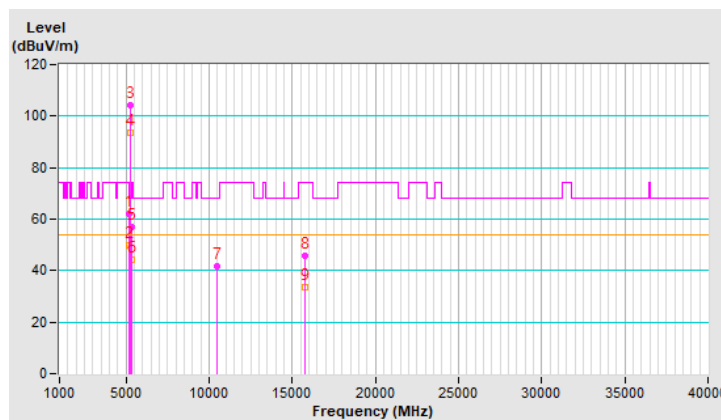
802.11ax (HE160)

操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 50：5250 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	61.9 PK	74.0	-12.1	2.15 H	227	59.2	2.7
2	5150.00	49.7 AV	54.0	-4.3	2.15 H	227	47.0	2.7
3	*5250.00	104.1 PK			2.15 H	227	101.9	2.2
4	*5250.00	93.4 AV			2.15 H	227	91.2	2.2
5	5350.00	57.2 PK	74.0	-16.8	2.15 H	227	54.6	2.6
6	5350.00	44.3 AV	54.0	-9.7	2.15 H	227	41.7	2.6
7	#10500.00	41.9 PK	68.2	-26.3	1.29 H	27	28.8	13.1
8	15750.00	45.9 PK	74.0	-28.1	3.19 H	28	33.9	12.0
9	15750.00	33.5 AV	54.0	-20.5	3.19 H	28	21.5	12.0
10	21000.00	-	-	-	-	-	-	-
11	#26250.00	-	-	-	-	-	-	-
12	31500.00	-	-	-	-	-	-	-
13	#36750.00	-	-	-	-	-	-	-

REMARKS:

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

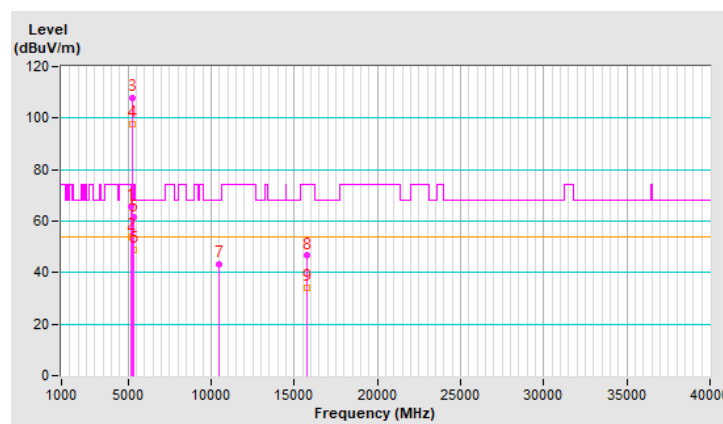


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 50：5250 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10kHz
量測場地溫度：	24°C	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	65.5 PK	74.0	-8.5	1.81 V	19	62.8	2.7
2	5150.00	53.9 AV	54.0	-0.1	1.81 V	19	51.2	2.7
3	*5250.00	108.0 PK			1.81 V	19	105.8	2.2
4	*5250.00	97.5 AV			1.81 V	19	95.3	2.2
5	5350.00	61.3 PK	74.0	-12.7	1.81 V	19	58.7	2.6
6	5350.00	48.7 AV	54.0	-5.3	1.81 V	19	46.1	2.6
7	#10500.00	43.4 PK	68.2	-24.8	1.58 V	26	30.3	13.1
8	15750.00	46.6 PK	74.0	-27.4	1.64 V	68	34.6	12.0
9	15750.00	34.2 AV	54.0	-19.8	1.64 V	68	22.2	12.0
10	21000.00	-	-	-	-	-	-	-
11	#26250.00	-	-	-	-	-	-	-
12	31500.00	-	-	-	-	-	-	-
13	#36750.00	-	-	-	-	-	-	-

REMARKS:

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



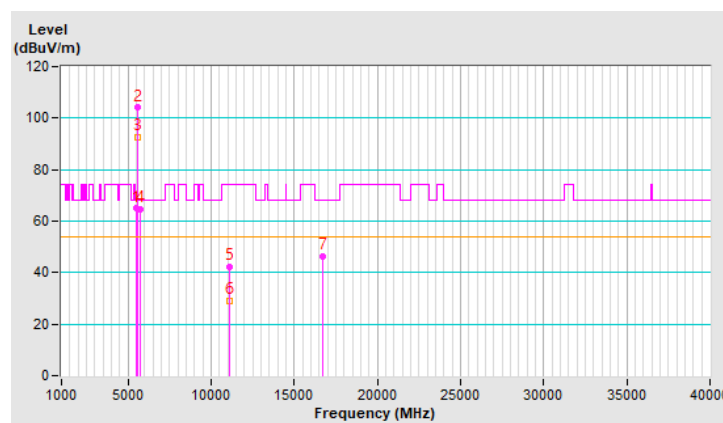
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 114：5570 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	64.9 PK	68.2	-3.3	2.13 H	213	62.0	2.9
2	*5570.00	104.0 PK			2.13 H	213	101.1	2.9
3	*5570.00	92.4 AV			2.13 H	213	89.5	2.9
4	#5725.00	64.7 PK	68.2	-3.5	2.13 H	213	61.5	3.2
5	11140.00	42.2 PK	74.0	-31.8	1.34 H	27	29.2	13.0
6	11140.00	29.0 AV	54.0	-25.0	1.34 H	27	16.0	13.0
7	#16710.00	46.2 PK	68.2	-22.0	3.16 H	14	30.2	16.0
8	22280.00	-	-	-	-	-	-	-
9	#27850.00	-	-	-	-	-	-	-
10	#33420.00	-	-	-	-	-	-	-
11	38990.00	-	-	-	-	-	-	-

REMARKS:

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

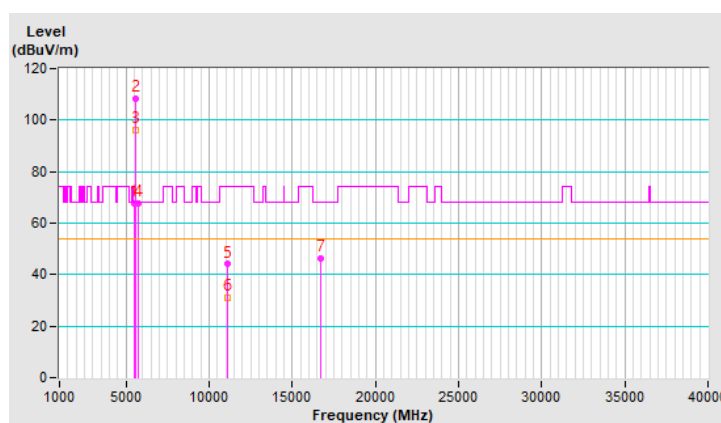


操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 114：5570 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10kHz
量測場地溫度：	24℃	量測場地濕度：	70%RH
測試日期：	108 年 5 月 8 日	測試者：	杜維倫

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	67.8 PK	68.2	-0.4	1.28 V	353	64.9	2.9
2	*5570.00	108.3 PK			1.28 V	353	105.4	2.9
3	*5570.00	96.3 AV			1.28 V	353	93.4	2.9
4	#5725.00	67.8 PK	68.2	-0.4	1.28 V	353	64.6	3.2
5	11140.00	44.0 PK	74.0	-30.0	1.53 V	29	31.0	13.0
6	11140.00	31.1 AV	54.0	-22.9	1.53 V	29	18.1	13.0
7	#16710.00	46.5 PK	68.2	-21.7	1.63 V	75	30.5	16.0
8	22280.00	-	-	-	-	-	-	-
9	#27850.00	-	-	-	-	-	-	-
10	#33420.00	-	-	-	-	-	-	-
11	38990.00	-	-	-	-	-	-	-

REMARKS:

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



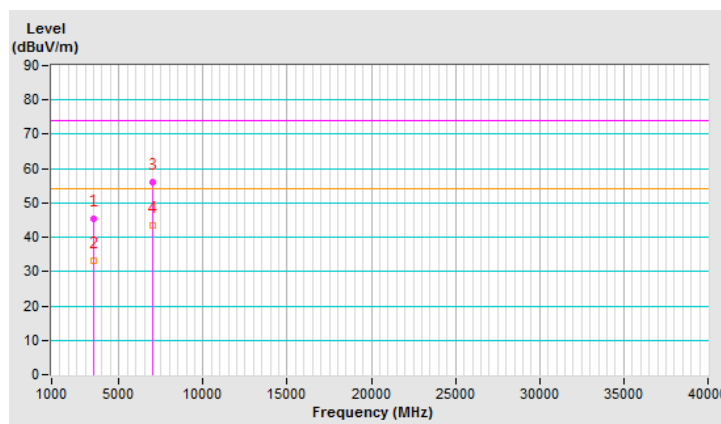
9.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	3493.33	45.4 PK	74.0	-28.6	1.75 H	7	46.5	-1.1
2	3493.33	33.3 AV	54.0	-20.7	1.75 H	7	34.4	-1.1
3	6986.67	56.0 PK	74.0	-18.0	2.69 H	152	48.8	7.2
4	6986.67	43.5 AV	54.0	-10.5	2.69 H	152	36.3	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

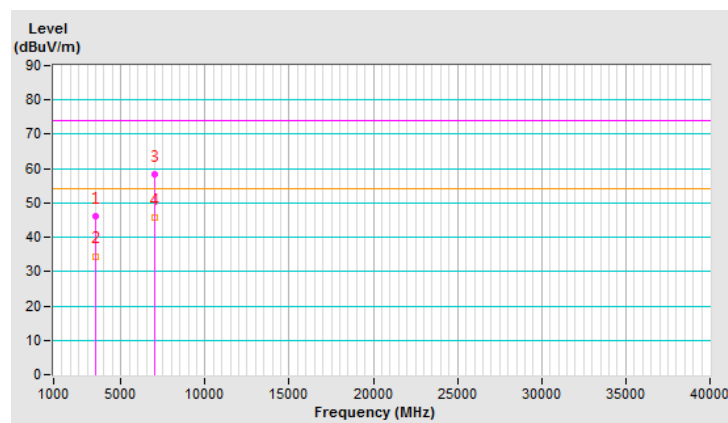


操作模式：	接收		
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	3493.33	46.0 PK	74.0	-28.0	1.72 V	107	47.1	-1.1
2	3493.33	34.5 AV	54.0	-19.5	1.72 V	107	35.6	-1.1
3	6986.67	58.4 PK	74.0	-15.6	2.78 V	184	51.2	7.2
4	6986.67	45.6 AV	54.0	-8.4	2.78 V	184	38.4	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

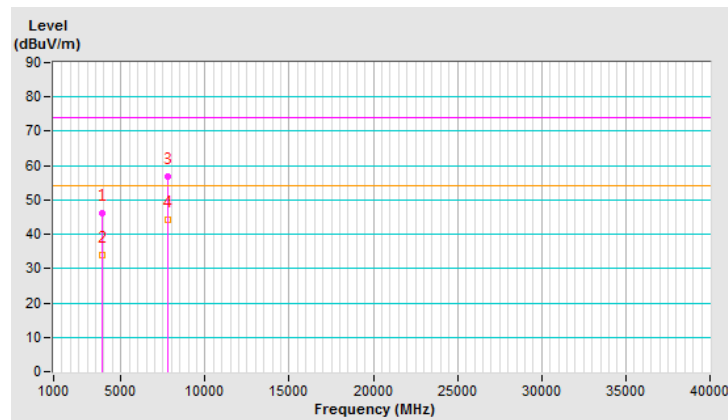


操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	3883.33	46.1 PK	74.0	-27.9	1.65 H	15	46.2	-0.1
2	3883.33	34.0 AV	54.0	-20.0	1.65 H	15	34.1	-0.1
3	7766.67	56.7 PK	74.0	-17.3	2.68 H	158	48.2	8.5
4	7766.67	44.2 AV	54.0	-9.8	2.68 H	158	35.7	8.5

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

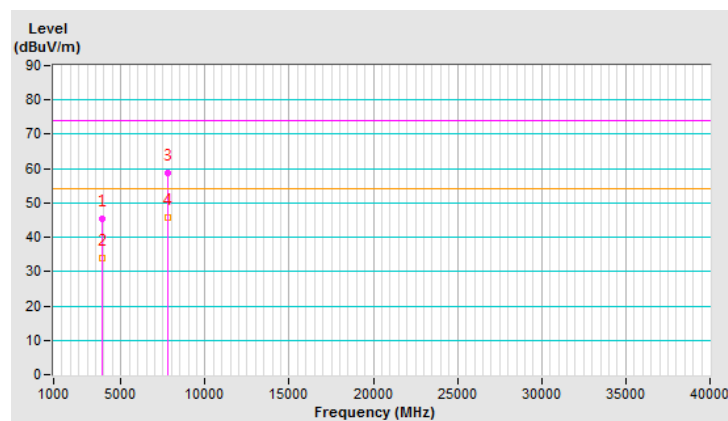


操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 5 月 5 日	測試者：	杜維倫

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	3883.33	45.4 PK	74.0	-28.6	1.76 V	122	45.5	-0.1
2	3883.33	34.0 AV	54.0	-20.0	1.76 V	122	34.1	-0.1
3	7766.67	58.8 PK	74.0	-15.2	2.81 V	171	50.3	8.5
4	7766.67	45.9 AV	54.0	-8.1	2.81 V	171	37.4	8.5

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



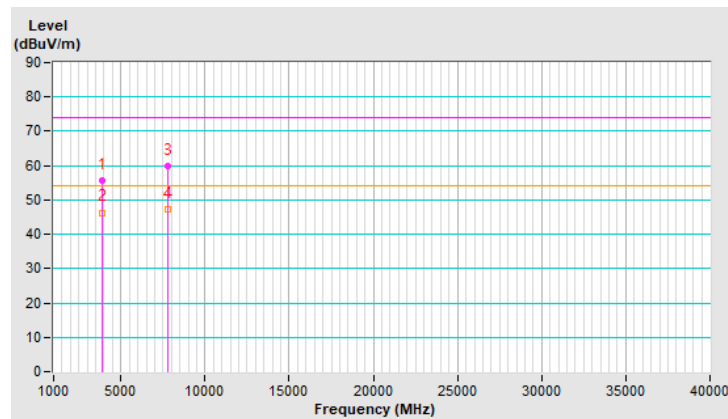
9.6.3 接收諧波 (RX only)

操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	108 年 9 月 5 日	測試者：	何欣儒

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	3883.33	55.8 PK	74.0	-18.2	1.65 H	15	55.1	0.7
2	3883.33	46.3 AV	54.0	-7.7	1.65 H	15	45.6	0.7
3	7766.67	59.8 PK	74.0	-14.2	2.68 H	158	50.5	9.3
4	7766.67	47.3 AV	54.0	-6.7	2.68 H	158	38.0	9.3

REMARKS:

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

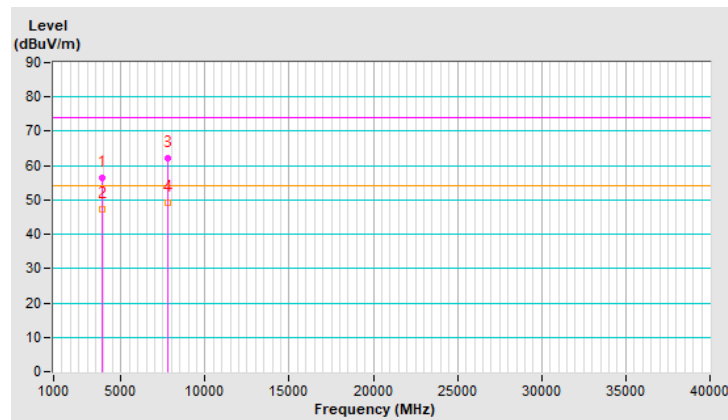


操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	108 年 9 月 5 日	測試者：	何欣儒

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	3883.33	56.5 PK	74.0	-17.5	1.76 V	122	55.8	0.7
2	3883.33	47.3 AV	54.0	-6.7	1.76 V	122	46.6	0.7
3	7766.67	62.2 PK	74.0	-11.8	2.81 V	171	52.9	9.3
4	7766.67	49.2 AV	54.0	-4.8	2.81 V	171	39.9	9.3

REMARKS:

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



9.6.4 其它不必要之訊號

Low band

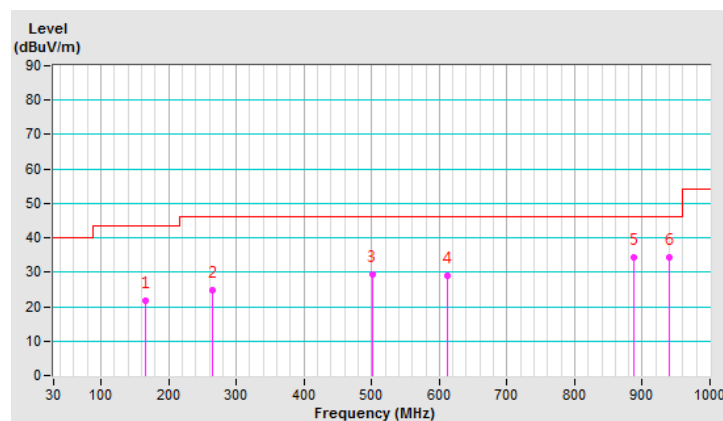
802.11ax (HE40)

操作模式：	發射接收	調變技術：	OFDMA
基本波頻率：	CH 46：5230 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108 年 9 月 12 日	測試者：	柯其宗

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	165.07	21.8 QP	43.5	-21.7	1.00 H	39	30.0	-8.2
2	264.30	24.8 QP	46.0	-21.2	1.00 H	178	33.0	-8.2
3	500.45	29.4 QP	46.0	-16.6	1.00 H	224	31.1	-1.7
4	612.36	29.0 QP	46.0	-17.0	3.00 H	326	28.1	0.9
5	887.99	34.2 QP	46.0	-11.8	3.00 H	0	28.6	5.6
6	940.15	34.2 QP	46.0	-11.8	2.00 H	360	27.5	6.7

REMARKS:

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



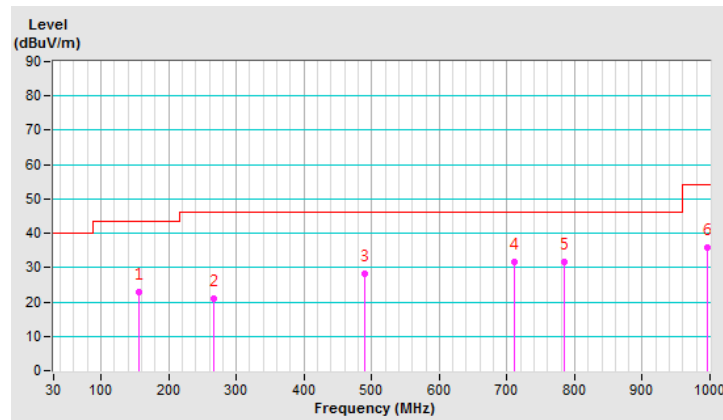
操作模式：	發射接收	調變技術：	OFDMA
基本波頻率：	CH 46：5230 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108 年 9 月 12 日	測試者：	柯其宗

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	156.68	22.7 QP	43.5	-20.8	1.00 V	338	30.6	-7.9
2	266.39	21.1 QP	46.0	-24.9	2.00 V	360	29.2	-8.1
3	489.97	28.1 QP	46.0	-17.9	2.00 V	336	30.1	-2.0
4	711.28	31.5 QP	46.0	-14.5	1.00 V	211	29.2	2.3
5	783.93	31.7 QP	46.0	-14.3	4.00 V	1	27.5	4.2
6	995.42	35.9 QP	54.0	-18.1	2.00 V	121	28.5	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



High band

802.11a

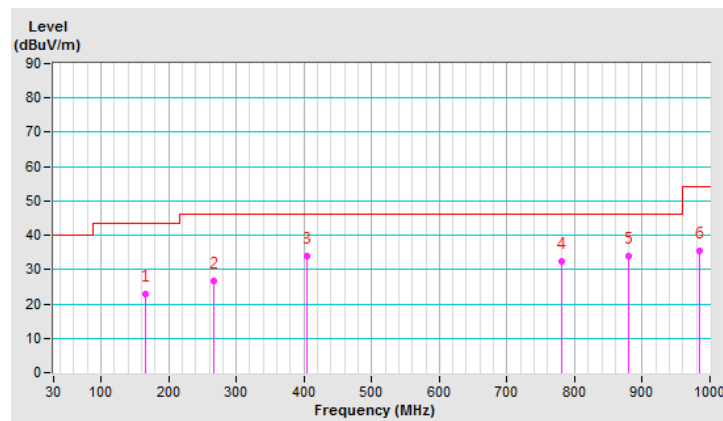
操作模式：	發射接收	調變技術：	OFDMA
基本波頻率：	CH 165：5825 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108 年 9 月 12 日	測試者：	柯其宗

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	165.02	23.0 QP	43.5	-20.5	1.00 H	109	31.2	-8.2
2	265.88	26.5 QP	46.0	-19.5	1.00 H	194	34.6	-8.1
3	405.15	33.9 QP	46.0	-12.1	3.00 H	360	38.1	-4.2
4	779.93	32.3 QP	46.0	-13.7	1.00 H	360	28.2	4.1
5	880.18	34.0 QP	46.0	-12.0	1.00 H	343	28.4	5.6
6	984.33	35.3 QP	54.0	-18.7	4.00 H	360	28.0	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



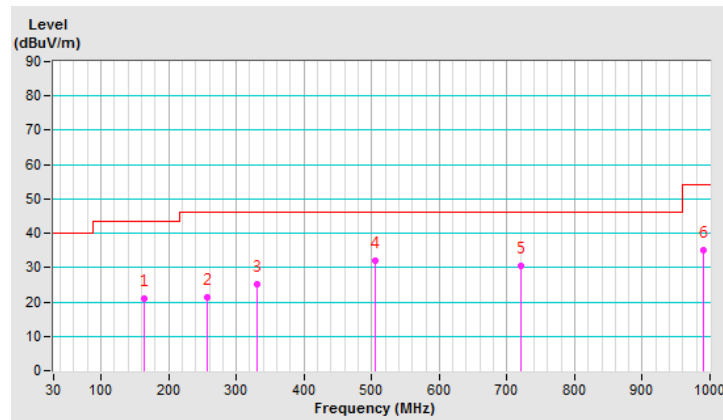
操作模式：	發射接收	調變技術：	OFDMA
基本波頻率：	CH 165：5825 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	20°C	量測場地濕度：	63%RH
測試日期：	108 年 9 月 12 日	測試者：	柯其宗

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	164.34	20.9 QP	43.5	-22.6	3.00 V	202	29.0	-8.1
2	256.06	21.3 QP	46.0	-24.7	2.00 V	25	29.9	-8.6
3	330.17	25.1 QP	46.0	-20.9	2.00 V	191	31.1	-6.0
4	505.11	31.9 QP	46.0	-14.1	1.00 V	174	33.4	-1.5
5	721.44	30.5 QP	46.0	-15.5	3.00 V	317	27.8	2.7
6	989.69	35.1 QP	54.0	-18.9	4.00 V	85	27.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



9.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

9.8 輻射量測之配置照片

請參照 Test Setup Photos

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 0.15 MHz 至 30 MHz 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

餘裕度 $\text{Margin(dB)} = \text{結果值 Emission level (dBuV)} - \text{限制值 Limit value (dBuV)}$

電源傳導干擾電壓之計算公式如下

$\text{結果值 Emission level (dBuV)} = \text{校正因子 Correction Factor (dB)} + \text{儀器讀值 Reading value (dBuV)}$

其中校正因子 $\text{Correction Factor (dB)}$ 為：

饋線損失 + 電源阻抗模擬網路損失

10.6 量測結果

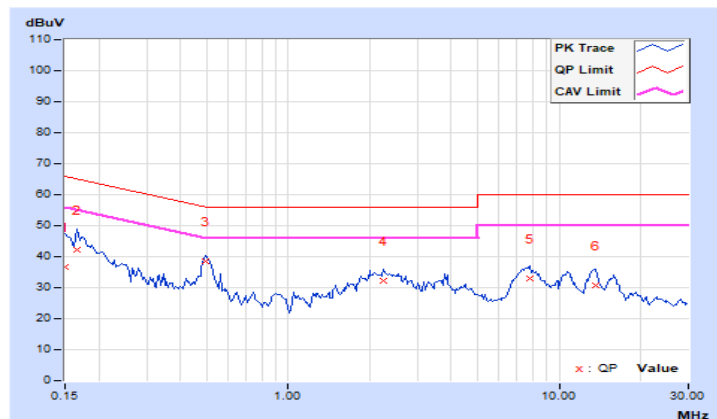
Low band

操作模式	發射	測試日期	108 年 09 月 12 日
基本波頻率	CH 46: 5230MHz	量測場地溫度	24°C
調變技術	OFDMA	量測場地濕度	76%RH
測試者	何欣儒		

		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	9.97	26.86	14.80	36.83	24.77	66.00	56.00	-29.17	-31.23
0.16562	9.97	32.07	9.88	42.04	19.85	65.18	55.18	-23.14	-35.33
0.49375	10.00	28.55	25.82	38.55	35.82	56.10	46.10	-17.55	-10.28
2.24609	10.14	22.17	17.46	32.31	27.60	56.00	46.00	-23.69	-18.40
7.82813	10.51	22.31	17.20	32.82	27.71	60.00	50.00	-27.18	-22.29
13.65625	10.91	19.85	14.82	30.76	25.73	60.00	50.00	-29.24	-24.27

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.

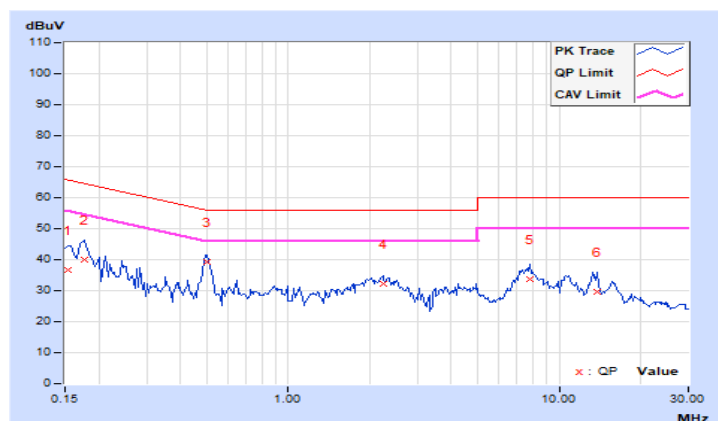


操作模式	發射	測試日期	108 年 09 月 12 日
基本波頻率	CH 46: 5230MHz	量測場地溫度	24°C
調變技術	OFDMA	量測場地濕度	76%RH
測試者	何欣儒		

		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.
0.15391	9.95	26.87	13.26	36.82	23.21	65.79	55.79	-28.97	-32.58
0.17734	9.96	30.01	25.11	39.97	35.07	64.61	54.61	-24.64	-19.54
0.50156	9.99	29.27	25.75	39.26	35.74	56.00	46.00	-16.74	-10.26
2.23438	10.11	22.13	17.06	32.24	27.17	56.00	46.00	-23.76	-18.83
7.83594	10.43	23.09	18.16	33.52	28.59	60.00	50.00	-26.48	-21.41
13.85547	10.77	18.83	13.30	29.60	24.07	60.00	50.00	-30.40	-25.93

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.



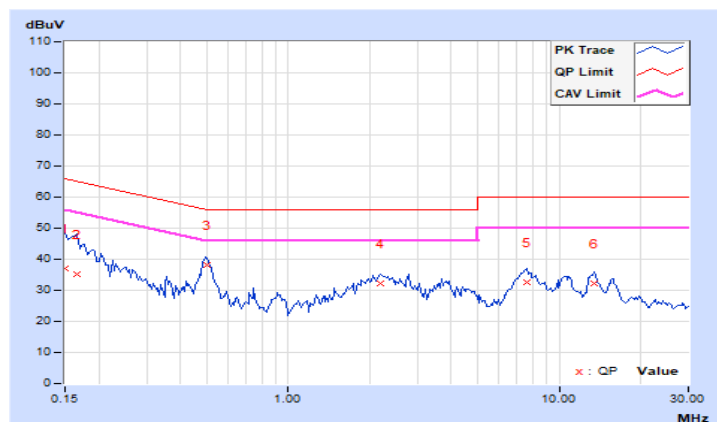
High band

操作模式	發射	測試日期	108 年 09 月 12 日
基本波頻率	CH 165: 5825MHz	量測場地溫度	24°C
調變技術	OFDM	量測場地濕度	76%RH
測試者	何欣儒		

		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	9.97	27.05	14.92	37.02	24.89	66.00	56.00	-28.98	-31.11
0.16562	9.97	25.20	21.07	35.17	31.04	65.18	55.18	-30.01	-24.14
0.50156	10.00	28.18	24.16	38.18	34.16	56.00	46.00	-17.82	-11.84
2.19922	10.13	22.15	17.56	32.28	27.69	56.00	46.00	-23.72	-18.31
7.63281	10.50	22.27	17.56	32.77	28.06	60.00	50.00	-27.23	-21.94
13.44531	10.90	21.22	16.32	32.12	27.22	60.00	50.00	-27.88	-22.78

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.

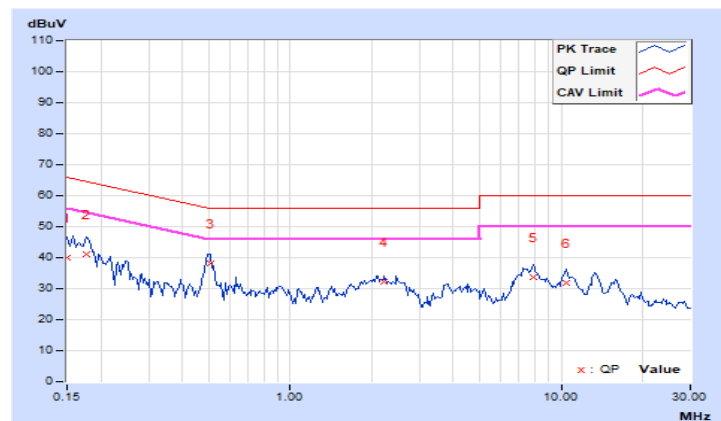


操作模式	發射	測試日期	108 年 09 月 12 日
基本波頻率	CH 165: 5825MHz	量測場地溫度	24°C
調變技術	OFDM	量測場地濕度	76%RH
測試者	何欣儒		

		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	9.95	29.87	23.67	39.82	33.62	66.00	56.00	-26.18	-22.38
0.17734	9.96	31.24	25.00	41.20	34.96	64.61	54.61	-23.41	-19.65
0.50938	9.99	28.03	19.77	38.02	29.76	56.00	46.00	-17.98	-16.24
2.22656	10.11	21.97	17.28	32.08	27.39	56.00	46.00	-23.92	-18.61
7.85938	10.43	23.36	18.33	33.79	28.76	60.00	50.00	-26.21	-21.24
10.45703	10.58	21.11	16.04	31.69	26.62	60.00	50.00	-28.31	-23.38

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，符合低功率射頻電機技術規範之要求。

10.8 配置照片

請參照 Test Setup Photos

11 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)及 4 項(II)的規定
☒ 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

傳導輸出功率量測方法：

- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其最大傳導輸出功率。

發射頻寬量測方法：

- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 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 峰值傳導輸出功率之量測結果

操作模式	發射	測試日期	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

Non-Beamforming Mode

802.11a

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	23.84	22.55	22.31	22.36	764.393	28.83	30.00	Pass
40	5200	23.91	22.52	22.29	22.26	762.387	28.82	30.00	Pass
48	5240	23.63	22.41	22.38	22.49	755.257	28.78	30.00	Pass
52	5260	16.66	16.17	17.28	16.09	181.845	22.60	24.00	Pass
60	5300	16.79	15.92	16.89	16.71	182.583	22.61	24.00	Pass
64	5320	16.38	16.35	17.08	16.49	182.219	22.61	24.00	Pass
100	5500	16.13	15.17	17.49	16.22	171.889	22.35	24.00	Pass
116	5580	16.51	14.19	17.50	16.22	169.126	22.28	24.00	Pass
140	5700	14.98	15.07	17.43	17.24	171.915	22.35	24.00	Pass
*144 (U-NII-2C Band)	5720	9.17	10.26	11.93	11.73	49.367	16.93	22.95	Pass
*144 (U-NII-3 Band)	5720	3.04	4.08	5.96	5.26	11.875	10.75	30.00	Pass
149	5745	23.56	23.20	24.13	24.41	970.795	29.87	30.00	Pass
157	5785	23.98	23.43	24.32	23.94	988.466	29.95	30.00	Pass
165	5825	23.62	23.88	24.37	23.98	998.049	29.99	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	61.242	17.87

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
144	5720	14.76	15.59	17.30	17.09	171.018	22.33

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.56	21.79	21.63	21.49
60	5300	21.67	21.81	21.78	21.70
64	5320	21.49	21.86	21.73	21.40
100	5500	21.66	21.54	21.64	21.69
116	5580	21.64	21.74	21.76	21.68
140	5700	21.66	21.80	21.67	21.54
144 (U-NII-2C Band)	5720	15.75	15.78	15.86	15.68

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.49	24.32 > 24
60	5300	21.67	24.35 > 24
64	5320	21.40	24.3 > 24
100	5500	21.54	24.33 > 24
116	5580	21.64	24.35 > 24
140	5700	21.54	24.33 > 24
144 (U-NII-2C Band)	5720	15.68	22.95 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.77	21.07	21.86	21.68	617.865	27.91	30.00	Pass
40	5200	23.69	22.31	22.40	22.15	741.939	28.70	30.00	Pass
48	5240	23.82	22.41	21.91	22.46	746.609	28.73	30.00	Pass
52	5260	16.98	16.04	16.46	16.03	174.413	22.42	24.00	Pass
60	5300	16.42	16.33	16.50	16.60	177.184	22.48	24.00	Pass
64	5320	16.43	15.85	16.85	16.43	174.784	22.43	24.00	Pass
100	5500	16.16	14.86	17.37	16.27	168.865	22.28	24.00	Pass
116	5580	16.34	14.29	17.53	15.93	165.704	22.19	24.00	Pass
140	5700	14.96	15.01	17.05	17.28	167.184	22.23	24.00	Pass
*144 (U-NII-2C Band)	5720	9.29	9.72	12.22	11.54	48.796	16.88	22.97	Pass
*144 (U-NII-3 Band)	5720	3.57	4.17	6.75	5.76	13.386	11.27	30.00	Pass
149	5745	23.68	23.22	23.75	24.20	943.404	29.75	30.00	Pass
157	5785	23.33	23.59	24.05	23.85	940.596	29.73	30.00	Pass
165	5825	23.16	24.07	23.96	23.85	953.831	29.79	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	62.182	17.94

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
144	5720	14.54	15.26	17.54	17.00	168.892	22.28

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.89	21.57	21.78	21.80
60	5300	21.86	21.68	21.53	21.82
64	5320	21.88	21.77	21.59	21.69
100	5500	21.87	21.72	21.57	21.73
116	5580	21.98	21.77	21.72	21.85
140	5700	21.84	21.72	21.69	21.76
144 (U-NII-2C Band)	5720	15.92	15.76	15.75	15.88

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.57	24.33 > 24
60	5300	21.53	24.33 > 24
64	5320	21.59	24.34 > 24
100	5500	21.57	24.33 > 24
116	5580	21.72	24.36 > 24
140	5700	21.69	24.36 > 24
144 (U-NII-2C Band)	5720	15.75	22.97 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	19.82	20.44	21.28	20.70	458.368	26.61	30.00	Pass
46	5230	24.54	23.61	23.47	23.29	949.696	29.78	30.00	Pass
54	5270	17.74	17.56	18.07	17.63	238.509	23.78	24.00	Pass
62	5310	18.15	17.47	18.15	17.30	240.176	23.81	24.00	Pass
102	5510	17.95	16.26	18.72	17.82	239.647	23.80	24.00	Pass
110	5550	18.28	15.88	19.08	17.65	245.144	23.89	24.00	Pass
134	5670	17.49	16.98	18.62	17.88	240.147	23.80	24.00	Pass
*142 (U-NII-2C Band)	5710	12.61	12.41	14.69	14.85	98.667	19.94	24.00	Pass
*142 (U-NII-3 Band)	5710	2.15	2.23	4.61	4.38	9.227	9.65	30.00	Pass
151	5755	23.69	23.29	23.76	24.38	959.029	29.82	30.00	Pass
159	5795	23.38	23.33	23.91	24.38	953.243	29.79	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	107.894	20.33

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
142	5710	16.53	16.65	18.64	18.75	239.319	23.79

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	41.86	41.10	41.43	41.30
62	5310	41.72	41.28	41.43	41.08
102	5510	41.58	41.41	41.55	41.00
110	5550	41.47	41.45	41.57	41.14
134	5670	41.62	41.50	41.52	41.12
142 (U-NII-2C Band)	5710	35.93	35.57	35.69	35.51

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.10	27.13 > 24
62	5310	41.08	27.13 > 24
102	5510	41.00	27.12 > 24
110	5550	41.14	27.14 > 24
134	5670	41.12	27.14 > 24
142 (U-NII-2C Band)	5710	35.51	26.5 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	20.99	20.70	20.92	21.54	509.249	27.07	30.00	Pass
58	5290	17.46	17.38	18.22	17.54	233.549	23.68	24.00	Pass
106	5530	17.51	15.73	19.21	17.85	238.097	23.77	24.00	Pass
122	5610	18.05	15.93	19.05	17.33	237.428	23.76	24.00	Pass
*138 (U-NII-2C Band)	5690	14.05	13.54	15.59	15.59	128.325	21.08	24.00	Pass
*138 (U-NII-3 Band)	5690	-2.19	-0.30	1.85	1.34	4.7192	6.74	30.00	Pass
155	5775	23.97	23.17	23.99	23.64	938.767	29.73	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	133.0442	21.24

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
138	5690	17.15	16.73	18.38	18.34	236.077	23.73

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	82.48	82.16	82.16	82.40
106	5530	82.75	82.32	81.86	82.38
122	5610	82.66	82.09	82.13	82.85
138 (U-NII-2C Band)	5690	76.44	76.01	75.92	76.10

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.16	30.14 > 24
106	5530	81.86	30.13 > 24
122	5610	82.09	30.14 > 24
138 (U-NII-2C Band)	5690	75.92	29.8 > 24

802.11ac (VHT160)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1 Band)	5250	11.43	11.06	12.13	11.25	63.063	18.00	30.00	Pass
*50 (U-NII-2A Band)	5250	11.59	11.73	11.57	11.35	64.167	18.07	24.00	Pass
114	5570	17.79	16.19	18.57	18.09	238.07	23.77	24.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
50	5250	127.23	21.05

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
50	5250	17.50	16.93	17.33	17.04	210.208	23.23

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-2A Band)	5250	163.38	164.76	163.33	163.15
114	5570	163.76	165.04	162.67	163.04

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	163.15	33.12 > 24
114	5570	162.67	33.11 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.81	21.13	21.89	21.76	625.196	27.96	30.00	Pass
40	5200	23.71	22.41	22.46	22.19	750.919	28.76	30.00	Pass
48	5240	23.82	22.53	21.92	22.53	754.71	28.78	30.00	Pass
52	5260	17.02	16.12	16.60	16.16	178.29	22.51	24.00	Pass
60	5300	16.52	16.39	16.63	16.72	181.441	22.59	24.00	Pass
64	5320	16.53	15.88	16.99	16.52	178.582	22.52	24.00	Pass
100	5500	16.29	14.96	17.47	16.27	172.104	22.36	24.00	Pass
116	5580	16.39	14.43	17.62	16.03	169.181	22.28	24.00	Pass
140	5700	15.09	15.06	17.06	17.29	168.744	22.27	24.00	Pass
*144 (U-NII-2C Band)	5720	9.15	9.16	12.33	11.81	49.85	16.98	22.97	Pass
*144 (U-NII-3 Band)	5720	3.87	3.97	7.26	6.48	15.037	11.77	30.00	Pass
149	5745	23.79	23.30	23.84	24.35	967.501	29.86	30.00	Pass
157	5785	23.46	23.69	24.15	23.98	965.755	29.85	30.00	Pass
165	5825	23.23	24.07	23.98	23.95	963.996	29.84	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	64.887	18.12

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
144	5720	14.69	15.26	17.67	17.03	171.963	22.35

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.78	21.68	22.00	21.83
60	5300	21.87	21.46	21.86	21.71
64	5320	21.76	21.58	21.81	21.87
100	5500	21.67	21.88	21.78	21.80
116	5580	21.78	21.84	21.88	21.87
140	5700	21.87	21.78	21.85	21.90
144 (U-NII-2C Band)	5720	15.95	15.82	15.75	15.83

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.68	24.36 > 24
60	5300	21.46	24.31 > 24
64	5320	21.58	24.34 > 24
100	5500	21.67	24.35 > 24
116	5580	21.78	24.38 > 24
140	5700	21.78	24.38 > 24
144 (U-NII-2C Band)	5720	15.75	22.97 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	19.84	20.53	21.37	20.72	464.483	26.67	30.00	Pass
46	5230	24.57	23.67	23.56	23.31	960.502	29.82	30.00	Pass
54	5270	17.81	17.64	18.13	17.71	242.504	23.85	24.00	Pass
62	5310	18.21	17.48	18.21	17.42	243.628	23.87	24.00	Pass
102	5510	18.09	16.33	18.81	17.89	244.922	23.89	24.00	Pass
110	5550	18.32	15.96	19.12	17.68	247.638	23.94	24.00	Pass
134	5670	17.59	17.02	18.68	17.96	244.069	23.88	24.00	Pass
*142 (U-NII-2C Band)	5710	12.96	12.79	14.57	15.31	105.857	20.25	24.00	Pass
*142 (U-NII-3 Band)	5710	2.85	3.08	4.75	5.27	10.765	10.32	30.00	Pass
151	5755	23.78	23.31	23.81	24.48	974.049	29.89	30.00	Pass
159	5795	23.53	23.41	23.96	24.42	970.284	29.87	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	116.622	20.67

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
142	5710	16.62	16.76	18.68	18.79	242.817	23.85

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	41.32	41.78	41.63	41.84
62	5310	41.65	41.71	41.48	41.71
102	5510	41.50	41.68	41.48	41.60
110	5550	41.40	41.70	41.47	41.41
134	5670	41.45	41.73	41.33	41.52
142 (U-NII-2C Band)	5710	35.64	35.84	35.80	35.78

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.32	27.16 > 24
62	5310	41.48	27.17 > 24
102	5510	41.48	27.17 > 24
110	5550	41.40	27.17 > 24
134	5670	41.33	27.16 > 24
142 (U-NII-2C Band)	5710	35.64	26.51 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	21.00	20.77	20.95	21.57	513.292	27.10	30.00	Pass
58	5290	17.58	17.52	18.33	17.64	239.927	23.80	24.00	Pass
106	5530	17.62	15.86	19.26	17.92	242.635	23.85	24.00	Pass
122	5610	18.18	15.98	19.08	17.48	242.28	23.84	24.00	Pass
*138 (U-NII-2C Band)	5690	14.38	13.93	15.51	15.49	132.944	21.24	24.00	Pass
*138 (U-NII-3 Band)	5690	0.10	0.56	2.63	2.03	6.036	7.81	30.00	Pass
155	5775	24.07	23.25	24.11	23.75	961.388	29.83	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	138.98	21.43

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
138	5690	17.23	16.81	18.49	18.39	240.474	23.81

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	83.20	82.91	82.59	82.46
106	5530	81.98	82.55	82.53	82.46
122	5610	82.27	82.26	82.57	82.46
138 (U-NII-2C Band)	5690	76.02	76.35	76.09	76.16

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.46	30.16 > 24
106	5530	81.98	30.13 > 24
122	5610	82.26	30.15 > 24
138 (U-NII-2C Band)	5690	76.02	29.8 > 24

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1 Band)	5250	11.70	10.99	11.94	11.08	63.021	17.99	30.00	Pass
*50 (U-NII-2A Band)	5250	11.85	11.66	11.57	11.33	65.392	18.16	24.00	Pass
114	5570	17.92	16.23	18.62	18.13	241.711	23.83	24.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
50	5250	128.413	21.09

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
50	5250	17.56	16.97	17.41	17.13	213.513	23.29

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-2A Band)	5250	163.73	163.49	164.35	163.60
114	5570	163.29	164.07	163.58	163.34

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	163.49	33.13 > 24
114	5570	163.29	33.12 > 24

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.77	21.07	21.86	21.68	617.865	27.91	28.85	Pass
40	5200	23.69	22.31	22.40	22.15	741.939	28.70	28.85	Pass
48	5240	23.82	22.41	21.91	22.46	746.609	28.73	28.85	Pass
52	5260	16.98	16.04	16.46	16.03	174.413	22.42	22.63	Pass
60	5300	16.42	16.33	16.50	16.60	177.184	22.48	22.63	Pass
64	5320	16.43	15.85	16.85	16.43	174.784	22.43	22.63	Pass
100	5500	16.16	14.86	17.37	16.27	168.865	22.28	22.38	Pass
116	5580	16.34	14.29	17.53	15.93	165.704	22.19	22.38	Pass
140	5700	14.96	15.01	17.05	17.28	167.184	22.23	22.38	Pass
*144 (U-NII-2C Band)	5720	9.29	9.72	12.22	11.54	48.796	16.88	21.35	Pass
*144 (U-NII-3 Band)	5720	3.57	4.17	6.75	5.76	13.386	11.27	28.47	Pass
149	5745	22.24	21.80	22.28	22.81	678.879	28.32	28.47	Pass
157	5785	21.91	22.18	22.62	22.48	680.256	28.33	28.47	Pass
165	5825	21.72	22.46	22.32	22.32	666.008	28.23	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30-(7.15-6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	62.182	17.94

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
144	5720	14.54	15.26	17.54	17.00	168.892	22.28

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.89	21.57	21.78	21.80
60	5300	21.86	21.68	21.53	21.82
64	5320	21.88	21.77	21.59	21.69
100	5500	21.87	21.72	21.57	21.73
116	5580	21.98	21.77	21.72	21.85
140	5700	21.84	21.72	21.69	21.76
144 (U-NII-2C Band)	5720	15.92	15.76	15.75	15.88

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.57	24.33 > 24
60	5300	21.53	24.33 > 24
64	5320	21.59	24.34 > 24
100	5500	21.57	24.33 > 24
116	5580	21.72	24.36 > 24
140	5700	21.69	24.36 > 24
144 (U-NII-2C Band)	5720	15.75	22.97 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	19.82	20.44	21.28	20.70	458.368	26.61	28.85	Pass
46	5230	23.46	22.51	22.47	22.13	739.967	28.69	28.85	Pass
54	5270	16.29	16.27	16.83	16.59	178.723	22.52	22.63	Pass
62	5310	16.71	16.03	16.77	16.20	176.189	22.46	22.63	Pass
102	5510	16.58	14.63	17.14	16.30	168.958	22.28	22.38	Pass
110	5550	16.69	14.22	17.40	15.96	167.49	22.24	22.38	Pass
134	5670	15.85	15.30	17.07	16.36	166.527	22.21	22.38	Pass
*142 (U-NII-2C Band)	5710	10.33	10.87	10.12	12.65	53.326	17.27	22.38	Pass
*142 (U-NII-3 Band)	5710	-0.09	0.69	-0.02	2.13	4.931	6.93	28.47	Pass
151	5755	22.22	21.76	22.26	23.01	684.946	28.36	28.47	Pass
159	5795	21.87	21.76	22.47	22.75	668.752	28.25	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30 - (7.15 - 6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to $30 - (7.53 - 6) = 28.47\text{dBm}$.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	58.257	17.65

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
142	5710	14.84	15.18	17.08	17.15	166.37	22.21

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	41.86	41.10	41.43	41.30
62	5310	41.72	41.28	41.43	41.08
102	5510	41.58	41.41	41.55	41.00
110	5550	41.47	41.45	41.57	41.14
134	5670	41.62	41.50	41.52	41.12
142 (U-NII-2C Band)	5710	35.93	35.57	35.69	35.51

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.10	27.13 > 24
62	5310	41.08	27.13 > 24
102	5510	41.00	27.12 > 24
110	5550	41.14	27.14 > 24
134	5670	41.12	27.14 > 24
142 (U-NII-2C Band)	5710	35.51	26.5 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	20.99	20.70	20.92	21.54	509.249	27.07	28.85	Pass
58	5290	16.25	16.33	17.00	16.36	178.494	22.52	22.63	Pass
106	5530	16.06	14.20	17.62	16.30	167.136	22.23	22.38	Pass
122	5610	16.53	14.48	17.43	15.94	167.631	22.24	22.38	Pass
*138 (U-NII-2C Band)	5690	11.19	10.61	12.51	12.43	63.902	18.06	22.38	Pass
*138 (U-NII-3 Band)	5690	-3.60	-3.32	-1.22	-1.84	2.4629	3.91	28.47	Pass
155	5775	21.14	21.58	24.03	21.47	667.108	28.24	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30-(7.15-6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	66.3649	18.22

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
138	5690	15.63	15.26	16.90	16.82	167.195	22.23

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	82.48	82.16	82.16	82.40
106	5530	82.75	82.32	81.86	82.38
122	5610	82.66	82.09	82.13	82.85
138 (U-NII-2C Band)	5690	76.44	76.01	75.92	76.10

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.16	30.14 > 24
106	5530	81.86	30.13 > 24
122	5610	82.09	30.14 > 24
138 (U-NII-2C Band)	5690	75.92	29.8 > 24

802.11ac (VHT160)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1 Band)	5250	10.55	8.83	10.55	10.75	47.27	16.75	28.85	Pass
*50 (U-NII-2A Band)	5250	10.95	9.41	10.18	10.89	49.116	16.91	22.63	Pass
114	5570	16.42	14.74	17.10	16.53	169.902	22.30	22.38	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30 - (7.15 - 6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
50	5250	96.386	19.84

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
50	5250	16.36	16.14	16.31	16.21	168.905	22.28

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-2A Band)	5250	163.38	164.76	163.33	163.15
114	5570	163.76	165.04	162.67	163.04

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = $11\text{dBm} + 10\log B$ <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	163.15	33.12 > 24
114	5570	162.67	33.11 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.81	21.13	21.89	21.76	625.196	27.96	28.85	Pass
40	5200	23.71	22.41	22.46	22.19	750.919	28.76	28.85	Pass
48	5240	23.82	22.53	21.92	22.53	754.71	28.78	28.85	Pass
52	5260	17.02	16.12	16.60	16.16	178.29	22.51	22.63	Pass
60	5300	16.52	16.39	16.63	16.72	181.441	22.59	22.63	Pass
64	5320	16.53	15.88	16.99	16.52	178.582	22.52	22.63	Pass
100	5500	16.29	14.96	17.47	16.27	172.104	22.36	22.38	Pass
116	5580	16.39	14.43	17.62	16.03	169.181	22.28	22.38	Pass
140	5700	15.09	15.06	17.06	17.29	168.744	22.27	22.38	Pass
*144 (U-NII-2C Band)	5720	9.15	9.16	12.33	11.81	49.85	16.98	21.35	Pass
*144 (U-NII-3 Band)	5720	3.87	3.97	7.26	6.48	15.037	11.77	28.47	Pass
149	5745	22.34	21.80	22.38	22.85	688.486	28.38	28.47	Pass
157	5785	21.96	22.30	22.65	22.54	690.41	28.39	28.47	Pass
165	5825	21.73	22.57	22.45	22.45	681.237	28.33	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to 30-(7.15-6) = 28.85dBm.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to 30-(7.53-6) = 28.47dBm.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	64.887	18.12

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
144	5720	14.69	15.26	17.67	17.03	171.963	22.35

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.78	21.68	22.00	21.83
60	5300	21.87	21.46	21.86	21.71
64	5320	21.76	21.58	21.81	21.87
100	5500	21.67	21.88	21.78	21.80
116	5580	21.78	21.84	21.88	21.87
140	5700	21.87	21.78	21.85	21.90
144 (U-NII-2C Band)	5720	15.95	15.82	15.75	15.83

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.68	24.36 > 24
60	5300	21.46	24.31 > 24
64	5320	21.58	24.34 > 24
100	5500	21.67	24.35 > 24
116	5580	21.78	24.38 > 24
140	5700	21.78	24.38 > 24
144 (U-NII-2C Band)	5720	15.75	22.97 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	19.84	20.53	21.37	20.72	464.483	26.67	28.85	Pass
46	5230	23.57	22.64	22.56	22.23	758.575	28.80	28.85	Pass
54	5270	16.42	16.28	16.92	16.65	181.757	22.59	22.63	Pass
62	5310	16.84	16.09	16.89	16.21	179.598	22.54	22.63	Pass
102	5510	16.61	14.69	17.27	16.35	171.743	22.35	22.38	Pass
110	5550	16.71	14.35	17.49	16.09	170.857	22.33	22.38	Pass
134	5670	15.94	15.39	17.11	16.41	169.014	22.28	22.38	Pass
*142 (U-NII-2C Band)	5710	10.44	10.70	12.83	12.53	62.55	17.96	22.38	Pass
*142 (U-NII-3 Band)	5710	0.43	1.15	3.32	2.57	6.643	8.22	28.47	Pass
151	5755	22.31	21.89	22.34	23.01	696.123	28.43	28.47	Pass
159	5795	21.99	21.86	22.51	22.89	684.361	28.35	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30 - (7.15 - 6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to $30 - (7.53 - 6) = 28.47\text{dBm}$.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	69.193	18.4

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
142	5710	14.92	15.26	17.19	17.29	170.56	22.32

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	41.32	41.78	41.63	41.84
62	5310	41.65	41.71	41.48	41.71
102	5510	41.50	41.68	41.48	41.60
110	5550	41.40	41.70	41.47	41.41
134	5670	41.45	41.73	41.33	41.52
142 (U-NII-2C Band)	5710	35.64	35.84	35.80	35.78

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.32	27.16 > 24
62	5310	41.48	27.17 > 24
102	5510	41.48	27.17 > 24
110	5550	41.40	27.17 > 24
134	5670	41.33	27.16 > 24
142 (U-NII-2C Band)	5710	35.64	26.51 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	21.00	20.77	20.95	21.57	513.292	27.10	28.85	Pass
58	5290	16.31	16.36	17.12	16.44	181.585	22.59	22.63	Pass
106	5530	16.13	14.32	17.72	16.44	171.271	22.34	22.38	Pass
122	5610	16.62	14.49	17.56	16.01	170.957	22.33	22.38	Pass
*138 (U-NII-2C Band)	5690	11.27	10.88	12.43	12.55	66.02	18.20	22.38	Pass
*138 (U-NII-3 Band)	5690	-2.87	-2.48	-0.67	-1.18	2.9164	4.65	28.47	Pass
155	5775	21.27	21.64	24.11	21.53	679.714	28.32	28.47	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30-(7.15-6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".
4. For U-NII-3: The directional gain = 7.53dBi > 6dBi, so the power limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	68.9364	18.38

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
138	5690	15.63	15.31	16.96	16.89	169.046	22.28

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	83.20	82.91	82.59	82.46
106	5530	81.98	82.55	82.53	82.46
122	5610	82.27	82.26	82.57	82.46
138 (U-NII-2C Band)	5690	76.02	76.35	76.09	76.16

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.46	30.16 > 24
106	5530	81.98	30.13 > 24
122	5610	82.26	30.15 > 24
138 (U-NII-2C Band)	5690	76.02	29.8 > 24

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1 Band)	5250	10.11	8.80	11.22	10.93	49.096	16.91	28.85	Pass
*50 (U-NII-2A Band)	5250	10.34	9.36	10.85	11.15	50.41	17.03	22.63	Pass
114	5570	16.43	14.79	17.21	16.63	172.712	22.37	22.38	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power limit shall be reduced to $30 - (7.15 - 6) = 28.85\text{dBm}$.
2. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.37-6)".
3. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power limit shall be reduced to "Determined Conducted Limit- (7.62-6)".

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
50	5250	99.506	19.98

Note: The total power was calculated through formula and record the value for reference only.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3		
50	5250	16.42	16.16	16.45	16.33	172.269	22.36

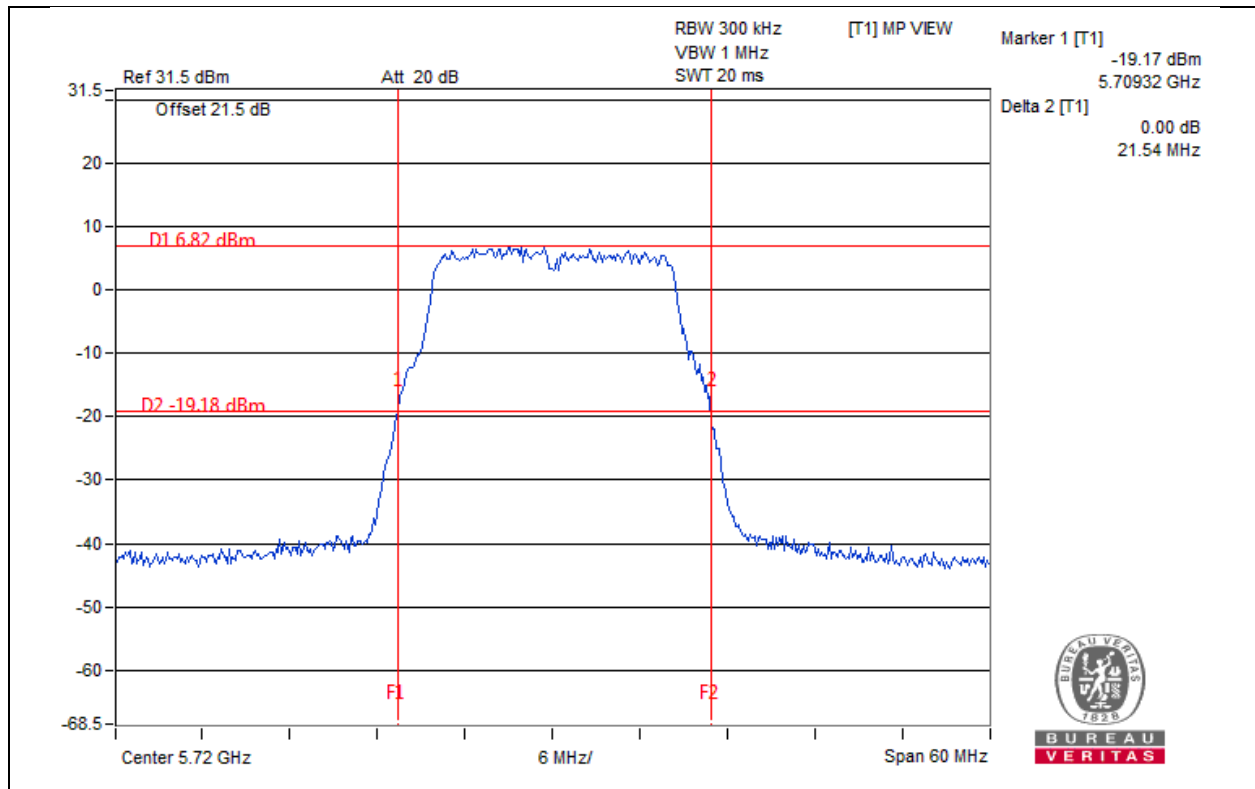
26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-2A Band)	5250	163.73	163.49	164.35	163.60
114	5570	163.29	164.07	163.58	163.34

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = $11\text{dBm} + 10\log B$ <U-NII-2A, U-NII-2C>			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	163.49	33.13 > 24
114	5570	163.29	33.12 > 24

**此測試圖僅放測試結果最差的頻道。



11.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

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)及 4 項(II)的規定
☒	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

	待測物操作頻帶	KDB 789033 D02 量測方法	KDB 662911 D01 量測方法
☒	5.15 GHz~5.25 GHz	☒ SA-1 ☐ SA-1 alternative ☐ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.25 GHz~5.35 GHz	☒ SA-1 ☐ SA-1 alternative ☐ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.470 GHz~5.725 GHz	☒ SA-1 ☐ SA-1 alternative ☐ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.725 GHz~5.850 GHz	☒ SA-1 ☐ SA-1 alternative ☐ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☐ Section E)2)a) ☐ Section E)2)b) ☒ Section E)2)c)

For 802.11a:

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value

For U-NII-3:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. 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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value

For other modulation:**For U-NII-1, U-NII-2A, U-NII-2C band:**

Using method SA-2

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and add 10 log (1/duty cycle)

For U-NII-3:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. 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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and add 10 log (1/duty cycle)

12.3 量測功率頻譜密度之儀器

同 9.3 節。

12.4 功率頻譜密度之測試配置

同 9.4 節

12.5 功率頻譜密度之量測結果

操作模式	發射	測試日期	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

For U-NII-1, U-NII-2A, U-NII-2C:

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)				Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3			
36	5180	9.79	8.62	8.06	8.17	14.74	15.85	Pass
40	5200	9.76	8.28	8.19	7.96	14.63	15.85	Pass
48	5240	10.04	8.24	8.38	8.38	14.85	15.85	Pass
52	5260	2.64	2.04	2.95	1.78	8.40	9.63	Pass
60	5300	3.01	1.67	2.77	2.90	8.64	9.63	Pass
64	5320	2.18	2.17	3.01	2.46	8.49	9.63	Pass
100	5500	2.18	1.02	3.16	2.14	8.21	9.38	Pass
116	5580	2.44	-0.03	3.15	2.40	8.16	9.38	Pass
140	5700	0.72	0.80	3.53	3.00	8.22	9.38	Pass
144 (U-NII-2C Band)	5720	-0.95	0.27	1.58	1.35	6.69	9.38	Pass

- Note:**
- Method 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.
 - For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power density limit shall be reduced to $17-(7.15-6) = 15.85\text{dBm}$.
 - For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power density limit shall be reduced to $11-(7.37-6) = 9.63\text{dBm}$.
 - For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power density limit shall be reduced to $11-(7.62-6) = 9.38\text{dBm}$.

802.11ax (HE20)

Chan.	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	8.26	6.36	7.08	6.94	0.10	13.34	15.85	Pass
40	5200	9.10	7.51	7.53	7.57	0.10	14.10	15.85	Pass
48	5240	8.98	7.94	7.17	7.55	0.10	14.08	15.85	Pass
52	5260	2.11	1.22	2.64	1.39	0.10	8.00	9.63	Pass
60	5300	1.48	1.53	1.83	1.85	0.10	7.80	9.63	Pass
64	5320	1.65	1.28	2.01	1.77	0.10	7.81	9.63	Pass
100	5500	1.35	-0.10	2.78	1.74	0.10	7.68	9.38	Pass
116	5580	1.29	-0.21	2.95	1.26	0.10	7.59	9.38	Pass
140	5700	0.06	0.00	2.31	2.42	0.10	7.47	9.38	Pass
144 (U-NII-2C Band)	5720	-1.70	-0.92	1.59	1.02	0.10	6.32	9.38	Pass

- Note:**
1. Method 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: The directional gain = 7.15dBi > 6dBi, so the power density limit shall be reduced to $17-(7.15-6) = 15.85\text{dBm}$.
 3. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power density limit shall be reduced to $11-(7.37-6) = 9.63\text{dBm}$.
 4. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power density limit shall be reduced to $11-(7.62-6) = 9.38\text{dBm}$.

802.11ax (HE40)

Chan.	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	2.15	2.72	3.82	3.22	0.19	9.23	15.85	Pass
46	5230	6.94	6.05	6.10	5.38	0.19	12.36	15.85	Pass
54	5270	0.28	-0.12	0.59	0.27	0.19	6.47	9.63	Pass
62	5310	1.01	-0.11	0.73	0.00	0.19	6.64	9.63	Pass
102	5510	0.68	-1.75	1.38	0.01	0.19	6.44	9.38	Pass
110	5550	0.69	-1.84	1.87	-0.19	0.19	6.55	9.38	Pass
134	5670	-0.33	-0.56	0.97	0.35	0.19	6.36	9.38	Pass
142 (U-NII-2C Band)	5710	-0.96	-1.21	0.46	1.59	0.19	6.33	9.38	Pass

- Note:** 1. Method 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: The directional gain = 7.15dBi > 6dBi, so the power density limit shall be reduced to $17-(7.15-6) = 15.85\text{dBm}$.
3. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power density limit shall be reduced to $11-(7.37-6) = 9.63\text{dBm}$.
4. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power density limit shall be reduced to $11-(7.62-6) = 9.38\text{dBm}$.
5. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	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	1.22	0.06	0.37	1.05	0.33	7.05	15.85	Pass
58	5290	-3.08	-3.02	-2.38	-2.71	0.33	3.56	9.63	Pass
106	5530	-2.24	-4.62	-1.25	-2.39	0.33	3.89	9.38	Pass
122	5610	-2.38	-4.74	-1.11	-3.02	0.33	3.73	9.38	Pass
138 (U-NII-2C Band)	5690	-3.30	-3.49	-1.61	-1.33	0.33	4.03	9.38	Pass

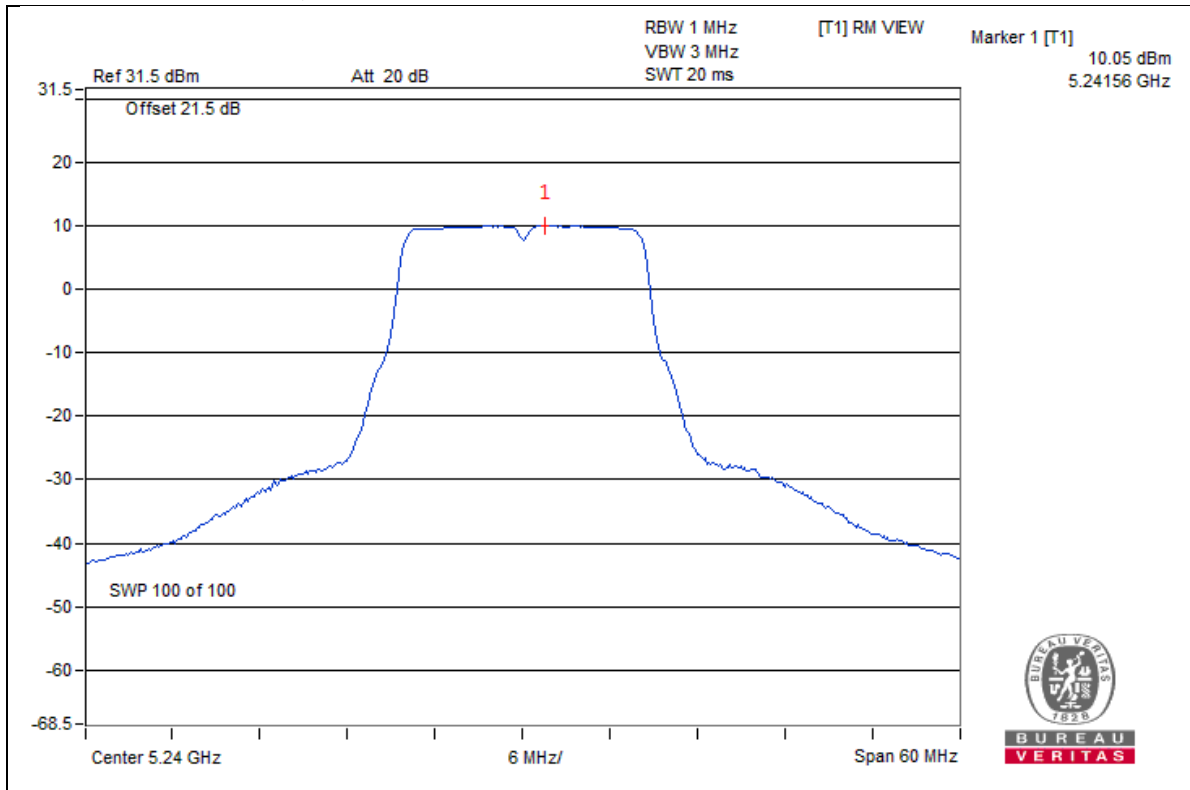
- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1: The directional gain = 7.15dBi > 6dBi, so the power density limit shall be reduced to $17-(7.15-6) = 15.85\text{dBm}$.
3. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power density limit shall be reduced to $11-(7.37-6) = 9.63\text{dBm}$.
4. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power density limit shall be reduced to $11-(7.62-6) = 9.38\text{dBm}$.
5. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE160)

Chan.	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				
50 (U-NII-1 Band)	5250	-4.90	-5.72	-4.86	-5.41	0.53	1.34	15.85	Pass
50 (U-NII-2A Band)	5250	-4.90	-5.72	-4.86	-5.41	0.53	1.34	9.63	Pass
114	5570	-5.38	-7.09	-3.18	-4.09	0.53	1.85	9.38	Pass

- Note:**
1. Method 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: The directional gain = 7.15dBi > 6dBi, so the power density limit shall be reduced to $17-(7.15-6) = 15.85\text{dBm}$.
 3. For U-NII-2A: The directional gain = 7.37dBi > 6dBi, so the power density limit shall be reduced to $11-(7.37-6) = 9.63\text{dBm}$.
 4. For U-NII-2C: The directional gain = 7.62dBi > 6dBi, so the power density limit shall be reduced to $11-(7.62-6) = 9.38\text{dBm}$.
 5. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



For U-NII-3:

802.11a

Chan.	Freq. (MHz)	PSD (dBm/300kHz)				Total PSD		Total PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
		Chain 0	Chain 1	Chain 2	Chain 3	mW/ 300kHz	dBm/ 300kHz			
144 (U-NII-3 Band)	5720	-9.52	-8.04	-6.76	-7.37	0.6628	-1.79	0.43	28.47	Pass
149	5745	1.37	1.67	2.69	2.68	6.5511	8.16	10.38	28.47	Pass
157	5785	2.50	1.57	3.02	2.30	6.9165	8.40	10.62	28.47	Pass
165	5825	2.32	1.88	2.59	2.05	6.6665	8.24	10.46	28.47	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 7.53dBi > 6dBi, so the power density limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.

802.11ax (HE20)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)				Duty Factor (dB)	Total PSD With Duty Factor		Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1	Chain 2	Chain 3		mW/300 kHz	dBm/300kHz			
144 (U-NII-3 Band)	5720	-10.20	-9.87	-7.12	-7.67	0.10	0.57653	-2.39	-0.17	28.47	Pass
149	5745	0.23	0.69	1.53	1.06	0.10	5.0381	7.02	9.24	28.47	Pass
157	5785	0.80	1.01	1.81	1.26	0.10	5.4395	7.36	9.58	28.47	Pass
165	5825	0.85	1.36	1.39	0.92	0.10	5.3161	7.26	9.48	28.47	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 7.53dBi > 6dBi, so the power density limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)				Duty Factor (dB)	Total PSD With Duty Factor		Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1	Chain 2	Chain 3		mW/300 kHz	dBm/300kHz			
142 (U-NII-3 Band)	5710	-10.51	-10.49	-8.61	-7.91	0.19	0.49885	-3.02	-0.80	28.47	Pass
151	5755	-2.81	-2.85	-1.75	-1.48	0.19	2.5288	4.03	6.25	28.47	Pass
159	5795	-2.23	-2.18	-2.11	-1.50	0.19	2.6383	4.21	6.43	28.47	Pass

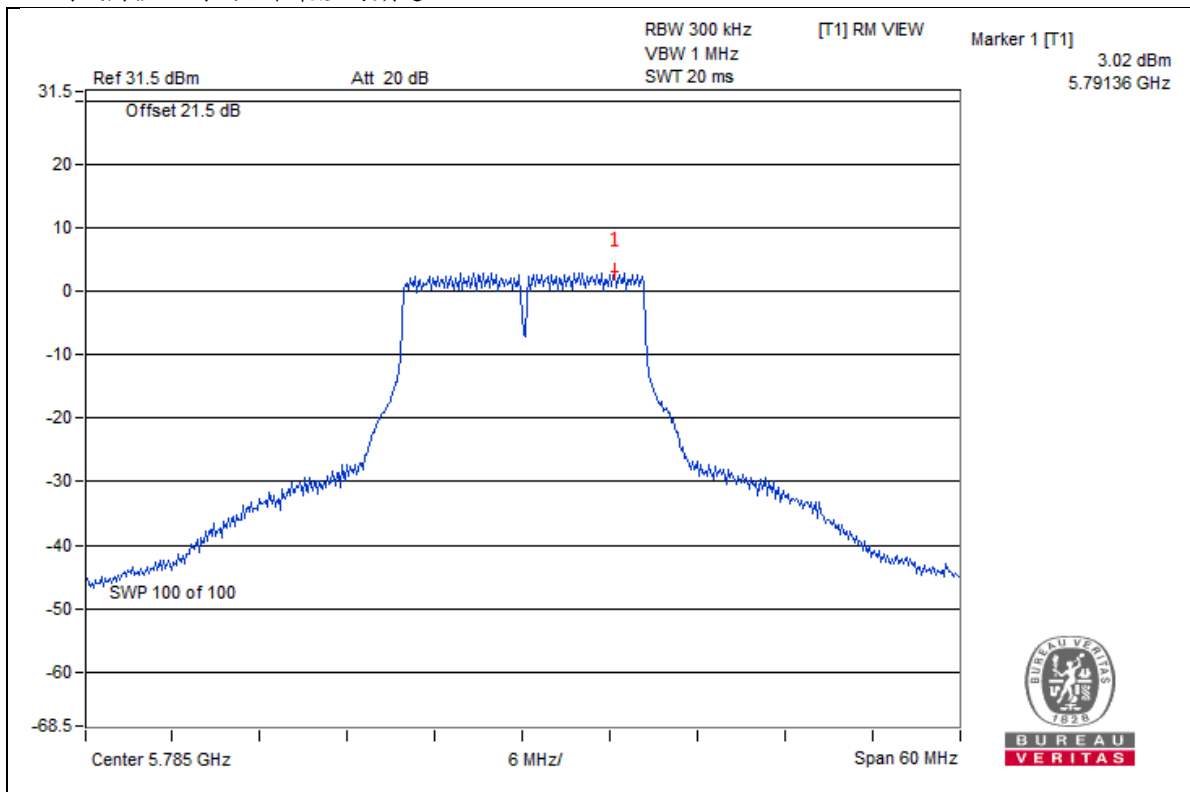
- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 7.53dBi > 6dBi, so the power density limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)				Duty Factor (dB)	Total PSD With Duty Factor		Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1	Chain 2	Chain 3		mW/300 kHz	dBm/300kHz			
138 (U-NII-3 Band)	5690	-13.83	-13.45	-11.24	-11.35	0.33	0.25383	-5.95	-3.73	28.47	Pass
155	5775	-10.50	-6.62	-5.84	-5.98	0.33	0.88545	-0.53	1.69	28.47	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 7.53dBi > 6dBi, so the power density limit shall be reduced to $30-(7.53-6) = 28.47\text{dBm}$.
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。



12.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

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 6 項(II)的規定

13.2 量測方法

- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 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	108 年 05 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	林俊鈞		

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (U-NII-3 Band)	5720	3.25	3.23	3.24	3.23	0.5	Pass
149	5745	16.37	16.35	16.40	16.39	0.5	Pass
157	5785	16.34	16.35	16.37	16.38	0.5	Pass
165	5825	16.36	16.37	16.36	16.33	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (U-NII-3 Band)	5720	4.51	4.55	4.54	4.55	0.5	Pass
149	5745	18.92	18.93	18.81	18.86	0.5	Pass
157	5785	18.83	18.98	18.82	18.84	0.5	Pass
165	5825	18.81	18.96	18.83	18.83	0.5	Pass

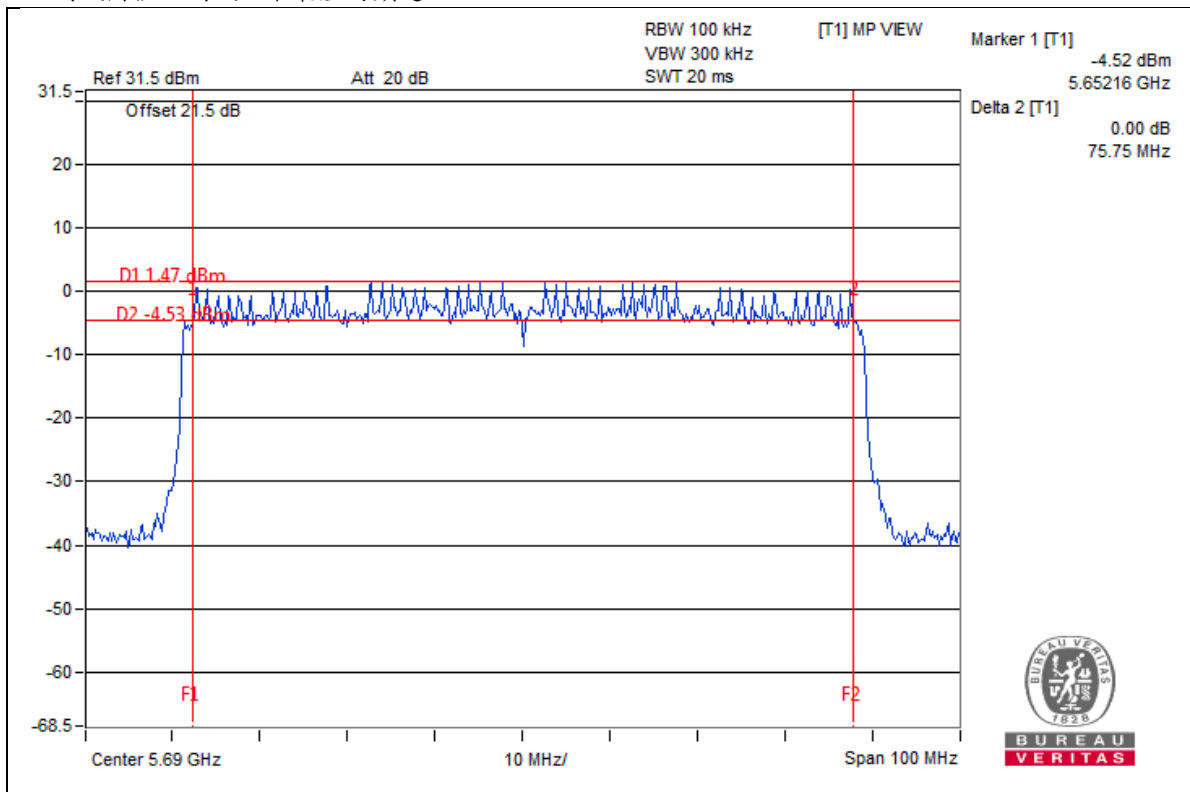
802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
142 (U-NII-3 Band)	5710	3.56	3.80	3.66	3.29	0.5	Pass
151	5755	37.40	37.06	37.82	37.27	0.5	Pass
159	5795	36.95	37.05	37.74	37.26	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
138 (U-NII-3 Band)	5690	3.25	3.07	2.99	2.91	0.5	Pass
155	5775	77.57	76.45	75.75	76.92	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



13.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

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 及 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。

$$b) P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm^2

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

14.3 評估結果

Operation Mode	Evaluation Frequency (MHz)	Max Power (mW)	Max. Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
WLAN 2.4GHz	2437	964.63	29.84	7.01	37	0.28167	1
WLAN U-NII-1	5230	960.502	29.82	7.15	37	0.28966	1
WLAN U-NII-2A	5310	243.628	23.87	7.37	37	0.07729	1
WLAN U-NII-2C	5550	247.638	23.94	7.62	37	0.08322	1
WLAN U-NII-3	5825	998.049	29.99	7.53	37	0.32850	1

NOTE:

2.4GHz: The directional gain = 7.01dBi

5GHz:

U-NII-1: The directional gain = 7.15dBi

U-NII-2A: The directional gain = 7.37dBi

U-NII-2C: The directional gain = 7.62dBi

U-NII-3: The directional gain = 7.53dBi

Conclusion:

The formula of calculated the MPE is:

$$CPD1 / LPD1 + CPD2 / LPD2 + \dots \text{etc.} < 1$$

CPD = Calculation power density

LPD = Limit of power density

WLAN 2.4GHz + WLAN 5GHz (low band) + WLAN 5GHz (high band)

$$= 0.28167 / 1 + 0.28966 / 1 + 0.32850 / 1 = 0.89983$$

Therefore the maximum calculations of above situations are less than the “1” limit.

15 Radiated Out of Band Emisison (OOBE) Measurement (For U-NII-3 Band)

802.11a

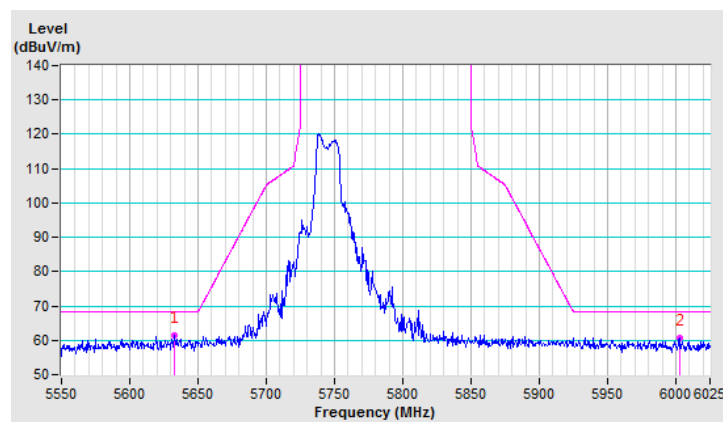
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108年3月7日	測試者：	江重慶

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	#5632.89	61.4 PK	68.2	-6.8	2.09 H	210	58.5	2.9
2	#6002.51	60.8 PK	68.2	-7.4	2.09 H	210	57.2	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



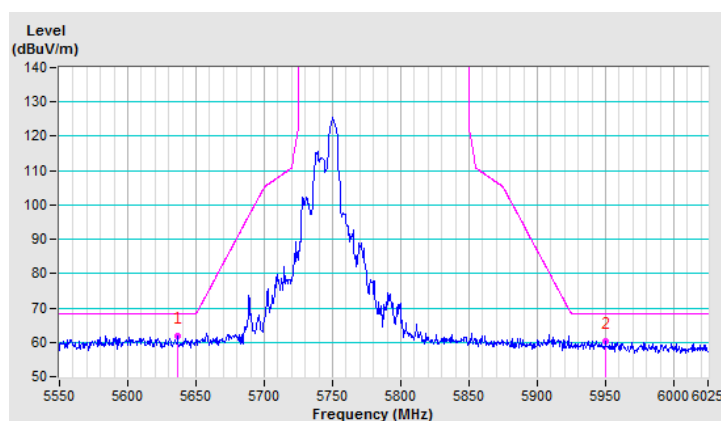
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5636.85	61.8 PK	68.2	-6.4	1.67 V	173	58.9	2.9
2	#5950.37	60.4 PK	68.2	-7.8	1.67 V	173	56.8	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



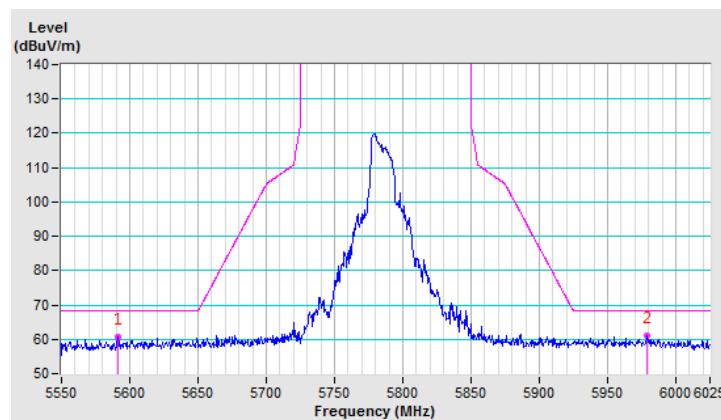
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5591.46	60.5 PK	68.2	-7.7	2.17 H	227	57.6	2.9
2	#5978.94	60.9 PK	68.2	-7.3	2.17 H	227	57.3	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



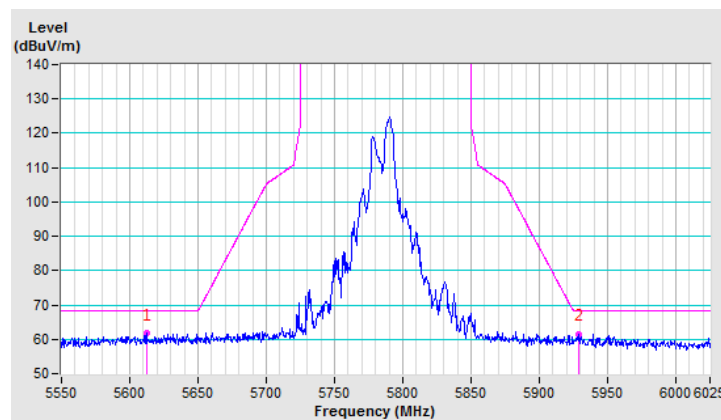
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5612.33	61.7 PK	68.2	-6.5	1.71 V	173	58.7	3.0
2	#5928.57	61.6 PK	68.2	-6.6	1.71 V	173	58.0	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



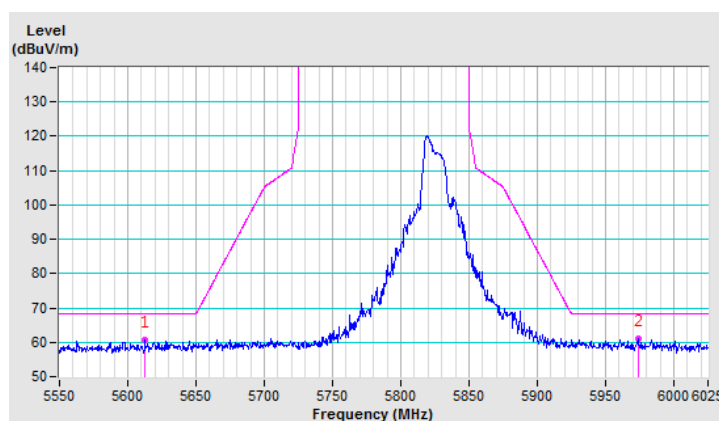
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5612.50	60.5 PK	68.2	-7.7	2.15 H	237	57.5	3.0
2	#5974.08	61.1 PK	68.2	-7.1	2.15 H	237	57.5	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



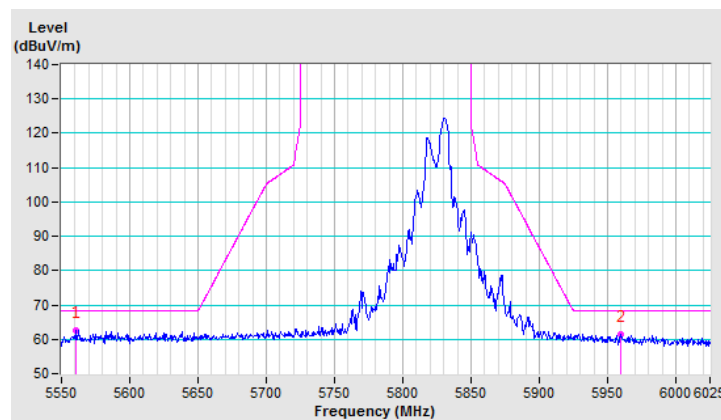
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5561.00	62.7 PK	68.2	-5.5	1.62 V	170	59.8	2.9
2	#5959.73	61.4 PK	68.2	-6.8	1.62 V	170	57.8	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



802.11ax (HE20)

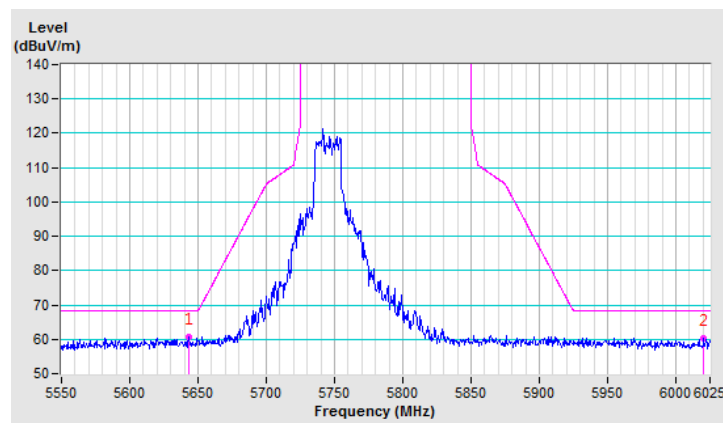
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	67%RH
測試日期：	108年3月7日	測試者：	江重慶

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	#5642.83	60.7 PK	68.2	-7.5	2.18 H	214	57.8	2.9
2	#6020.48	60.4 PK	68.2	-7.8	2.18 H	214	56.8	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



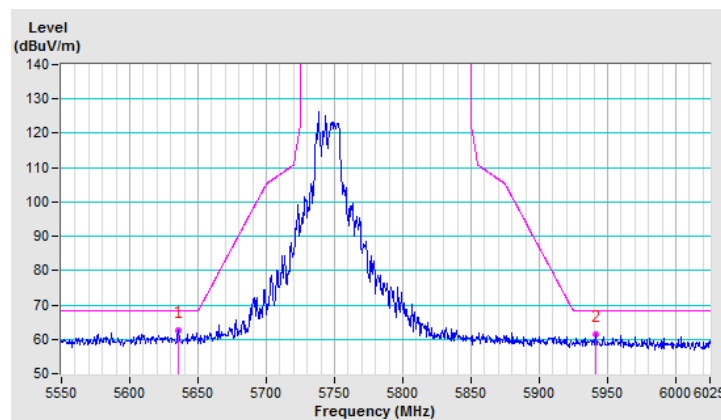
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5635.48	62.6 PK	68.2	-5.6	1.64 V	173	59.7	2.9
2	#5941.10	61.3 PK	68.2	-6.9	1.64 V	173	57.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



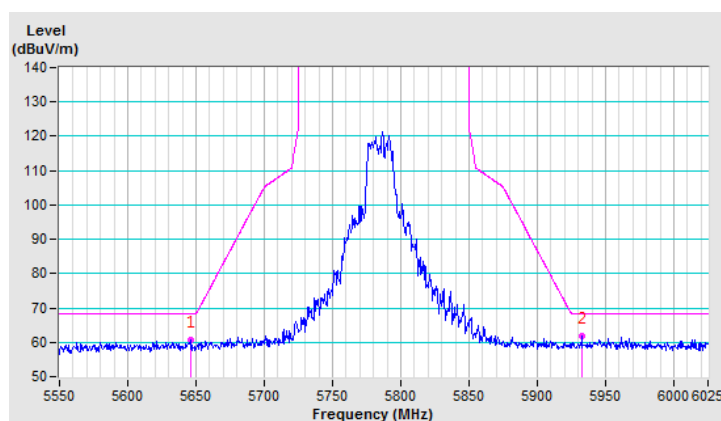
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5645.82	60.6 PK	68.2	-7.6	2.07 H	231	57.7	2.9
2	#5932.60	61.7 PK	68.2	-6.5	2.07 H	231	58.1	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



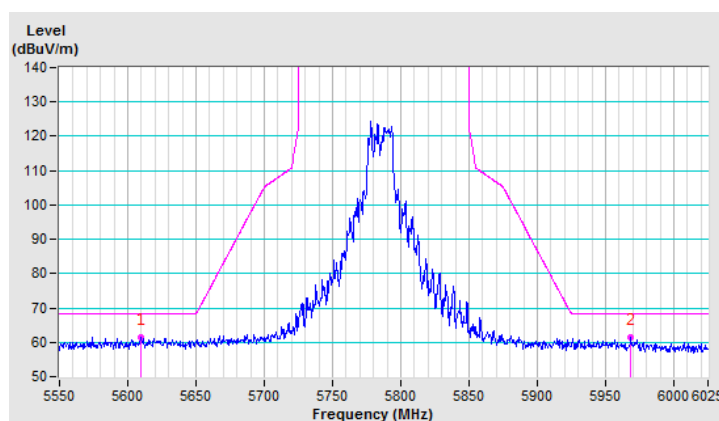
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5609.62	61.3 PK	68.2	-6.9	1.64 V	171	58.3	3.0
2	#5968.61	61.3 PK	68.2	-6.9	1.64 V	171	57.7	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



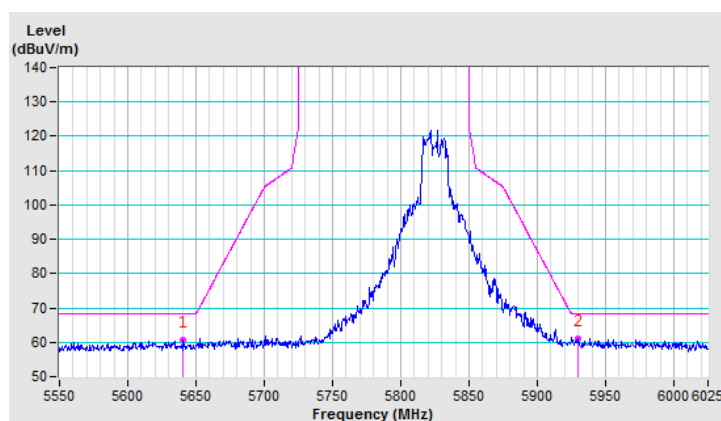
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5640.46	60.7 PK	68.2	-7.5	2.12 H	229	57.8	2.9
2	#5929.56	61.2 PK	68.2	-7.0	2.12 H	229	57.6	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



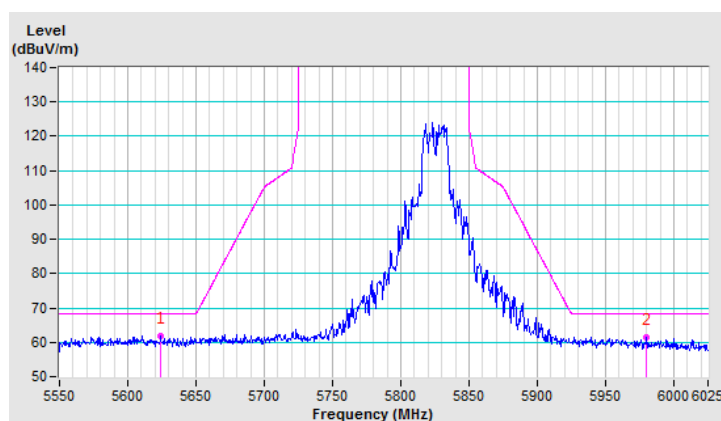
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5623.67	61.8 PK	68.2	-6.4	1.68 V	175	58.8	3.0
2	#5980.12	61.4 PK	68.2	-6.8	1.68 V	175	57.8	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



802.11ax (HE40)

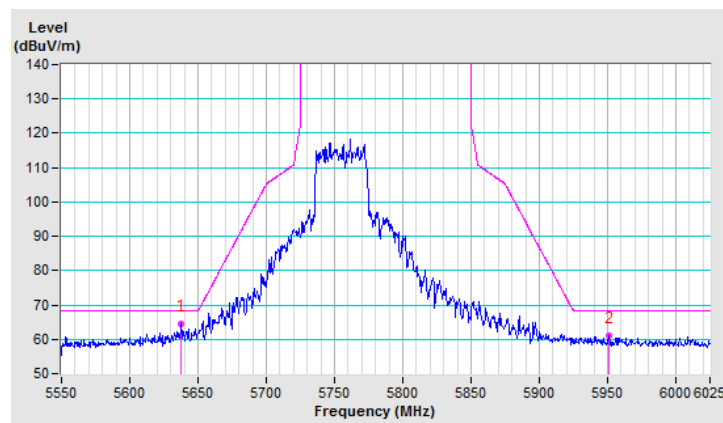
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	67%RH
測試日期：	108年3月7日	測試者：	江重慶

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	#5637.64	64.4 PK	68.2	-3.8	2.08 H	237	61.5	2.9
2	#5950.92	61.2 PK	68.2	-7.0	2.08 H	237	57.6	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



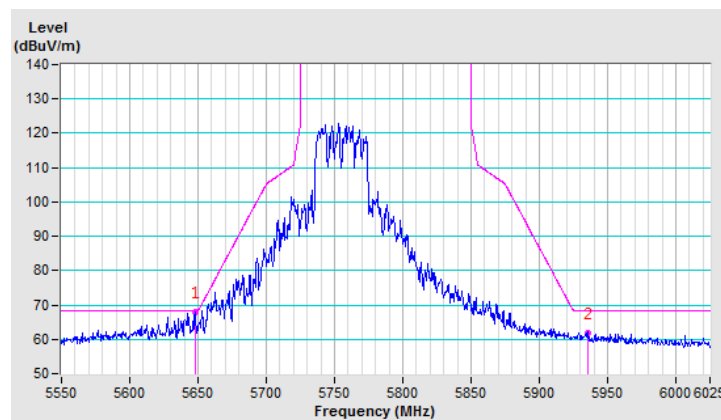
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 151 : 5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5647.61	68.1 PK	68.2	-0.1	1.52 V	174	65.2	2.9
2	#5935.97	62.0 PK	68.2	-6.2	1.52 V	174	58.4	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



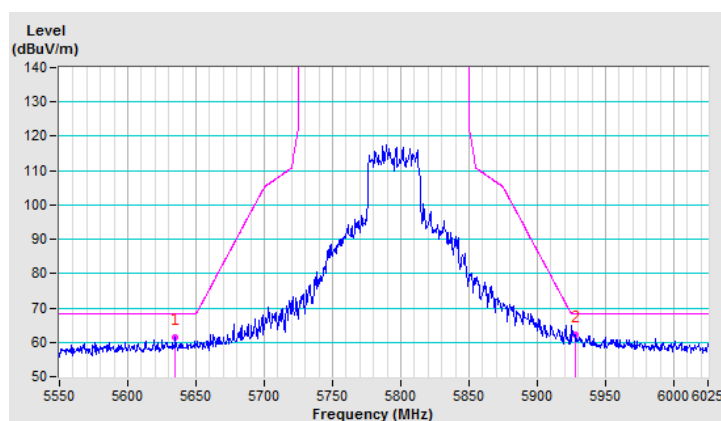
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5634.95	61.5 PK	68.2	-6.7	2.06 H	214	58.6	2.9
2	#5928.25	62.1 PK	68.2	-6.1	2.06 H	214	58.5	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



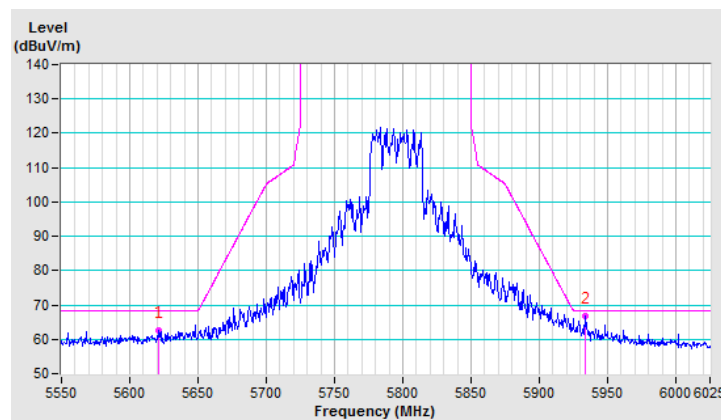
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5621.45	62.7 PK	68.2	-5.5	1.60 V	174	59.7	3.0
2	#5933.27	66.7 PK	68.2	-1.5	1.60 V	174	63.1	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



802.11ax (HE80)

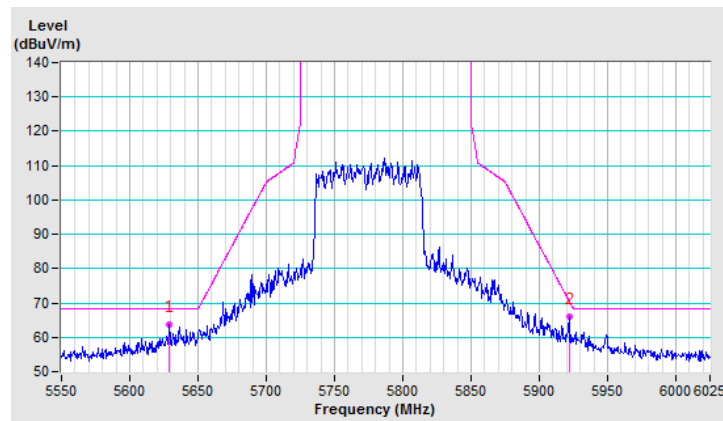
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5628.91	63.6 PK	68.2	-4.6	2.12 H	226	60.7	2.9
2	#5921.72	66.1 PK	70.6	-4.5	2.12 H	226	62.5	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



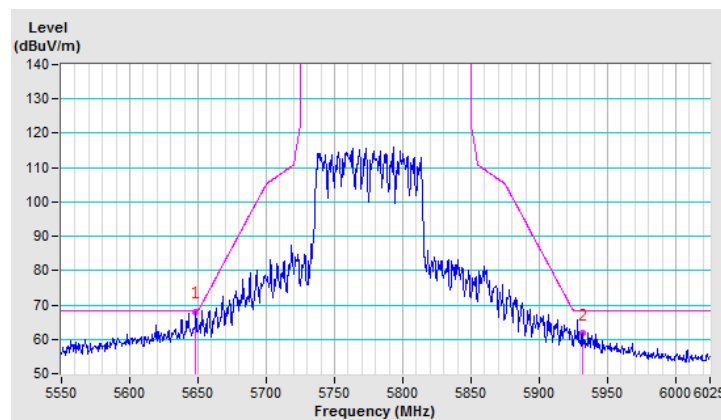
操作模式：	發射	調變技術：	OFDMA
基本波頻率：	CH 155 : 5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	67%RH
測試日期：	108 年 3 月 7 日	測試者：	江重慶

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	#5648.28	68.1 PK	68.2	-0.1	1.74 V	171	65.2	2.9
2	#5931.50	61.9 PK	68.2	-6.3	1.74 V	171	58.3	3.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.



16 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

您也可以在我们的網站內找到各實驗室的地圖。

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