

低功率射頻電機技術規範測試報告

報告編號.

RT161125E01F

申請者

網件有限公司

產品名稱

Orbi 牆插式延伸器

型號

RBW30

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

105 年 8 月 23 日修訂

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 106 年 12 月 07 日

報告簽署人簽章:

陳瓊美



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報告發行紀錄

Issue No.	Description	Date Issued
RT161125E01F	Original release.	106 年 12 月 07 日

證 明 書

產 品 名 稱：Orbi 牆插式延伸器
商 標：NETGEAR
型 號：RBW30
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(型號：RBW30)，收件日期 105 年 11 月 25 日，於 105 年 12 月 01 日至 105 年 12 月 22 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：  , 日期： 106 年 12 月 07 日
辛姿伶 / 專員

審 核 者：  , 日期： 106 年 12 月 07 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：Orbi 牆插式延伸器

型號：RBW30

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)

註：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，請參閱報告號碼：
RT161125E01F-2

WLAN 5.470~5.725GHz頻段概要

項次	量測項目	規 範	量測結果判定
1	電源線傳導干擾	低功率射頻電機技術規範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)

註： 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，請參閱報告號碼：
RT161125E01F-2

WLAN 5.725~5.850GHz 頻段概要

項次	量測項目	規 範	量測結果判定
1	電源線傳導干擾	低功率射頻電機技術規範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

2 一般敘述

2.1 待測設備

產品名稱：	Orbi 牆插式延伸器
型號：	RBW30
額定電源：	AC 100-240V, 60/50Hz, 0.2A
調變方式：	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT20/40 in 2.4GHz band
調變技術：	DSSS, OFDM
傳輸速率：	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
載波頻率：	2.4GHz: 2.412 ~ 2.462GHz 5GHz: 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.50 ~ 5.70GHz , 5.745 ~ 5.825GHz
頻道數：	2.4GHz: 802.11b, 802.11g, 802.11n (HT20), VHT20: 11 802.11n (HT40), VHT40: 7 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 24 802.11n (HT40), 802.11ac (VHT40): 11 802.11ac (VHT80): 5
發射功率：	2.4GHz: CDD Mode: 29.02 dBm Beamforming Mode: 28.90 dBm 5GHz: 5.18 ~ 5.24GHz: CDD Mode: 24.65 dBm Beamforming Mode: 24.90 dBm 5.26 ~ 5.32GHz: CDD Mode: 23.11 dBm Beamforming Mode: 23.94 dBm 5.50 ~ 5.70GHz: CDD Mode: 23.52 dBm Beamforming Mode: 23.76 dBm 5.745 ~ 5.825GHz: CDD Mode: 27.54 dBm Beamforming Mode: 27.53 dBm
天線種類：	見註
電源線類別：	見註
信號線類別：	NA
配件：	NA

註

1. 此待測設備具有被動式濾波器，其資料如下：

Main source	Spec	With gasket
	CIROCOMM TECHNOLOGY CORP. Part No.: 01152351J41F110 Part No.: 01156971J41F110	X V
Second source	JIA XING GLEAD ELECTRONICS CO., LTD Part No.: DFD5235S180DC Part No.: DFD5697S360DC	X

From the above source, the worst case was found in **Main source with gasket**. Therefore only the test data were recorded in this report.

2. 此待測設備之 Radio，其技術資訊如下：

Radio	Technology
1	2.4GHz + 5GHz-UNII-2C + 5GHz-UNII-3
2	5GHz-UNII-1 + 5GHz-UNII-2A
3	Bluetooth

3. 同一時間發射條件如下：

Condition	Technology		
1	WLAN (Radio 1) (2.4GHz) + 5GHz-UNII-2C + 5GHz-UNII-3)	WLAN (Radio 2) (5GHz-UNII-1 + 5GHz-UNII-2A)	Bluetooth (Radio 3)

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

4. 此待測設備搭配測試的天線，其資料如下：

Frequency range (GHz)	Directional Antenna Gain (dBi)
2.4 ~ 2.4835	5.9
5.18 ~ 5.24	4
5.26 ~ 5.32	4
5.50 ~ 5.70	5.89
5.745 ~ 5.825	5.89

5. 此待測設備經評估 三個正交軸方位評估測試擺設方式：平躺、直立、側放，其中以**直立**擺放擁有最大干擾值，故以此擺放方式進行最終量測，並將測試結果紀錄。

6. 此待測物之技術的種類為 2TX / 2RX 之組合。

2.4GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11b	1 ~ 11Mbps	2TX	2RX
802.11g	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
VHT20	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
VHT40	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
5GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11a	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11ac (VHT20)	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
802.11ac (VHT40)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
802.11ac (VHT80)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX

Note:

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

7. 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。

量測項目	發射	接收
2412 ~ 2462MHz		
1GHz 以上量測	802.11b: Ch 1, 6, 11 802.11g: Ch 1, 6, 11 802.11n (HT20): Ch 1, 6, 11 802.11n (HT40): Ch 3, 6, 9	Ch 1, 6, 11
其它不必要之訊號	802.11g: Ch 6	Ch 6
5180 ~ 5240MHz		
1GHz 以上量測	802.11a: Ch 36, 40, 48 802.11ac (VHT20): Ch 36, 40, 48 802.11ac (VHT40): Ch 38, 46 802.11ac (VHT80): Ch 42	Ch 36, 40, 48
5260 ~ 5320MHz & 5500 ~ 5700MHz		
1GHz 以上量測	802.11a: Ch 52, 60, 64, 100, 116, 140 802.11ac (VHT20): Ch 52, 60, 64, 100, 116, 140 802.11ac (VHT40): Ch 54, 62, 102, 110, 134 802.11ac (VHT80): Ch 58, 106, 122	Ch 52, 60, 64, 100, 116, 140
5745 ~ 5825MHz		
1GHz 以上量測	802.11a: Ch 149, 157, 165 802.11ac (VHT20): Ch 149, 157, 165 802.11ac (VHT40): Ch 151, 159 802.11ac (VHT80): Ch 155	Ch 149, 157, 165
其它不必要之訊號	802.11a: Ch 157	Ch 157

*電源線傳導干擾量測經過評估後，2412 ~ 2462MHz以802.11g: Ch6測試模式進行最終量測，5180 ~ 5825MHz以802.11a: Ch157 測試模式進行最終量測。

8. Duty cycle of test signal.

2.4GHz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.

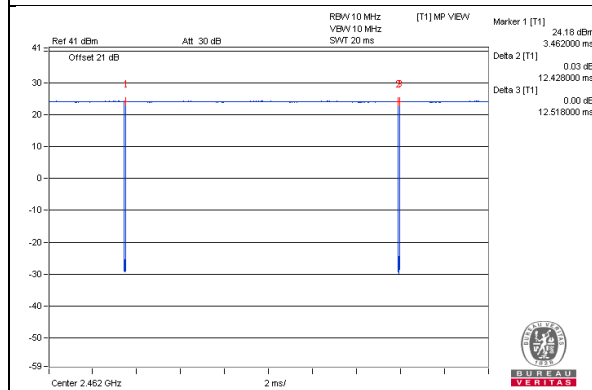
802.11b: Duty cycle = $12.428/12.518 = 0.993$,

802.11g: Duty cycle = $2.113/2.155 = 0.981$

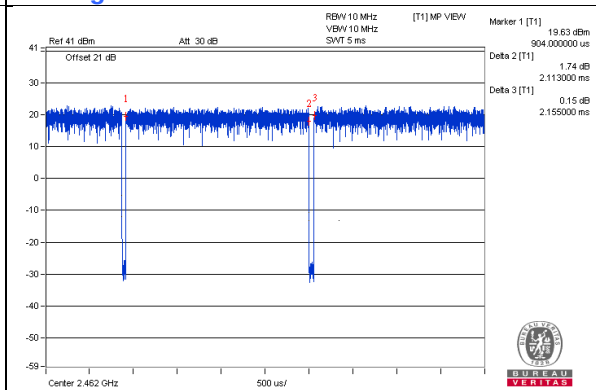
802.11n (HT20): Duty cycle = $4.997/5.09 = 0.982$

802.11n (HT40): Duty cycle = $2.425/2.529 = 0.959$, Duty factor = $10 * \log(1/0.959) = 0.19$

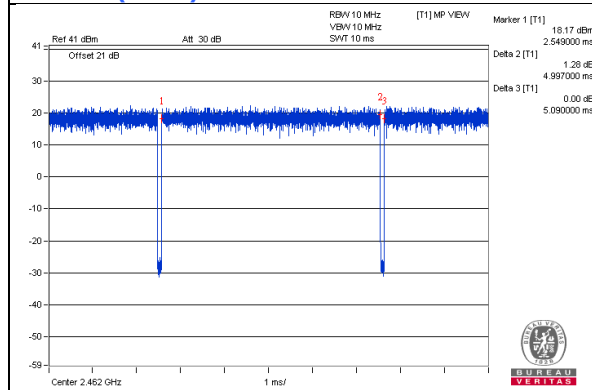
802.11b



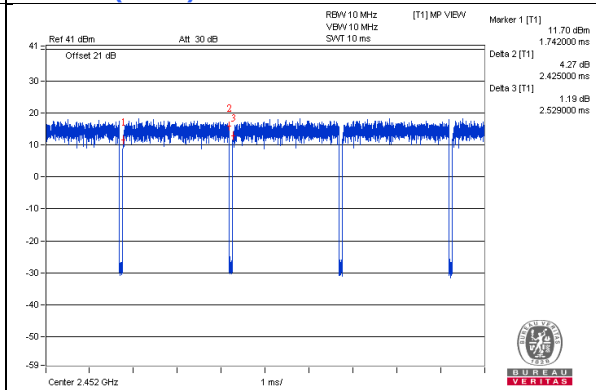
802.11g



802.11n (HT20)



802.11n (HT40)



5GHz 频段.

For UNII-1 + UNII-3

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

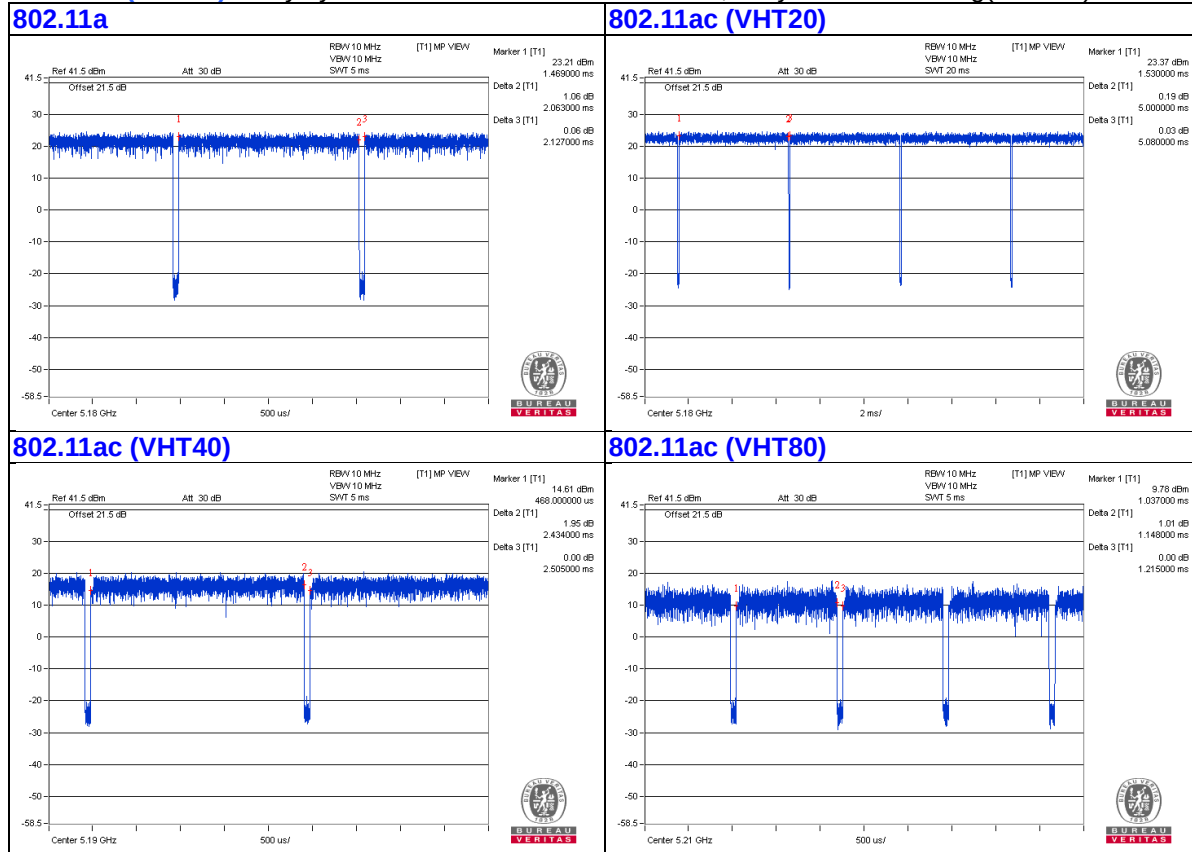
If duty cycle of test signal is $< 98\%$, duty factor shall be considered.

802.11a: Duty cycle = $2.063 \text{ ms} / 2.127 \text{ ms} = 0.97$, Duty factor = $10 * \log(1/0.97) = 0.13$

802.11ac (VHT20): Duty cycle = $5 \text{ ms} / 5.08 \text{ ms} = 0.984$

802.11ac (VHT40): Duty cycle = $2.434 \text{ ms} / 2.505 \text{ ms} = 0.972$, Duty factor = $10 * \log(1/0.972) = 0.12$

802.11ac (VHT80): Duty cycle = $1.148 \text{ ms} / 1.215 \text{ ms} = 0.945$, Duty factor = $10 * \log(1/0.945) = 0.25$



For UNII-2A + UNII-2C :

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

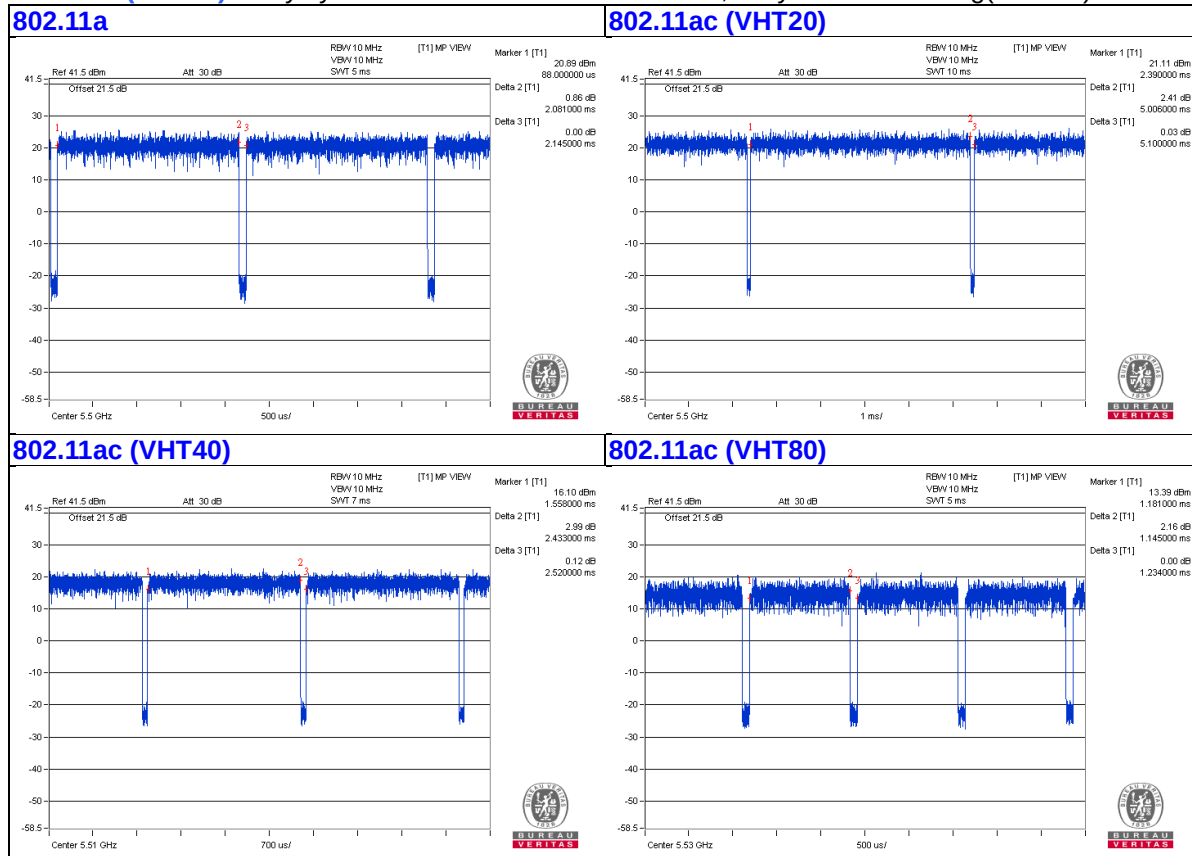
If duty cycle of test signal is $< 98\%$, duty factor shall be considered.

802.11a: Duty cycle = $2.081 \text{ ms} / 2.145 \text{ ms} = 0.97$, Duty factor = $10 * \log(1/0.97) = 0.13$

802.11ac (VHT20): Duty cycle = $5.006 \text{ ms} / 5.1 \text{ ms} = 0.982$

802.11ac (VHT40): Duty cycle = $2.433 \text{ ms} / 2.52 \text{ ms} = 0.965$, Duty factor = $10 * \log(1/0.965) = 0.15$

802.11ac (VHT80): Duty cycle = $1.145 \text{ ms} / 1.234 \text{ ms} = 0.928$, Duty factor = $10 * \log(1/0.928) = 0.33$



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), VHT20:

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), VHT40:

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):

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	149	5745
100	5500	153	5765
104	5520	157	5785
108	5540	161	5805
112	5560	165	5825

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

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	151	5755
102	5510	159	5795
110	5550		

802.11ac (VHT80):

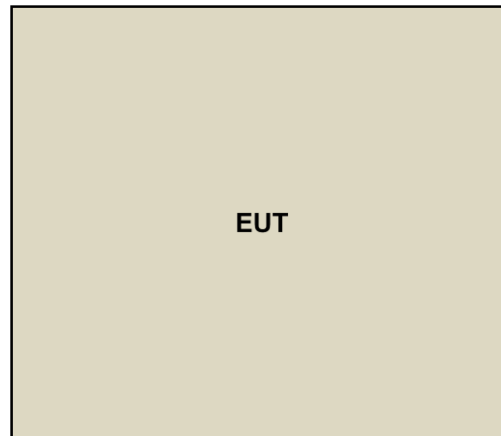
頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
42	5210	122	5610
58	5290	155	5775
106	5530		

詳細之規格請參考使用說明書，產品的照片請參照 BV 報告編號:161125E01F。

2.2 輔助測試之週邊設備描述

待測設備於受測時是一個單獨運作的系統。

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)	
0.15-0.5	66-56(註)	0.15-0.5
0.5-5	56	0.5-5
5-30	60	5-30

(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。

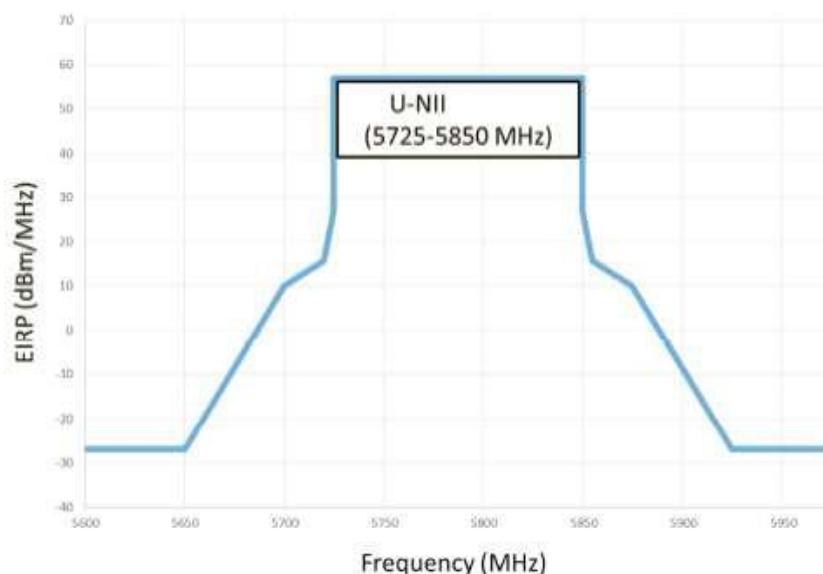


圖 1

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	1660.0~1770.0	14470~14500
19.965~20.020	1805.0~1865.0	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	2015.0~2025.0	23600~24000
108.00~138.00	2125.0~2165.0	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

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 20, 2016	July 19, 2017
Pre-Amplifier ^(*) EMCI	EMC001340	980142	Jan. 20, 2016	Jan. 19, 2018
Loop Antenna ^(*) Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 18, 2016	Jan. 17, 2017
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-01	Nov. 10, 2016	Nov. 09, 2017
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Jan. 04, 2016	Jan. 03, 2017
RF Cable	8D	966-4-1 966-4-2 966-4-3	Apr. 02, 2016	Apr. 01, 2017
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Oct. 05, 2016	Oct. 04, 2017
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Jan. 19, 2016	Jan. 18, 2017
Pre-Amplifier Agilent	8449B	3008A01922	Sep. 18, 2016	Sep. 17, 2017
RF Cable	EMC104-SM- SM-2000 EMC104-SM- SM-5000 EMC104-SM- SM-5000	150318 150323 150324	Mar. 30, 2016	Mar. 29, 2017
Pre-Amplifier EMCI	EMC184045	980143	Jan. 15, 2016	Jan. 14, 2017
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Jan. 08, 2016	Jan. 07, 2017
RF Cable	SUCOFLEX 102	36432/2 36441/2	Jan. 16, 2016	Jan. 15, 2017
Software	ADT_Radiated _v8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208410	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP02	NA	NA

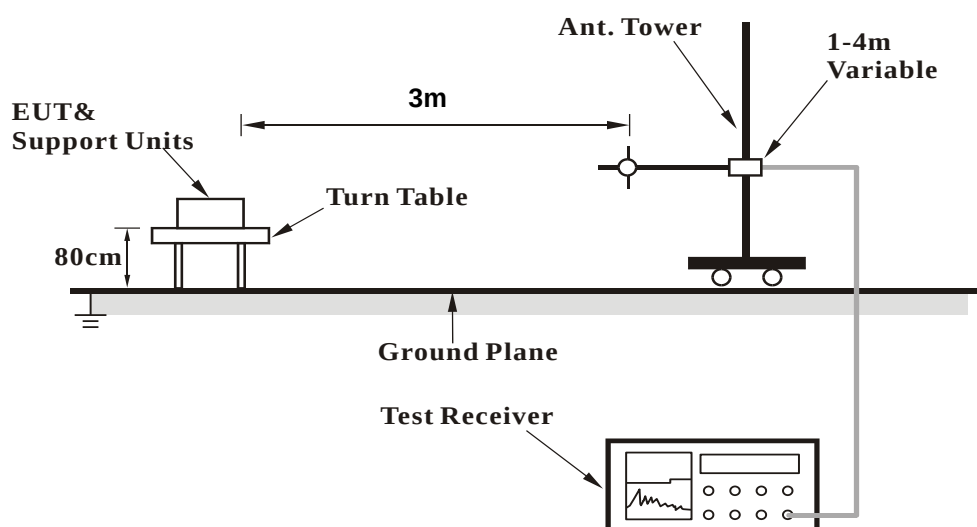
Note:

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 calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in 966 Chamber No. 4.
4. The FCC Site Registration No. is 292998
5. The CANADA Site Registration No. is 20331-2
6. Loop antenna was used for all emissions below 30 MHz.
7. 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.

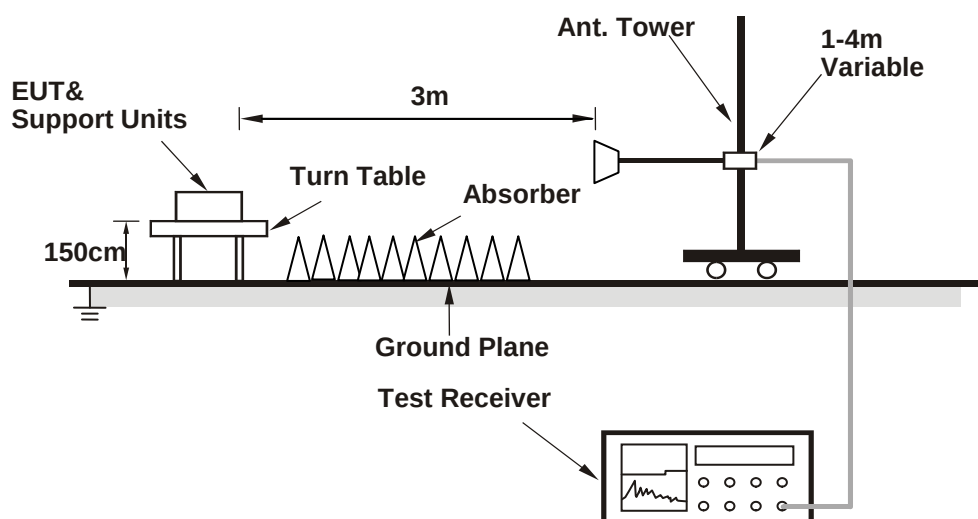
Measurement	Value
Radiated emissions (30MHz-1GHz)	5.34 dB
Radiated emissions (1GHz ~6GHz)	3.41 dB
Radiated emissions (6GHz ~18GHz)	3.49 dB
Radiated emissions (18GHz ~40GHz)	3.30 dB

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

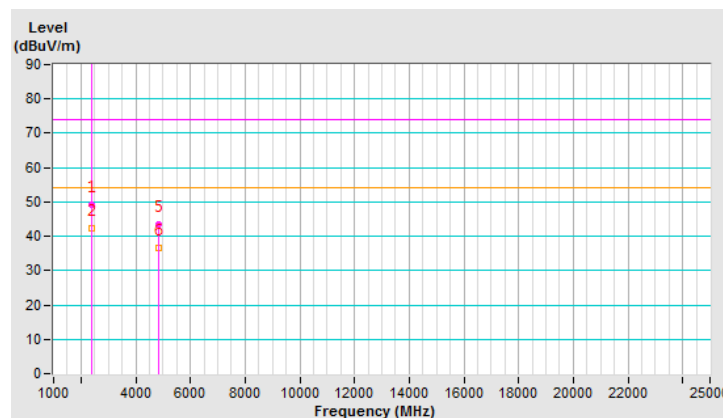
802.11b

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：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	2387.00	49.1 PK	74.0	-24.9	1.55 H	320	52.8	-3.7
2	2387.00	42.3 AV	54.0	-11.7	1.55 H	320	46.0	-3.7
3	*2412.00	105.9 PK			1.55 H	320	109.6	-3.7
4	*2412.00	103.9 AV			1.55 H	320	107.6	-3.7
5	4824.00	43.4 PK	74.0	-30.6	1.02 H	157	41.2	2.2
6	4824.00	36.7 AV	54.0	-17.3	1.02 H	157	34.5	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

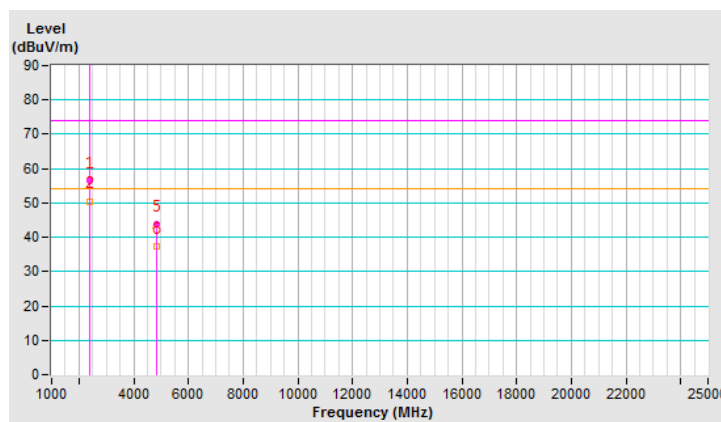


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	2387.00	56.5 PK	74.0	-17.5	1.45 V	339	60.2	-3.7
2	2387.00	50.5 AV	54.0	-3.5	1.45 V	339	54.2	-3.7
3	*2412.00	113.2 PK			1.45 V	339	116.9	-3.7
4	*2412.00	111.2 AV			1.45 V	339	114.9	-3.7
5	4824.00	43.9 PK	74.0	-30.1	1.03 V	23	41.7	2.2
6	4824.00	37.3 AV	54.0	-16.7	1.03 V	23	35.1	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

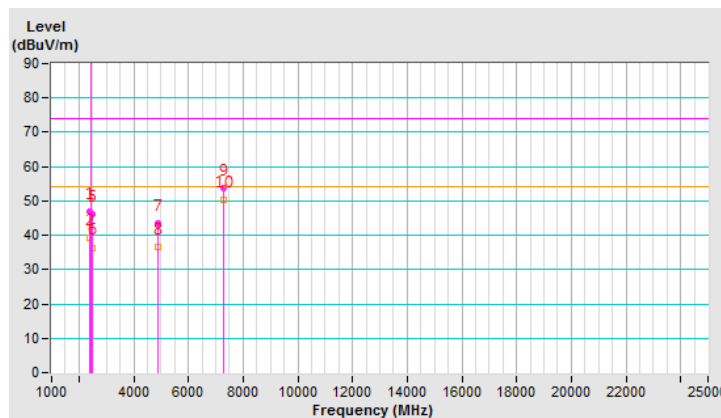


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	46.9 PK	74.0	-27.1	1.57 H	331	50.6	-3.7
2	2390.00	39.2 AV	54.0	-14.8	1.57 H	331	42.9	-3.7
3	*2437.00	107.6 PK			1.57 H	331	111.2	-3.6
4	*2437.00	104.7 AV			1.57 H	331	108.3	-3.6
5	2483.50	46.1 PK	74.0	-27.9	1.57 H	331	49.7	-3.6
6	2483.50	36.4 AV	54.0	-17.6	1.57 H	331	40.0	-3.6
7	4874.00	43.5 PK	74.0	-30.5	1.02 H	141	41.1	2.4
8	4874.00	36.5 AV	54.0	-17.5	1.02 H	141	34.1	2.4
9	7311.00	53.8 PK	74.0	-20.2	4.00 H	218	45.1	8.7
10	7311.00	50.2 AV	54.0	-3.8	4.00 H	218	41.5	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

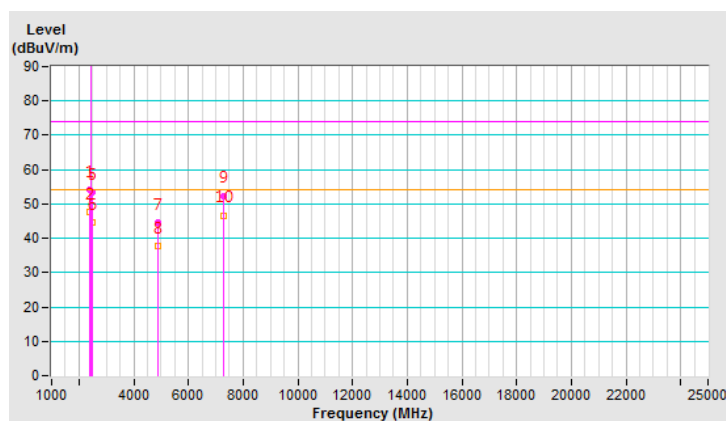


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	54.3 PK	74.0	-19.7	1.51 V	341	58.0	-3.7
2	2390.00	47.7 AV	54.0	-6.3	1.51 V	341	51.4	-3.7
3	*2437.00	114.9 PK			1.51 V	341	118.5	-3.6
4	*2437.00	112.0 AV			1.51 V	341	115.6	-3.6
5	2483.50	53.5 PK	74.0	-20.5	1.51 V	341	57.1	-3.6
6	2483.50	44.6 AV	54.0	-9.4	1.51 V	341	48.2	-3.6
7	4874.00	44.5 PK	74.0	-29.5	1.00 V	18	42.1	2.4
8	4874.00	37.7 AV	54.0	-16.3	1.00 V	18	35.3	2.4
9	7311.00	52.4 PK	74.0	-21.6	1.00 V	355	43.7	8.7
10	7311.00	46.7 AV	54.0	-7.3	1.00 V	355	38.0	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

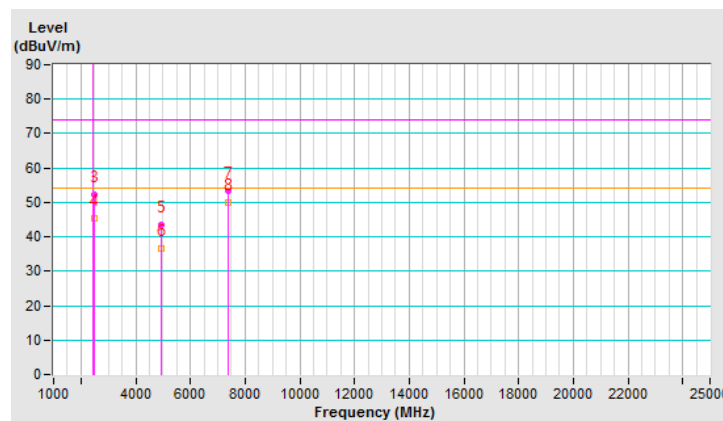


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	106.6 PK			1.58 H	320	110.1	-3.5
2	*2462.00	104.0 AV			1.58 H	320	107.5	-3.5
3	2483.50	52.3 PK	74.0	-21.7	1.58 H	320	55.9	-3.6
4	2483.50	45.2 AV	54.0	-8.8	1.58 H	320	48.8	-3.6
5	4924.00	43.6 PK	74.0	-30.4	1.08 H	132	41.1	2.5
6	4924.00	36.6 AV	54.0	-17.4	1.08 H	132	34.1	2.5
7	7386.00	53.5 PK	74.0	-20.5	4.00 H	228	44.4	9.1
8	7386.00	49.9 AV	54.0	-4.1	4.00 H	228	40.8	9.1
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

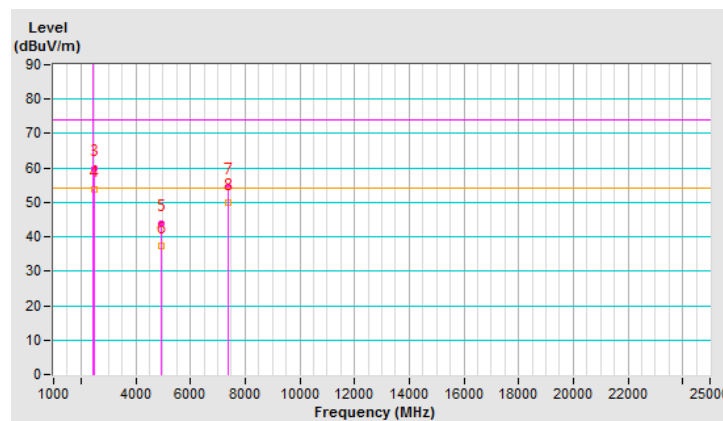


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	113.9 PK			1.64 V	338	117.4	-3.5
2	*2462.00	111.3 AV			1.64 V	338	114.8	-3.5
3	2483.50	60.0 PK	74.0	-14.0	1.64 V	338	63.6	-3.6
4	2483.50	53.7 AV	54.0	-0.3	1.64 V	338	57.3	-3.6
5	4924.00	43.9 PK	74.0	-30.1	1.48 V	223	41.4	2.5
6	4924.00	37.3 AV	54.0	-16.7	1.48 V	223	34.8	2.5
7	7386.00	54.4 PK	74.0	-19.6	1.67 V	329	45.3	9.1
8	7386.00	50.0 AV	54.0	-4.0	1.67 V	329	40.9	9.1
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



802.11g

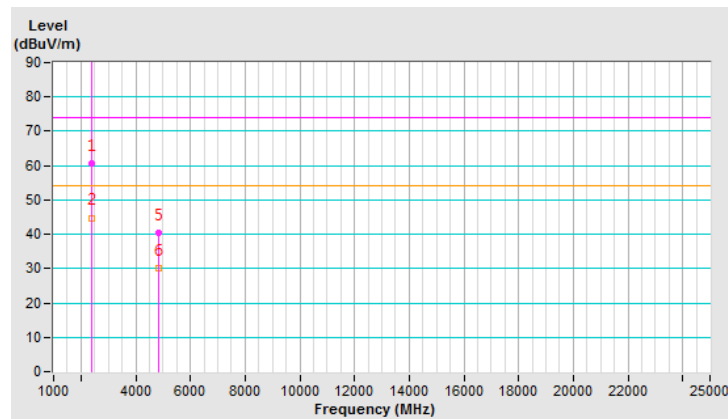
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.6 PK	74.0	-13.4	1.62 H	319	64.3	-3.7
2	2390.00	44.8 AV	54.0	-9.2	1.62 H	319	48.5	-3.7
3	*2412.00	104.5 PK			1.62 H	319	108.2	-3.7
4	*2412.00	92.2 AV			1.62 H	319	95.9	-3.7
5	4824.00	40.5 PK	74.0	-33.5	3.25 H	153	38.3	2.2
6	4824.00	30.2 AV	54.0	-23.8	3.25 H	153	28.0	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

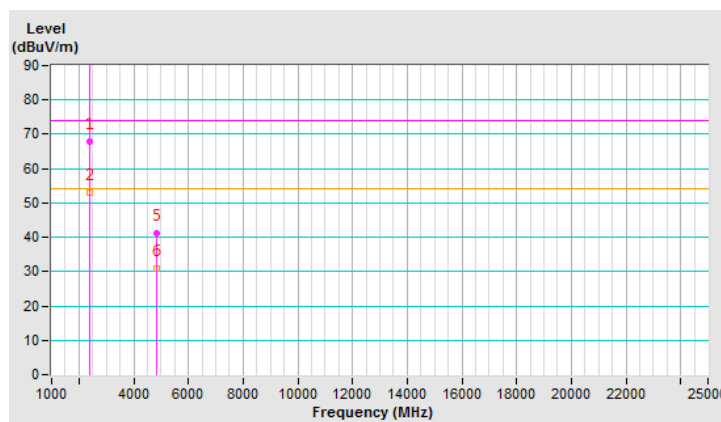


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	68.0 PK	74.0	-6.0	1.15 V	68	71.7	-3.7
2	2390.00	53.0 AV	54.0	-1.0	1.15 V	68	56.7	-3.7
3	*2412.00	111.8 PK			1.15 V	68	115.5	-3.7
4	*2412.00	99.5 AV			1.15 V	68	103.2	-3.7
5	4824.00	41.1 PK	74.0	-32.9	1.74 V	343	38.9	2.2
6	4824.00	31.0 AV	54.0	-23.0	1.74 V	343	28.8	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

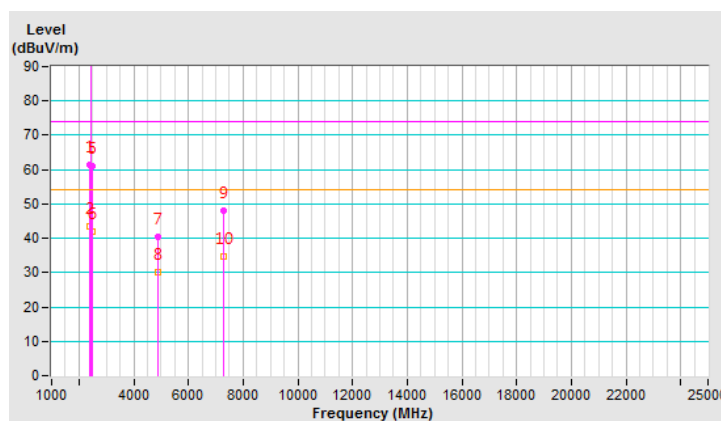


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.3 PK	74.0	-12.7	1.64 H	328	65.0	-3.7
2	2390.00	43.6 AV	54.0	-10.4	1.64 H	328	47.3	-3.7
3	*2437.00	111.3 PK			1.64 H	328	114.9	-3.6
4	*2437.00	98.7 AV			1.64 H	328	102.3	-3.6
5	2496.00	60.9 PK	74.0	-13.1	1.64 H	328	64.4	-3.5
6	2496.00	41.8 AV	54.0	-12.2	1.64 H	328	45.3	-3.5
7	4874.00	40.5 PK	74.0	-33.5	3.26 H	143	38.1	2.4
8	4874.00	30.1 AV	54.0	-23.9	3.26 H	143	27.7	2.4
9	7311.00	47.9 PK	74.0	-26.1	1.93 H	282	39.2	8.7
10	7311.00	34.8 AV	54.0	-19.2	1.93 H	282	26.1	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

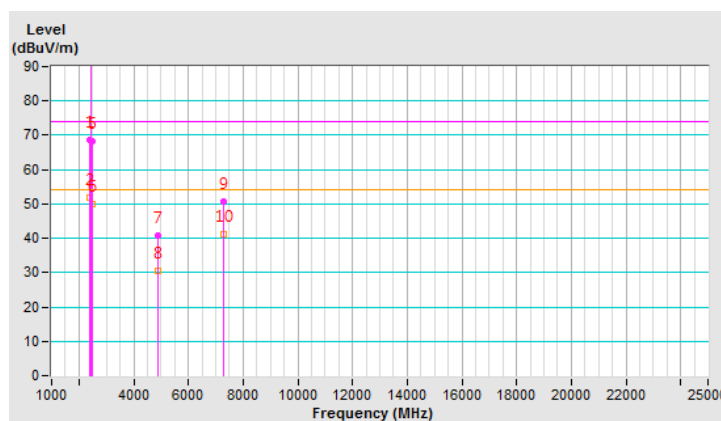


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	68.7 PK	74.0	-5.3	1.40 V	55	72.4	-3.7
2	2390.00	51.8 AV	54.0	-2.2	1.40 V	55	55.5	-3.7
3	*2437.00	118.6 PK			1.40 V	55	122.2	-3.6
4	*2437.00	106.0 AV			1.40 V	55	109.6	-3.6
5	2496.00	68.3 PK	74.0	-5.7	1.40 V	55	71.8	-3.5
6	2496.00	50.0 AV	54.0	-4.0	1.40 V	55	53.5	-3.5
7	4874.00	40.7 PK	74.0	-33.3	1.69 V	336	38.3	2.4
8	4874.00	30.5 AV	54.0	-23.5	1.69 V	336	28.1	2.4
9	7311.00	50.7 PK	74.0	-23.3	1.65 V	334	42.0	8.7
10	7311.00	41.2 AV	54.0	-12.8	1.65 V	334	32.5	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

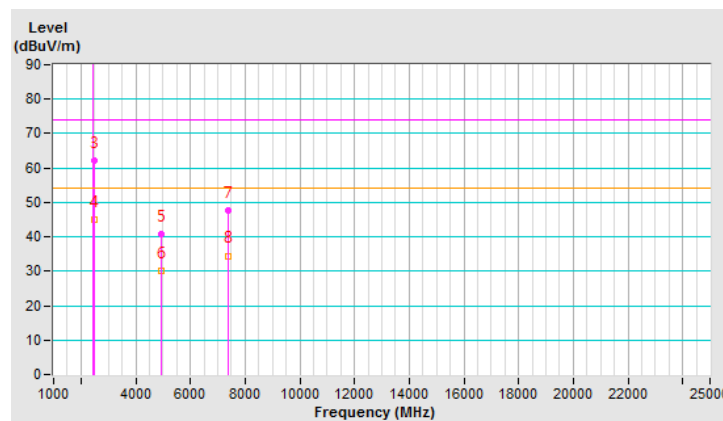


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	105.3 PK			1.60 H	332	108.8	-3.5
2	*2462.00	93.4 AV			1.60 H	332	96.9	-3.5
3	2483.50	62.1 PK	74.0	-11.9	1.60 H	332	65.7	-3.6
4	2483.50	45.0 AV	54.0	-9.0	1.60 H	332	48.6	-3.6
5	4924.00	40.8 PK	74.0	-33.2	3.24 H	138	38.3	2.5
6	4924.00	30.1 AV	54.0	-23.9	3.24 H	138	27.6	2.5
7	7386.00	47.8 PK	74.0	-26.2	1.97 H	286	38.7	9.1
8	7386.00	34.5 AV	54.0	-19.5	1.97 H	286	25.4	9.1
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

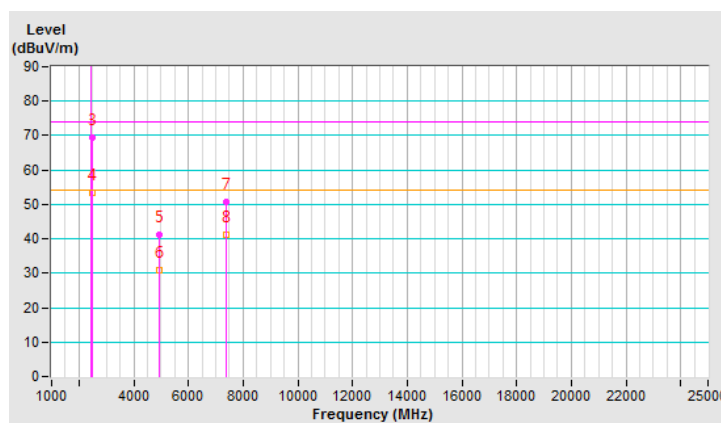


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	112.6 PK			1.42 V	88	116.1	-3.5
2	*2462.00	100.7 AV			1.42 V	88	104.2	-3.5
3	2483.50	69.5 PK	74.0	-4.5	1.42 V	88	73.1	-3.6
4	2483.50	53.2 AV	54.0	-0.8	1.42 V	88	56.8	-3.6
5	4924.00	41.1 PK	74.0	-32.9	1.73 V	348	38.6	2.5
6	4924.00	30.8 AV	54.0	-23.2	1.73 V	348	28.3	2.5
7	7386.00	50.7 PK	74.0	-23.3	1.70 V	350	41.6	9.1
8	7386.00	41.3 AV	54.0	-12.7	1.70 V	350	32.2	9.1
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



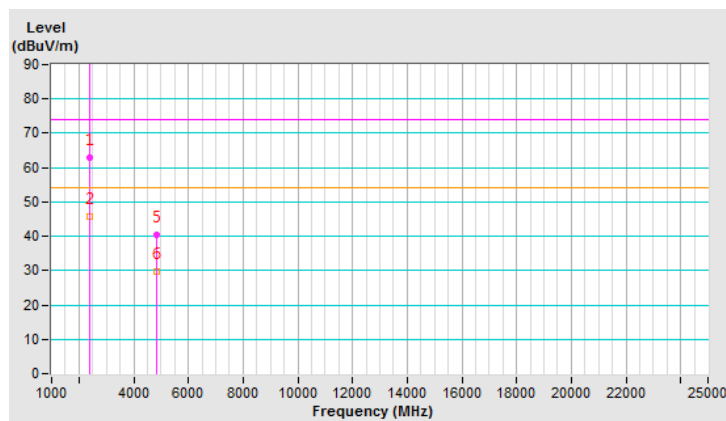
802.11n (HT20)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	63.0 PK	74.0	-11.0	1.65 H	326	66.7	-3.7
2	2390.00	45.7 AV	54.0	-8.3	1.65 H	326	49.4	-3.7
3	*2412.00	104.1 PK			1.65 H	326	107.8	-3.7
4	*2412.00	92.7 AV			1.65 H	326	96.4	-3.7
5	4824.00	40.5 PK	74.0	-33.5	3.19 H	135	38.3	2.2
6	4824.00	29.6 AV	54.0	-24.4	3.19 H	135	27.4	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

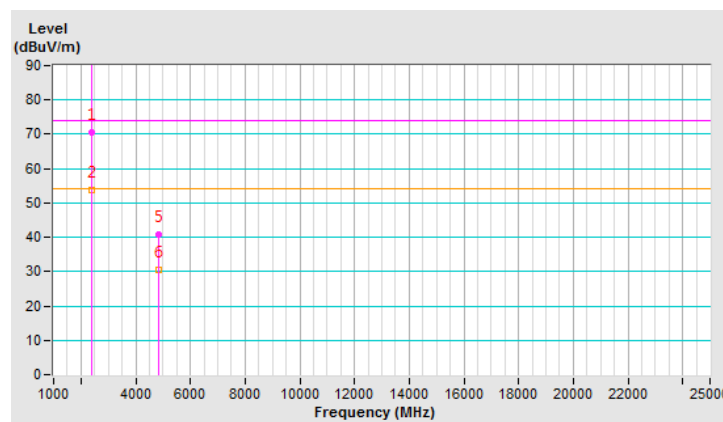


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	70.4 PK	74.0	-3.6	1.50 V	63	74.1	-3.7
2	2390.00	53.9 AV	54.0	-0.1	1.50 V	63	57.6	-3.7
3	*2412.00	111.4 PK			1.50 V	63	115.1	-3.7
4	*2412.00	100.0 AV			1.50 V	63	103.7	-3.7
5	4824.00	40.7 PK	74.0	-33.3	1.75 V	360	38.5	2.2
6	4824.00	30.5 AV	54.0	-23.5	1.75 V	360	28.3	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

REMARKS:

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

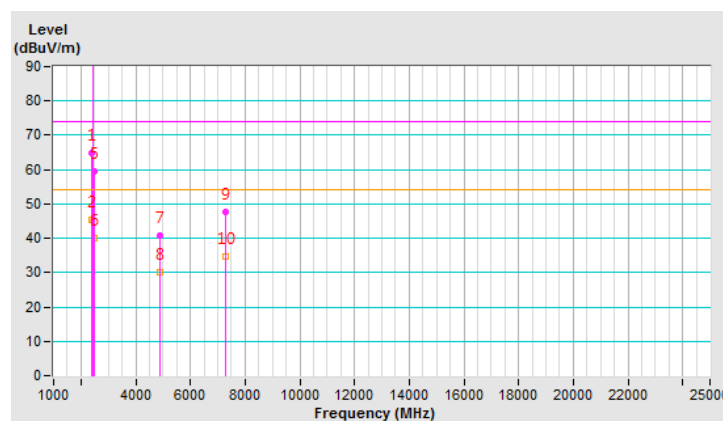


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	64.8 PK	74.0	-9.2	1.70 H	313	68.5	-3.7
2	2390.00	45.5 AV	54.0	-8.5	1.70 H	313	49.2	-3.7
3	*2437.00	111.2 PK			1.70 H	313	114.8	-3.6
4	*2437.00	99.5 AV			1.70 H	313	103.1	-3.6
5	2483.50	59.4 PK	74.0	-14.6	1.70 H	313	63.0	-3.6
6	2483.50	40.0 AV	54.0	-14.0	1.70 H	313	43.6	-3.6
7	4874.00	40.9 PK	74.0	-33.1	3.23 H	147	38.5	2.4
8	4874.00	30.0 AV	54.0	-24.0	3.23 H	147	27.6	2.4
9	7311.00	47.7 PK	74.0	-26.3	2.01 H	284	39.0	8.7
10	7311.00	34.7 AV	54.0	-19.3	2.01 H	284	26.0	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

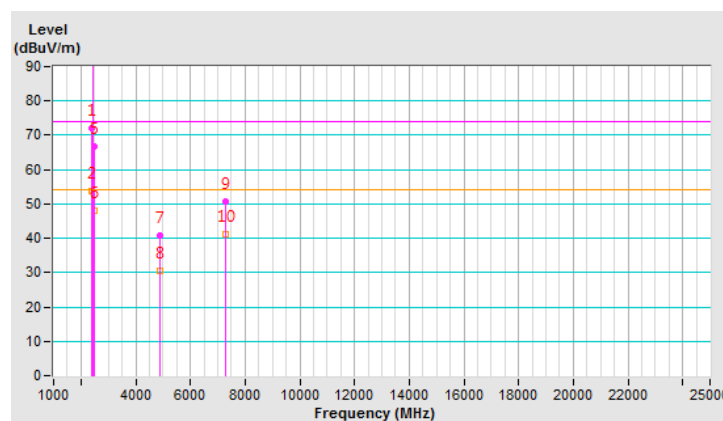


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	72.2 PK	74.0	-1.8	1.30 V	56	75.9	-3.7
2	2390.00	53.7 AV	54.0	-0.3	1.30 V	56	57.4	-3.7
3	*2437.00	118.5 PK			1.30 V	56	122.1	-3.6
4	*2437.00	106.8 AV			1.30 V	56	110.4	-3.6
5	2483.50	66.8 PK	74.0	-7.2	1.30 V	56	70.4	-3.6
6	2483.50	48.1 AV	54.0	-5.9	1.30 V	56	51.7	-3.6
7	4874.00	40.7 PK	74.0	-33.3	1.70 V	359	38.3	2.4
8	4874.00	30.4 AV	54.0	-23.6	1.70 V	359	28.0	2.4
9	7311.00	50.6 PK	74.0	-23.4	1.66 V	341	41.9	8.7
10	7311.00	41.1 AV	54.0	-12.9	1.66 V	341	32.4	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

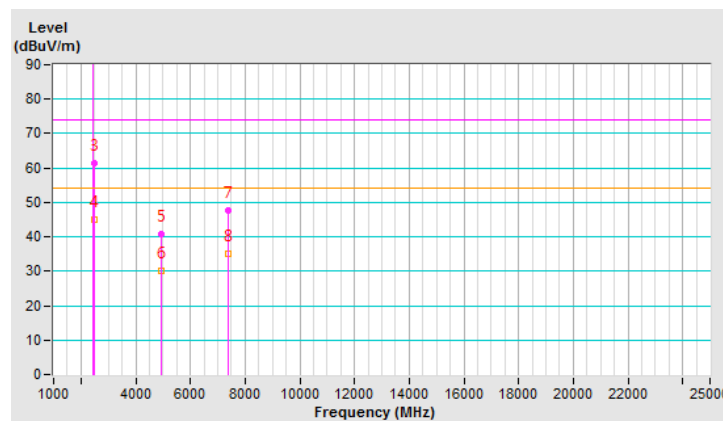


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.5 PK			1.69 H	312	108.0	-3.5
2	*2462.00	93.0 AV			1.69 H	312	96.5	-3.5
3	2483.50	61.4 PK	74.0	-12.6	1.69 H	312	65.0	-3.6
4	2483.50	45.0 AV	54.0	-9.0	1.69 H	312	48.6	-3.6
5	4924.00	40.8 PK	74.0	-33.2	3.27 H	153	38.3	2.5
6	4924.00	30.2 AV	54.0	-23.8	3.27 H	153	27.7	2.5
7	7386.00	47.8 PK	74.0	-26.2	1.98 H	289	38.7	9.1
8	7386.00	34.9 AV	54.0	-19.1	1.98 H	289	25.8	9.1
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

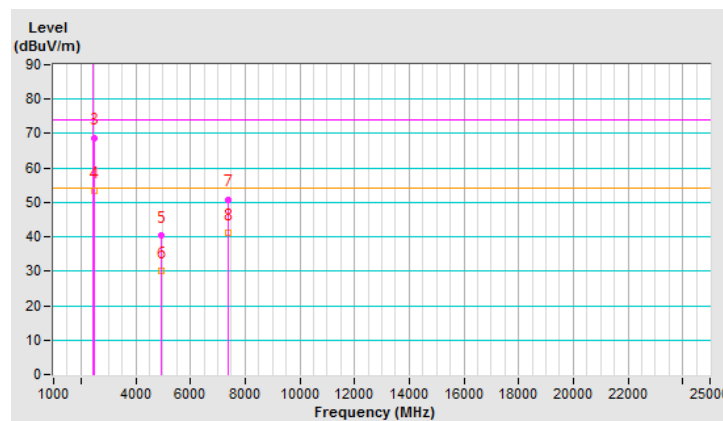


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.8 PK			1.45 V	64	115.3	-3.5
2	*2462.00	100.3 AV			1.45 V	64	103.8	-3.5
3	2483.50	68.8 PK	74.0	-5.2	1.45 V	64	72.4	-3.6
4	2483.50	53.2 AV	54.0	-0.8	1.45 V	64	56.8	-3.6
5	4924.00	40.3 PK	74.0	-33.7	1.72 V	347	37.8	2.5
6	4924.00	30.2 AV	54.0	-23.8	1.72 V	347	27.7	2.5
7	7386.00	50.9 PK	74.0	-23.1	1.70 V	333	41.8	9.1
8	7386.00	41.3 AV	54.0	-12.7	1.70 V	333	32.2	9.1
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)
- The other emission levels were very low against the limit.
- Margin value = Emission Level – Limit value
- " * ": 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.



802.11n (HT40)

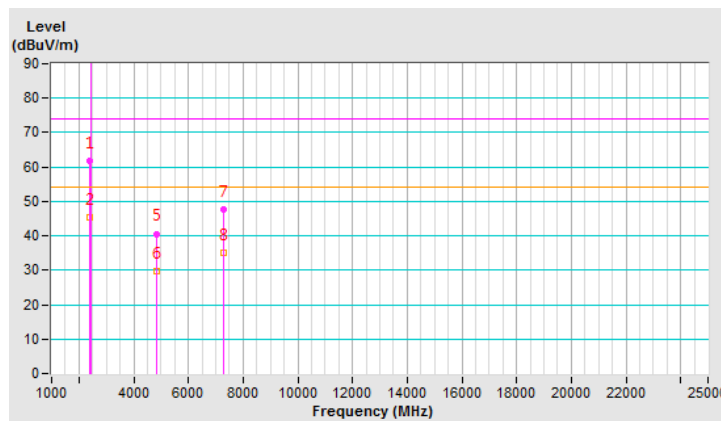
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25℃	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	61.7 PK	74.0	-12.3	1.73 H	320	65.4	-3.7
2	2390.00	45.4 AV	54.0	-8.6	1.73 H	320	49.1	-3.7
3	*2422.00	100.8 PK			1.73 H	320	104.4	-3.6
4	*2422.00	91.3 AV			1.73 H	320	94.9	-3.6
5	4844.00	40.6 PK	74.0	-33.4	3.26 H	160	38.3	2.3
6	4844.00	29.8 AV	54.0	-24.2	3.26 H	160	27.5	2.3
7	7266.00	47.8 PK	74.0	-26.2	1.99 H	277	39.0	8.8
8	7266.00	35.2 AV	54.0	-18.8	1.99 H	277	26.4	8.8
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

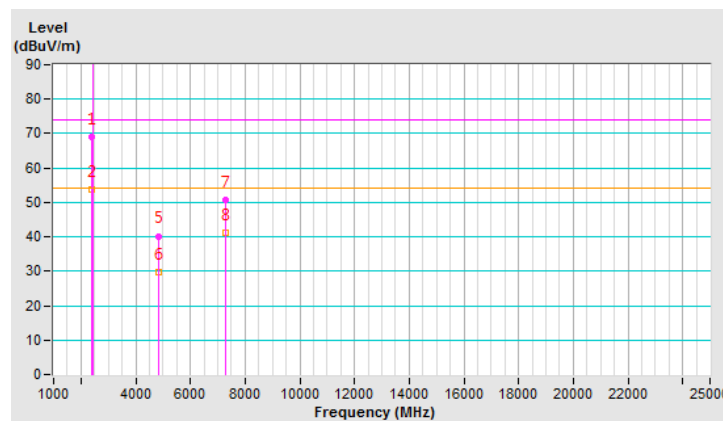


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	69.1 PK	74.0	-4.9	1.45 V	67	72.8	-3.7
2	2390.00	53.6 AV	54.0	-0.4	1.45 V	67	57.3	-3.7
3	*2422.00	108.1 PK			1.45 V	67	111.7	-3.6
4	*2422.00	98.6 AV			1.45 V	67	102.2	-3.6
5	4844.00	40.2 PK	74.0	-33.8	1.75 V	360	37.9	2.3
6	4844.00	29.8 AV	54.0	-24.2	1.75 V	360	27.5	2.3
7	7266.00	50.7 PK	74.0	-23.3	1.72 V	348	41.9	8.8
8	7266.00	41.1 AV	54.0	-12.9	1.72 V	348	32.3	8.8
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

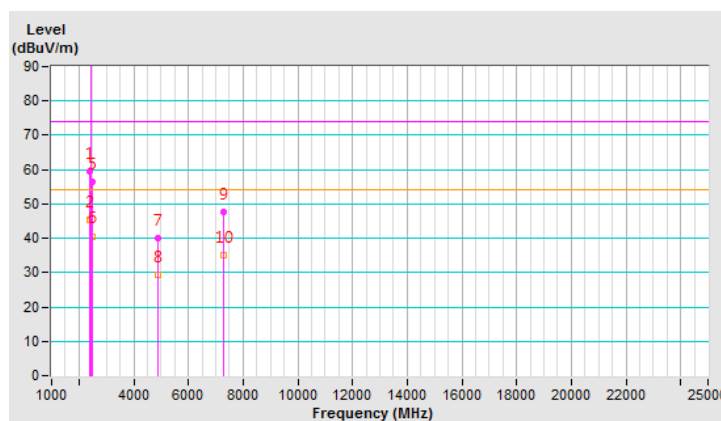


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	59.4 PK	74.0	-14.6	1.76 H	304	63.1	-3.7
2	2390.00	45.3 AV	54.0	-8.7	1.76 H	304	49.0	-3.7
3	*2437.00	103.3 PK			1.76 H	304	106.9	-3.6
4	*2437.00	93.6 AV			1.76 H	304	97.2	-3.6
5	2490.00	56.4 PK	74.0	-17.6	1.76 H	304	59.9	-3.5
6	2490.00	40.6 AV	54.0	-13.4	1.76 H	304	44.1	-3.5
7	4874.00	40.1 PK	74.0	-33.9	3.31 H	156	37.7	2.4
8	4874.00	29.3 AV	54.0	-24.7	3.31 H	156	26.9	2.4
9	7311.00	47.6 PK	74.0	-26.4	1.98 H	282	38.9	8.7
10	7311.00	35.2 AV	54.0	-18.8	1.98 H	282	26.5	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

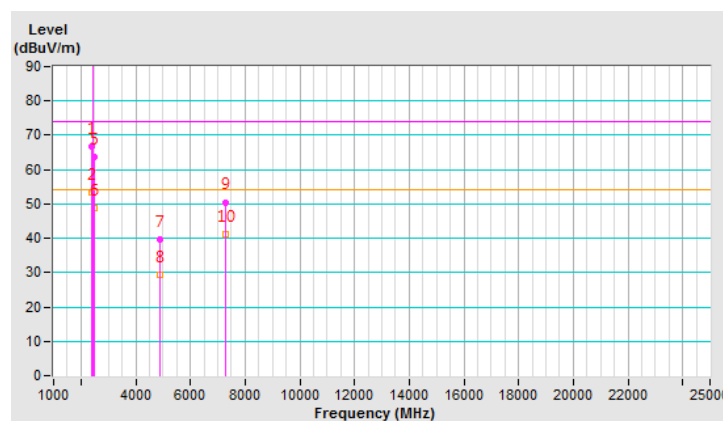


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.8 PK	74.0	-7.2	1.45 V	65	70.5	-3.7
2	2390.00	53.5 AV	54.0	-0.5	1.45 V	65	57.2	-3.7
3	*2437.00	110.6 PK			1.45 V	65	114.2	-3.6
4	*2437.00	100.9 AV			1.45 V	65	104.5	-3.6
5	2490.00	63.8 PK	74.0	-10.2	1.45 V	65	67.3	-3.5
6	2490.00	48.8 AV	54.0	-5.2	1.45 V	65	52.3	-3.5
7	4874.00	39.8 PK	74.0	-34.2	1.70 V	360	37.4	2.4
8	4874.00	29.4 AV	54.0	-24.6	1.70 V	360	27.0	2.4
9	7311.00	50.5 PK	74.0	-23.5	1.67 V	352	41.8	8.7
10	7311.00	41.1 AV	54.0	-12.9	1.67 V	352	32.4	8.7
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



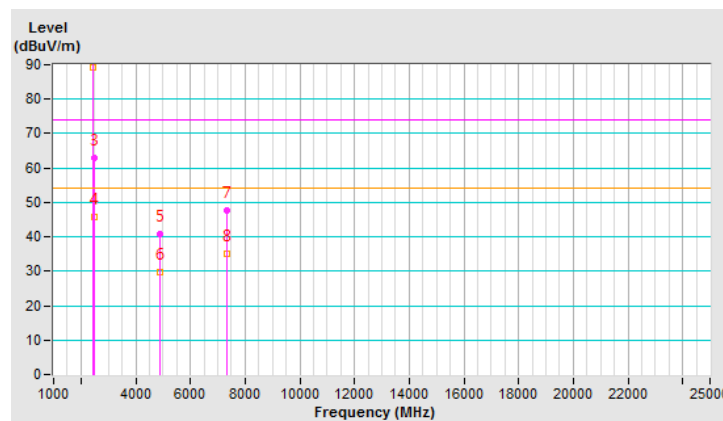
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	100.2 PK			1.71 H	294	103.8	-3.6
2	*2452.00	89.3 AV			1.71 H	294	92.9	-3.6
3	2483.50	62.9 PK	74.0	-11.1	1.71 H	294	66.5	-3.6
4	2483.50	45.7 AV	54.0	-8.3	1.71 H	294	49.3	-3.6
5	4904.00	40.8 PK	74.0	-33.2	3.28 H	145	38.3	2.5
6	4904.00	29.8 AV	54.0	-24.2	3.28 H	145	27.3	2.5
7	7356.00	47.6 PK	74.0	-26.4	2.01 H	272	38.7	8.9
8	7356.00	35.2 AV	54.0	-18.8	2.01 H	272	26.3	8.9
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

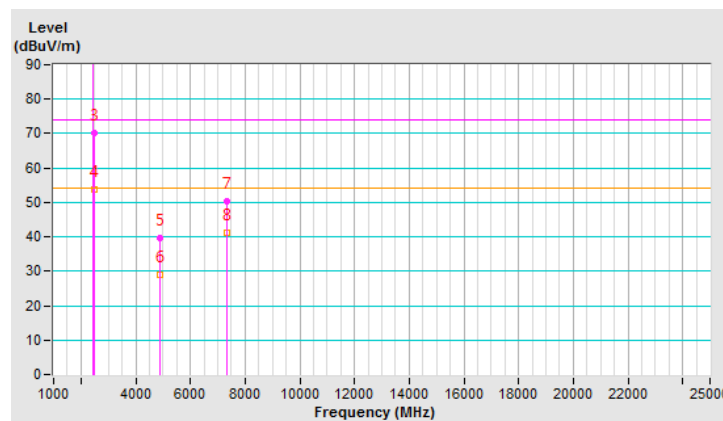


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	107.5 PK			1.45 V	65	111.1	-3.6
2	*2452.00	96.6 AV			1.45 V	65	100.2	-3.6
3	2483.50	70.3 PK	74.0	-3.7	1.45 V	65	73.9	-3.6
4	2483.50	53.9 AV	54.0	-0.1	1.45 V	65	57.5	-3.6
5	4904.00	39.7 PK	74.0	-34.3	1.76 V	360	37.2	2.5
6	4904.00	29.1 AV	54.0	-24.9	1.76 V	360	26.6	2.5
7	7356.00	50.2 PK	74.0	-23.8	1.71 V	357	41.3	8.9
8	7356.00	41.0 AV	54.0	-13.0	1.71 V	357	32.1	8.9
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



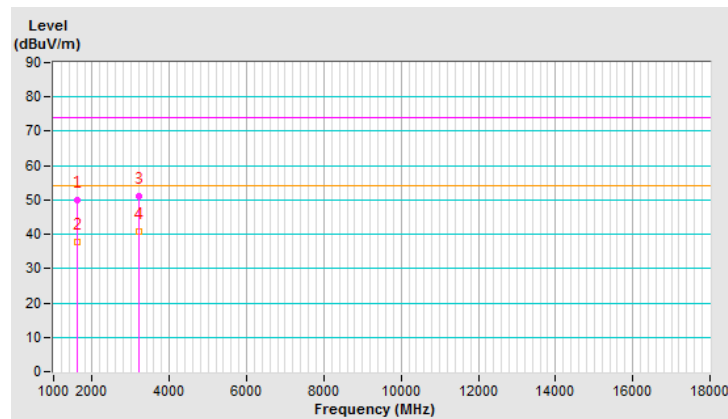
4.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 1 : 2412 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：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	1608.00	50.1 PK	74.0	-23.9	1.69 H	158	56.9	-6.8
2	1608.00	37.8 AV	54.0	-16.2	1.69 H	158	44.6	-6.8
3	3216.00	51.0 PK	74.0	-23.0	1.23 H	118	52.6	-1.6
4	3216.00	40.7 AV	54.0	-13.3	1.23 H	118	42.3	-1.6

REMARKS:

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

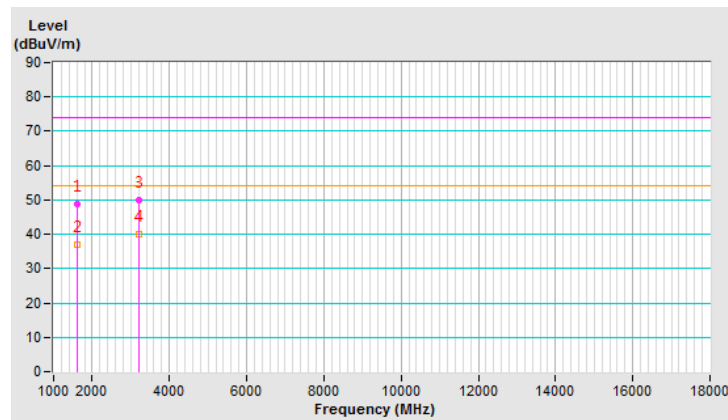


操作模式：	接收		
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	1608.00	48.9 PK	74.0	-25.1	1.39 V	91	55.7	-6.8
2	1608.00	36.9 AV	54.0	-17.1	1.39 V	91	43.7	-6.8
3	3216.00	50.1 PK	74.0	-23.9	2.06 V	314	51.7	-1.6
4	3216.00	39.9 AV	54.0	-14.1	2.06 V	314	41.5	-1.6

REMARKS:

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

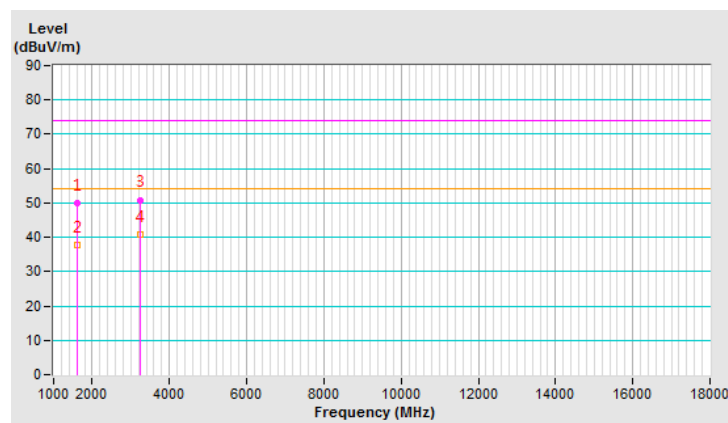


操作模式：	接收		
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	49.8 PK	74.0	-24.2	1.74 H	174	56.6	-6.8
2	1624.67	37.6 AV	54.0	-16.4	1.74 H	174	44.4	-6.8
3	3249.33	50.9 PK	74.0	-23.1	1.21 H	112	52.6	-1.7
4	3249.33	40.7 AV	54.0	-13.3	1.21 H	112	42.4	-1.7

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

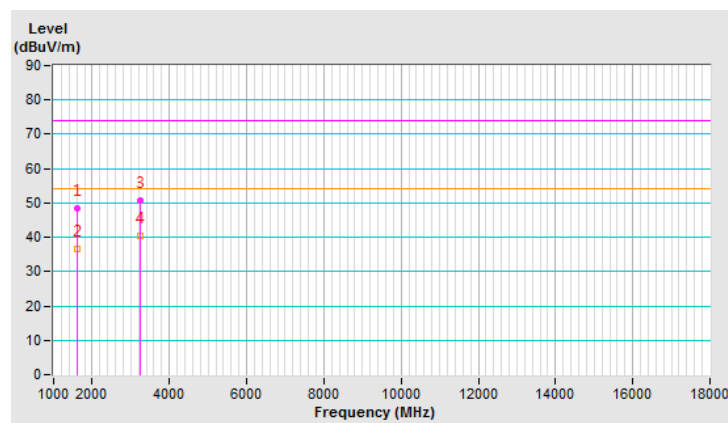


操作模式：	接收		
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	48.4 PK	74.0	-25.6	1.44 V	99	55.2	-6.8
2	1624.67	36.6 AV	54.0	-17.4	1.44 V	99	43.4	-6.8
3	3249.33	50.6 PK	74.0	-23.4	2.05 V	313	52.3	-1.7
4	3249.33	40.3 AV	54.0	-13.7	2.05 V	313	42.0	-1.7

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

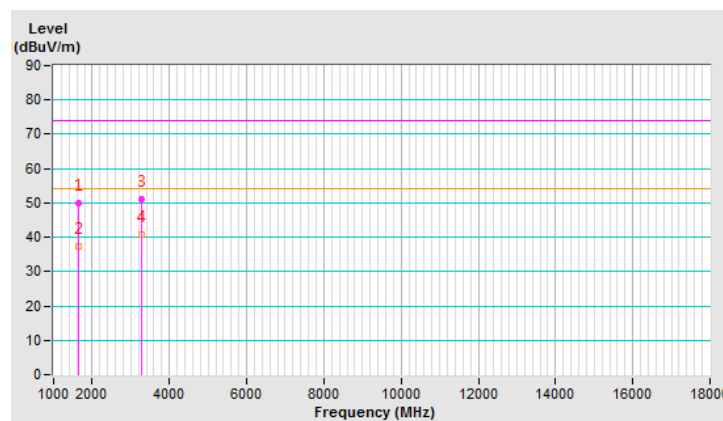


操作模式：	接收		
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	1641.33	50.0 PK	74.0	-24.0	1.66 H	153	56.8	-6.8
2	1641.33	37.5 AV	54.0	-16.5	1.66 H	153	44.3	-6.8
3	3282.67	51.2 PK	74.0	-22.8	1.26 H	113	52.8	-1.6
4	3282.67	40.7 AV	54.0	-13.3	1.26 H	113	42.3	-1.6

REMARKS:

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

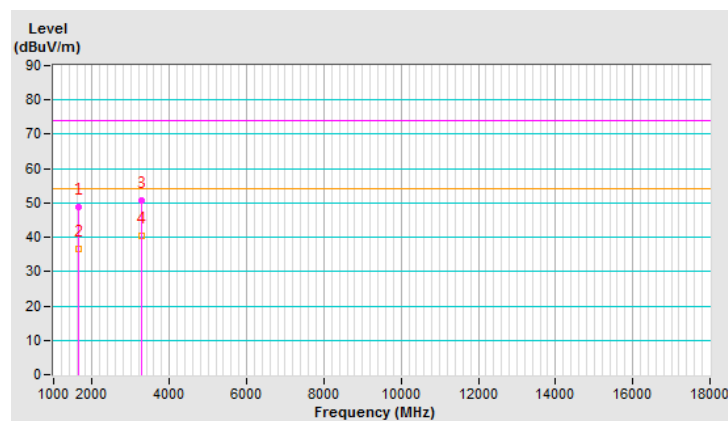


操作模式：	接收		
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	1641.33	48.8 PK	74.0	-25.2	1.48 V	90	55.6	-6.8
2	1641.33	36.7 AV	54.0	-17.3	1.48 V	90	43.5	-6.8
3	3282.67	50.8 PK	74.0	-23.2	2.05 V	307	52.4	-1.6
4	3282.67	40.3 AV	54.0	-13.7	2.05 V	307	41.9	-1.6

REMARKS:

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



4.6.3 其它不必要之讯号

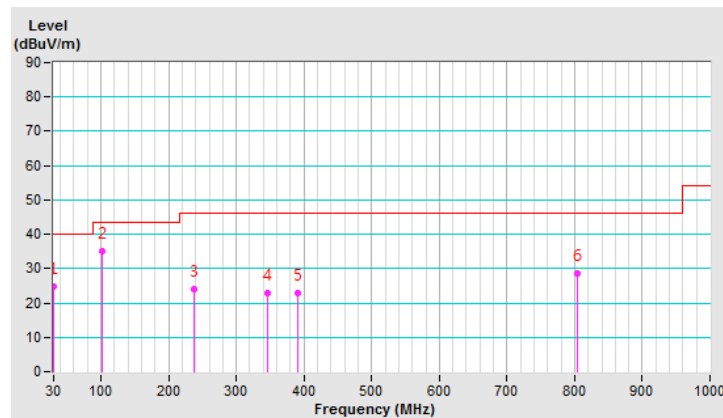
802.11g

操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	25°C	量測場地濕度：	68%RH
測試日期：	105 年 12 月 20 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	30.07	24.6 QP	40.0	-15.4	1.50 H	262	34.2	-9.6
2	100.83	35.0 QP	43.5	-8.5	2.00 H	256	47.5	-12.5
3	236.95	24.1 QP	46.0	-21.9	1.00 H	296	34.2	-10.1
4	345.74	23.0 QP	46.0	-23.0	1.00 H	42	29.6	-6.6
5	391.28	23.0 QP	46.0	-23.0	2.00 H	327	28.3	-5.3
6	803.60	28.6 QP	46.0	-17.4	1.50 H	102	25.8	2.8

REMARKS:

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



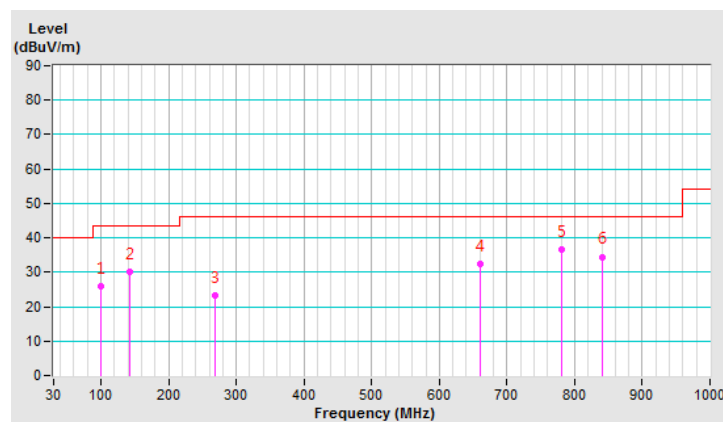
操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	25°C	量測場地濕度：	68%RH
測試日期：	105 年 12 月 20 日	測試者：	何欣儒

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	100.18	26.0 QP	43.5	-17.5	2.00 V	236	38.6	-12.6
2	143.20	30.2 QP	43.5	-13.3	1.00 V	42	38.4	-8.2
3	268.79	23.3 QP	46.0	-22.7	2.00 V	360	31.9	-8.6
4	660.01	32.3 QP	46.0	-13.7	1.50 V	65	31.7	0.6
5	780.00	36.5 QP	46.0	-9.5	1.50 V	65	33.9	2.6
6	840.00	34.5 QP	46.0	-11.5	1.50 V	65	31.3	3.2

REMARKS:

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



4.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

5 電源線傳導干擾之量測

5.1 適用標準

請見本報告 3.1 節第 1 項的規定。

5.2 量測方法

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

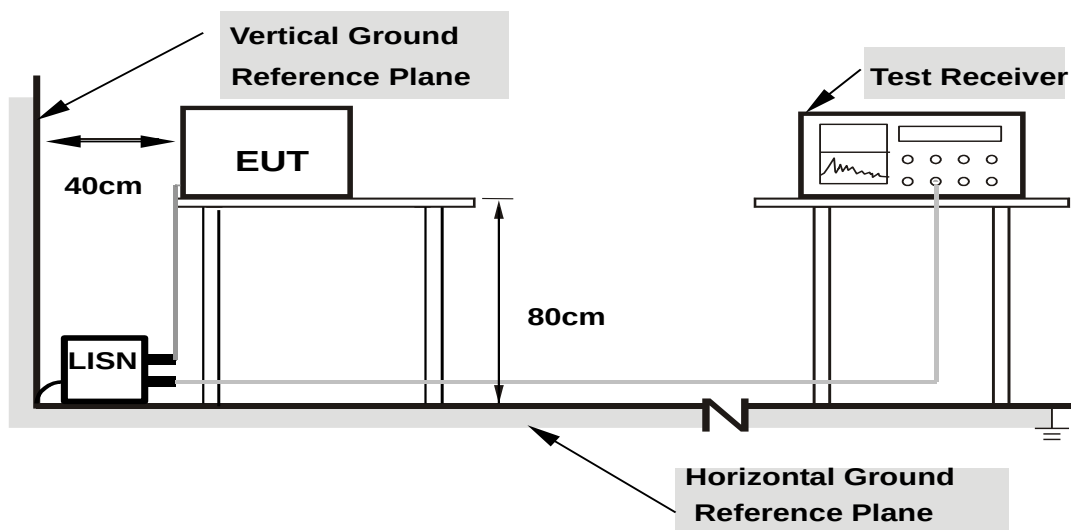
5.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 24, 2016	Oct. 23, 2017
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 26, 2016	Oct. 25, 2017
Line-Impedance Stabilization Network (for Peripheral) R&S	ENV216	100072	June 13, 2016	June 12, 2017
RF Cable	5D-FB	COCCAB-001	Sep. 30, 2016	Sep. 29, 2017
10 dB PAD Mini-Circuits	HAT-10+	CONATT-004	June 20, 2016	June 19, 2017
Software BVADT	BVADT_Cond_ 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.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

5.5 干擾值之計算

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

電源傳導干擾電壓之計算公式如下

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

其中校正因子 Correction Factor (dB) 為：

饋線損失 + 電源阻抗模擬網路損失

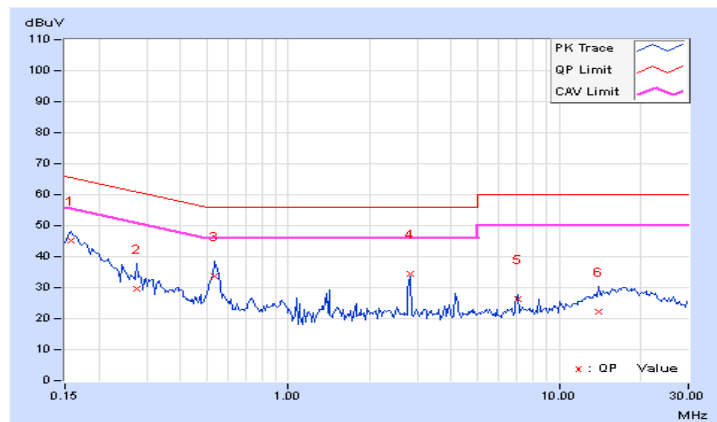
5.6 量測結果

操作模式	發射	測試日期	105 年 12 月 01 日
基本波頻率	CH 6: 2437MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	75%RH
測試者	何欣儒	測試模式	一

		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.
0.15781	10.20	35.10	23.68	45.30	33.88	65.58	55.58	-20.28	-21.70
0.27500	10.22	19.29	7.05	29.51	17.27	60.97	50.97	-31.46	-33.70
0.53672	10.25	23.49	12.99	33.74	23.24	56.00	46.00	-22.26	-22.76
2.81641	10.30	24.22	14.37	34.52	24.67	56.00	46.00	-21.48	-21.33
7.03516	10.52	15.72	7.86	26.24	18.38	60.00	50.00	-33.76	-31.62
14.03125	11.19	11.05	6.29	22.24	17.48	60.00	50.00	-37.76	-32.52

NOTE:

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

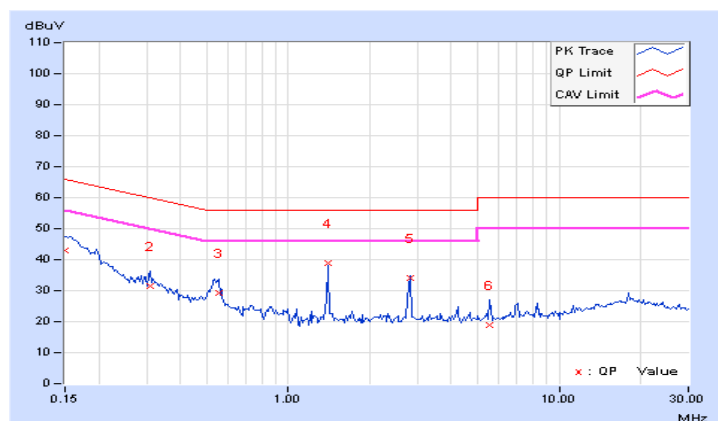


操作模式	發射	測試日期	105 年 12 月 01 日
基本波頻率	CH 6: 2437MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	75%RH
測試者	何欣儒	測試模式	一

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.15000	10.19	32.70	16.65	42.89	26.84	66.00	56.00	-23.11	-29.16
0.31016	10.21	21.11	8.49	31.32	18.70	59.97	49.97	-28.65	-31.27
0.55234	10.25	19.04	13.59	29.29	23.84	56.00	46.00	-26.71	-22.16
1.40625	10.28	28.64	18.44	38.92	28.72	56.00	46.00	-17.08	-17.28
2.81250	10.27	23.87	14.49	34.14	24.76	56.00	46.00	-21.86	-21.24
5.52734	10.32	8.67	4.35	18.99	14.67	60.00	50.00	-41.01	-35.33

NOTE:

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



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。

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

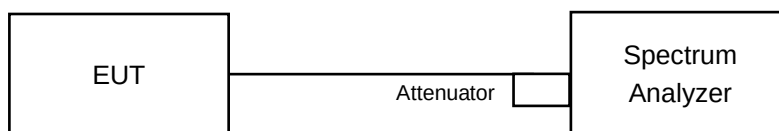
- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 計算最大輸出功率峰值減 6dB 的最大頻率範圍。

6.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSP40	100060	May 11, 2016	May 10, 2017

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	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	8.15	8.15	0.5	PASS
6	2437	9.07	10.11	0.5	PASS
11	2462	7.63	8.14	0.5	PASS

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.42	16.44	0.5	PASS
6	2437	16.35	16.36	0.5	PASS
11	2462	16.39	16.42	0.5	PASS

Beamforming Mode

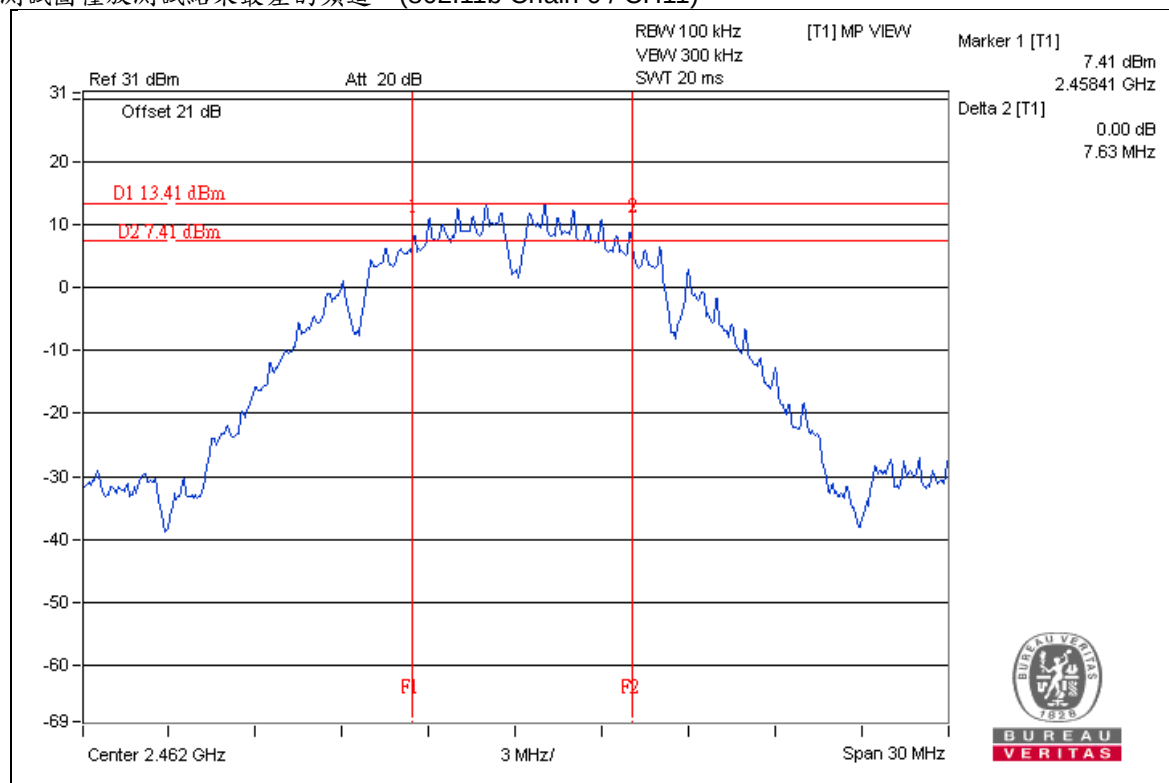
802.11n (HT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	17.61	17.63	0.5	Pass
6	2437	17.60	17.66	0.5	Pass
11	2462	17.65	17.64	0.5	Pass

802.11n (HT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	35.17	35.20	0.5	Pass
6	2437	35.37	35.24	0.5	Pass
9	2452	35.37	35.41	0.5	Pass

**此測試圖僅放測試結果最差的頻道。(802.11b Chain 0 / CH11)



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

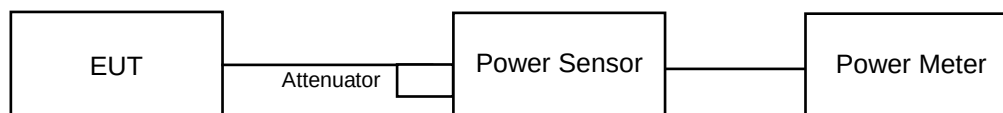
- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其最大輸出功率。

7.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1014008	May 5, 2016	May 4, 2017
Power sensor Anritsu	MA2411B	0917122	May 5, 2016	May 4, 2017

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	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	鄭樹營		

CDD Mode

802.11b

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	23.47	23.32	437.114	26.41	30	Pass
6	2437	24.97	24.83	618.14	27.91	30	Pass
11	2462	23.40	23.72	454.281	26.57	30	Pass

802.11g

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	24.08	24.02	508.207	27.06	30	Pass
6	2437	26.10	25.92	798.221	29.02	30	Pass
11	2462	24.55	24.71	580.903	27.64	30	Pass

Beamforming Mode

802.11n (HT20)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	24.10	24.20	520.067	27.16	30	Pass
6	2437	25.90	25.87	775.412	28.90	30	Pass
11	2462	23.71	23.96	483.849	26.85	30	Pass

802.11n (HT40)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	23.36	23.55	443.234	26.47	30	Pass
6	2437	24.23	24.21	528.483	27.23	30	Pass
9	2452	23.10	23.50	428.046	26.31	30	Pass

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

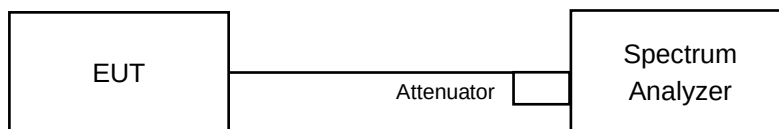
- 將待測物之天線埠連接至測試儀器。
- 設定解析頻寬為 3 kHz，視訊頻寬為 10kHz，掃描時間設為自動，直至掃描信號穩定。
- 使用峰值功能鍵,並找到最大的峰值準位。

8.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSP40	100060	May 11, 2016	May 10, 2017

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.

8.4 測試配置



8.5 量測結果

操作模式	發射	測試日期	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	鄭樹營		

CDD Mode

802.11b

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-3.06	3.01	-0.05	8	Pass
	6	2437	-3.86	3.01	-0.85	8	Pass
	11	2462	-4.20	3.01	-1.19	8	Pass
1	1	2412	-4.19	3.01	-1.18	8	Pass
	6	2437	-2.81	3.01	0.20	8	Pass
	11	2462	-3.31	3.01	-0.30	8	Pass

NOTE: Directional gain = 5.9dBi < 6dBi , so the power limit shall not to be reduced.

802.11g

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-11.32	3.01	-8.31	8	Pass
	6	2437	-4.68	3.01	-1.67	8	Pass
	11	2462	-9.35	3.01	-6.34	8	Pass
1	1	2412	-10.98	3.01	-7.97	8	Pass
	6	2437	-5.23	3.01	-2.22	8	Pass
	11	2462	-9.39	3.01	-6.38	8	Pass

NOTE: Directional gain = 5.9dBi < 6dBi , so the power limit shall not to be reduced.

Beamforming Mode

802.11n (HT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-10.17	3.01	-7.16	8	Pass
	6	2437	-5.60	3.01	-2.59	8	Pass
	11	2462	-11.31	3.01	-8.30	8	Pass
1	1	2412	-10.50	3.01	-7.49	8	Pass
	6	2437	-5.37	3.01	-2.36	8	Pass
	11	2462	-10.78	3.01	-7.77	8	Pass

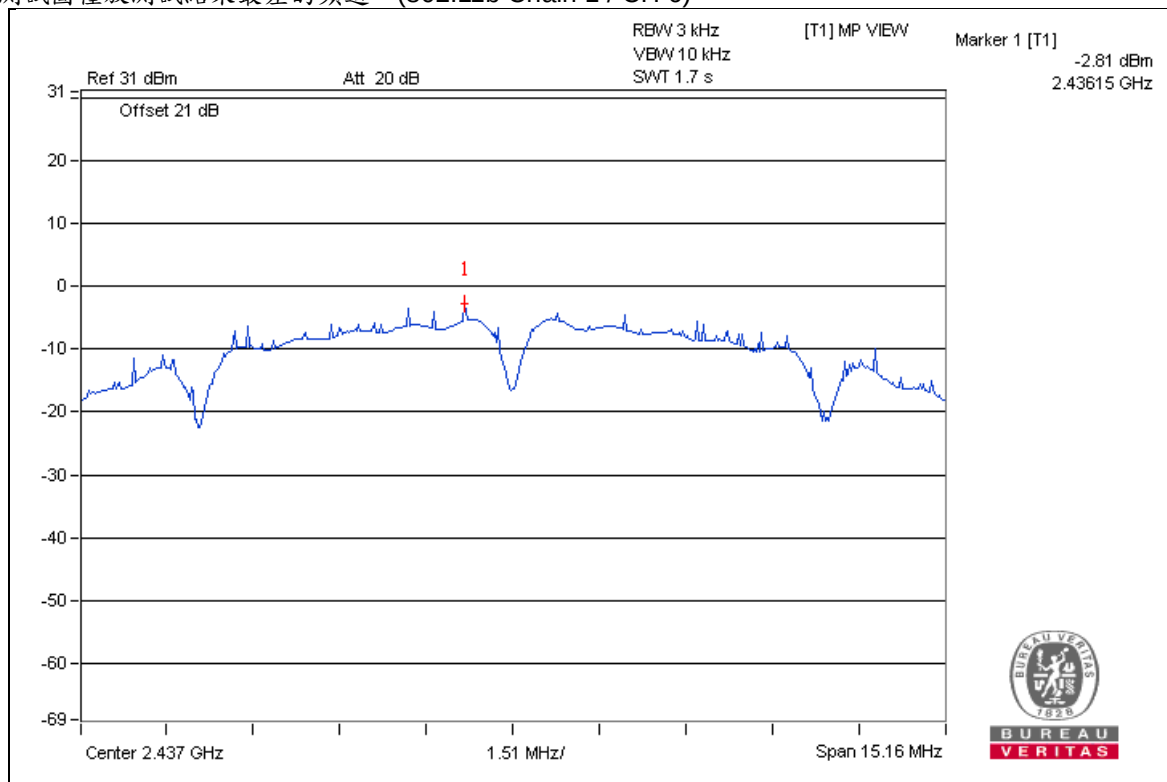
NOTE: Directional gain = 5.9dBi < 6dBi , so the power limit shall not to be reduced.

802.11n (HT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	3	2422	-12.71	3.01	-9.70	8	Pass
	6	2437	-12.09	3.01	-9.08	8	Pass
	9	2452	-14.33	3.01	-11.32	8	Pass
1	3	2422	-14.23	3.01	-11.22	8	Pass
	6	2437	-11.92	3.01	-8.91	8	Pass
	9	2452	-13.18	3.01	-10.17	8	Pass

NOTE: Directional gain = 5.9dBi < 6dBi , so the power limit shall not to be reduced.

**此測試圖僅放測試結果最差的頻道。(802.11b Chain 1 / CH 6)



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

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 20, 2016	July 19, 2017
Pre-Amplifier ^(*) EMCI	EMC001340	980142	Jan. 20, 2016	Jan. 19, 2018
Loop Antenna ^(*) Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 18, 2016	Jan. 17, 2017
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-01	Nov. 10, 2016	Nov. 09, 2017
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Jan. 04, 2016	Jan. 03, 2017
RF Cable	8D	966-4-1 966-4-2 966-4-3	Apr. 02, 2016	Apr. 01, 2017
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Oct. 05, 2016	Oct. 04, 2017
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Jan. 19, 2016	Jan. 18, 2017
Pre-Amplifier Agilent	8449B	3008A01922	Sep. 18, 2016	Sep. 17, 2017
RF Cable	EMC104-SM- SM-2000 EMC104-SM- SM-5000 EMC104-SM- SM-5000	150318 150323 150324	Mar. 30, 2016	Mar. 29, 2017
Pre-Amplifier EMCI	EMC184045	980143	Jan. 15, 2016	Jan. 14, 2017
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Jan. 08, 2016	Jan. 07, 2017
RF Cable	SUCOFLEX 102	36432/2 36441/2	Jan. 16, 2016	Jan. 15, 2017
Software	ADT_Radiated V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208410	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP02	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 calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in 966 Chamber No. 4.
4. The FCC Site Registration No. is 292998
5. The CANADA Site Registration No. is 20331-2
- 6 Loop antenna was used for all emissions below 30 MHz.
7. 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)	5.30 dB
Radiated emissions (1GHz ~6GHz)	4.78 dB
Radiated emissions (6GHz ~18GHz)	4.52 dB
Radiated emissions (18GHz ~40GHz)	5.08 dB

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 v01r03		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

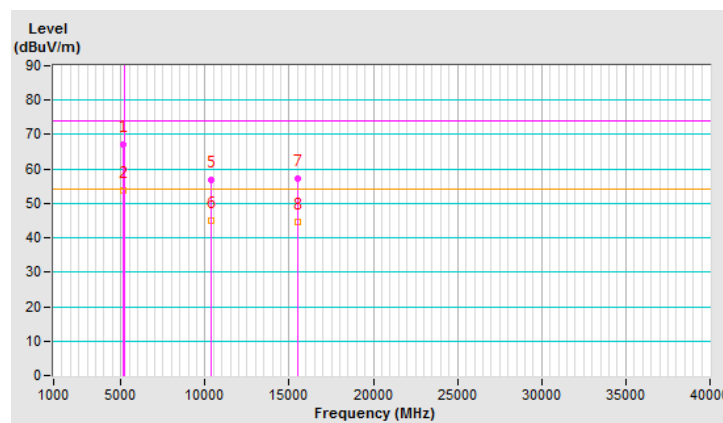
802.11a

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=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	67.0 PK	74.0	-7.0	1.62 H	327	64.0	3.0
2	5150.00	53.9 AV	54.0	-0.1	1.62 H	327	50.9	3.0
3	*5180.00	117.0 PK			1.62 H	327	113.8	3.2
4	*5180.00	105.6 AV			1.62 H	327	102.4	3.2
5	#10360.00	56.9 PK	74.0	-17.1	1.65 H	242	43.8	13.1
6	#10360.00	45.0 AV	54.0	-9.0	1.65 H	242	31.9	13.1
7	15540.00	57.3 PK	74.0	-16.7	1.56 H	156	42.6	14.7
8	15540.00	44.7 AV	54.0	-9.3	1.56 H	156	30.0	14.7
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

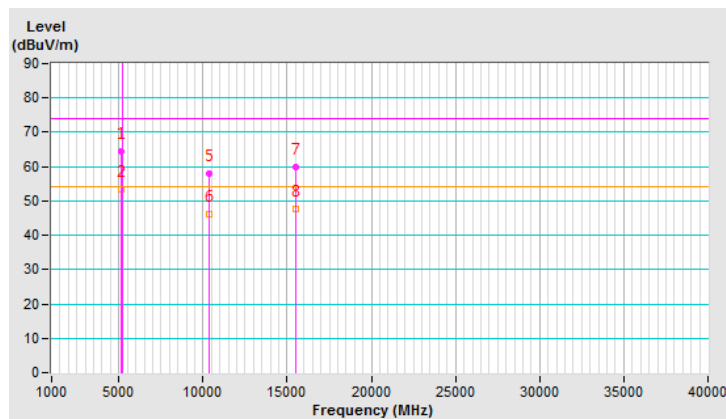


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.4 PK	74.0	-9.6	1.88 V	76	61.4	3.0
2	5150.00	53.2 AV	54.0	-0.8	1.88 V	76	50.2	3.0
3	*5180.00	116.8 PK			1.88 V	76	113.6	3.2
4	*5180.00	105.1 AV			1.88 V	76	101.9	3.2
5	#10360.00	58.0 PK	74.0	-16.0	2.86 V	186	44.9	13.1
6	#10360.00	46.2 AV	54.0	-7.8	2.86 V	186	33.1	13.1
7	15540.00	59.7 PK	74.0	-14.3	1.70 V	259	45.0	14.7
8	15540.00	47.8 AV	54.0	-6.2	1.70 V	259	33.1	14.7
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

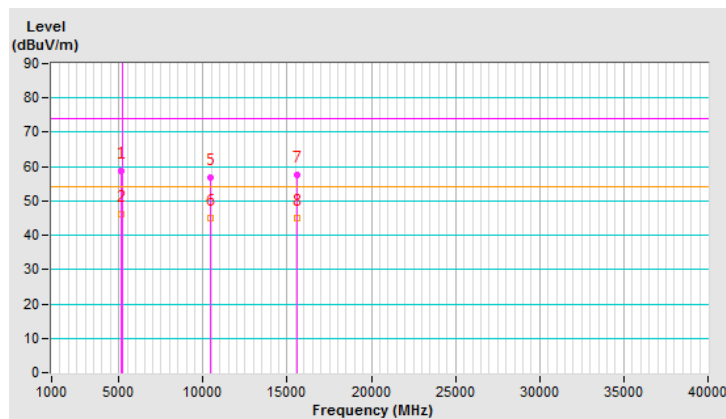


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.60 H	323	55.7	3.0
2	5150.00	46.0 AV	54.0	-8.0	1.60 H	323	43.0	3.0
3	*5200.00	113.0 PK			1.60 H	323	109.8	3.2
4	*5200.00	103.8 AV			1.60 H	323	100.6	3.2
5	#10400.00	56.7 PK	74.0	-17.3	1.70 H	240	43.3	13.4
6	#10400.00	45.0 AV	54.0	-9.0	1.70 H	240	31.6	13.4
7	15600.00	57.5 PK	74.0	-16.5	1.61 H	152	42.7	14.8
8	15600.00	45.1 AV	54.0	-8.9	1.61 H	152	30.3	14.8
9	20800.00	-	-	-	-	-	-	-
10	#26000.00	-	-	-	-	-	-	-
11	31200.00	-	-	-	-	-	-	-
12	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

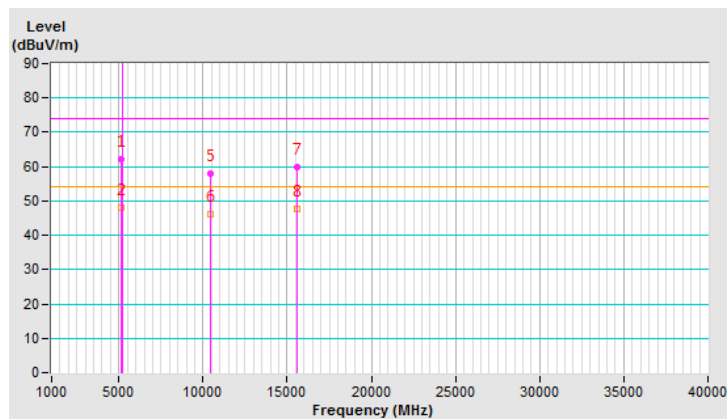


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	62.0 PK	74.0	-12.0	1.98 V	67	59.0	3.0
2	5150.00	48.1 AV	54.0	-5.9	1.98 V	67	45.1	3.0
3	*5200.00	116.5 PK			1.98 V	67	113.3	3.2
4	*5200.00	105.9 AV			1.98 V	67	102.7	3.2
5	#10400.00	57.8 PK	74.0	-16.2	2.84 V	188	44.4	13.4
6	#10400.00	46.2 AV	54.0	-7.8	2.84 V	188	32.8	13.4
7	15600.00	59.7 PK	74.0	-14.3	1.69 V	261	44.9	14.8
8	15600.00	47.6 AV	54.0	-6.4	1.69 V	261	32.8	14.8
9	20800.00	-	-	-	-	-	-	-
10	#26000.00	-	-	-	-	-	-	-
11	31200.00	-	-	-	-	-	-	-
12	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

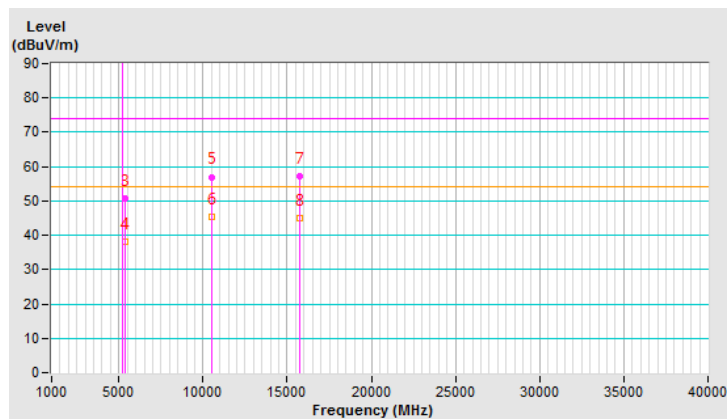


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.9 PK			1.57 H	315	109.8	3.1
2	*5240.00	104.1 AV			1.57 H	315	101.0	3.1
3	5350.00	50.7 PK	74.0	-23.3	1.57 H	315	47.5	3.2
4	5350.00	38.0 AV	54.0	-16.0	1.57 H	315	34.8	3.2
5	#10480.00	57.0 PK	74.0	-17.0	1.64 H	236	44.1	12.9
6	#10480.00	45.5 AV	54.0	-8.5	1.64 H	236	32.6	12.9
7	15720.00	57.3 PK	74.0	-16.7	1.65 H	149	42.3	15.0
8	15720.00	44.9 AV	54.0	-9.1	1.65 H	149	29.9	15.0
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

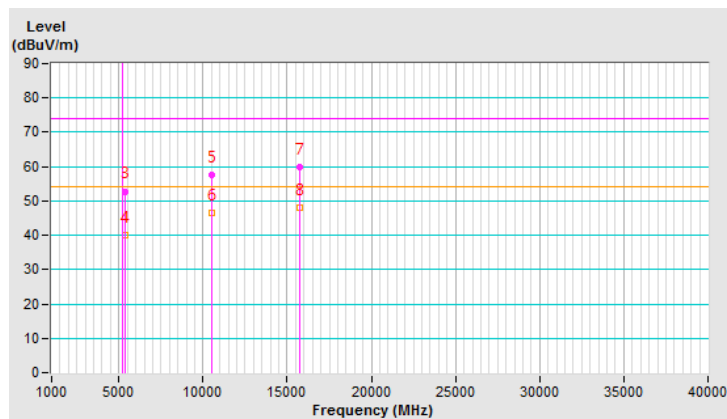


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	116.4 PK			1.98 V	62	113.3	3.1
2	*5240.00	106.2 AV			1.98 V	62	103.1	3.1
3	5350.00	52.8 PK	74.0	-21.2	1.98 V	62	49.6	3.2
4	5350.00	40.0 AV	54.0	-14.0	1.98 V	62	36.8	3.2
5	#10480.00	57.7 PK	74.0	-16.3	2.86 V	193	44.8	12.9
6	#10480.00	46.4 AV	54.0	-7.6	2.86 V	193	33.5	12.9
7	15720.00	59.9 PK	74.0	-14.1	1.74 V	273	44.9	15.0
8	15720.00	48.0 AV	54.0	-6.0	1.74 V	273	33.0	15.0
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

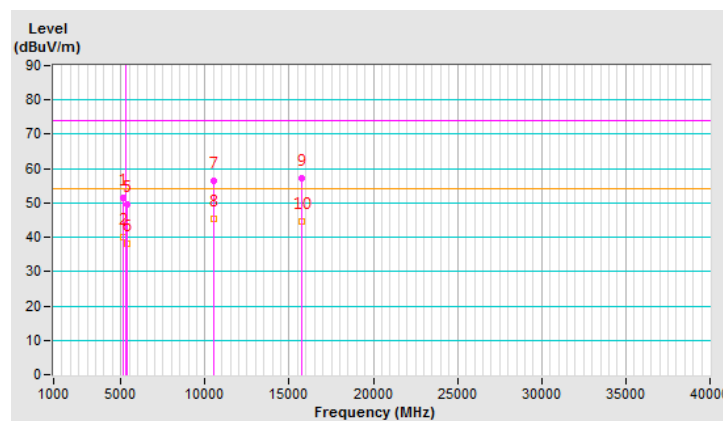


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	51.4 PK	74.0	-22.6	1.63 H	318	48.4	3.0
2	5150.00	40.1 AV	54.0	-13.9	1.63 H	318	37.1	3.0
3	*5260.00	109.7 PK			1.63 H	318	106.6	3.1
4	*5260.00	101.1 AV			1.63 H	318	98.0	3.1
5	5350.00	49.4 PK	74.0	-24.6	1.63 H	318	46.2	3.2
6	5350.00	38.1 AV	54.0	-15.9	1.63 H	318	34.9	3.2
7	#10520.00	56.5 PK	74.0	-17.5	1.67 H	245	43.6	12.9
8	#10520.00	45.2 AV	54.0	-8.8	1.67 H	245	32.3	12.9
9	15780.00	57.3 PK	74.0	-16.7	1.67 H	150	42.5	14.8
10	15780.00	44.7 AV	54.0	-9.3	1.67 H	150	29.9	14.8
11	21040.00	-	-	-	-	-	-	-
12	#26300.00	-	-	-	-	-	-	-
13	31560.00	-	-	-	-	-	-	-
14	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

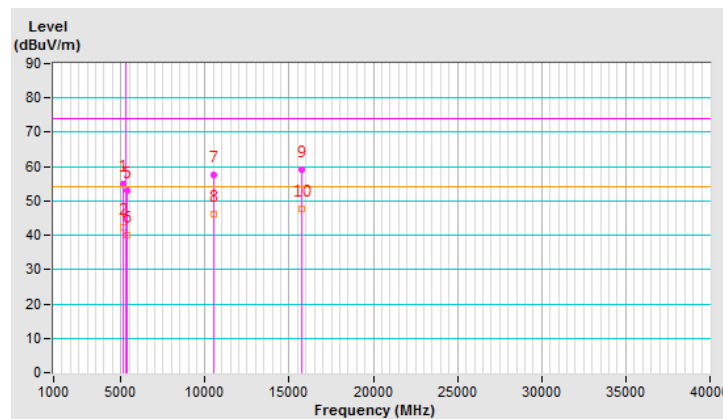


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	54.8 PK	74.0	-19.2	1.98 V	61	51.8	3.0
2	5150.00	42.2 AV	54.0	-11.8	1.98 V	61	39.2	3.0
3	*5260.00	113.2 PK			1.98 V	61	110.1	3.1
4	*5260.00	103.2 AV			1.98 V	61	100.1	3.1
5	5350.00	52.9 PK	74.0	-21.1	1.98 V	61	49.7	3.2
6	5350.00	40.1 AV	54.0	-13.9	1.98 V	61	36.9	3.2
7	#10520.00	57.6 PK	74.0	-16.4	2.81 V	199	44.7	12.9
8	#10520.00	46.0 AV	54.0	-8.0	2.81 V	199	33.1	12.9
9	15780.00	59.1 PK	74.0	-14.9	1.74 V	268	44.3	14.8
10	15780.00	47.5 AV	54.0	-6.5	1.74 V	268	32.7	14.8
11	21040.00	-	-	-	-	-	-	-
12	#26300.00	-	-	-	-	-	-	-
13	31560.00	-	-	-	-	-	-	-
14	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

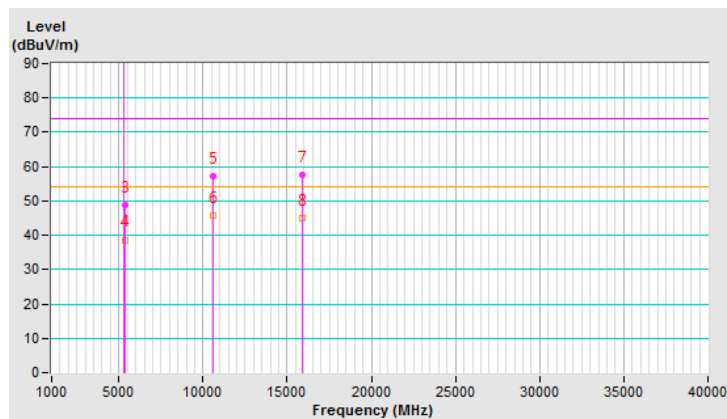


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	110.3 PK			1.68 H	333	107.2	3.1
2	*5300.00	102.0 AV			1.68 H	333	98.9	3.1
3	5350.00	48.8 PK	74.0	-25.2	1.68 H	333	45.6	3.2
4	5350.00	38.7 AV	54.0	-15.3	1.68 H	333	35.5	3.2
5	10600.00	57.3 PK	74.0	-16.7	1.65 H	243	44.3	13.0
6	10600.00	45.7 AV	54.0	-8.3	1.65 H	243	32.7	13.0
7	15900.00	57.6 PK	74.0	-16.4	1.71 H	137	43.3	14.3
8	15900.00	45.1 AV	54.0	-8.9	1.71 H	137	30.8	14.3
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

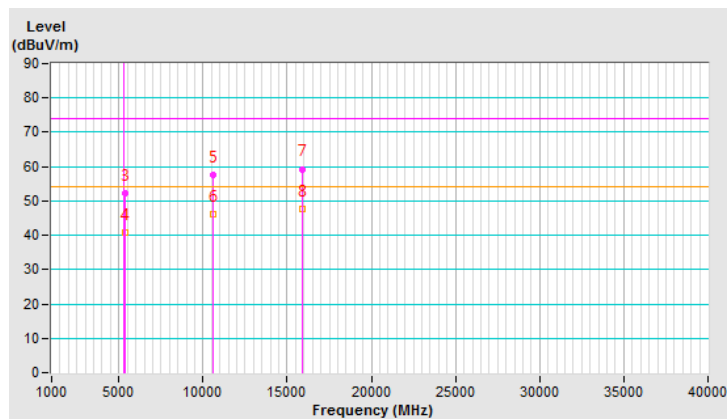


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	113.8 PK			1.98 V	65	110.7	3.1
2	*5300.00	104.1 AV			1.98 V	65	101.0	3.1
3	5350.00	52.3 PK	74.0	-21.7	1.98 V	65	49.1	3.2
4	5350.00	40.8 AV	54.0	-13.2	1.98 V	65	37.6	3.2
5	10600.00	57.7 PK	74.0	-16.3	2.81 V	204	44.7	13.0
6	10600.00	46.2 AV	54.0	-7.8	2.81 V	204	33.2	13.0
7	15900.00	59.3 PK	74.0	-14.7	1.71 V	275	45.0	14.3
8	15900.00	47.8 AV	54.0	-6.2	1.71 V	275	33.5	14.3
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

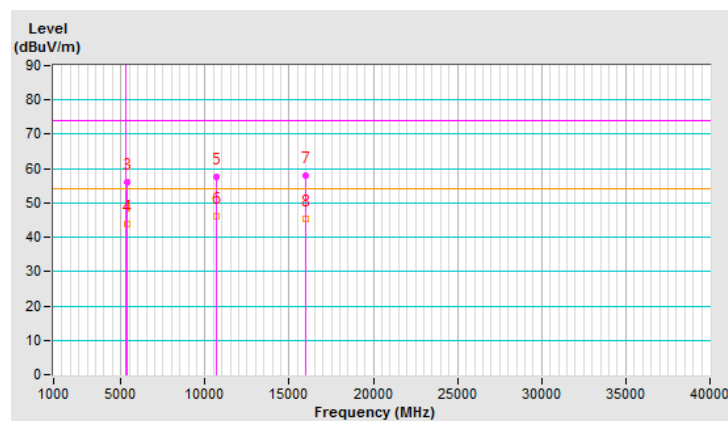


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64 : 5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	110.9 PK			1.72 H	337	107.7	3.2
2	*5320.00	102.4 AV			1.72 H	337	99.2	3.2
3	5350.00	55.9 PK	74.0	-18.1	1.72 H	337	52.7	3.2
4	5350.00	44.0 AV	54.0	-10.0	1.72 H	337	40.8	3.2
5	10640.00	57.7 PK	74.0	-16.3	1.68 H	256	44.7	13.0
6	10640.00	46.0 AV	54.0	-8.0	1.68 H	256	33.0	13.0
7	15960.00	58.1 PK	74.0	-15.9	1.77 H	139	43.6	14.5
8	15960.00	45.4 AV	54.0	-8.6	1.77 H	139	30.9	14.5
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

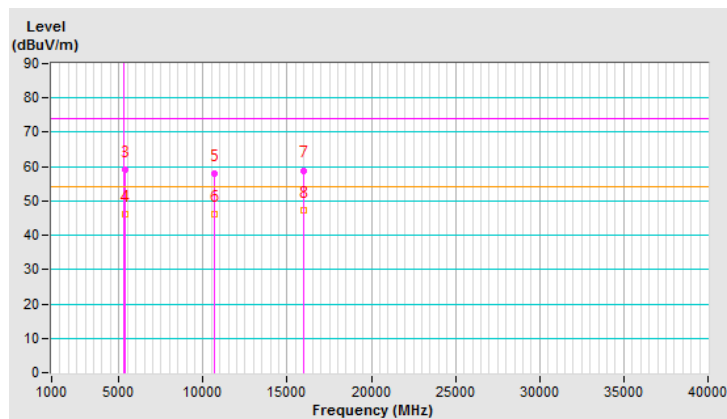


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.4 PK			1.98 V	69	111.2	3.2
2	*5320.00	104.5 AV			1.98 V	69	101.3	3.2
3	5350.00	59.0 PK	74.0	-15.0	1.98 V	69	55.8	3.2
4	5350.00	46.1 AV	54.0	-7.9	1.98 V	69	42.9	3.2
5	10640.00	57.8 PK	74.0	-16.2	2.80 V	213	44.8	13.0
6	10640.00	46.2 AV	54.0	-7.8	2.80 V	213	33.2	13.0
7	15960.00	58.9 PK	74.0	-15.1	1.77 V	278	44.4	14.5
8	15960.00	47.1 AV	54.0	-6.9	1.77 V	278	32.6	14.5
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

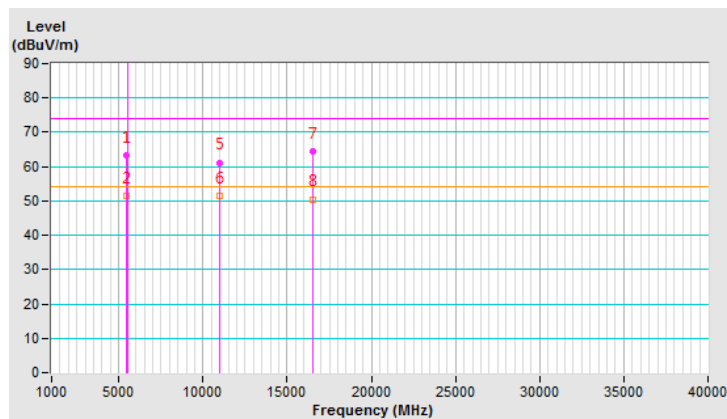


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	63.3 PK	74.0	-10.7	3.98 H	66	59.8	3.5
2	#5470.00	51.3 AV	54.0	-2.7	3.98 H	66	47.8	3.5
3	*5500.00	111.7 PK			3.98 H	66	108.2	3.5
4	*5500.00	103.4 AV			3.98 H	66	99.9	3.5
5	11000.00	61.2 PK	74.0	-12.8	1.06 H	345	47.5	13.7
6	11000.00	51.3 AV	54.0	-2.7	1.06 H	345	37.6	13.7
7	#16500.00	64.4 PK	74.0	-9.6	1.88 H	342	47.9	16.5
8	#16500.00	50.5 AV	54.0	-3.5	1.88 H	342	34.0	16.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

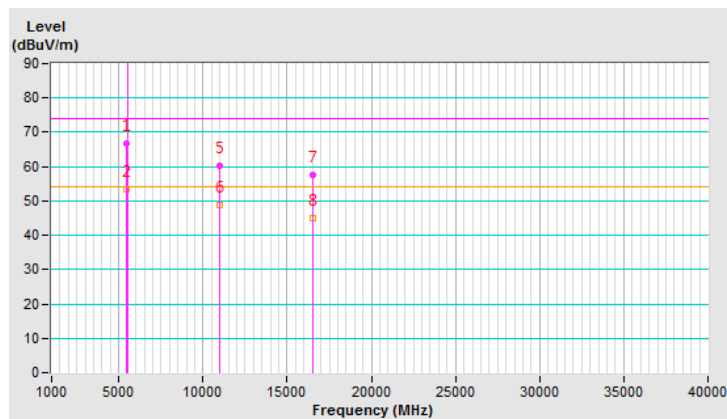


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	66.8 PK	74.0	-7.2	1.86 V	344	63.3	3.5
2	#5470.00	53.4 AV	54.0	-0.6	1.86 V	344	49.9	3.5
3	*5500.00	115.2 PK			1.86 V	344	111.7	3.5
4	*5500.00	105.5 AV			1.86 V	344	102.0	3.5
5	11000.00	60.4 PK	74.0	-13.6	4.00 V	212	46.7	13.7
6	11000.00	48.8 AV	54.0	-5.2	4.00 V	212	35.1	13.7
7	#16500.00	57.6 PK	74.0	-16.4	1.51 V	188	41.1	16.5
8	#16500.00	44.9 AV	54.0	-9.1	1.51 V	188	28.4	16.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

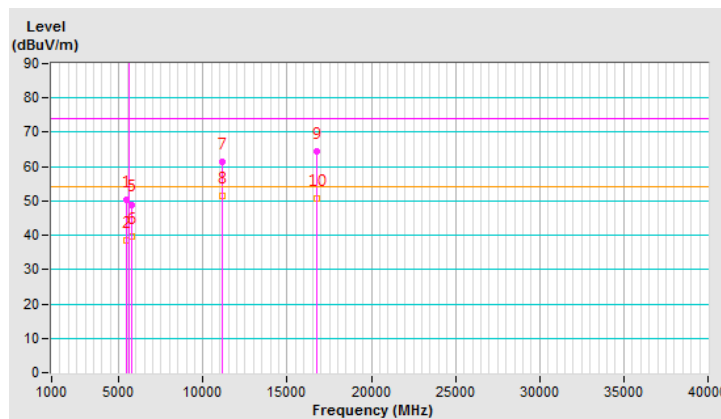


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	50.3 PK	74.0	-23.7	3.97 H	75	46.8	3.5
2	#5470.00	38.6 AV	54.0	-15.4	3.97 H	75	35.1	3.5
3	*5580.00	113.7 PK			3.97 H	75	110.0	3.7
4	*5580.00	103.6 AV			3.97 H	75	99.9	3.7
5	#5725.00	49.0 PK	74.0	-25.0	3.97 H	75	45.0	4.0
6	#5725.00	39.6 AV	54.0	-14.4	3.97 H	75	35.6	4.0
7	11160.00	61.4 PK	74.0	-12.6	1.01 H	346	47.6	13.8
8	11160.00	51.3 AV	54.0	-2.7	1.01 H	346	37.5	13.8
9	#16740.00	64.5 PK	74.0	-9.5	1.92 H	350	47.0	17.5
10	#16740.00	50.7 AV	54.0	-3.3	1.92 H	350	33.2	17.5
11	22320.00	-	-	-	-	-	-	-
12	#27900.00	-	-	-	-	-	-	-
13	#33480.00	-	-	-	-	-	-	-
14	39060.00	-	-	-	-	-	-	-

REMARKS:

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

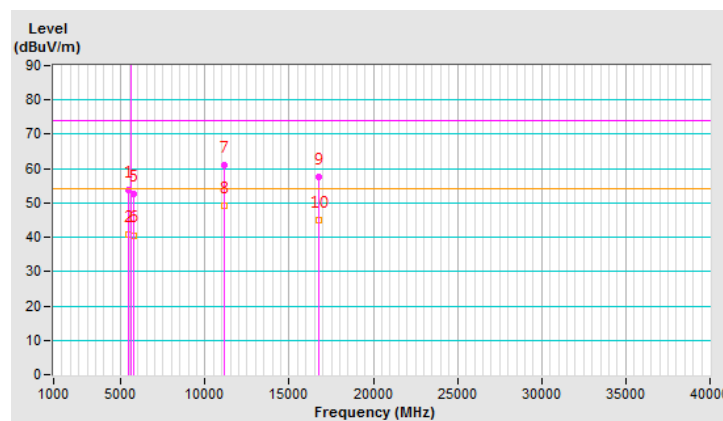


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	53.7 PK	74.0	-20.3	1.87 V	341	50.2	3.5
2	#5470.00	40.7 AV	54.0	-13.3	1.87 V	341	37.2	3.5
3	*5580.00	117.1 PK			1.87 V	341	113.4	3.7
4	*5580.00	105.7 AV			1.87 V	341	102.0	3.7
5	#5725.00	52.5 PK	74.0	-21.5	1.87 V	341	48.5	4.0
6	#5725.00	40.6 AV	54.0	-13.4	1.87 V	341	36.6	4.0
7	11160.00	60.9 PK	74.0	-13.1	3.95 V	223	47.1	13.8
8	11160.00	49.2 AV	54.0	-4.8	3.95 V	223	35.4	13.8
9	#16740.00	57.6 PK	74.0	-16.4	1.50 V	175	40.1	17.5
10	#16740.00	45.0 AV	54.0	-9.0	1.50 V	175	27.5	17.5
11	22320.00	-	-	-	-	-	-	-
12	#27900.00	-	-	-	-	-	-	-
13	#33480.00	-	-	-	-	-	-	-
14	39060.00	-	-	-	-	-	-	-

REMARKS:

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

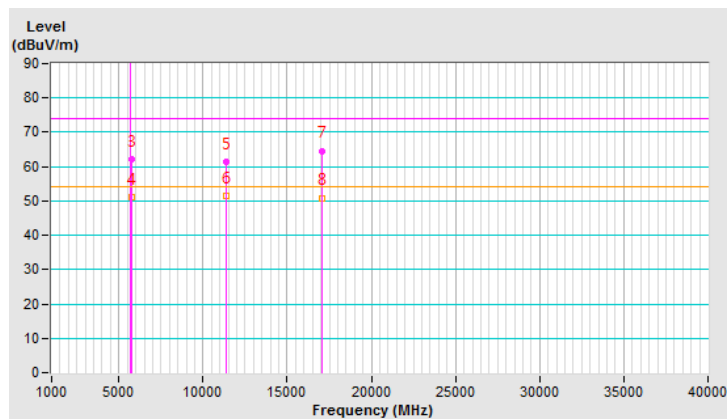


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	110.6 PK			3.93 H	59	106.6	4.0
2	*5700.00	102.2 AV			3.93 H	59	98.2	4.0
3	#5725.00	62.1 PK	74.0	-11.9	3.93 H	59	58.1	4.0
4	#5725.00	51.2 AV	54.0	-2.8	3.93 H	59	47.2	4.0
5	11400.00	61.5 PK	74.0	-12.5	1.01 H	348	47.7	13.8
6	11400.00	51.3 AV	54.0	-2.7	1.01 H	348	37.5	13.8
7	#17100.00	64.6 PK	74.0	-9.4	1.92 H	344	45.5	19.1
8	#17100.00	50.9 AV	54.0	-3.1	1.92 H	344	31.8	19.1
9	22800.00	-	-	-	-	-	-	-
10	#28500.00	-	-	-	-	-	-	-
11	#34200.00	-	-	-	-	-	-	-
12	39900.00	-	-	-	-	-	-	-

REMARKS:

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

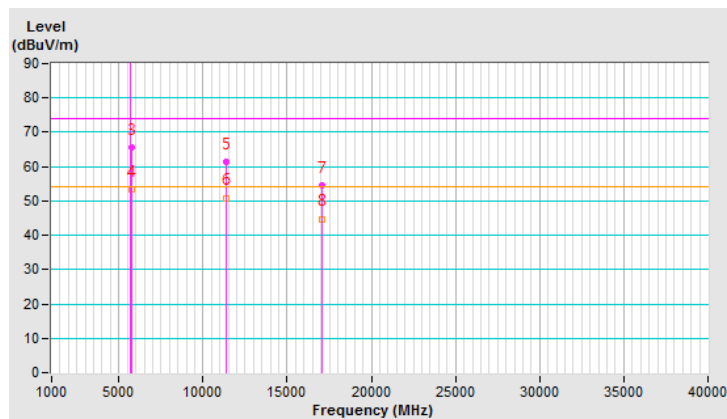


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.0 PK			1.92 V	346	110.0	4.0
2	*5700.00	104.3 AV			1.92 V	346	100.3	4.0
3	#5725.00	65.5 PK	74.0	-8.5	1.92 V	346	61.5	4.0
4	#5725.00	53.3 AV	54.0	-0.7	1.92 V	346	49.3	4.0
5	11400.00	61.3 PK	74.0	-12.7	1.00 V	210	47.5	13.8
6	11400.00	50.9 AV	54.0	-3.1	1.00 V	210	37.1	13.8
7	#17100.00	54.6 PK	74.0	-19.4	1.83 V	298	35.5	19.1
8	#17100.00	44.8 AV	54.0	-9.2	1.83 V	298	25.7	19.1
9	22800.00	-	-	-	-	-	-	-
10	#28500.00	-	-	-	-	-	-	-
11	#34200.00	-	-	-	-	-	-	-
12	39900.00	-	-	-	-	-	-	-

REMARKS:

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



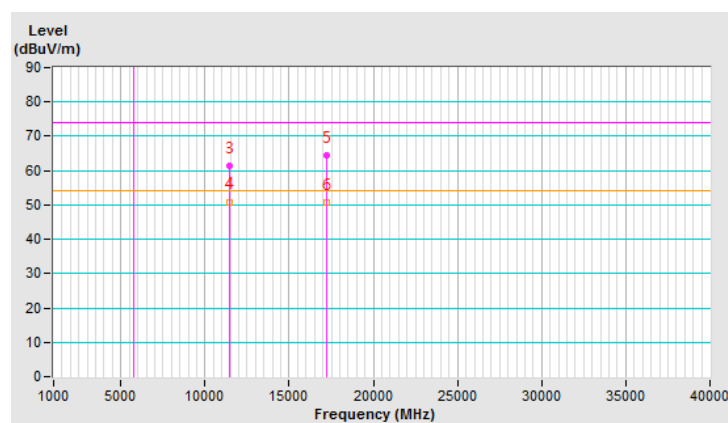
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	112.4 PK			3.09 H	63	108.4	4.0
2	*5745.00	102.3 AV			3.09 H	63	98.3	4.0
3	11490.00	61.3 PK	74.0	-12.7	1.00 H	341	47.3	14.0
4	11490.00	50.9 AV	54.0	-3.1	1.00 H	341	36.9	14.0
5	#17235.00	64.3 PK	74.0	-9.7	1.96 H	337	44.6	19.7
6	#17235.00	50.8 AV	54.0	-3.2	1.96 H	337	31.1	19.7
7	22980.00	-	-	-	-	-	-	-
8	#28725.00	-	-	-	-	-	-	-
9	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

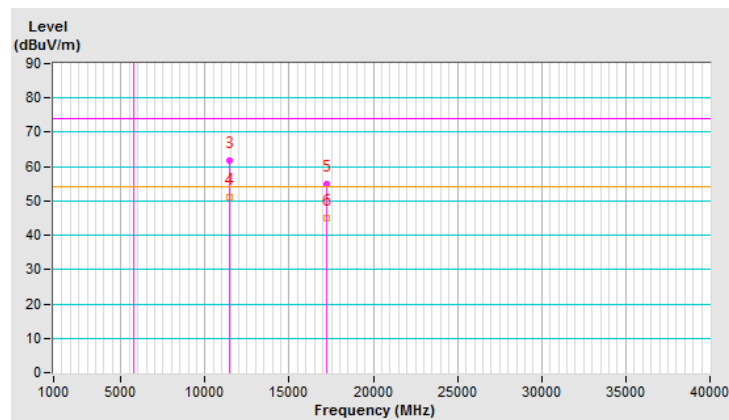


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	115.1 PK			1.00 V	347	111.1	4.0
2	*5745.00	105.6 AV			1.00 V	347	101.6	4.0
3	11490.00	61.8 PK	74.0	-12.2	1.00 V	216	47.8	14.0
4	11490.00	51.2 AV	54.0	-2.8	1.00 V	216	37.2	14.0
5	#17235.00	54.8 PK	74.0	-19.2	1.84 V	298	35.1	19.7
6	#17235.00	45.1 AV	54.0	-8.9	1.84 V	298	25.4	19.7
7	22980.00	-	-	-	-	-	-	-
8	#28725.00	-	-	-	-	-	-	-
9	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

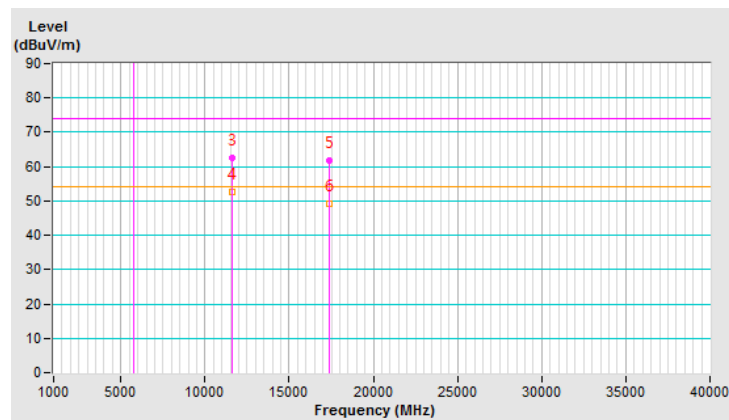


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	113.4 PK			3.38 H	69	109.4	4.0
2	*5785.00	103.1 AV			3.38 H	69	99.1	4.0
3	11570.00	62.5 PK	74.0	-11.5	1.00 H	336	48.7	13.8
4	11570.00	52.6 AV	54.0	-1.4	1.00 H	336	38.8	13.8
5	#17355.00	61.7 PK	74.0	-12.3	1.92 H	334	41.3	20.4
6	#17355.00	49.2 AV	54.0	-4.8	1.92 H	334	28.8	20.4
7	#23140.00	-	-	-	-	-	-	-
8	#28925.00	-	-	-	-	-	-	-
9	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

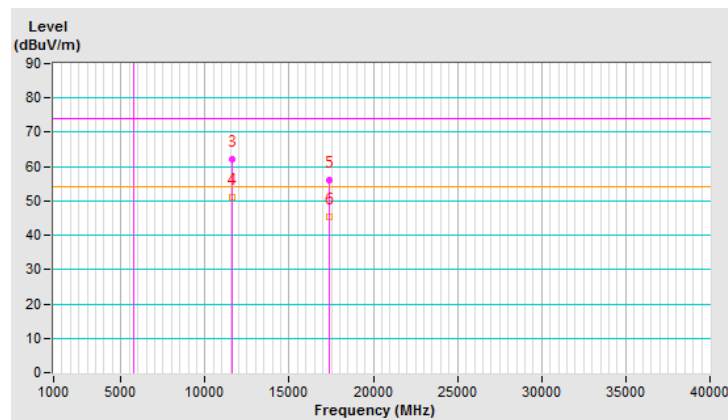


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	117.7 PK			1.00 V	360	113.7	4.0
2	*5785.00	108.1 AV			1.00 V	360	104.1	4.0
3	11570.00	62.2 PK	74.0	-11.8	1.00 V	220	48.4	13.8
4	11570.00	51.2 AV	54.0	-2.8	1.00 V	220	37.4	13.8
5	#17355.00	56.1 PK	74.0	-17.9	1.20 V	152	35.7	20.4
6	#17355.00	45.3 AV	54.0	-8.7	1.20 V	152	24.9	20.4
7	#23140.00	-	-	-	-	-	-	-
8	#28925.00	-	-	-	-	-	-	-
9	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

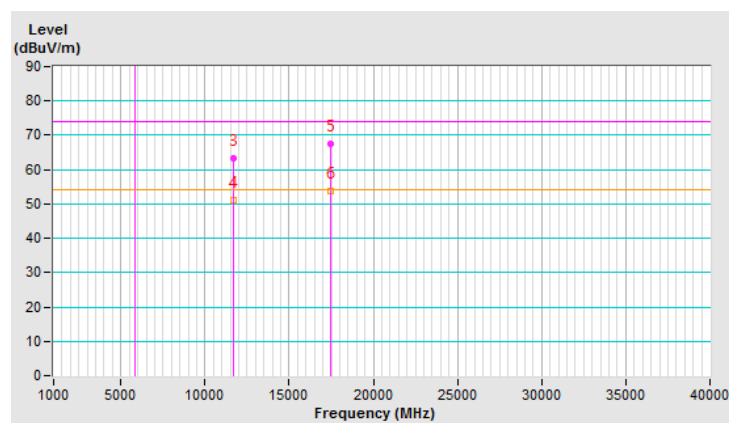


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.5 PK			3.02 H	44	107.5	4.0
2	*5825.00	101.5 AV			3.02 H	44	97.5	4.0
3	11650.00	63.4 PK	74.0	-10.6	3.34 H	343	49.7	13.7
4	11650.00	51.2 AV	54.0	-2.8	3.34 H	343	37.5	13.7
5	#17475.00	67.5 PK	74.0	-6.5	2.04 H	327	46.8	20.7
6	#17475.00	53.8 AV	54.0	-0.2	2.04 H	327	33.1	20.7
7	#23300.00	-	-	-	-	-	-	-
8	#29125.00	-	-	-	-	-	-	-
9	#34950.00	-	-	-	-	-	-	-

REMARKS:

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

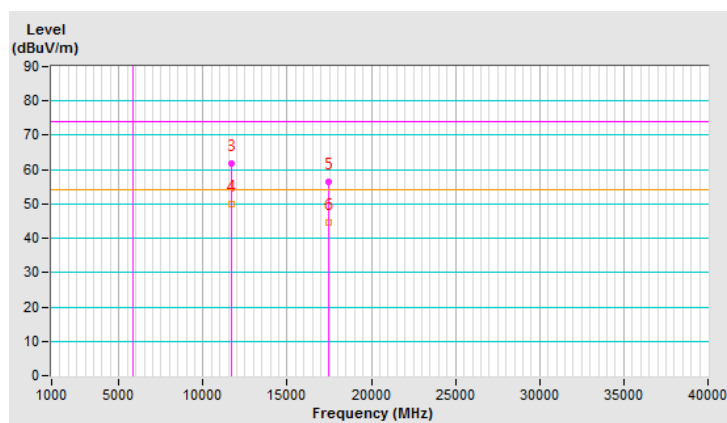


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	118.0 PK			1.00 V	360	114.0	4.0
2	*5825.00	107.7 AV			1.00 V	360	103.7	4.0
3	11650.00	61.8 PK	74.0	-12.2	1.00 V	343	48.1	13.7
4	11650.00	50.1 AV	54.0	-3.9	1.00 V	343	36.4	13.7
5	#17475.00	56.3 PK	74.0	-17.7	1.43 V	213	35.6	20.7
6	#17475.00	44.6 AV	54.0	-9.4	1.43 V	213	23.9	20.7
7	#23300.00	-	-	-	-	-	-	-
8	#29125.00	-	-	-	-	-	-	-
9	#34950.00	-	-	-	-	-	-	-

REMARKS:

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



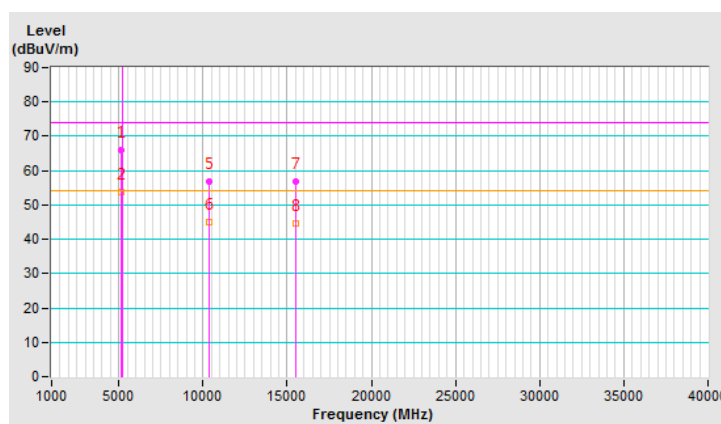
802.11ac (VHT20)

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：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	65.8 PK	74.0	-8.2	1.74 H	331	62.8	3.0
2	5150.00	53.9 AV	54.0	-0.1	1.74 H	331	50.9	3.0
3	*5180.00	112.9 PK			1.74 H	331	109.7	3.2
4	*5180.00	101.5 AV			1.74 H	331	98.3	3.2
5	#10360.00	56.9 PK	74.0	-17.1	1.68 H	252	43.8	13.1
6	#10360.00	45.1 AV	54.0	-8.9	1.68 H	252	32.0	13.1
7	15540.00	56.9 PK	74.0	-17.1	1.58 H	170	42.2	14.7
8	15540.00	44.6 AV	54.0	-9.4	1.58 H	170	29.9	14.7
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

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)
- The other emission levels were very low against the limit.
- Margin value = Emission Level – Limit value
- " * ": 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.

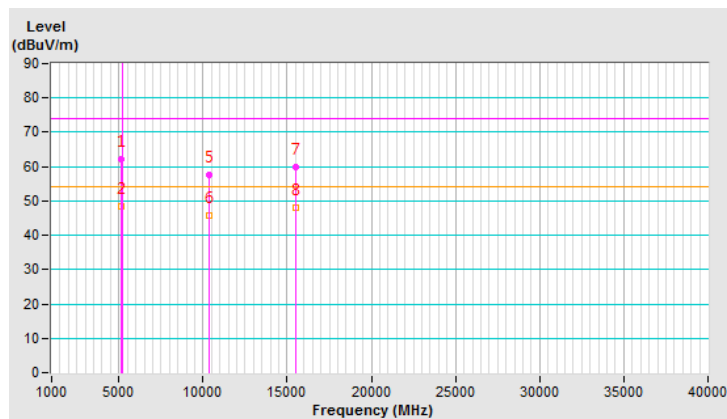


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36 : 5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	62.2 PK	74.0	-11.8	2.06 V	76	59.2	3.0
2	5150.00	48.3 AV	54.0	-5.7	2.06 V	76	45.3	3.0
3	*5180.00	111.5 PK			2.06 V	76	108.3	3.2
4	*5180.00	100.8 AV			2.06 V	76	97.6	3.2
5	#10360.00	57.4 PK	74.0	-16.6	2.83 V	181	44.3	13.1
6	#10360.00	45.8 AV	54.0	-8.2	2.83 V	181	32.7	13.1
7	15540.00	59.9 PK	74.0	-14.1	1.69 V	262	45.2	14.7
8	15540.00	47.9 AV	54.0	-6.1	1.69 V	262	33.2	14.7
9	20720.00	-	-	-	-	-	-	-
10	#25900.00	-	-	-	-	-	-	-
11	#31080.00	-	-	-	-	-	-	-
12	#36260.00	-	-	-	-	-	-	-

REMARKS:

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

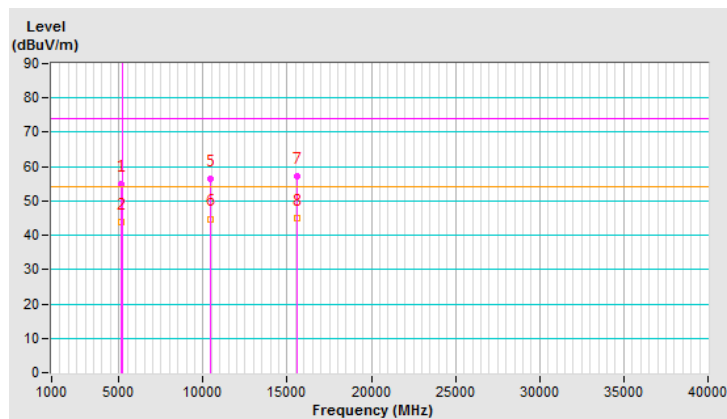


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	55.0 PK	74.0	-19.0	1.68 H	347	52.0	3.0
2	5150.00	44.0 AV	54.0	-10.0	1.68 H	347	41.0	3.0
3	*5200.00	111.6 PK			1.68 H	347	108.4	3.2
4	*5200.00	102.6 AV			1.68 H	347	99.4	3.2
5	#10400.00	56.5 PK	74.0	-17.5	1.73 H	245	43.1	13.4
6	#10400.00	44.8 AV	54.0	-9.2	1.73 H	245	31.4	13.4
7	15600.00	57.1 PK	74.0	-16.9	1.59 H	176	42.3	14.8
8	15600.00	44.9 AV	54.0	-9.1	1.59 H	176	30.1	14.8
9	20800.00	-	-	-	-	-	-	-
10	#26000.00	-	-	-	-	-	-	-
11	31200.00	-	-	-	-	-	-	-
12	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

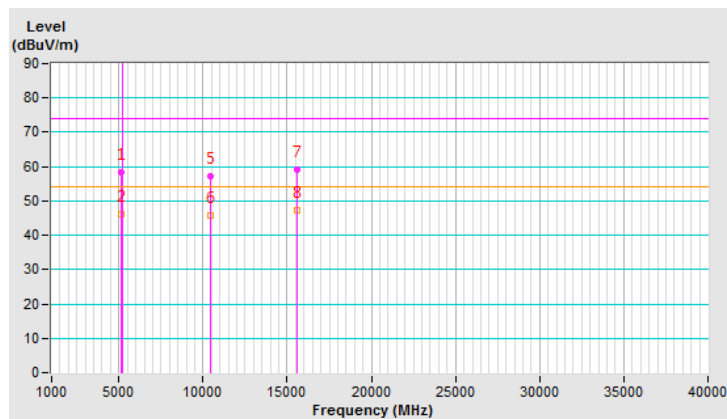


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	1.98 V	62	55.4	3.0
2	5150.00	46.1 AV	54.0	-7.9	1.98 V	62	43.1	3.0
3	*5200.00	115.0 PK			1.98 V	62	111.8	3.2
4	*5200.00	104.7 AV			1.98 V	62	101.5	3.2
5	#10400.00	57.2 PK	74.0	-16.8	2.84 V	185	43.8	13.4
6	#10400.00	45.8 AV	54.0	-8.2	2.84 V	185	32.4	13.4
7	15600.00	59.2 PK	74.0	-14.8	1.67 V	259	44.4	14.8
8	15600.00	47.4 AV	54.0	-6.6	1.67 V	259	32.6	14.8
9	20800.00	-	-	-	-	-	-	-
10	#26000.00	-	-	-	-	-	-	-
11	31200.00	-	-	-	-	-	-	-
12	#36400.00	-	-	-	-	-	-	-

REMARKS:

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

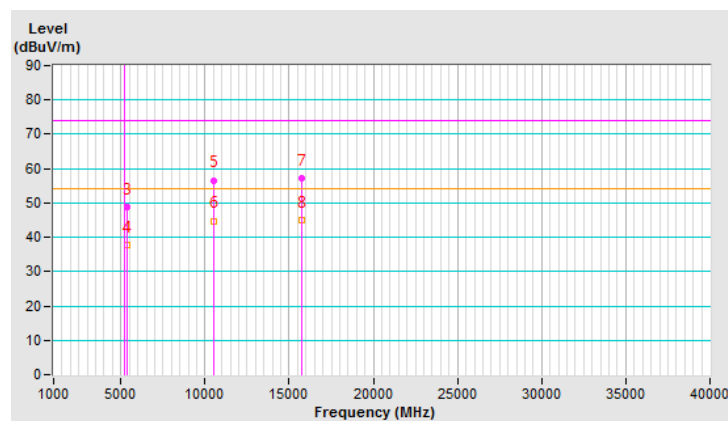


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.5 PK			1.70 H	331	108.4	3.1
2	*5240.00	102.0 AV			1.70 H	331	98.9	3.1
3	5350.00	48.9 PK	74.0	-25.1	1.70 H	331	45.7	3.2
4	5350.00	37.9 AV	54.0	-16.1	1.70 H	331	34.7	3.2
5	#10480.00	56.6 PK	74.0	-17.4	1.78 H	254	43.7	12.9
6	#10480.00	44.8 AV	54.0	-9.2	1.78 H	254	31.9	12.9
7	15720.00	57.3 PK	74.0	-16.7	1.60 H	163	42.3	15.0
8	15720.00	45.0 AV	54.0	-9.0	1.60 H	163	30.0	15.0
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

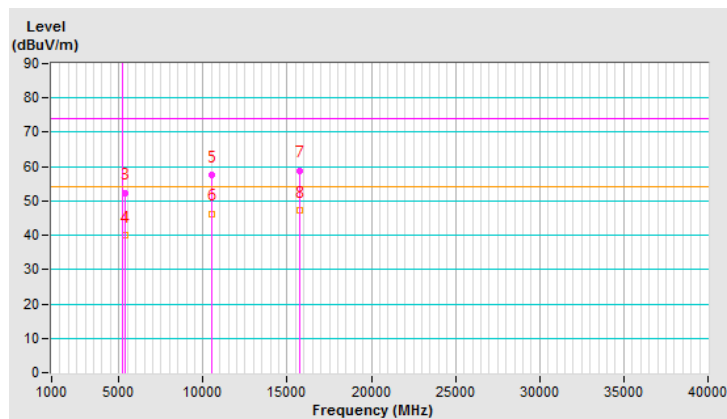


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.9 PK			1.98 V	59	111.8	3.1
2	*5240.00	104.1 AV			1.98 V	59	101.0	3.1
3	5350.00	52.4 PK	74.0	-21.6	1.98 V	59	49.2	3.2
4	5350.00	40.0 AV	54.0	-14.0	1.98 V	59	36.8	3.2
5	#10480.00	57.7 PK	74.0	-16.3	2.89 V	197	44.8	12.9
6	#10480.00	46.3 AV	54.0	-7.7	2.89 V	197	33.4	12.9
7	15720.00	58.9 PK	74.0	-15.1	1.66 V	269	43.9	15.0
8	15720.00	47.3 AV	54.0	-6.7	1.66 V	269	32.3	15.0
9	20960.00	-	-	-	-	-	-	-
10	#26200.00	-	-	-	-	-	-	-
11	31440.00	-	-	-	-	-	-	-
12	#36680.00	-	-	-	-	-	-	-

REMARKS:

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

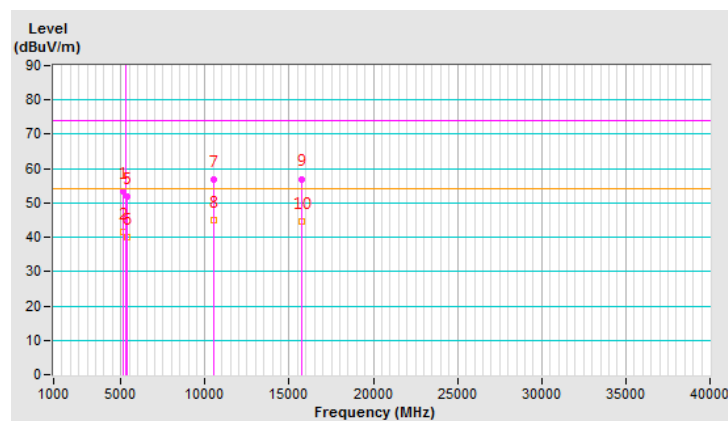


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	53.4 PK	74.0	-20.6	1.67 H	345	50.4	3.0
2	5150.00	41.6 AV	54.0	-12.4	1.67 H	345	38.6	3.0
3	*5260.00	113.5 PK			1.67 H	345	110.4	3.1
4	*5260.00	103.9 AV			1.67 H	345	100.8	3.1
5	5350.00	51.7 PK	74.0	-22.3	1.67 H	345	48.5	3.2
6	5350.00	40.1 AV	54.0	-13.9	1.67 H	345	36.9	3.2
7	#10520.00	56.7 PK	74.0	-17.3	1.76 H	252	43.8	12.9
8	#10520.00	45.1 AV	54.0	-8.9	1.76 H	252	32.2	12.9
9	15780.00	57.0 PK	74.0	-17.0	1.65 H	165	42.2	14.8
10	15780.00	44.6 AV	54.0	-9.4	1.65 H	165	29.8	14.8
11	21040.00	-	-	-	-	-	-	-
12	#26300.00	-	-	-	-	-	-	-
13	31560.00	-	-	-	-	-	-	-
14	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

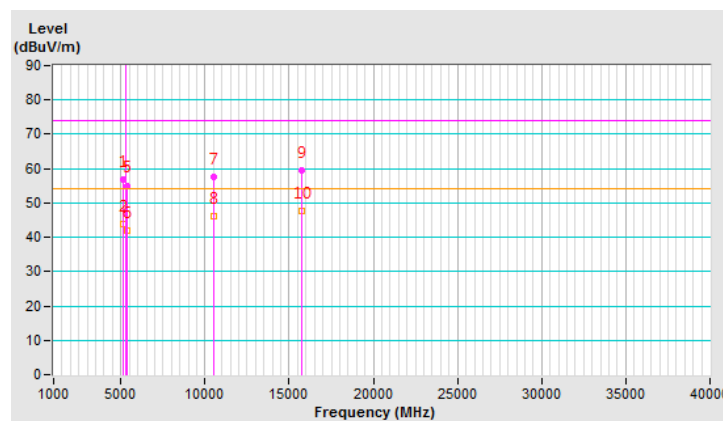


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	56.8 PK	74.0	-17.2	1.98 V	61	53.8	3.0
2	5150.00	43.7 AV	54.0	-10.3	1.98 V	61	40.7	3.0
3	*5260.00	116.9 PK			1.98 V	61	113.8	3.1
4	*5260.00	106.0 AV			1.98 V	61	102.9	3.1
5	5350.00	55.1 PK	74.0	-18.9	1.98 V	61	51.9	3.2
6	5350.00	41.8 AV	54.0	-12.2	1.98 V	61	38.6	3.2
7	#10520.00	57.4 PK	74.0	-16.6	2.92 V	187	44.5	12.9
8	#10520.00	46.2 AV	54.0	-7.8	2.92 V	187	33.3	12.9
9	15780.00	59.5 PK	74.0	-14.5	1.63 V	271	44.7	14.8
10	15780.00	47.7 AV	54.0	-6.3	1.63 V	271	32.9	14.8
11	21040.00	-	-	-	-	-	-	-
12	#26300.00	-	-	-	-	-	-	-
13	31560.00	-	-	-	-	-	-	-
14	#36820.00	-	-	-	-	-	-	-

REMARKS:

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

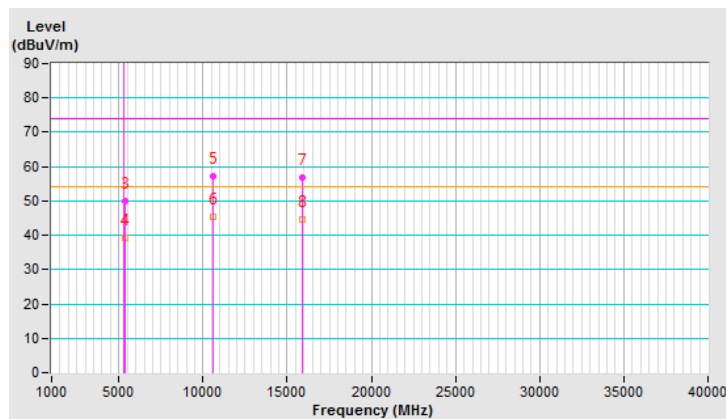


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60 : 5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.1 PK			1.71 H	347	108.0	3.1
2	*5300.00	101.5 AV			1.71 H	347	98.4	3.1
3	5350.00	49.8 PK	74.0	-24.2	1.71 H	347	46.6	3.2
4	5350.00	39.3 AV	54.0	-14.7	1.71 H	347	36.1	3.2
5	10600.00	57.2 PK	74.0	-16.8	1.77 H	251	44.2	13.0
6	10600.00	45.4 AV	54.0	-8.6	1.77 H	251	32.4	13.0
7	15900.00	56.9 PK	74.0	-17.1	1.63 H	151	42.6	14.3
8	15900.00	44.6 AV	54.0	-9.4	1.63 H	151	30.3	14.3
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

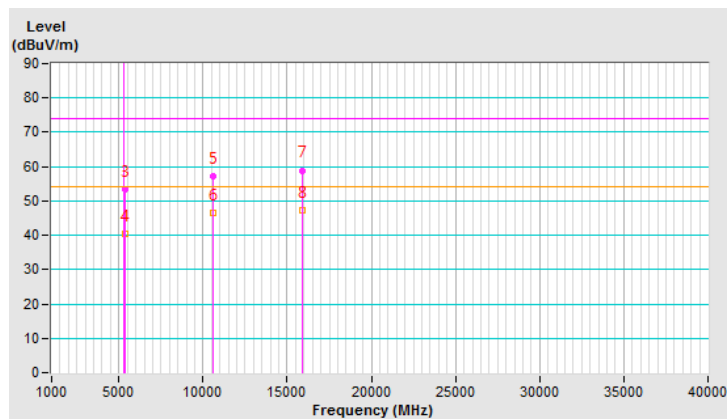


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.5 PK			1.98 V	65	111.4	3.1
2	*5300.00	103.6 AV			1.98 V	65	100.5	3.1
3	5350.00	53.2 PK	74.0	-20.8	1.98 V	65	50.0	3.2
4	5350.00	40.3 AV	54.0	-13.7	1.98 V	65	37.1	3.2
5	10600.00	57.3 PK	74.0	-16.7	2.96 V	180	44.3	13.0
6	10600.00	46.4 AV	54.0	-7.6	2.96 V	180	33.4	13.0
7	15900.00	58.9 PK	74.0	-15.1	1.62 V	260	44.6	14.3
8	15900.00	47.4 AV	54.0	-6.6	1.62 V	260	33.1	14.3
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

REMARKS:

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

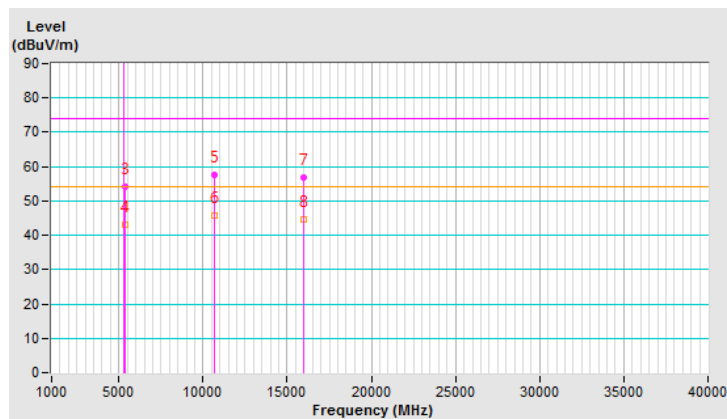


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64 : 5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.0 PK			1.76 H	349	107.8	3.2
2	*5320.00	100.9 AV			1.76 H	349	97.7	3.2
3	5350.00	54.2 PK	74.0	-19.8	1.76 H	349	51.0	3.2
4	5350.00	43.1 AV	54.0	-10.9	1.76 H	349	39.9	3.2
5	10640.00	57.4 PK	74.0	-16.6	1.72 H	264	44.4	13.0
6	10640.00	45.7 AV	54.0	-8.3	1.72 H	264	32.7	13.0
7	15960.00	56.8 PK	74.0	-17.2	1.65 H	135	42.3	14.5
8	15960.00	44.7 AV	54.0	-9.3	1.65 H	135	30.2	14.5
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

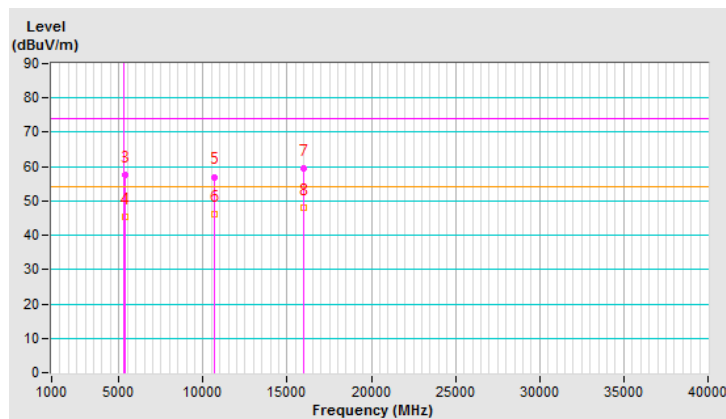


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64 : 5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.4 PK			1.98 V	68	111.2	3.2
2	*5320.00	103.0 AV			1.98 V	68	99.8	3.2
3	5350.00	57.6 PK	74.0	-16.4	1.98 V	68	54.4	3.2
4	5350.00	45.2 AV	54.0	-8.8	1.98 V	68	42.0	3.2
5	10640.00	57.0 PK	74.0	-17.0	2.93 V	168	44.0	13.0
6	10640.00	46.1 AV	54.0	-7.9	2.93 V	168	33.1	13.0
7	15960.00	59.5 PK	74.0	-14.5	1.62 V	257	45.0	14.5
8	15960.00	47.9 AV	54.0	-6.1	1.62 V	257	33.4	14.5
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

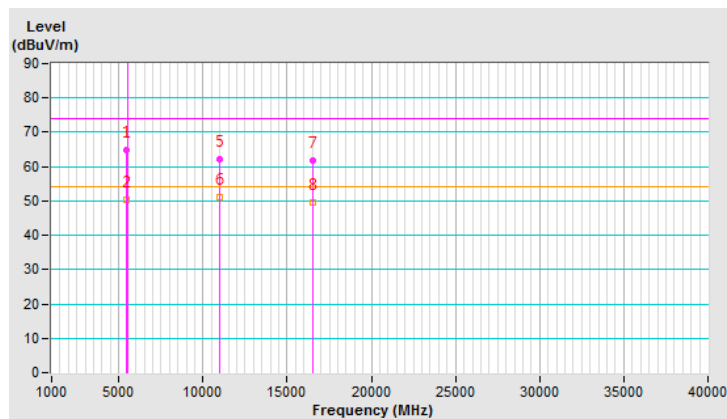


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	74.0	-9.1	1.79 H	360	61.4	3.5
2	#5470.00	50.4 AV	54.0	-3.6	1.79 H	360	46.9	3.5
3	*5500.00	111.9 PK			1.79 H	360	108.4	3.5
4	*5500.00	103.1 AV			1.79 H	360	99.6	3.5
5	11000.00	62.0 PK	74.0	-12.0	1.04 H	326	48.3	13.7
6	11000.00	51.1 AV	54.0	-2.9	1.04 H	326	37.4	13.7
7	#16500.00	61.9 PK	74.0	-12.1	1.88 H	326	45.4	16.5
8	#16500.00	49.5 AV	54.0	-4.5	1.88 H	326	33.0	16.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

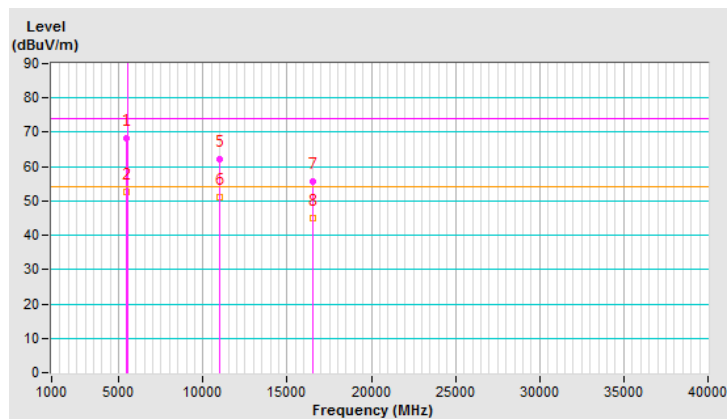


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	68.3 PK	74.0	-5.7	1.20 V	33	64.8	3.5
2	#5470.00	52.5 AV	54.0	-1.5	1.20 V	33	49.0	3.5
3	*5500.00	115.3 PK			1.20 V	33	111.8	3.5
4	*5500.00	105.2 AV			1.20 V	33	101.7	3.5
5	11000.00	62.1 PK	74.0	-11.9	1.00 V	230	48.4	13.7
6	11000.00	51.0 AV	54.0	-3.0	1.00 V	230	37.3	13.7
7	#16500.00	55.6 PK	74.0	-18.4	1.23 V	153	39.1	16.5
8	#16500.00	45.0 AV	54.0	-9.0	1.23 V	153	28.5	16.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

REMARKS:

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

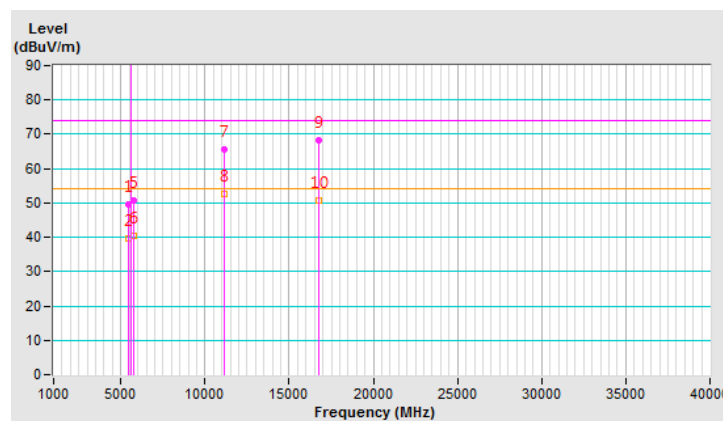


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	49.6 PK	74.0	-24.4	1.81 H	360	46.1	3.5
2	#5470.00	39.5 AV	54.0	-14.5	1.81 H	360	36.0	3.5
3	*5580.00	112.4 PK			1.81 H	360	108.7	3.7
4	*5580.00	102.4 AV			1.81 H	360	98.7	3.7
5	#5725.00	50.8 PK	74.0	-23.2	1.81 H	360	46.8	4.0
6	#5725.00	40.5 AV	54.0	-13.5	1.81 H	360	36.5	4.0
7	11160.00	65.6 PK	74.0	-8.4	3.33 H	343	51.8	13.8
8	11160.00	52.6 AV	54.0	-1.4	3.33 H	343	38.8	13.8
9	#16740.00	68.2 PK	74.0	-5.8	2.01 H	337	50.7	17.5
10	#16740.00	50.8 AV	54.0	-3.2	2.01 H	337	33.3	17.5
11	22320.00	-	-	-	-	-	-	-
12	#27900.00	-	-	-	-	-	-	-
13	#33480.00	-	-	-	-	-	-	-
14	39060.00	-	-	-	-	-	-	-

REMARKS:

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

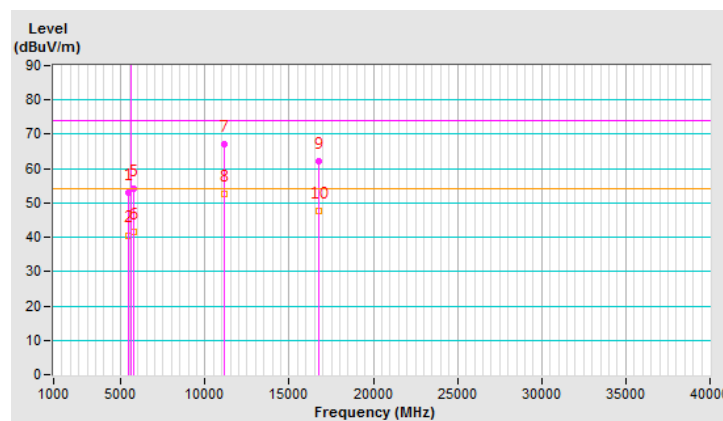


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	53.0 PK	74.0	-21.0	1.20 V	13	49.5	3.5
2	#5470.00	40.6 AV	54.0	-13.4	1.20 V	13	37.1	3.5
3	*5580.00	115.8 PK			1.20 V	13	112.1	3.7
4	*5580.00	104.5 AV			1.20 V	13	100.8	3.7
5	#5725.00	54.2 PK	74.0	-19.8	1.20 V	13	50.2	4.0
6	#5725.00	41.6 AV	54.0	-12.4	1.20 V	13	37.6	4.0
7	11160.00	67.0 PK	74.0	-7.0	2.76 V	326	53.2	13.8
8	11160.00	52.5 AV	54.0	-1.5	2.76 V	326	38.7	13.8
9	#16740.00	62.0 PK	74.0	-12.0	1.99 V	214	44.5	17.5
10	#16740.00	47.7 AV	54.0	-6.3	1.99 V	214	30.2	17.5
11	22320.00	-	-	-	-	-	-	-
12	#27900.00	-	-	-	-	-	-	-
13	#33480.00	-	-	-	-	-	-	-
14	39060.00	-	-	-	-	-	-	-

REMARKS:

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

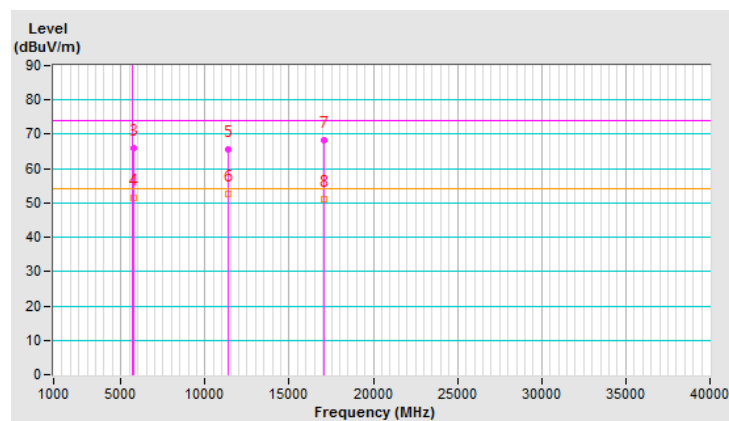


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140 : 5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.0 PK			1.78 H	360	107.0	4.0
2	*5700.00	100.9 AV			1.78 H	360	96.9	4.0
3	#5725.00	65.9 PK	74.0	-8.1	1.78 H	360	61.9	4.0
4	#5725.00	51.5 AV	54.0	-2.5	1.78 H	360	47.5	4.0
5	11400.00	65.7 PK	74.0	-8.3	3.37 H	348	51.9	13.8
6	11400.00	52.7 AV	54.0	-1.3	3.37 H	348	38.9	13.8
7	#17100.00	68.4 PK	74.0	-5.6	1.96 H	341	49.3	19.1
8	#17100.00	51.1 AV	54.0	-2.9	1.96 H	341	32.0	19.1
9	22800.00	-	-	-	-	-	-	-
10	#28500.00	-	-	-	-	-	-	-
11	#34200.00	-	-	-	-	-	-	-
12	39900.00	-	-	-	-	-	-	-

REMARKS:

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

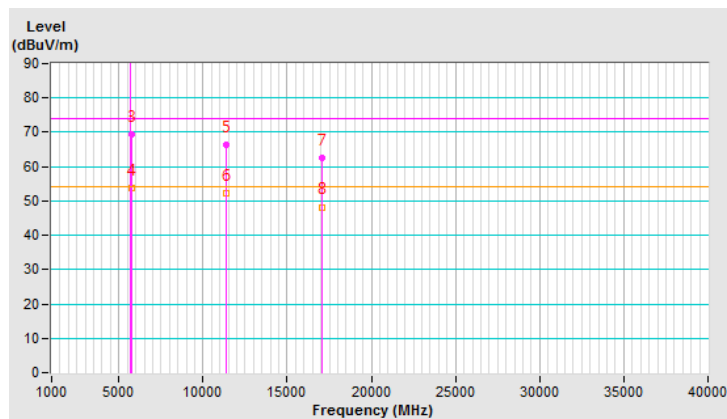


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140 : 5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.4 PK			1.20 V	19	110.4	4.0
2	*5700.00	103.0 AV			1.20 V	19	99.0	4.0
3	#5725.00	69.3 PK	74.0	-4.7	1.20 V	19	65.3	4.0
4	#5725.00	53.6 AV	54.0	-0.4	1.20 V	19	49.6	4.0
5	11400.00	66.5 PK	74.0	-7.5	2.76 V	328	52.7	13.8
6	11400.00	52.1 AV	54.0	-1.9	2.76 V	328	38.3	13.8
7	#17100.00	62.4 PK	74.0	-11.6	1.90 V	193	43.3	19.1
8	#17100.00	48.2 AV	54.0	-5.8	1.90 V	193	29.1	19.1
9	22800.00	-	-	-	-	-	-	-
10	#28500.00	-	-	-	-	-	-	-
11	#34200.00	-	-	-	-	-	-	-
12	39900.00	-	-	-	-	-	-	-

REMARKS:

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

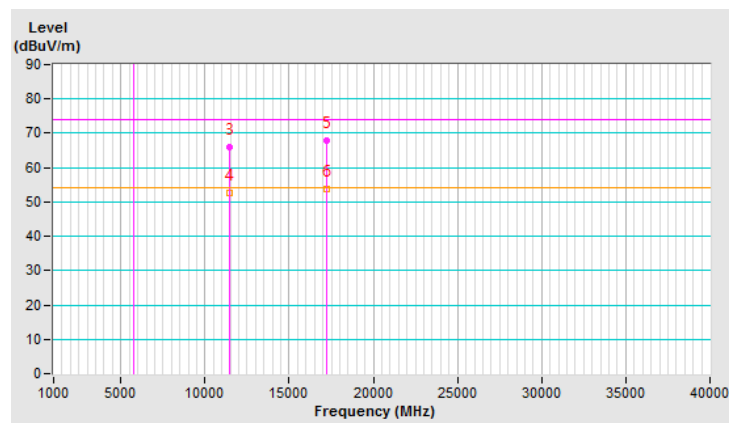


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	113.0 PK			3.38 H	33	109.0	4.0
2	*5745.00	102.4 AV			3.38 H	33	98.4	4.0
3	11490.00	65.8 PK	74.0	-8.2	3.37 H	349	51.8	14.0
4	11490.00	52.7 AV	54.0	-1.3	3.37 H	349	38.7	14.0
5	#17235.00	68.0 PK	74.0	-6.0	1.98 H	325	48.3	19.7
6	#17235.00	53.7 AV	54.0	-0.3	1.98 H	325	34.0	19.7
7	22980.00	-	-	-	-	-	-	-
8	#28725.00	-	-	-	-	-	-	-
9	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

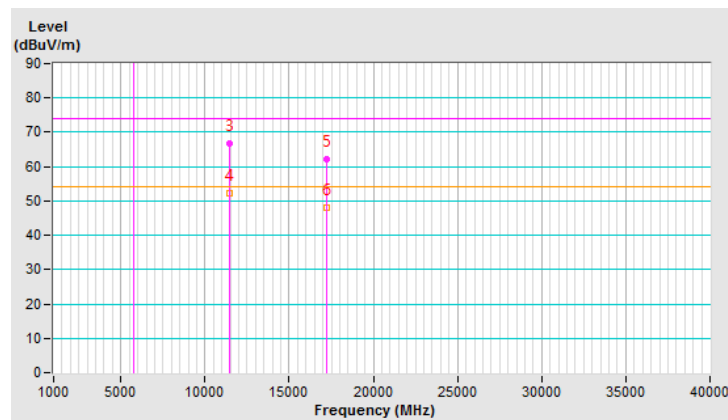


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	118.0 PK			1.13 V	11	114.0	4.0
2	*5745.00	106.8 AV			1.13 V	11	102.8	4.0
3	11490.00	66.7 PK	74.0	-7.3	2.74 V	320	52.7	14.0
4	11490.00	52.2 AV	54.0	-1.8	2.74 V	320	38.2	14.0
5	#17235.00	62.2 PK	74.0	-11.8	1.93 V	198	42.5	19.7
6	#17235.00	48.0 AV	54.0	-6.0	1.93 V	198	28.3	19.7
7	22980.00	-	-	-	-	-	-	-
8	#28725.00	-	-	-	-	-	-	-
9	#34470.00	-	-	-	-	-	-	-

REMARKS:

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

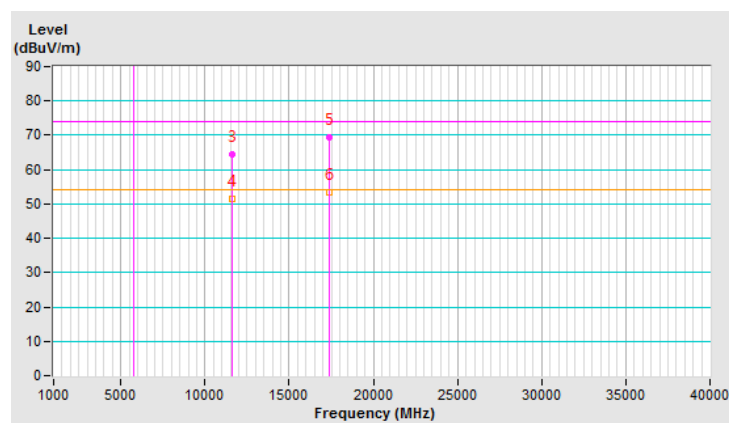


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	112.5 PK			3.39 H	61	108.5	4.0
2	*5785.00	101.6 AV			3.39 H	61	97.6	4.0
3	11570.00	64.4 PK	74.0	-9.6	3.37 H	348	50.6	13.8
4	11570.00	51.4 AV	54.0	-2.6	3.37 H	348	37.6	13.8
5	#17355.00	69.4 PK	74.0	-4.6	1.98 H	327	49.0	20.4
6	#17355.00	53.5 AV	54.0	-0.5	1.98 H	327	33.1	20.4
7	#23140.00	-	-	-	-	-	-	-
8	#28925.00	-	-	-	-	-	-	-
9	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

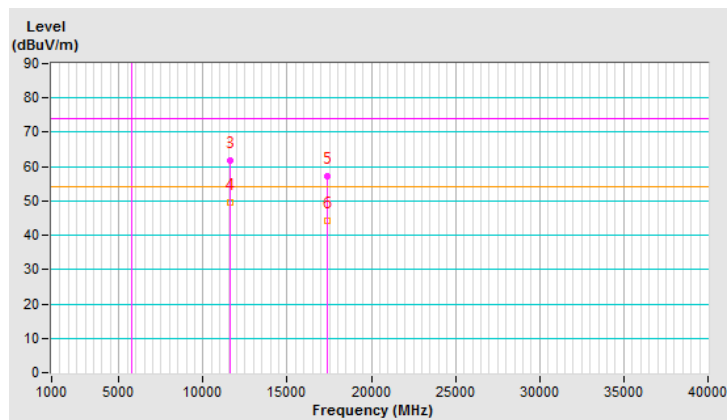


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	116.8 PK			1.10 V	345	112.8	4.0
2	*5785.00	107.6 AV			1.10 V	345	103.6	4.0
3	11570.00	61.9 PK	74.0	-12.1	1.00 V	214	48.1	13.8
4	11570.00	49.7 AV	54.0	-4.3	1.00 V	214	35.9	13.8
5	#17355.00	57.1 PK	74.0	-16.9	1.62 V	273	36.7	20.4
6	#17355.00	44.3 AV	54.0	-9.7	1.62 V	273	23.9	20.4
7	#23140.00	-	-	-	-	-	-	-
8	#28925.00	-	-	-	-	-	-	-
9	#34710.00	-	-	-	-	-	-	-

REMARKS:

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

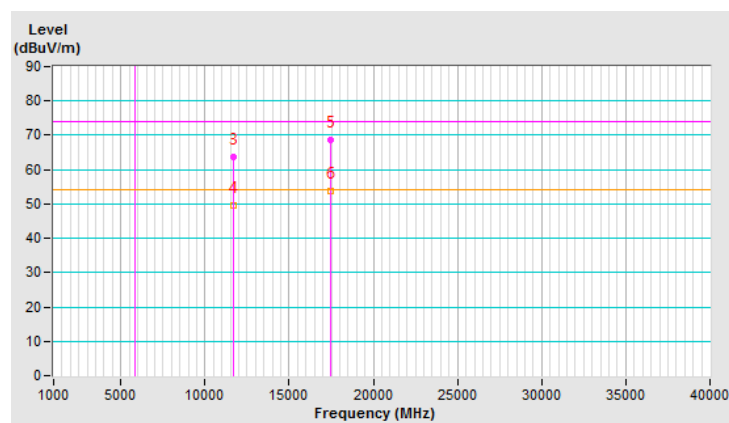


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	112.9 PK			3.54 H	51	108.9	4.0
2	*5825.00	102.0 AV			3.54 H	51	98.0	4.0
3	11650.00	63.8 PK	74.0	-10.2	3.34 H	343	50.1	13.7
4	11650.00	49.6 AV	54.0	-4.4	3.34 H	343	35.9	13.7
5	#17475.00	68.5 PK	74.0	-5.5	2.04 H	327	47.8	20.7
6	#17475.00	53.6 AV	54.0	-0.4	2.04 H	327	32.9	20.7
7	#23300.00	-	-	-	-	-	-	-
8	#29125.00	-	-	-	-	-	-	-
9	#34950.00	-	-	-	-	-	-	-

REMARKS:

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

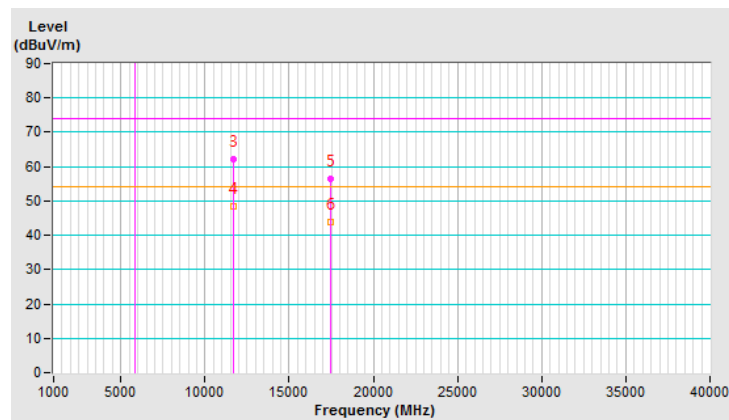


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	116.8 PK			1.00 V	360	112.8	4.0
2	*5825.00	105.7 AV			1.00 V	360	101.7	4.0
3	11650.00	62.2 PK	74.0	-11.8	1.00 V	213	48.5	13.7
4	11650.00	48.4 AV	54.0	-5.6	1.00 V	213	34.7	13.7
5	#17475.00	56.5 PK	74.0	-17.5	1.51 V	251	35.8	20.7
6	#17475.00	43.7 AV	54.0	-10.3	1.51 V	251	23.0	20.7
7	#23300.00	-	-	-	-	-	-	-
8	#29125.00	-	-	-	-	-	-	-
9	#34950.00	-	-	-	-	-	-	-

REMARKS:

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



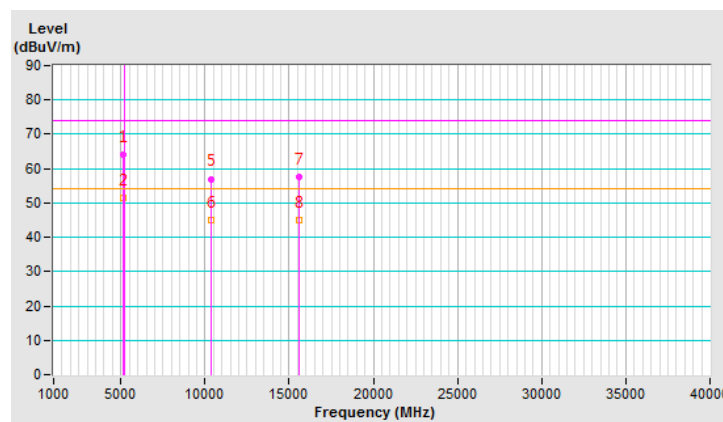
802.11ac (VHT40)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38 : 5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	63.9 PK	74.0	-10.1	3.55 H	45	60.9	3.0
2	5150.00	51.3 AV	54.0	-2.7	3.55 H	45	48.3	3.0
3	*5190.00	106.6 PK			3.55 H	45	103.4	3.2
4	*5190.00	97.2 AV			3.55 H	45	94.0	3.2
5	#10380.00	57.0 PK	74.0	-17.0	1.63 H	262	43.8	13.2
6	#10380.00	45.0 AV	54.0	-9.0	1.63 H	262	31.8	13.2
7	15570.00	57.5 PK	74.0	-16.5	1.64 H	181	42.8	14.7
8	15570.00	44.9 AV	54.0	-9.1	1.64 H	181	30.2	14.7
9	20760.00	-	-	-	-	-	-	-
10	#25950.00	-	-	-	-	-	-	-
11	#31140.00	-	-	-	-	-	-	-
12	#36330.00	-	-	-	-	-	-	-

REMARKS:

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

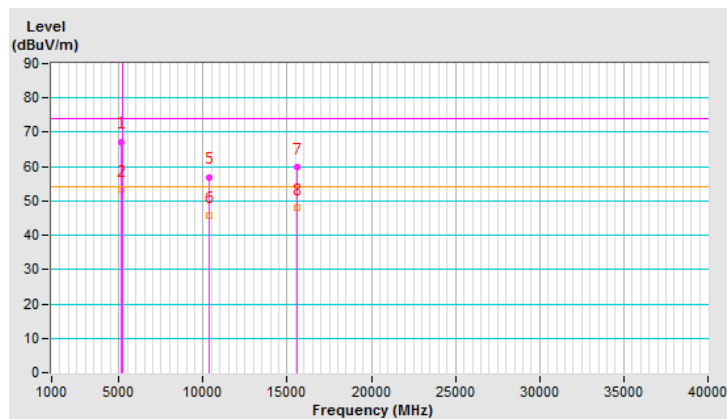


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38 : 5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.3 PK	74.0	-6.7	1.98 V	60	64.3	3.0
2	5150.00	53.4 AV	54.0	-0.6	1.98 V	60	50.4	3.0
3	*5190.00	110.0 PK			1.98 V	60	106.8	3.2
4	*5190.00	99.3 AV			1.98 V	60	96.1	3.2
5	#10380.00	57.0 PK	74.0	-17.0	2.97 V	189	43.8	13.2
6	#10380.00	45.8 AV	54.0	-8.2	2.97 V	189	32.6	13.2
7	15570.00	59.8 PK	74.0	-14.2	1.61 V	286	45.1	14.7
8	15570.00	48.0 AV	54.0	-6.0	1.61 V	286	33.3	14.7
9	20760.00	-	-	-	-	-	-	-
10	#25950.00	-	-	-	-	-	-	-
11	#31140.00	-	-	-	-	-	-	-
12	#36330.00	-	-	-	-	-	-	-

REMARKS:

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

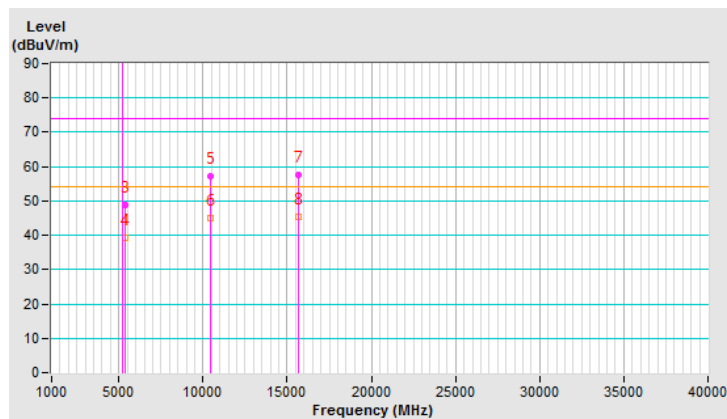


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	*5230.00	109.8 PK			3.58 H	37	106.7	3.1
2	*5230.00	99.2 AV			3.58 H	37	96.1	3.1
3	5350.00	48.8 PK	74.0	-25.2	3.58 H	37	45.6	3.2
4	5350.00	39.3 AV	54.0	-14.7	3.58 H	37	36.1	3.2
5	#10460.00	57.2 PK	74.0	-16.8	1.66 H	278	44.2	13.0
6	#10460.00	45.0 AV	54.0	-9.0	1.66 H	278	32.0	13.0
7	15690.00	57.6 PK	74.0	-16.4	1.67 H	190	42.5	15.1
8	15690.00	45.2 AV	54.0	-8.8	1.67 H	190	30.1	15.1
9	20920.00	-	-	-	-	-	-	-
10	#26150.00	-	-	-	-	-	-	-
11	31380.00	-	-	-	-	-	-	-
12	#36610.00	-	-	-	-	-	-	-

REMARKS:

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

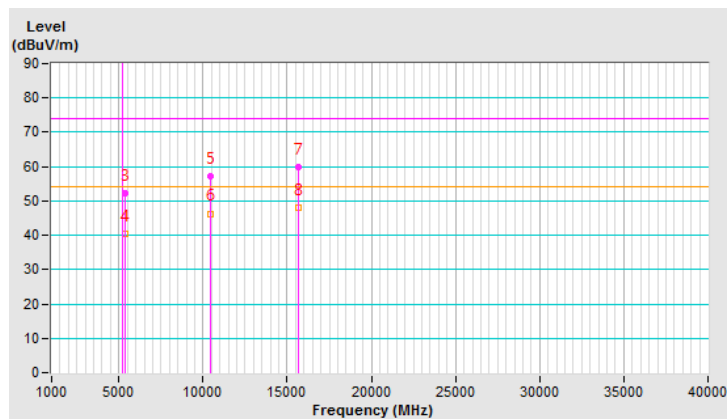


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	*5230.00	113.2 PK			1.98 V	59	110.1	3.1
2	*5230.00	102.3 AV			1.98 V	59	99.2	3.1
3	5350.00	52.2 PK	74.0	-21.8	1.98 V	59	49.0	3.2
4	5350.00	40.4 AV	54.0	-13.6	1.98 V	59	37.2	3.2
5	#10460.00	57.2 PK	74.0	-16.8	2.87 V	191	44.2	13.0
6	#10460.00	46.3 AV	54.0	-7.7	2.87 V	191	33.3	13.0
7	15690.00	59.8 PK	74.0	-14.2	1.67 V	268	44.7	15.1
8	15690.00	48.0 AV	54.0	-6.0	1.67 V	268	32.9	15.1
9	20920.00	-	-	-	-	-	-	-
10	#26150.00	-	-	-	-	-	-	-
11	31380.00	-	-	-	-	-	-	-
12	#36610.00	-	-	-	-	-	-	-

REMARKS:

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

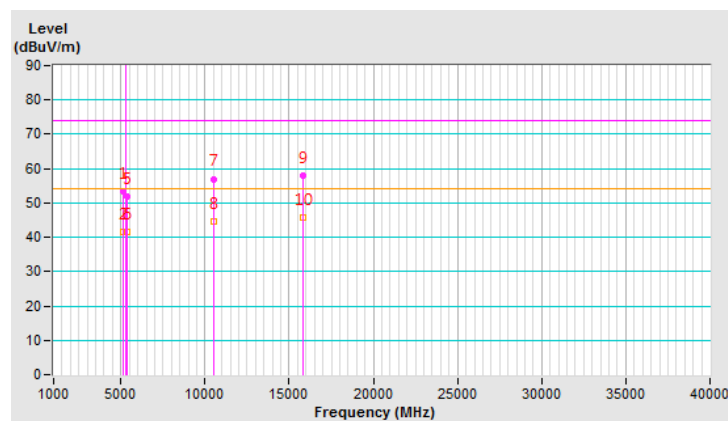


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54 : 5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	53.4 PK	74.0	-20.6	3.57 H	42	50.4	3.0
2	5150.00	41.4 AV	54.0	-12.6	3.57 H	42	38.4	3.0
3	*5270.00	109.9 PK			3.57 H	42	106.7	3.2
4	*5270.00	100.3 AV			3.57 H	42	97.1	3.2
5	5350.00	51.8 PK	74.0	-22.2	3.57 H	42	48.6	3.2
6	5350.00	41.7 AV	54.0	-12.3	3.57 H	42	38.5	3.2
7	#10540.00	57.0 PK	74.0	-17.0	1.60 H	279	44.1	12.9
8	#10540.00	44.6 AV	54.0	-9.4	1.60 H	279	31.7	12.9
9	15810.00	57.9 PK	74.0	-16.1	1.66 H	187	43.2	14.7
10	15810.00	45.6 AV	54.0	-8.4	1.66 H	187	30.9	14.7
11	21080.00	-	-	-	-	-	-	-
12	#26350.00	-	-	-	-	-	-	-
13	31620.00	-	-	-	-	-	-	-
14	#36890.00	-	-	-	-	-	-	-

REMARKS:

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

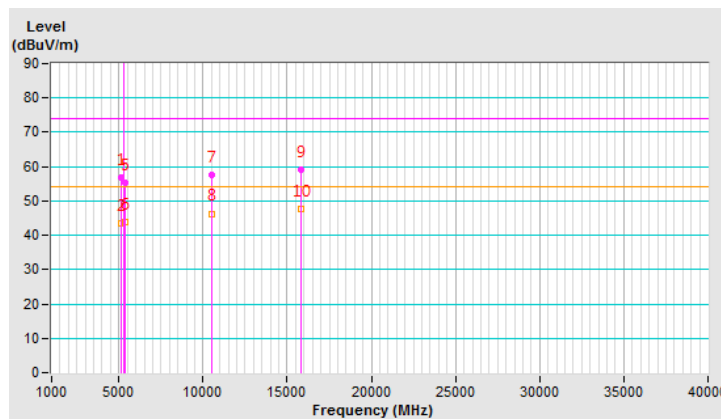


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54 : 5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	56.8 PK	74.0	-17.2	1.98 V	57	53.8	3.0
2	5150.00	43.5 AV	54.0	-10.5	1.98 V	57	40.5	3.0
3	*5270.00	113.3 PK			1.98 V	57	110.1	3.2
4	*5270.00	102.4 AV			1.98 V	57	99.2	3.2
5	5350.00	55.2 PK	74.0	-18.8	1.98 V	57	52.0	3.2
6	5350.00	43.8 AV	54.0	-10.2	1.98 V	57	40.6	3.2
7	#10540.00	57.5 PK	74.0	-16.5	2.88 V	191	44.6	12.9
8	#10540.00	46.3 AV	54.0	-7.7	2.88 V	191	33.4	12.9
9	15810.00	59.2 PK	74.0	-14.8	1.67 V	276	44.5	14.7
10	15810.00	47.7 AV	54.0	-6.3	1.67 V	276	33.0	14.7
11	21080.00	-	-	-	-	-	-	-
12	#26350.00	-	-	-	-	-	-	-
13	31620.00	-	-	-	-	-	-	-
14	#36890.00	-	-	-	-	-	-	-

REMARKS:

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

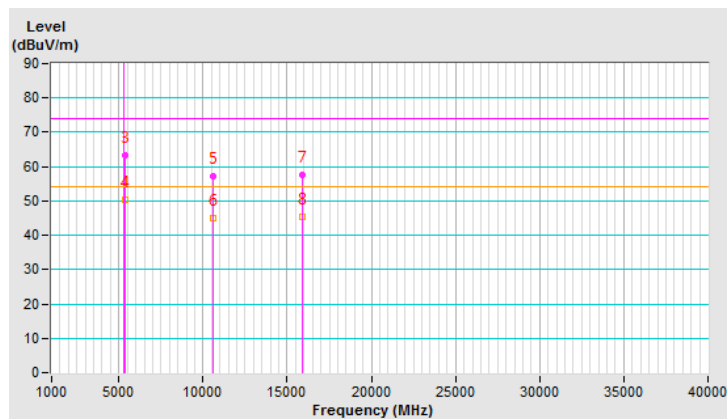


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62 : 5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	109.6 PK			3.61 H	27	106.4	3.2
2	*5310.00	100.1 AV			3.61 H	27	96.9	3.2
3	5350.00	63.2 PK	74.0	-10.8	3.61 H	27	60.0	3.2
4	5350.00	50.4 AV	54.0	-3.6	3.61 H	27	47.2	3.2
5	10620.00	57.2 PK	74.0	-16.8	1.63 H	277	44.2	13.0
6	10620.00	44.9 AV	54.0	-9.1	1.63 H	277	31.9	13.0
7	15930.00	57.7 PK	74.0	-16.3	1.65 H	200	43.3	14.4
8	15930.00	45.3 AV	54.0	-8.7	1.65 H	200	30.9	14.4
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

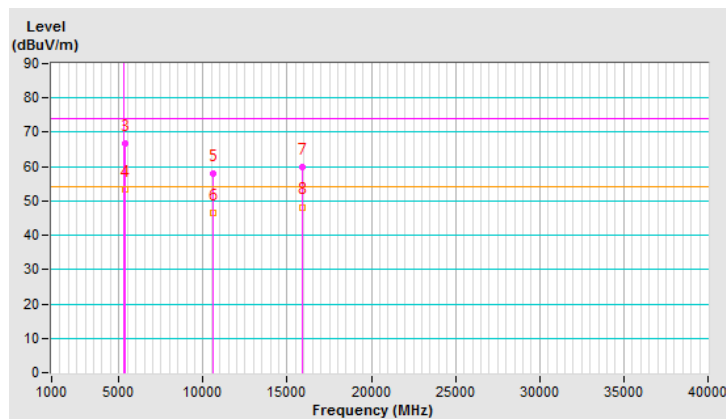


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	113.0 PK			1.98 V	69	109.8	3.2
2	*5310.00	102.2 AV			1.98 V	69	99.0	3.2
3	5350.00	66.8 PK	74.0	-7.2	1.98 V	69	63.6	3.2
4	5350.00	53.5 AV	54.0	-0.5	1.98 V	69	50.3	3.2
5	10620.00	57.9 PK	74.0	-16.1	2.95 V	174	44.9	13.0
6	10620.00	46.6 AV	54.0	-7.4	2.95 V	174	33.6	13.0
7	15930.00	60.0 PK	74.0	-14.0	1.58 V	271	45.6	14.4
8	15930.00	48.2 AV	54.0	-5.8	1.58 V	271	33.8	14.4
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

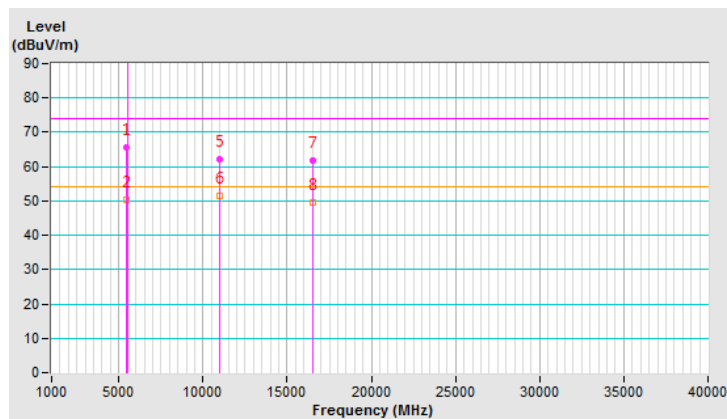


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102 : 5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	#5466.00	65.7 PK	74.0	-8.3	3.57 H	21	62.2	3.5
2	#5466.00	50.4 AV	54.0	-3.6	3.57 H	21	46.9	3.5
3	*5510.00	108.1 PK			3.57 H	21	104.6	3.5
4	*5510.00	97.0 AV			3.57 H	21	93.5	3.5
5	11020.00	62.3 PK	74.0	-11.7	1.08 H	314	48.6	13.7
6	11020.00	51.5 AV	54.0	-2.5	1.08 H	314	37.8	13.7
7	#16530.00	61.8 PK	74.0	-12.2	1.91 H	322	44.9	16.9
8	#16530.00	49.7 AV	54.0	-4.3	1.91 H	322	32.8	16.9
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

REMARKS:

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

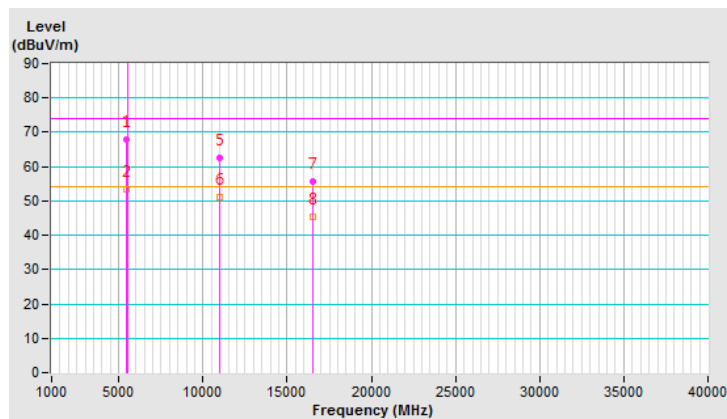


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102 : 5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	#5466.00	67.8 PK	74.0	-6.2	1.20 V	39	64.3	3.5
2	#5466.00	53.5 AV	54.0	-0.5	1.20 V	39	50.0	3.5
3	*5510.00	110.5 PK			1.20 V	39	107.0	3.5
4	*5510.00	100.1 AV			1.20 V	39	96.6	3.5
5	11020.00	62.4 PK	74.0	-11.6	1.03 V	233	48.7	13.7
6	11020.00	51.2 AV	54.0	-2.8	1.03 V	233	37.5	13.7
7	#16530.00	55.8 PK	74.0	-18.2	1.26 V	162	38.9	16.9
8	#16530.00	45.4 AV	54.0	-8.6	1.26 V	162	28.5	16.9
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

REMARKS:

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

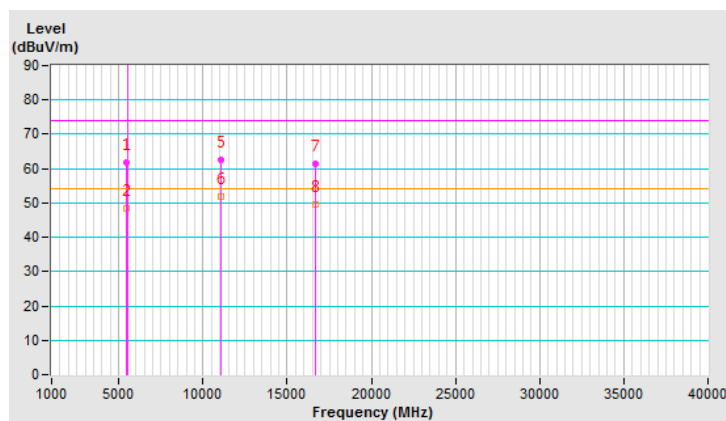


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	61.7 PK	74.0	-12.3	3.51 H	11	58.2	3.5
2	#5470.00	48.5 AV	54.0	-5.5	3.51 H	11	45.0	3.5
3	*5550.00	110.2 PK			3.51 H	11	106.5	3.7
4	*5550.00	99.2 AV			3.51 H	11	95.5	3.7
5	11100.00	62.5 PK	74.0	-11.5	1.07 H	300	48.9	13.6
6	11100.00	51.9 AV	54.0	-2.1	1.07 H	300	38.3	13.6
7	#16650.00	61.5 PK	74.0	-12.5	1.96 H	337	43.9	17.6
8	#16650.00	49.6 AV	54.0	-4.4	1.96 H	337	32.0	17.6
9	22200.00	-	-	-	-	-	-	-
10	#27750.00	-	-	-	-	-	-	-
11	#33300.00	-	-	-	-	-	-	-
12	38850.00	-	-	-	-	-	-	-

REMARKS:

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

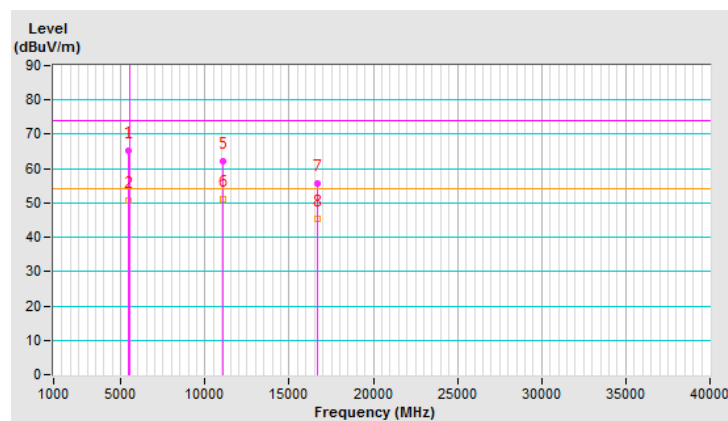


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	65.1 PK	74.0	-8.9	1.20 V	33	61.6	3.5
2	#5470.00	50.6 AV	54.0	-3.4	1.20 V	33	47.1	3.5
3	*5550.00	112.6 PK			1.20 V	33	108.9	3.7
4	*5550.00	101.5 AV			1.20 V	33	97.8	3.7
5	11100.00	62.3 PK	74.0	-11.7	1.08 V	248	48.7	13.6
6	11100.00	51.0 AV	54.0	-3.0	1.08 V	248	37.4	13.6
7	#16650.00	55.5 PK	74.0	-18.5	1.23 V	158	37.9	17.6
8	#16650.00	45.2 AV	54.0	-8.8	1.23 V	158	27.6	17.6
9	22200.00	-	-	-	-	-	-	-
10	#27750.00	-	-	-	-	-	-	-
11	#33300.00	-	-	-	-	-	-	-
12	38850.00	-	-	-	-	-	-	-

REMARKS:

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

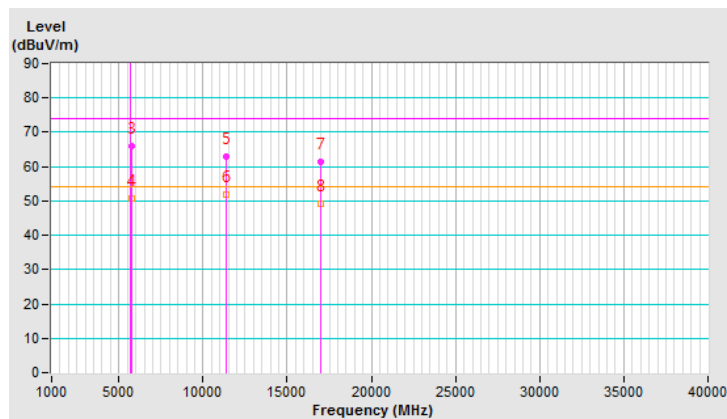


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134 : 5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	109.8 PK			3.54 H	12	105.9	3.9
2	*5670.00	99.2 AV			3.54 H	12	95.3	3.9
3	#5725.00	66.1 PK	74.0	-7.9	3.54 H	12	62.1	4.0
4	#5725.00	50.8 AV	54.0	-3.2	3.54 H	12	46.8	4.0
5	11340.00	62.8 PK	74.0	-11.2	1.09 H	292	48.7	14.1
6	11340.00	52.0 AV	54.0	-2.0	1.09 H	292	37.9	14.1
7	#17010.00	61.3 PK	74.0	-12.7	1.93 H	342	42.0	19.3
8	#17010.00	49.3 AV	54.0	-4.7	1.93 H	342	30.0	19.3
9	22680.00	-	-	-	-	-	-	-
10	#28350.00	-	-	-	-	-	-	-
11	#34020.00	-	-	-	-	-	-	-
12	39690.00	-	-	-	-	-	-	-

REMARKS:

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

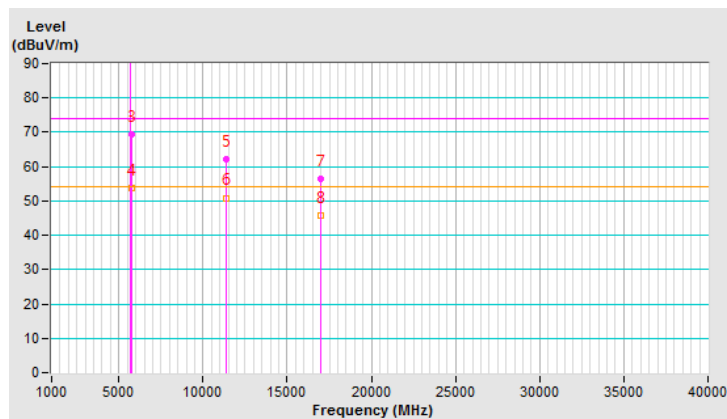


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134 : 5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	111.3 PK			1.20 V	20	107.4	3.9
2	*5670.00	101.3 AV			1.20 V	20	97.4	3.9
3	#5725.00	69.5 PK	74.0	-4.5	1.20 V	20	65.5	4.0
4	#5725.00	53.9 AV	54.0	-0.1	1.20 V	20	49.9	4.0
5	11340.00	62.1 PK	74.0	-11.9	1.02 V	234	48.0	14.1
6	11340.00	50.9 AV	54.0	-3.1	1.02 V	234	36.8	14.1
7	#17010.00	56.3 PK	74.0	-17.7	1.27 V	158	37.0	19.3
8	#17010.00	45.8 AV	54.0	-8.2	1.27 V	158	26.5	19.3
9	22680.00	-	-	-	-	-	-	-
10	#28350.00	-	-	-	-	-	-	-
11	#34020.00	-	-	-	-	-	-	-
12	39690.00	-	-	-	-	-	-	-

REMARKS:

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

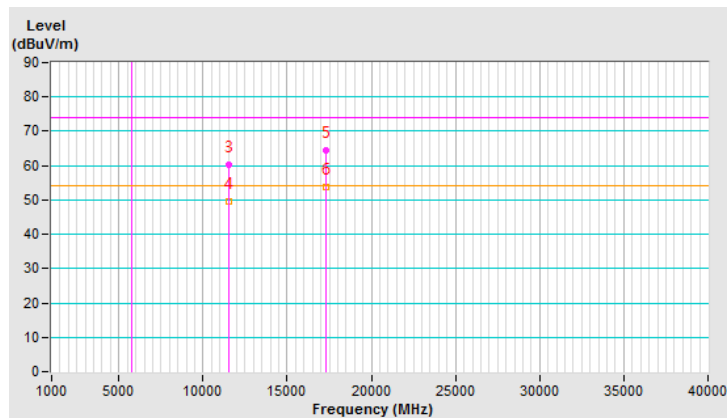


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	107.7 PK			3.94 H	229	103.7	4.0
2	*5755.00	99.4 AV			3.94 H	229	95.4	4.0
3	11510.00	60.2 PK	74.0	-13.8	3.32 H	360	46.2	14.0
4	11510.00	49.7 AV	54.0	-4.3	3.32 H	360	35.7	14.0
5	#17265.00	64.5 PK	74.0	-9.5	2.71 H	358	44.6	19.9
6	#17265.00	53.7 AV	54.0	-0.3	2.71 H	358	33.8	19.9
7	23020.00	-	-	-	-	-	-	-
8	#28775.00	-	-	-	-	-	-	-
9	#34530.00	-	-	-	-	-	-	-

REMARKS:

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

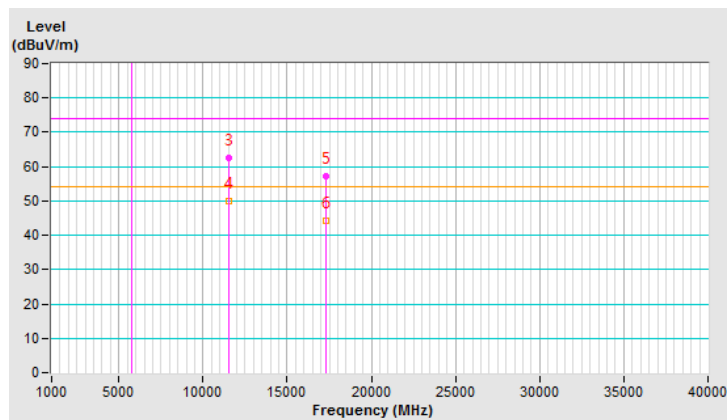


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5755.00	114.3 PK			1.82 V	34	110.3	4.0
2	*5755.00	106.0 AV			1.82 V	34	102.0	4.0
3	11510.00	62.4 PK	74.0	-11.6	1.00 V	219	48.4	14.0
4	11510.00	50.0 AV	54.0	-4.0	1.00 V	219	36.0	14.0
5	#17265.00	57.1 PK	74.0	-16.9	1.62 V	279	37.2	19.9
6	#17265.00	44.3 AV	54.0	-9.7	1.62 V	279	24.4	19.9
7	23020.00	-	-	-	-	-	-	-
8	#28775.00	-	-	-	-	-	-	-
9	#34530.00	-	-	-	-	-	-	-

REMARKS:

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

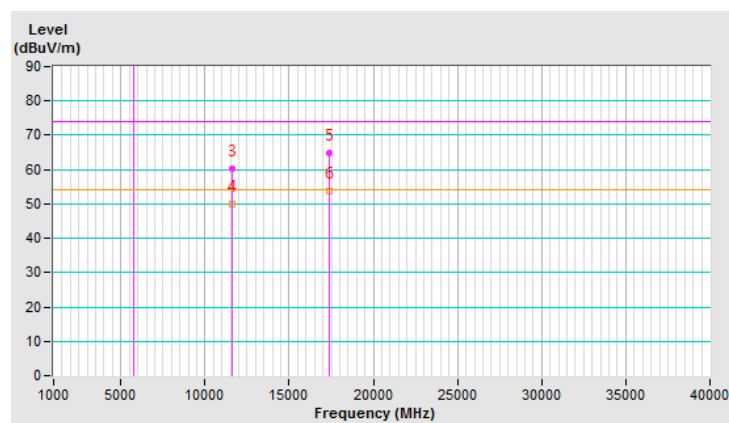


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	107.5 PK			2.72 H	337	103.5	4.0
2	*5795.00	99.7 AV			2.72 H	337	95.7	4.0
3	11590.00	60.4 PK	74.0	-13.6	3.28 H	360	46.8	13.6
4	11590.00	49.9 AV	54.0	-4.1	3.28 H	360	36.3	13.6
5	#17385.00	64.7 PK	74.0	-9.3	2.69 H	353	44.2	20.5
6	#17385.00	53.8 AV	54.0	-0.2	2.69 H	353	33.3	20.5
7	#23180.00	-	-	-	-	-	-	-
8	#28975.00	-	-	-	-	-	-	-
9	#34770.00	-	-	-	-	-	-	-

REMARKS:

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

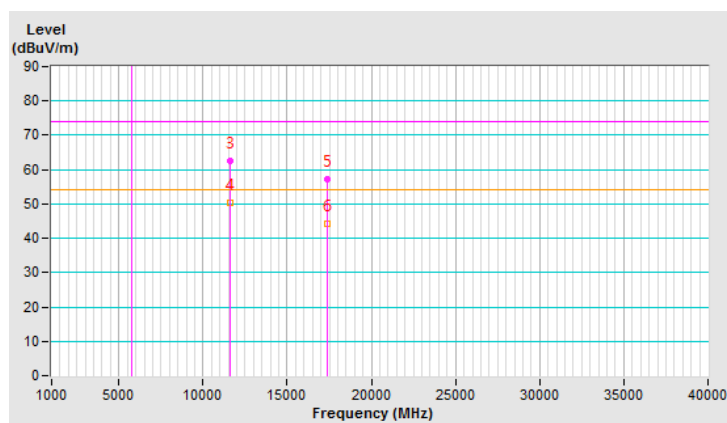


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	114.1 PK			1.77 V	29	110.1	4.0
2	*5795.00	105.8 AV			1.77 V	29	101.8	4.0
3	11590.00	62.6 PK	74.0	-11.4	1.10 V	214	49.0	13.6
4	11590.00	50.2 AV	54.0	-3.8	1.10 V	214	36.6	13.6
5	#17385.00	57.1 PK	74.0	-16.9	1.67 V	279	36.6	20.5
6	#17385.00	44.2 AV	54.0	-9.8	1.67 V	279	23.7	20.5
7	#23180.00	-	-	-	-	-	-	-
8	#28975.00	-	-	-	-	-	-	-
9	#34770.00	-	-	-	-	-	-	-

REMARKS:

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



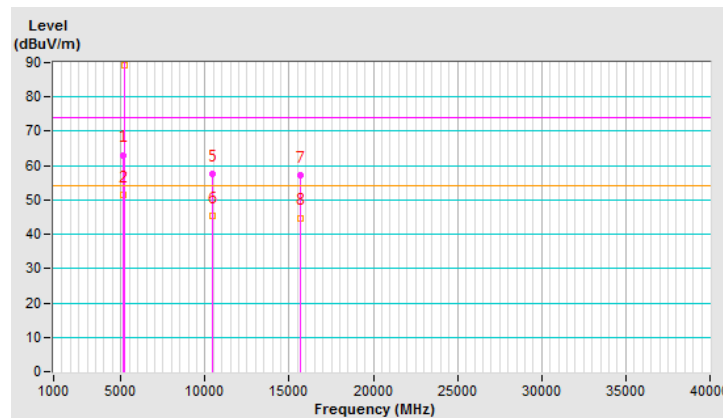
802.11ac (VHT80)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25℃	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	63.1 PK	74.0	-10.9	2.70 H	329	60.1	3.0
2	5150.00	51.6 AV	54.0	-2.4	2.70 H	329	48.6	3.0
3	*5210.00	101.7 PK			2.70 H	329	98.5	3.2
4	*5210.00	89.4 AV			2.70 H	329	86.2	3.2
5	#10420.00	57.4 PK	74.0	-16.6	1.58 H	250	44.2	13.2
6	#10420.00	45.3 AV	54.0	-8.7	1.58 H	250	32.1	13.2
7	15630.00	57.1 PK	74.0	-16.9	1.61 H	180	42.2	14.9
8	15630.00	44.8 AV	54.0	-9.2	1.61 H	180	29.9	14.9
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

REMARKS:

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

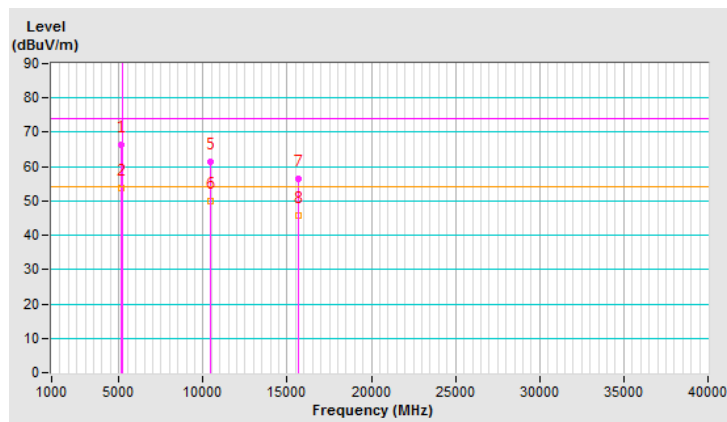


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 42 : 5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	66.5 PK	74.0	-7.5	1.98 V	61	63.5	3.0
2	5150.00	53.9 AV	54.0	-0.1	1.98 V	61	50.9	3.0
3	*5210.00	103.8 PK			1.98 V	61	100.6	3.2
4	*5210.00	92.5 AV			1.98 V	61	89.3	3.2
5	#10420.00	61.4 PK	74.0	-12.6	1.02 V	266	48.2	13.2
6	#10420.00	50.1 AV	54.0	-3.9	1.02 V	266	36.9	13.2
7	15630.00	56.4 PK	74.0	-17.6	1.13 V	184	41.5	14.9
8	15630.00	45.6 AV	54.0	-8.4	1.13 V	184	30.7	14.9
9	20840.00	-	-	-	-	-	-	-
10	#26050.00	-	-	-	-	-	-	-
11	31260.00	-	-	-	-	-	-	-
12	36470.00	-	-	-	-	-	-	-

REMARKS:

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

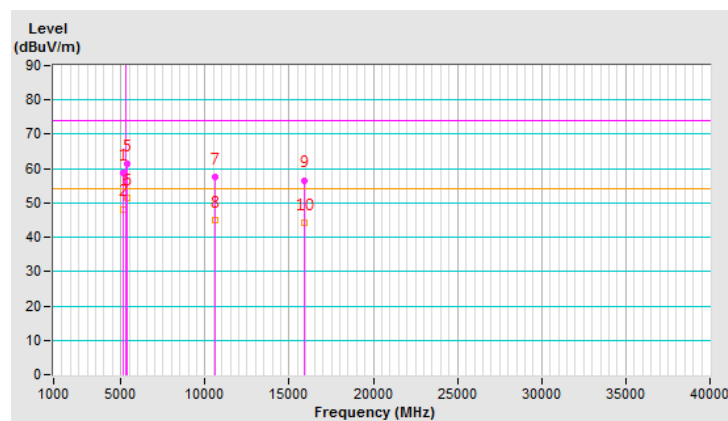


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.8 PK	74.0	-15.2	2.65 H	321	55.8	3.0
2	5150.00	48.2 AV	54.0	-5.8	2.65 H	321	45.2	3.0
3	*5290.00	103.8 PK			2.65 H	321	100.7	3.1
4	*5290.00	95.2 AV			2.65 H	321	92.1	3.1
5	5350.00	61.4 PK	74.0	-12.6	2.65 H	321	58.2	3.2
6	5350.00	51.4 AV	54.0	-2.6	2.65 H	321	48.2	3.2
7	#10580.00	57.4 PK	74.0	-16.6	1.60 H	235	44.5	12.9
8	#10580.00	45.1 AV	54.0	-8.9	1.60 H	235	32.2	12.9
9	15870.00	56.6 PK	74.0	-17.4	1.64 H	166	42.2	14.4
10	15870.00	44.3 AV	54.0	-9.7	1.64 H	166	29.9	14.4
11	21160.00	-	-	-	-	-	-	-
12	#26450.00	-	-	-	-	-	-	-
13	31740.00	-	-	-	-	-	-	-
14	#37030.00	-	-	-	-	-	-	-

REMARKS:

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

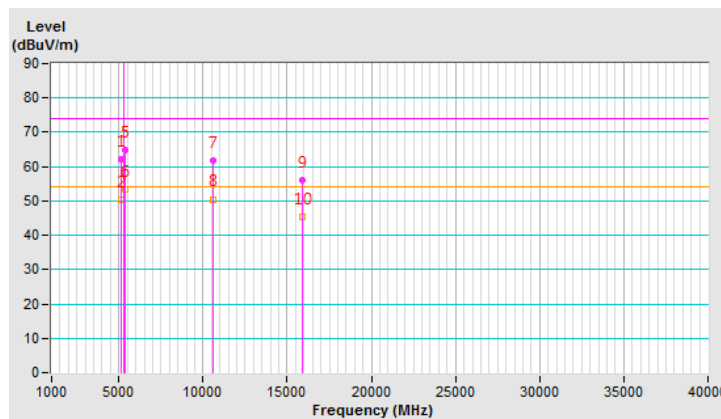


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	62.2 PK	74.0	-11.8	1.98 V	66	59.2	3.0
2	5150.00	50.3 AV	54.0	-3.7	1.98 V	66	47.3	3.0
3	*5290.00	107.2 PK			1.98 V	66	104.1	3.1
4	*5290.00	97.3 AV			1.98 V	66	94.2	3.1
5	5350.00	64.8 PK	74.0	-9.2	1.98 V	66	61.6	3.2
6	5350.00	53.5 AV	54.0	-0.5	1.98 V	66	50.3	3.2
7	#10580.00	61.8 PK	74.0	-12.2	1.00 V	264	48.9	12.9
8	#10580.00	50.5 AV	54.0	-3.5	1.00 V	264	37.6	12.9
9	15870.00	55.9 PK	74.0	-18.1	1.17 V	173	41.5	14.4
10	15870.00	45.4 AV	54.0	-8.6	1.17 V	173	31.0	14.4
11	21160.00	-	-	-	-	-	-	-
12	#26450.00	-	-	-	-	-	-	-
13	31740.00	-	-	-	-	-	-	-
14	#37030.00	-	-	-	-	-	-	-

REMARKS:

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

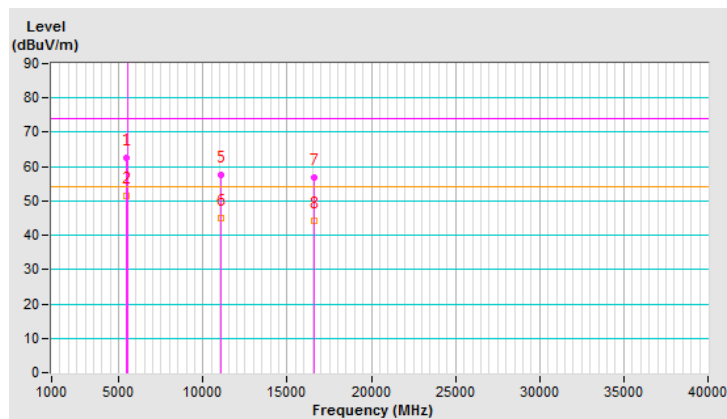


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	62.5 PK	74.0	-11.5	2.65 H	321	59.0	3.5
2	#5470.00	51.6 AV	54.0	-2.4	2.65 H	321	48.1	3.5
3	*5530.00	102.1 PK			2.65 H	321	98.5	3.6
4	*5530.00	93.4 AV			2.65 H	321	89.8	3.6
5	11060.00	57.4 PK	74.0	-16.6	1.54 H	259	43.7	13.7
6	11060.00	45.1 AV	54.0	-8.9	1.54 H	259	31.4	13.7
7	#16590.00	56.7 PK	74.0	-17.3	1.61 H	176	39.0	17.7
8	#16590.00	44.3 AV	54.0	-9.7	1.61 H	176	26.6	17.7
9	22120.00	-	-	-	-	-	-	-
10	#27650.00	-	-	-	-	-	-	-
11	#33180.00	-	-	-	-	-	-	-
12	38710.00	-	-	-	-	-	-	-

REMARKS:

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

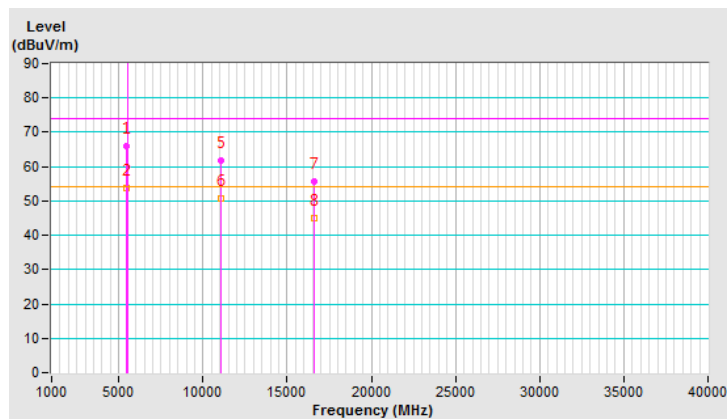


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	65.9 PK	74.0	-8.1	1.13 V	27	62.4	3.5
2	#5470.00	53.7 AV	54.0	-0.3	1.13 V	27	50.2	3.5
3	*5530.00	105.5 PK			1.13 V	27	101.9	3.6
4	*5530.00	95.5 AV			1.13 V	27	91.9	3.6
5	11060.00	61.7 PK	74.0	-12.3	1.01 V	269	48.0	13.7
6	11060.00	50.6 AV	54.0	-3.4	1.01 V	269	36.9	13.7
7	#16590.00	55.6 PK	74.0	-18.4	1.16 V	167	37.9	17.7
8	#16590.00	45.0 AV	54.0	-9.0	1.16 V	167	27.3	17.7
9	22120.00	-	-	-	-	-	-	-
10	#27650.00	-	-	-	-	-	-	-
11	#33180.00	-	-	-	-	-	-	-
12	38710.00	-	-	-	-	-	-	-

REMARKS:

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

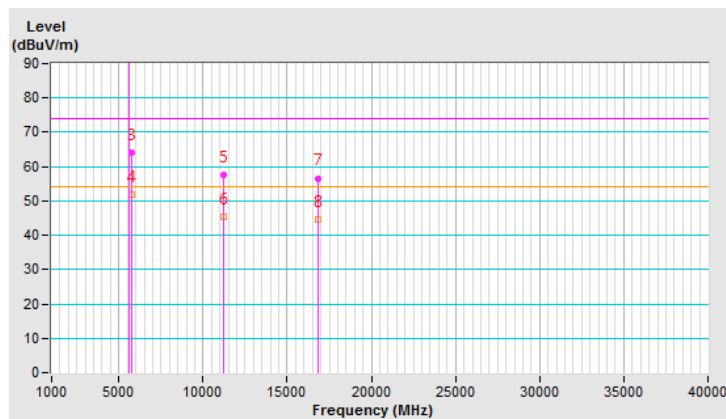


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122 : 5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	108.1 PK			3.88 H	229	104.3	3.8
2	*5610.00	97.4 AV			3.88 H	229	93.6	3.8
3	#5725.00	63.9 PK	74.0	-10.1	3.88 H	229	59.9	4.0
4	#5725.00	51.7 AV	54.0	-2.3	3.88 H	229	47.7	4.0
5	11220.00	57.7 PK	74.0	-16.3	1.62 H	263	43.8	13.9
6	11220.00	45.5 AV	54.0	-8.5	1.62 H	263	31.6	13.9
7	#16830.00	56.6 PK	74.0	-17.4	1.64 H	181	38.6	18.0
8	#16830.00	44.6 AV	54.0	-9.4	1.64 H	181	26.6	18.0
9	22440.00	-	-	-	-	-	-	-
10	#28050.00	-	-	-	-	-	-	-
11	#33660.00	-	-	-	-	-	-	-
12	39270.00	-	-	-	-	-	-	-

REMARKS:

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

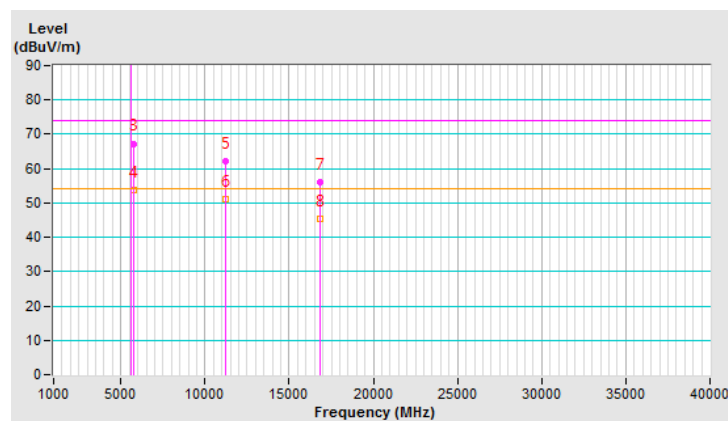


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122 : 5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	109.6 PK			1.13 V	26	105.8	3.8
2	*5610.00	99.5 AV			1.13 V	26	95.7	3.8
3	#5725.00	67.3 PK	74.0	-6.7	1.13 V	26	63.3	4.0
4	#5725.00	53.8 AV	54.0	-0.2	1.13 V	26	49.8	4.0
5	11220.00	62.2 PK	74.0	-11.8	1.05 V	254	48.3	13.9
6	11220.00	51.2 AV	54.0	-2.8	1.05 V	254	37.3	13.9
7	#16830.00	55.9 PK	74.0	-18.1	1.19 V	173	37.9	18.0
8	#16830.00	45.4 AV	54.0	-8.6	1.19 V	173	27.4	18.0
9	22440.00	-	-	-	-	-	-	-
10	#28050.00	-	-	-	-	-	-	-
11	#33660.00	-	-	-	-	-	-	-
12	39270.00	-	-	-	-	-	-	-

REMARKS:

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

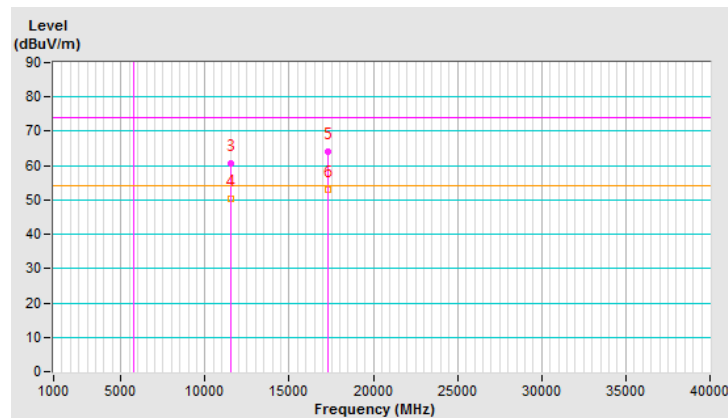


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	105.5 PK			3.90 H	225	101.5	4.0
2	*5775.00	98.6 AV			3.90 H	225	94.6	4.0
3	11550.00	60.7 PK	74.0	-13.3	3.23 H	360	46.8	13.9
4	11550.00	50.3 AV	54.0	-3.7	3.23 H	360	36.4	13.9
5	#17325.00	64.2 PK	74.0	-9.8	2.72 H	348	44.0	20.2
6	#17325.00	53.1 AV	54.0	-0.9	2.72 H	348	32.9	20.2
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

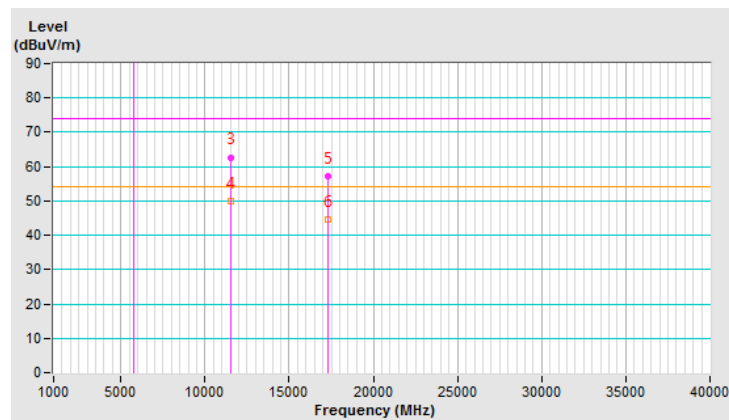


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 20 日	測試者：	黃迪祥

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	108.9 PK			1.11 V	4	104.9	4.0
2	*5775.00	100.7 AV			1.11 V	4	96.7	4.0
3	11550.00	62.7 PK	74.0	-11.3	1.09 V	203	48.8	13.9
4	11550.00	50.0 AV	54.0	-4.0	1.09 V	203	36.1	13.9
5	#17325.00	57.2 PK	74.0	-16.8	1.66 V	287	37.0	20.2
6	#17325.00	44.5 AV	54.0	-9.5	1.66 V	287	24.3	20.2
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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



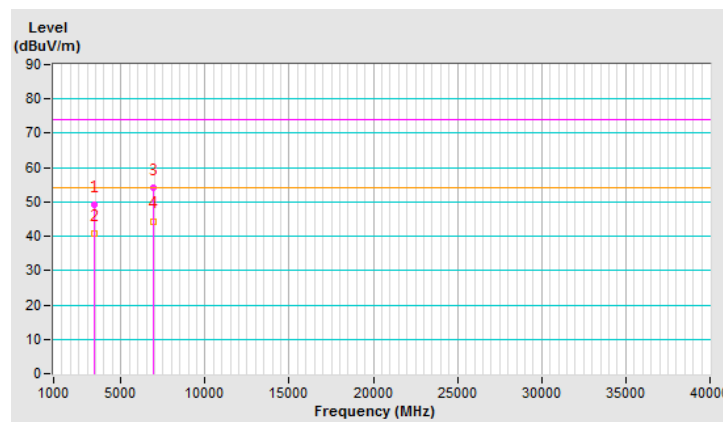
9.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 36 : 5180 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：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3453.33	49.3 PK	74.0	-24.7	1.65 H	143	50.3	-1.0
2	3453.33	40.8 AV	54.0	-13.2	1.65 H	143	41.8	-1.0
3	6906.67	54.3 PK	74.0	-19.7	1.94 H	321	46.4	7.9
4	6906.67	44.4 AV	54.0	-9.6	1.94 H	321	36.5	7.9

REMARKS:

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

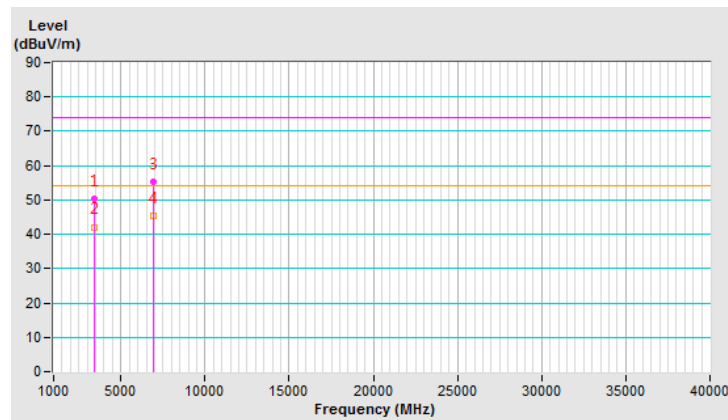


操作模式：	接收		
基本波頻率：	CH 36 : 5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3453.33	50.2 PK	74.0	-23.8	1.80 V	354	51.2	-1.0
2	3453.33	42.1 AV	54.0	-11.9	1.80 V	354	43.1	-1.0
3	6906.67	55.2 PK	74.0	-18.8	1.36 V	205	47.3	7.9
4	6906.67	45.3 AV	54.0	-8.7	1.36 V	205	37.4	7.9

REMARKS:

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



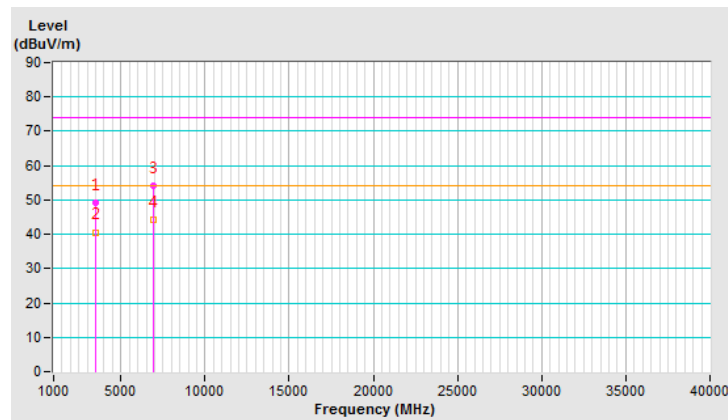
操作模式：	接收		
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3466.67	49.3 PK	74.0	-24.7	1.62 H	137	50.3	-1.0
2	3466.67	40.6 AV	54.0	-13.4	1.62 H	137	41.6	-1.0
3	6933.33	54.2 PK	74.0	-19.8	1.98 H	307	46.3	7.9
4	6933.33	44.3 AV	54.0	-9.7	1.98 H	307	36.4	7.9

REMARKS:

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

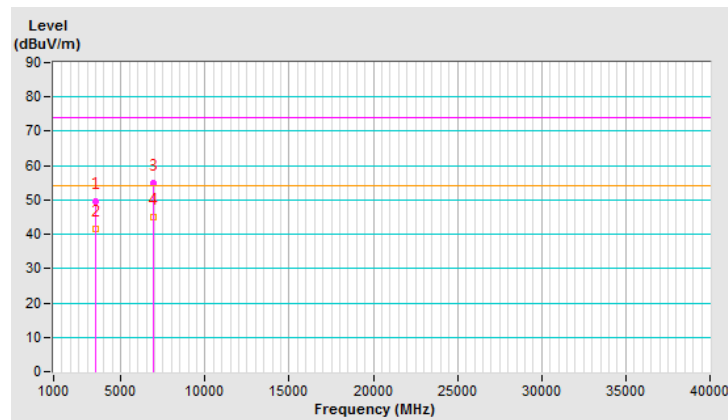


操作模式：	接收		
基本波頻率：	CH 40 : 5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3466.67	49.6 PK	74.0	-24.4	1.81 V	356	50.6	-1.0
2	3466.67	41.7 AV	54.0	-12.3	1.81 V	356	42.7	-1.0
3	6933.33	54.9 PK	74.0	-19.1	1.32 V	204	47.0	7.9
4	6933.33	44.9 AV	54.0	-9.1	1.32 V	204	37.0	7.9

REMARKS:

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



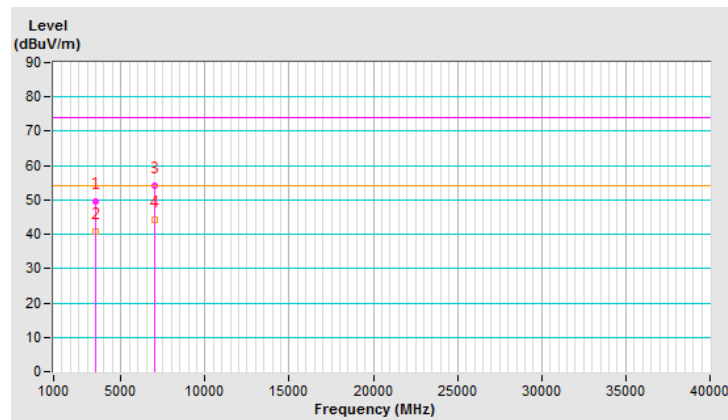
操作模式：	接收		
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	49.4 PK	74.0	-24.6	1.65 H	150	50.3	-0.9
2	3493.33	40.9 AV	54.0	-13.1	1.65 H	150	41.8	-0.9
3	6986.67	54.0 PK	74.0	-20.0	1.94 H	309	45.8	8.2
4	6986.67	44.3 AV	54.0	-9.7	1.94 H	309	36.1	8.2

REMARKS:

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

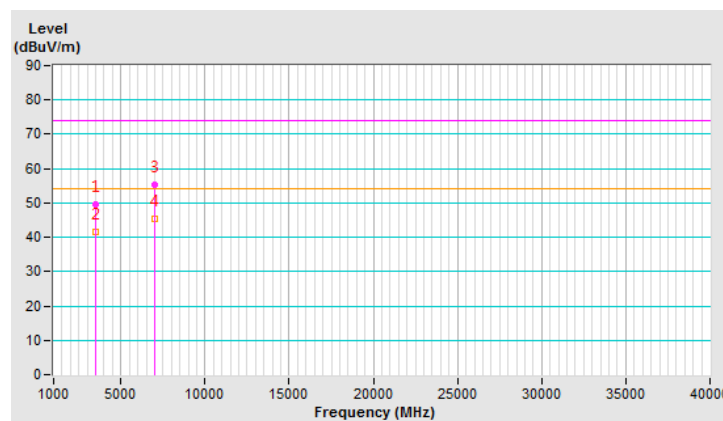


操作模式：	接收		
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	49.6 PK	74.0	-24.4	1.84 V	349	50.5	-0.9
2	3493.33	41.6 AV	54.0	-12.4	1.84 V	349	42.5	-0.9
3	6986.67	55.2 PK	74.0	-18.8	1.34 V	214	47.0	8.2
4	6986.67	45.4 AV	54.0	-8.6	1.34 V	214	37.2	8.2

REMARKS:

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

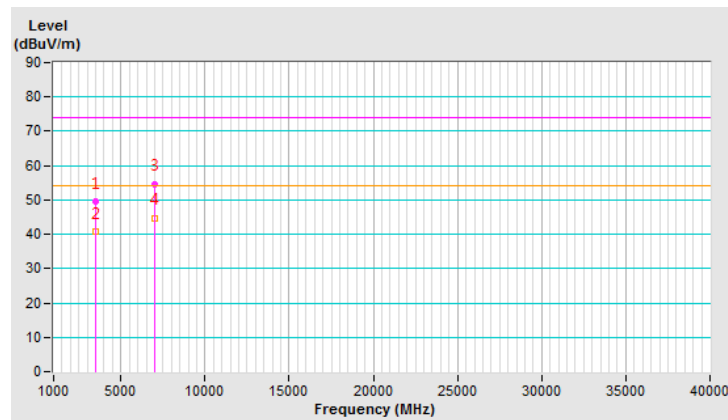


操作模式：	接收		
基本波頻率：	CH 52 : 5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3506.67	49.5 PK	74.0	-24.5	1.63 H	134	50.4	-0.9
2	3506.67	40.8 AV	54.0	-13.2	1.63 H	134	41.7	-0.9
3	7013.33	54.7 PK	74.0	-19.3	1.92 H	308	46.5	8.2
4	7013.33	44.8 AV	54.0	-9.2	1.92 H	308	36.6	8.2

REMARKS:

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

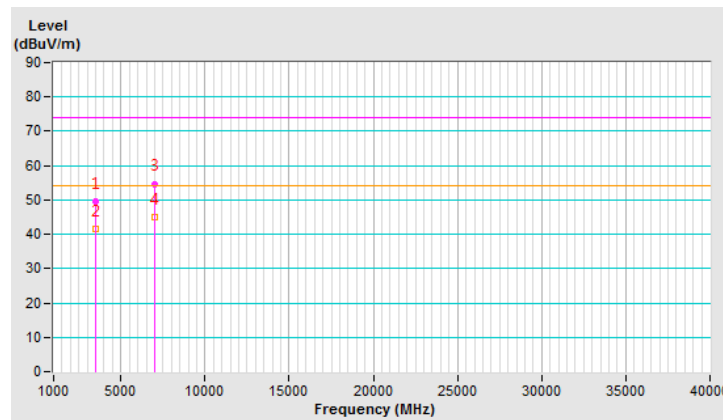


操作模式：	接收		
基本波頻率：	CH 52 : 5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3506.67	49.5 PK	74.0	-24.5	1.87 V	344	50.4	-0.9
2	3506.67	41.4 AV	54.0	-12.6	1.87 V	344	42.3	-0.9
3	7013.33	54.7 PK	74.0	-19.3	1.34 V	214	46.5	8.2
4	7013.33	45.0 AV	54.0	-9.0	1.34 V	214	36.8	8.2

REMARKS:

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



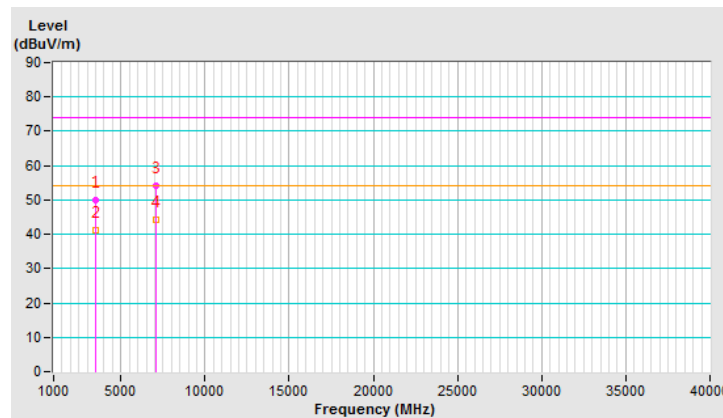
操作模式：	接收		
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3533.33	49.8 PK	74.0	-24.2	1.69 H	149	50.7	-0.9
2	3533.33	41.3 AV	54.0	-12.7	1.69 H	149	42.2	-0.9
3	7066.67	54.0 PK	74.0	-20.0	1.99 H	314	45.6	8.4
4	7066.67	44.1 AV	54.0	-9.9	1.99 H	314	35.7	8.4

REMARKS:

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

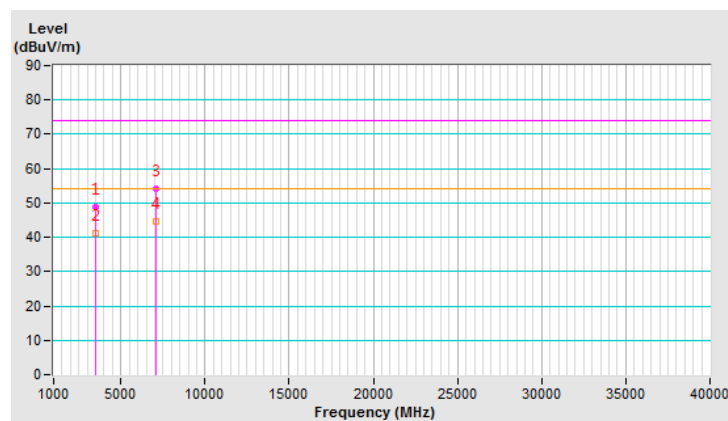


操作模式：	接收		
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3533.33	48.8 PK	74.0	-25.2	1.89 V	331	49.7	-0.9
2	3533.33	41.0 AV	54.0	-13.0	1.89 V	331	41.9	-0.9
3	7066.67	54.3 PK	74.0	-19.7	1.28 V	226	45.9	8.4
4	7066.67	44.7 AV	54.0	-9.3	1.28 V	226	36.3	8.4

REMARKS:

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



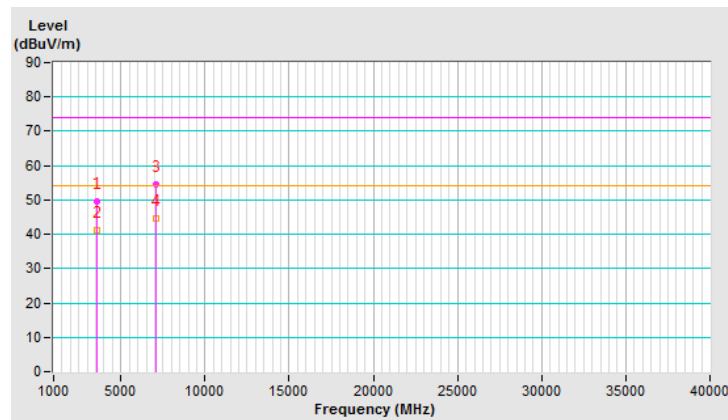
操作模式：	接收		
基本波頻率：	CH 64 : 5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3546.67	49.6 PK	74.0	-24.4	1.65 H	131	50.5	-0.9
2	3546.67	41.1 AV	54.0	-12.9	1.65 H	131	42.0	-0.9
3	7093.33	54.6 PK	74.0	-19.4	1.90 H	332	46.0	8.6
4	7093.33	44.6 AV	54.0	-9.4	1.90 H	332	36.0	8.6

REMARKS:

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

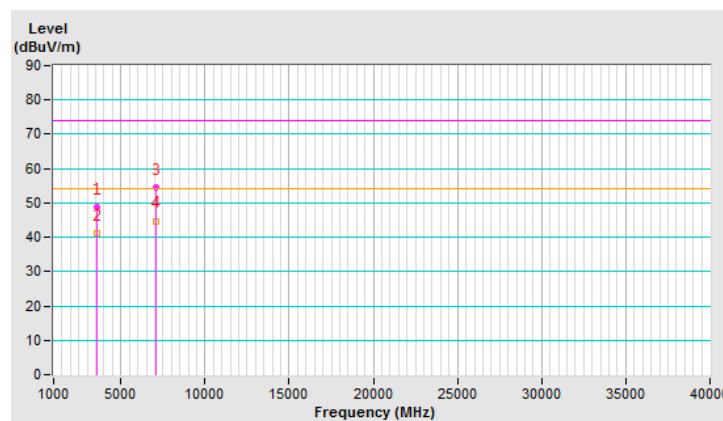


操作模式：	接收		
基本波頻率：	CH 64 : 5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3546.67	48.8 PK	74.0	-25.2	1.90 V	319	49.7	-0.9
2	3546.67	41.1 AV	54.0	-12.9	1.90 V	319	42.0	-0.9
3	7093.33	54.4 PK	74.0	-19.6	1.34 V	238	45.8	8.6
4	7093.33	44.8 AV	54.0	-9.2	1.34 V	238	36.2	8.6

REMARKS:

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

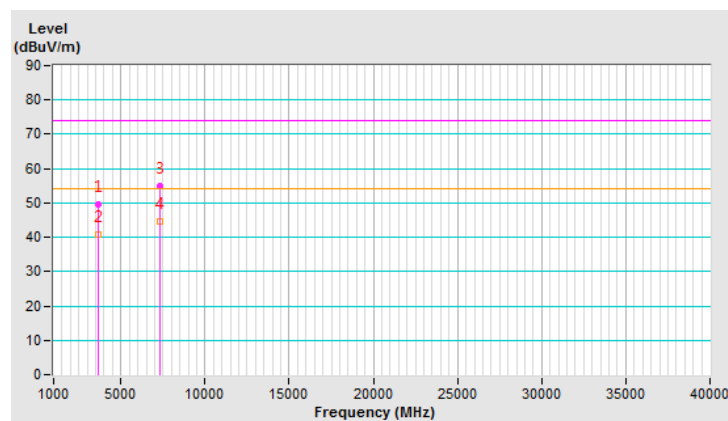


操作模式：	接收		
基本波頻率：	CH 100 : 5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3666.67	49.5 PK	74.0	-24.5	1.69 H	144	49.9	-0.4
2	3666.67	40.8 AV	54.0	-13.2	1.69 H	144	41.2	-0.4
3	7333.33	54.8 PK	74.0	-19.2	1.92 H	316	46.0	8.8
4	7333.33	44.7 AV	54.0	-9.3	1.92 H	316	35.9	8.8

REMARKS:

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

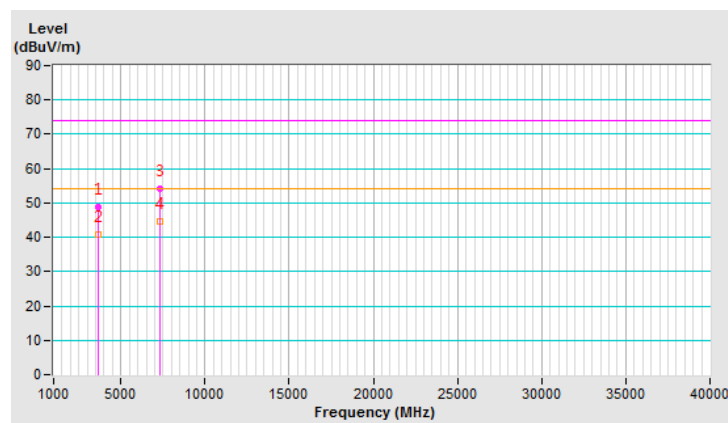


操作模式：	接收		
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3666.67	48.9 PK	74.0	-25.1	1.88 V	334	49.3	-0.4
2	3666.67	40.9 AV	54.0	-13.1	1.88 V	334	41.3	-0.4
3	7333.33	54.1 PK	74.0	-19.9	1.37 V	223	45.3	8.8
4	7333.33	44.5 AV	54.0	-9.5	1.37 V	223	35.7	8.8

REMARKS:

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



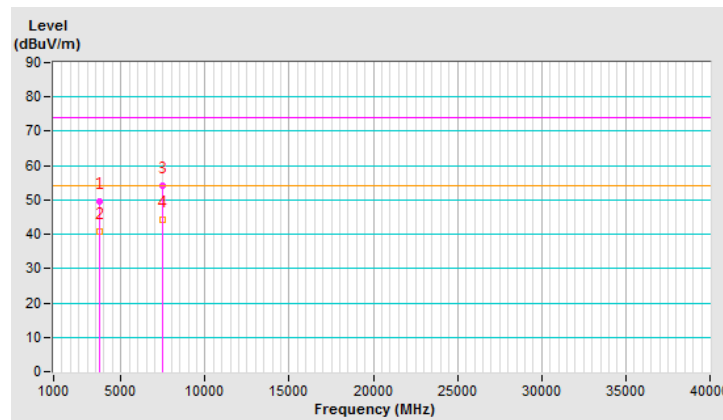
操作模式：	接收		
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3720.00	49.5 PK	74.0	-24.5	1.66 H	150	49.6	-0.1
2	3720.00	40.9 AV	54.0	-13.1	1.66 H	150	41.0	-0.1
3	7440.00	54.1 PK	74.0	-19.9	1.95 H	325	45.0	9.1
4	7440.00	44.3 AV	54.0	-9.7	1.95 H	325	35.2	9.1

REMARKS:

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

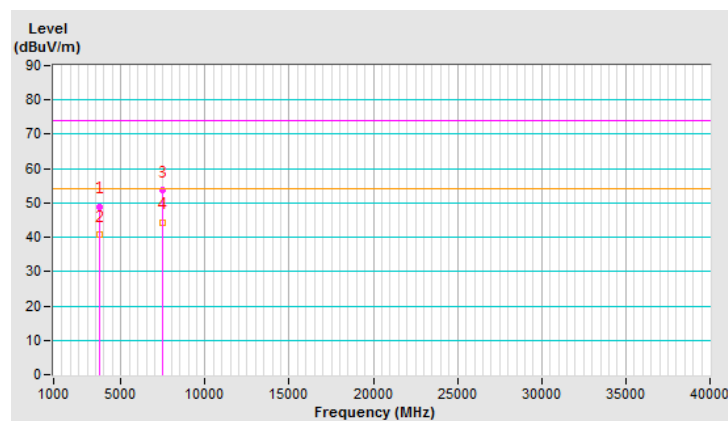


操作模式：	接收		
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3720.00	49.0 PK	74.0	-25.0	1.91 V	320	49.1	-0.1
2	3720.00	40.8 AV	54.0	-13.2	1.91 V	320	40.9	-0.1
3	7440.00	53.9 PK	74.0	-20.1	1.36 V	227	44.8	9.1
4	7440.00	44.4 AV	54.0	-9.6	1.36 V	227	35.3	9.1

REMARKS:

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



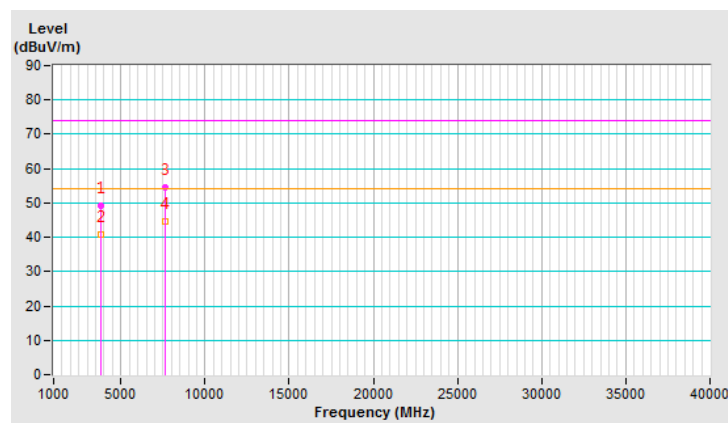
操作模式：	接收		
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3800.00	49.2 PK	74.0	-24.8	1.70 H	158	48.9	0.3
2	3800.00	40.7 AV	54.0	-13.3	1.70 H	158	40.4	0.3
3	7600.00	54.5 PK	74.0	-19.5	1.90 H	309	44.9	9.6
4	7600.00	44.6 AV	54.0	-9.4	1.90 H	309	35.0	9.6

REMARKS:

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

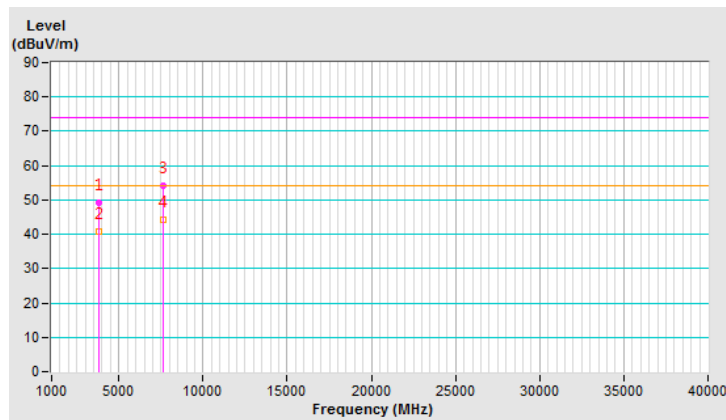


操作模式：	接收		
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3800.00	49.1 PK	74.0	-24.9	1.86 V	316	48.8	0.3
2	3800.00	40.7 AV	54.0	-13.3	1.86 V	316	40.4	0.3
3	7600.00	54.0 PK	74.0	-20.0	1.32 V	238	44.4	9.6
4	7600.00	44.2 AV	54.0	-9.8	1.32 V	238	34.6	9.6

REMARKS:

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



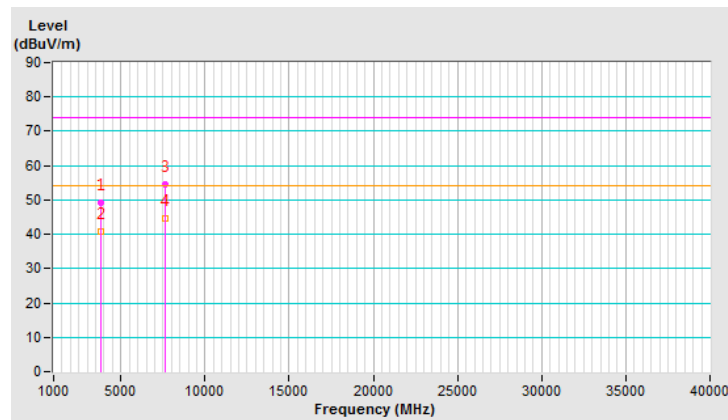
操作模式：	接收		
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3830.00	49.1 PK	74.0	-24.9	1.64 H	146	48.9	0.2
2	3830.00	40.7 AV	54.0	-13.3	1.64 H	146	40.5	0.2
3	7660.00	54.4 PK	74.0	-19.6	1.90 H	332	44.9	9.5
4	7660.00	44.6 AV	54.0	-9.4	1.90 H	332	35.1	9.5

REMARKS:

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

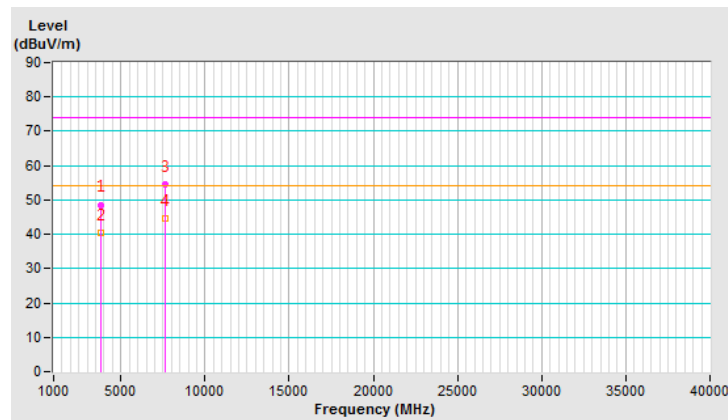


操作模式：	接收		
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3830.00	48.6 PK	74.0	-25.4	1.88 V	321	48.4	0.2
2	3830.00	40.3 AV	54.0	-13.7	1.88 V	321	40.1	0.2
3	7660.00	54.6 PK	74.0	-19.4	1.27 V	234	45.1	9.5
4	7660.00	44.5 AV	54.0	-9.5	1.27 V	234	35.0	9.5

REMARKS:

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

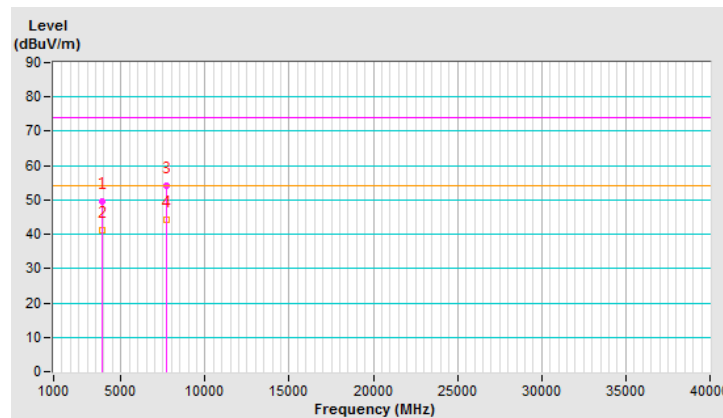


操作模式：	接收		
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3856.67	49.7 PK	74.0	-24.3	1.59 H	153	49.5	0.2
2	3856.67	41.2 AV	54.0	-12.8	1.59 H	153	41.0	0.2
3	7713.33	54.1 PK	74.0	-19.9	1.89 H	330	44.6	9.5
4	7713.33	44.3 AV	54.0	-9.7	1.89 H	330	34.8	9.5

REMARKS:

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

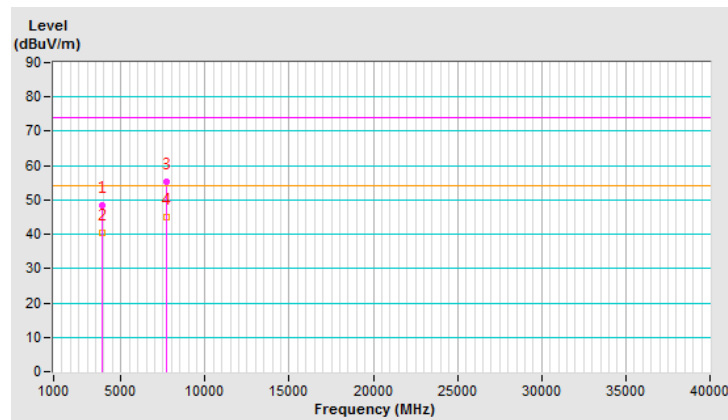


操作模式：	接收		
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	3856.67	48.5 PK	74.0	-25.5	1.90 V	316	48.3	0.2
2	3856.67	40.5 AV	54.0	-13.5	1.90 V	316	40.3	0.2
3	7713.33	55.3 PK	74.0	-18.7	1.26 V	221	45.8	9.5
4	7713.33	45.0 AV	54.0	-9.0	1.26 V	221	35.5	9.5

REMARKS:

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



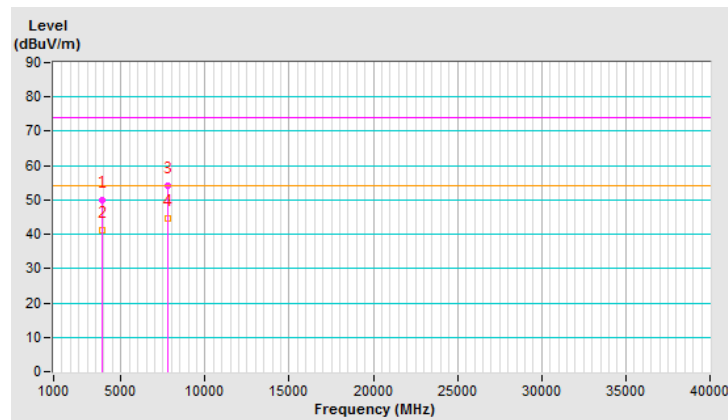
操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	49.9 PK	74.0	-24.1	1.60 H	143	49.8	0.1
2	3883.33	41.1 AV	54.0	-12.9	1.60 H	143	41.0	0.1
3	7766.67	54.2 PK	74.0	-19.8	1.96 H	325	44.7	9.5
4	7766.67	44.5 AV	54.0	-9.5	1.96 H	325	35.0	9.5

REMARKS:

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

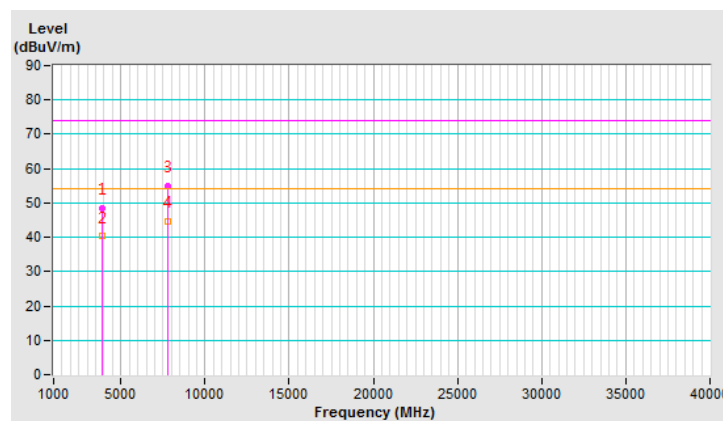


操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	25°C	量測場地濕度：	71%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	48.6 PK	74.0	-25.4	1.87 V	310	48.5	0.1
2	3883.33	40.3 AV	54.0	-13.7	1.87 V	310	40.2	0.1
3	7766.67	55.1 PK	74.0	-18.9	1.27 V	216	45.6	9.5
4	7766.67	44.8 AV	54.0	-9.2	1.27 V	216	35.3	9.5

REMARKS:

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



9.6.3 其它不必要之訊號

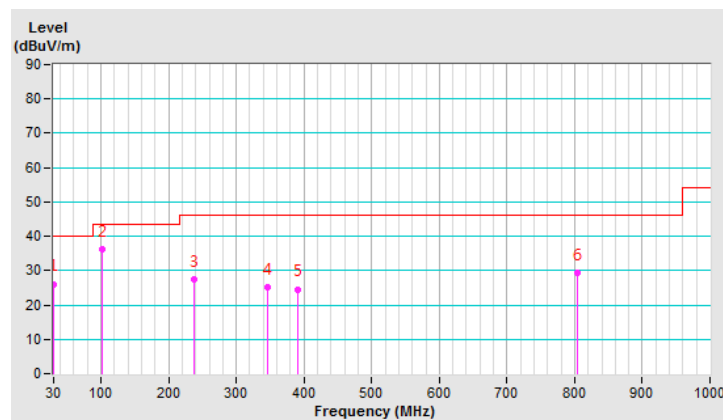
802.11a

操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	25°C	量測場地濕度：	68%RH
測試日期：	105 年 12 月 20 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	30.07	26.1 QP	40.0	-13.9	1.00 H	144	35.7	-9.6
2	100.83	36.1 QP	43.5	-7.4	1.50 H	178	48.6	-12.5
3	236.95	27.6 QP	46.0	-18.4	1.50 H	147	37.7	-10.1
4	345.74	25.0 QP	46.0	-21.0	1.50 H	118	31.6	-6.6
5	391.28	24.6 QP	46.0	-21.4	1.50 H	251	29.9	-5.3
6	803.60	29.5 QP	46.0	-16.5	1.43 H	205	26.7	2.8

REMARKS:

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



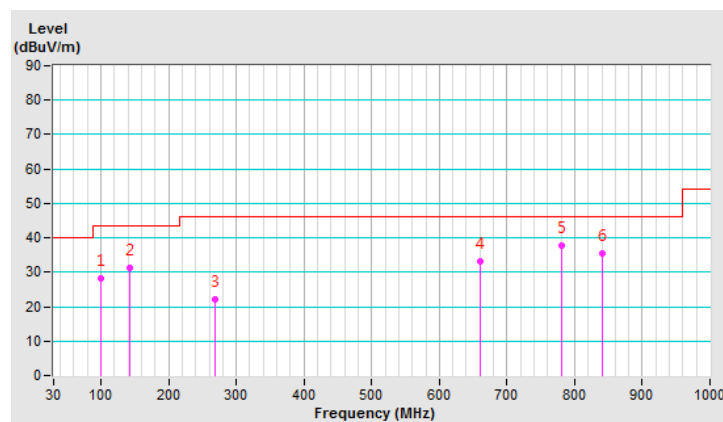
操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	25°C	量測場地濕度：	68%RH
測試日期：	105 年 12 月 20 日	測試者：	何欣儒

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	100.18	28.1 QP	43.5	-15.4	1.50 V	115	40.7	-12.6
2	143.20	31.2 QP	43.5	-12.3	1.50 V	113	39.4	-8.2
3	268.80	22.2 QP	46.0	-23.8	1.00 V	205	30.8	-8.6
4	660.01	33.1 QP	46.0	-12.9	1.50 V	197	32.5	0.6
5	780.00	37.7 QP	46.0	-8.3	1.50 V	38	35.1	2.6
6	840.00	35.5 QP	46.0	-10.5	1.00 V	143	32.3	3.2

REMARKS:

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



9.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

9.8 輻射量測之配置照片

同 4.8 節

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

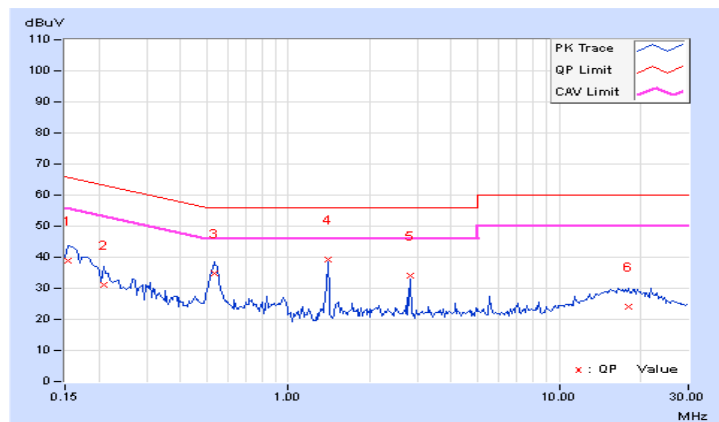
10.6 量測結果

操作模式	發射	測試日期	105 年 12 月 01 日
基本波頻率	Ch 157: 5785MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	75%RH
測試者	何欣儒	測試模式	一

		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.
0.15391	10.20	28.83	13.93	39.03	24.13	65.79	55.79	-26.76	-31.66
0.20859	10.20	20.75	8.02	30.95	18.22	63.26	53.26	-32.31	-35.04
0.53281	10.25	24.44	14.29	34.69	24.54	56.00	46.00	-21.31	-21.46
1.40625	10.30	28.80	18.40	39.10	28.70	56.00	46.00	-16.90	-17.30
2.81641	10.30	23.88	13.53	34.18	23.83	56.00	46.00	-21.82	-22.17
17.98047	11.54	12.64	5.28	24.18	16.82	60.00	50.00	-35.82	-33.18

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.

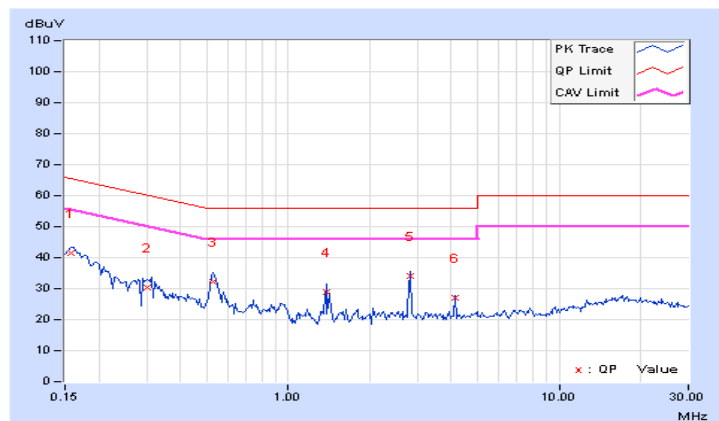


操作模式	發射	測試日期	105 年 12 月 01 日
基本波頻率	Ch 157: 5785MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	75%RH
測試者	何欣儒	測試模式	一

		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.
0.15781	10.19	31.40	20.36	41.59	30.55	65.58	55.58	-23.99	-25.03
0.30234	10.21	20.28	9.39	30.49	19.60	60.18	50.18	-29.69	-30.58
0.52891	10.24	22.13	17.42	32.37	27.66	56.00	46.00	-23.63	-18.34
1.37891	10.28	18.44	9.58	28.72	19.86	56.00	46.00	-27.28	-26.14
2.81641	10.27	23.92	14.21	34.19	24.48	56.00	46.00	-21.81	-21.52
4.14453	10.23	16.88	7.69	27.11	17.92	56.00	46.00	-28.89	-28.08

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.



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

同 5.8 節

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:

For UNII-1 & UNII-3: 同 6.3 節

For UNII-2A & UNII-2C:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 28, 2016	June 27, 2017

- 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.

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

For UNII-1 & UNII-3:

操作模式	發射	測試日期	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	鄭樹營		

CDD 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				
36	5180	21.40	20.85	259.657	24.14	30.00	Pass
40	5200	22.18	21.02	291.67	24.65	30.00	Pass
48	5240	21.79	20.54	264.248	24.22	30.00	Pass
149	5745	24.53	24.21	547.425	27.38	30.00	Pass
157	5785	24.57	24.49	567.608	27.54	30.00	Pass
165	5825	24.40	24.24	540.884	27.33	30.00	Pass

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				
36	5180	21.37	20.97	262.114	24.18	30.00	Pass
40	5200	22.29	21.45	309.071	24.90	30.00	Pass
48	5240	21.76	20.62	265.313	24.24	30.00	Pass
149	5745	24.58	24.17	548.294	27.39	30.00	Pass
157	5785	24.42	24.25	542.767	27.35	30.00	Pass
165	5825	24.36	24.22	537.139	27.30	30.00	Pass

NOTE: 1. For UNII-1 : Directional gain = 4dBi < 6dBi, so the power limit shall not be reduced.
2. For UNII-3 : Directional gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

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				
38	5190	18.32	16.76	115.344	20.62	30.00	Pass
46	5230	21.42	20.71	256.437	24.09	30.00	Pass
151	5755	24.20	24.82	566.416	27.53	30.00	Pass
159	5795	24.46	24.51	561.742	27.50	30.00	Pass

NOTE: 1. For UNII-1 : Directional gain = 4dBi < 6dBi, so the power limit shall not be reduced.
2. For UNII-3 : Directional gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

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				
42	5210	16.05	15.90	79.177	18.99	30.00	Pass
155	5775	23.01	22.96	397.683	26.00	30.00	Pass

NOTE: 1. For UNII-1 : Directional gain = 4dBi < 6dBi, so the power limit shall not be reduced.
2. For UNII-3 : Directional gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

For UNII-2A & UNII-2C:

操作模式	發射	測試日期	105 年 12 月 22 日
量測場地溫度	25°C	量測場地濕度	63%RH
測試者	陳高逸		

CDD Mode

802.11a

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	19.84	19.70	189.708	22.78	24.00	Pass
60	5300	20.31	19.88	204.674	23.11	24.00	Pass
64	5320	20.21	19.74	199.143	22.99	24.00	Pass
100	5500	19.94	20.42	208.782	23.20	24.00	Pass
116	5580	20.34	20.67	224.824	23.52	23.86	Pass
140	5700	19.92	20.48	209.861	23.22	23.86	Pass

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	28.54	20.35
60	5300	31.56	20.19
64	5320	24.36	20.23
100	5500	20.40	22.79
116	5580	19.36	21.46
140	5700	19.46	19.36

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	20.35	24.08 > 24
60	5300	20.19	24.05 > 24
64	5320	20.23	24.05 > 24
100	5500	20.40	24.09 > 24
116	5580	19.36	23.86 < 24
140	5700	19.36	23.86 < 24

Beamforming Mode

802.11ac (VHT20)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
52	5260	19.58	21.16	221.399	23.45	24.00	Pass
60	5300	20.65	20.24	221.827	23.46	24.00	Pass
64	5320	20.99	19.88	222.878	23.48	24.00	Pass
100	5500	20.62	20.88	237.807	23.76	24.00	Pass
116	5580	20.33	20.85	229.514	23.61	24.00	Pass
140	5700	20.16	20.85	225.372	23.53	24.00	Pass

NOTE: 1. For UNII-2A : The Max. antenna gain = 4dBi < 6dBi, so the power limit shall not be reduced.

2. For UNII-2C : The Max. antenna gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	27.68	21.97
60	5300	28.60	22.66
64	5320	36.22	21.81
100	5500	20.96	22.91
116	5580	20.61	22.61
140	5700	20.26	20.63

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	21.97	24.41 > 24
60	5300	22.66	24.55 > 24
64	5320	21.81	24.38 > 24
100	5500	20.96	24.21 > 24
116	5580	20.61	24.14 > 24
140	5700	20.26	24.06 > 24

802.11ac (VHT40)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
54	5270	21.36	20.45	247.69	23.94	24.00	Pass
62	5310	19.61	20.33	199.306	23.00	24.00	Pass
102	5510	18.86	18.90	154.538	21.89	24.00	Pass
110	5550	20.65	20.81	236.649	23.74	24.00	Pass
134	5670	19.87	19.78	192.111	22.84	24.00	Pass

NOTE: 1. For UNII-2A : The Max. antenna gain = 4dBi < 6dBi, so the power limit shall not be reduced.

2. For UNII-2C : The Max. antenna gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	86.29	53.55
62	5310	64.44	41.01
102	5510	41.00	41.05
110	5550	40.95	51.46
134	5670	41.21	44.36

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	53.55	28.28 > 24
62	5310	41.01	27.12 > 24
102	5510	41.00	27.12 > 24
110	5550	40.95	27.12 > 24
134	5670	41.21	27.15 > 24

802.11ac (VHT80)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
58	5290	16.98	17.01	100.122	20.01	24.00	Pass
106	5530	15.97	15.86	78.085	18.93	24.00	Pass
122	5610	19.10	19.99	181.053	22.58	24.00	Pass

NOTE: 1. For UNII-2A : The Max. antenna gain = 4dBi < 6dBi, so the power limit shall not be reduced.

2. For UNII-2C : The Max. antenna gain = 5.89dBi < 6dBi, so the power limit shall not be reduced.

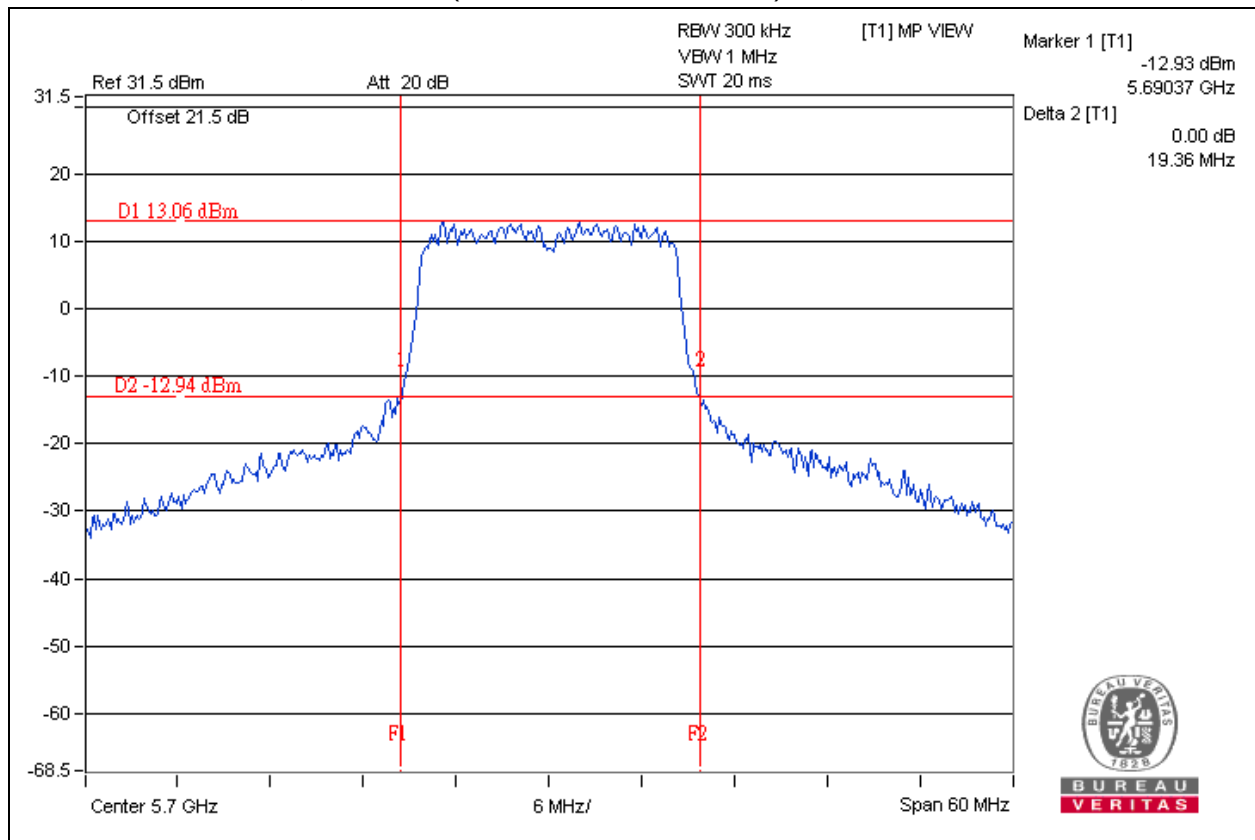
26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	84.12	85.21
106	5530	83.41	83.21
122	5610	84.15	104.02

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	84.12	30.24 > 24
106	5530	83.21	30.2 > 24
122	5610	84.15	30.25 > 24

**此測試圖僅放測試結果最差的頻道。(802.11a - Chain 1 / CH140)



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)

802.11ac (VHT20),

For U-NII-1:

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 = power averaging (rms)
- 3) Number of points in sweep $\geq$ 2 x span/RBW.
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) 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

802.11a, 802.11ac (VHT40), 802.11ac (VHT80)

For U-NII-1:

Using method SA-2:

- 1) Measure the duty cycle
- 2) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 3) Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = power averaging (rms)
- 4) Number of points in sweep $\geq$ 2 x span/RBW.
- 5) Sweep time = auto, trigger set to "free run".
- 6) Trace average at least 100 traces in power averaging (rms) mode.
- 7) Add 10 log (1/duty cycle) to the measured max value then record it.

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

For UNII-1 & UNII-3:同 9.3 節。

For UNII-2A & UNII-2C:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 28, 2016	June 27, 2017

- 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.

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

For UNII-1:

操作模式	發射	測試日期	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	鄭樹營		

CDD Mode

802.11a

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				
36	5180	7.33	6.79	0.13	10.21	17.00	Pass
40	5200	7.83	7.45	0.13	10.79	17.00	Pass
48	5240	7.10	6.58	0.13	9.99	17.00	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. Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
3. Refer to section 2.1 for duty cycle spectrum plot.

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	7.07	6.94	10.02	17.00	Pass
40	5200	7.70	7.19	10.46	17.00	Pass
48	5240	7.40	6.43	9.95	17.00	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. Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.

802.11ac (VHT40)

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				
38	5190	1.73	0.00	0.12	4.09	17.00	Pass
46	5230	4.05	3.83	0.12	7.08	17.00	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. Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

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				
42	5210	-4.35	-3.92	0.25	-0.87	17.00	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. Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
3. Refer to section 2.1 for duty cycle spectrum plot.

For UNII-2A & UNII-2C:

操作模式	發射	測試日期	105 年 12 月 22 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode

802.11a

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				
52	5260	7.70	7.70	0.13	10.84	11.00	Pass
60	5300	7.45	7.17	0.13	10.45	11.00	Pass
64	5320	7.27	7.24	0.13	10.40	11.00	Pass
100	5500	7.23	7.58	0.13	10.55	11.00	Pass
116	5580	7.06	7.96	0.13	10.68	11.00	Pass
140	5700	7.73	7.71	0.13	10.86	11.00	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 UNII-2A: Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
 - For UNII-2C: Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
 - Refer to section 2.1 for duty cycle spectrum plot.

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
52	5260	7.76	7.58	10.68	11.00	Pass
60	5300	7.36	7.36	10.37	11.00	Pass
64	5320	7.58	7.29	10.45	11.00	Pass
100	5500	7.57	7.66	10.63	11.00	Pass
116	5580	7.02	7.93	10.51	11.00	Pass
140	5700	7.22	7.80	10.53	11.00	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 UNII-2A: Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
3. For UNII-2C: Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.

802.11ac (VHT40)

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				
54	5270	4.39	3.90	0.15	7.31	11.00	Pass
62	5310	3.26	2.92	0.15	6.26	11.00	Pass
102	5510	2.76	2.40	0.15	5.75	11.00	Pass
118	5590	4.06	4.47	0.15	7.43	11.00	Pass
134	5670	3.34	3.09	0.15	6.38	11.00	Pass

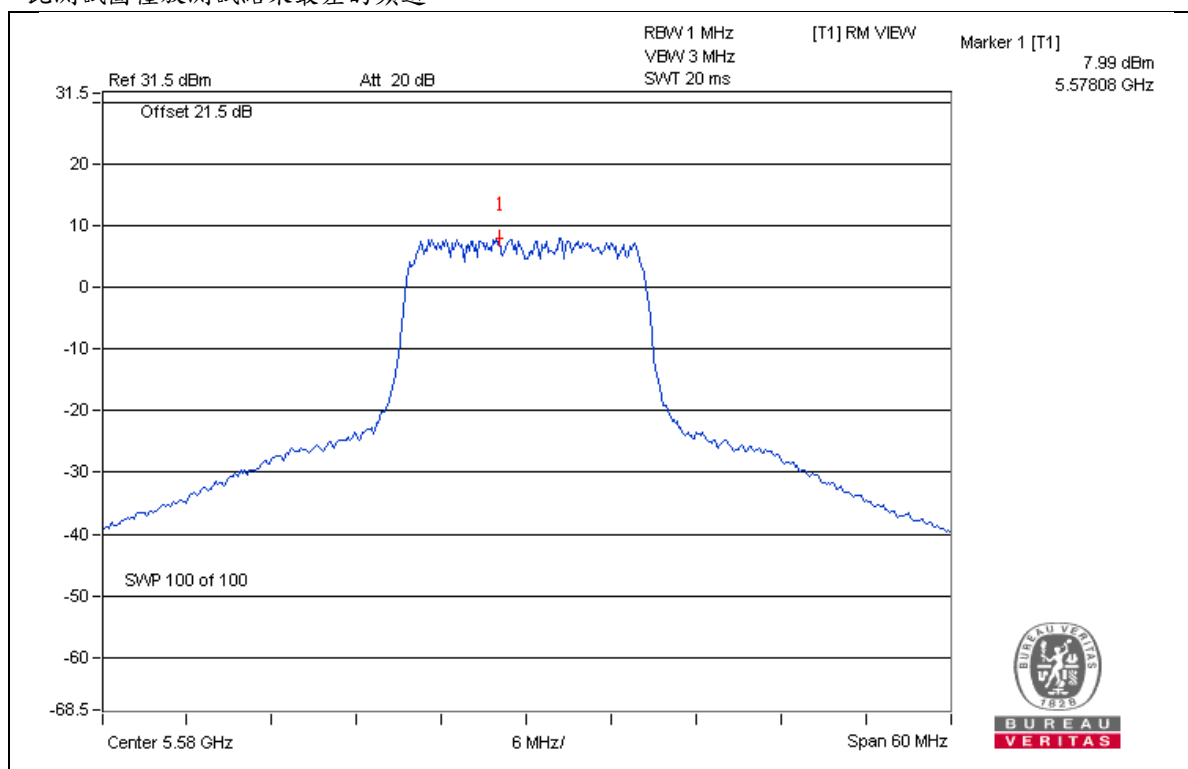
- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For UNII-2A: Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
3. For UNII-2C: Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
4. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

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				
58	5290	-2.13	-2.78	0.33	0.89	11.00	Pass
106	5530	-4.18	-4.03	0.33	-0.77	11.00	Pass
122	5610	0.54	0.07	0.33	3.65	11.00	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 UNII-2A: Directional gain = 4dBi < 6dBi, so the power density limit shall not be reduced.
 3. For UNII-2C: Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
 4. 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 UNII-3:

操作模式	發射	測試日期	105 年 12 月 21 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	鄭樹營		

CDD Mode

802.11a

TX chain	Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	149	5745	1.96	4.18	3.01	0.13	7.32	30.00	Pass
	157	5785	2.19	4.41	3.01	0.13	7.55	30.00	Pass
	165	5825	2.47	4.69	3.01	0.13	7.83	30.00	Pass
1	149	5745	2.54	4.76	3.01	0.13	7.90	30.00	Pass
	157	5785	2.62	4.84	3.01	0.13	7.98	30.00	Pass
	165	5825	2.14	4.36	3.01	0.13	7.50	30.00	Pass

Note: 1. Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
2. Refer to section 2.1 for duty cycle spectrum plot.

Beamforming Mode

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	2.15	4.37	3.01	7.38	30.00	Pass
	157	5785	2.15	4.37	3.01	7.38	30.00	Pass
	165	5825	2.68	4.90	3.01	7.91	30.00	Pass
1	149	5745	2.47	4.69	3.01	7.70	30.00	Pass
	157	5785	1.97	4.19	3.01	7.20	30.00	Pass
	165	5825	2.31	4.53	3.01	7.54	30.00	Pass

Note: 1. Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.

802.11ac (VHT40)

TX chain	Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	151	5755	-0.62	1.60	3.01	0.12	4.73	30.00	Pass
	159	5795	-1.94	0.28	3.01	0.12	3.41	30.00	Pass
1	151	5755	-0.85	1.37	3.01	0.12	4.50	30.00	Pass
	159	5795	-1.71	0.51	3.01	0.12	3.64	30.00	Pass

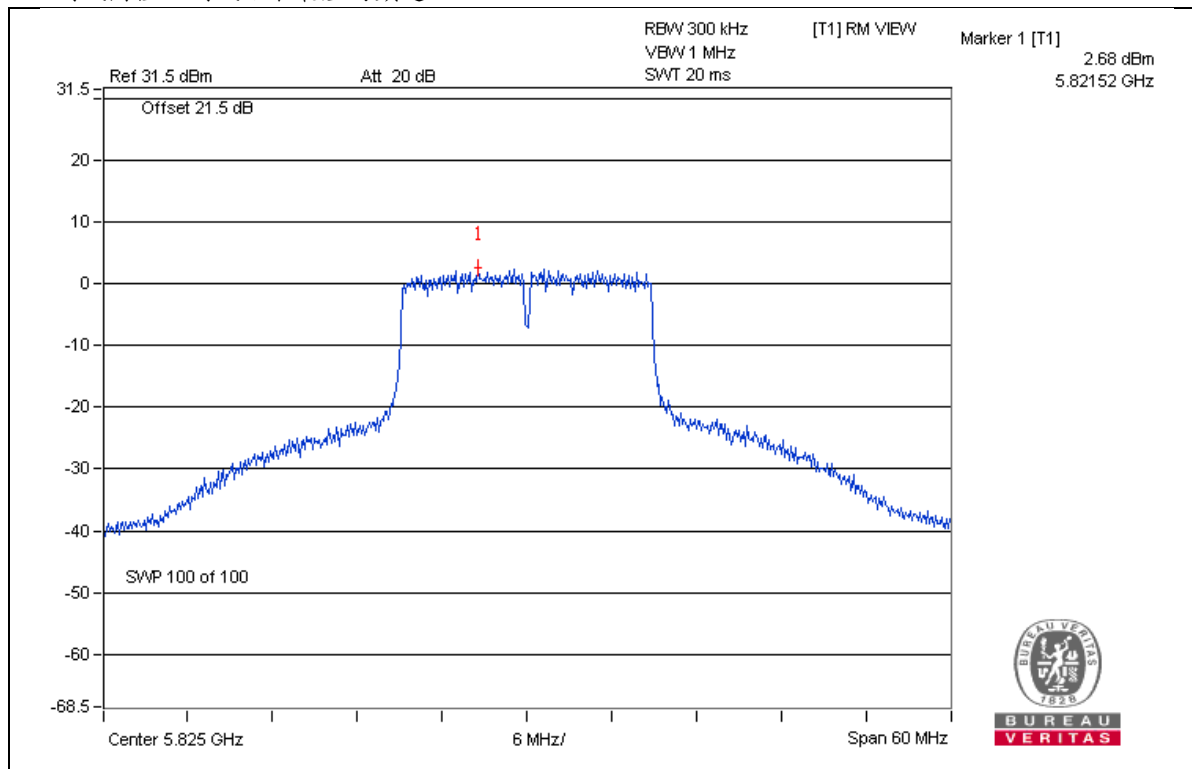
Note: 1. Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
2. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

TX chain	Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	155	5775	-6.09	-3.87	3.01	0.25	-0.61	30.00	Pass
1	155	5775	-5.51	-3.29	3.01	0.25	-0.03	30.00	Pass

Note: 1. Directional gain = 5.89dBi < 6dBi, so the power density limit shall not be reduced.
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。



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。

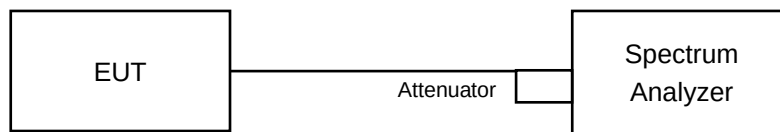
13.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSP40	100060	May 11, 2016	May 10, 2017

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.

13.4 測試配置



13.5 量測結果

操作模式	發射	測試日期	105 年 10 月 22 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.38	16.39	0.5	PASS
157	5785	16.38	16.40	0.5	PASS
165	5825	16.34	16.38	0.5	PASS

Beamforming Mode

802.11ac (VHT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	17.61	17.63	0.5	PASS
157	5785	17.62	17.64	0.5	PASS
165	5825	17.61	17.63	0.5	PASS

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	35.20	35.21	0.5	PASS
159	5795	35.16	33.99	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	75.79	75.68	0.5	PASS

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

電波暴露量之評估	
☐	待測物並非是 WLAN AP/Router 產品，不需進行電波暴露量之評估
☒	待測物為 WLAN AP/Router 產品，需進行電波暴露量之評估

Frequency Band (MHz)	Max Power (mW)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
2412-2462	798.221	5.9	23	0.46715	1
5180-5240	309.071	4	23	0.11679	1
5260-5320	247.69	4	23	0.09359	1
5500-5700	237.807	5.89	23	0.13885	1
5745-5825	567.608	5.89	23	0.33142	1

NOTE:

2.4GHz: Directional gain = 5.9dBi

5GHz: For UNII-1 & UNII-2A : Directional gain = 4dBi

For UNII-2C & UNII-3 Directional gain = 5.89dBi

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

$$WLAN\ 2.4GHz + WLAN\ 5GHz = 0.46715 / 1 + 0.33142 / 1 = 0.79857$$

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

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

802.11a

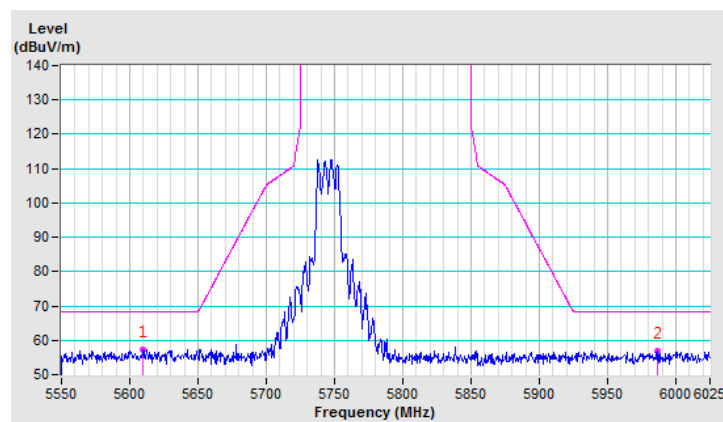
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.98	57.3 PK	68.2	-10.9	3.09 H	63	54.8	2.5
2	#5986.23	57.0 PK	68.2	-11.2	3.09 H	63	53.8	3.2

REMARKS:

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



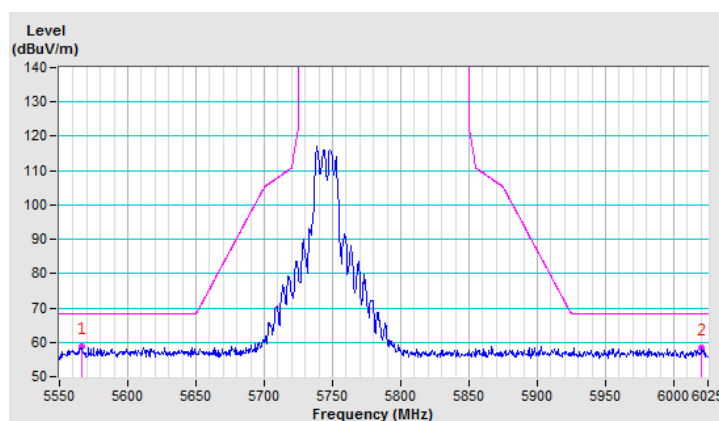
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

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	#5566.11	58.6 PK	68.2	-9.6	1.00 V	347	56.3	2.3
2	#6020.33	58.5 PK	68.2	-9.7	1.00 V	347	55.2	3.3

REMARKS:

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



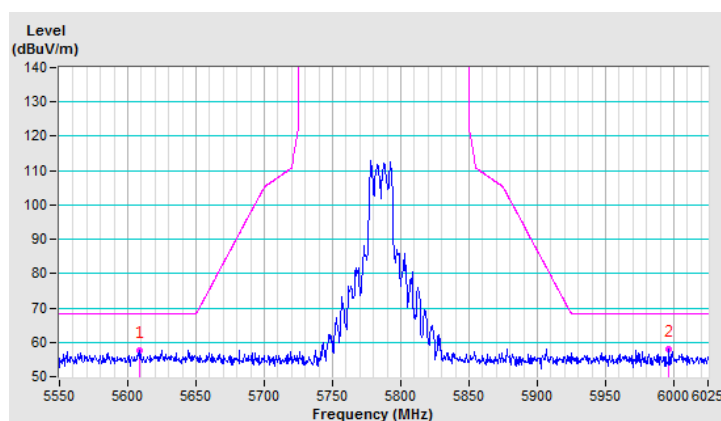
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.95	57.6 PK	68.2	-10.6	3.38 H	69	55.1	2.5
2	#5996.23	58.1 PK	68.2	-10.1	3.38 H	69	54.8	3.3

REMARKS:

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



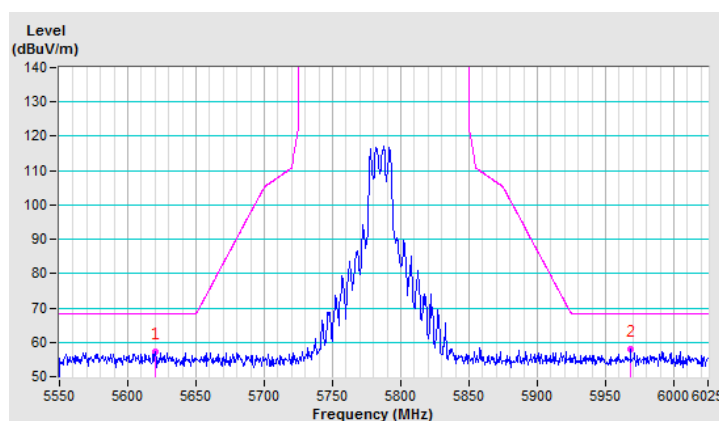
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

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	#5620.26	57.3 PK	68.2	-10.9	1.00 V	360	54.8	2.5
2	#5968.25	57.9 PK	68.2	-10.3	1.00 V	360	54.9	3.0

REMARKS:

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



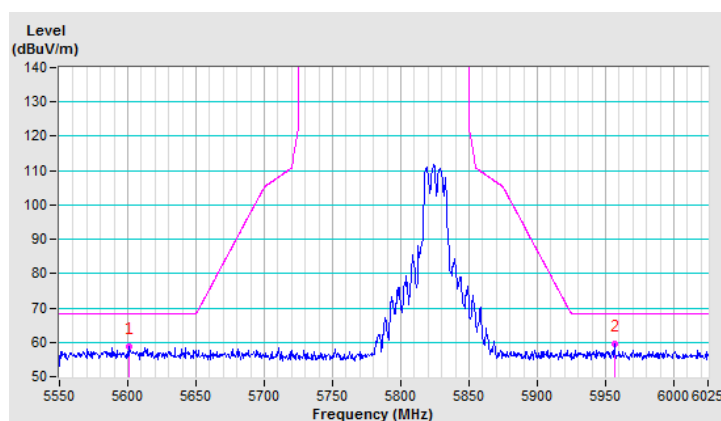
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

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	#5600.56	58.6 PK	68.2	-9.6	3.37 H	57	56.2	2.4
2	#5956.48	59.4 PK	68.2	-8.8	3.37 H	57	56.4	3.0

REMARKS:

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



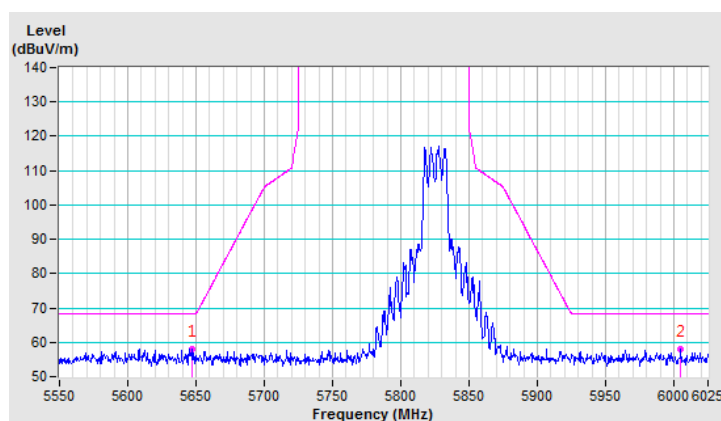
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 6 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.66	58.0 PK	68.2	-10.2	1.00 V	360	55.5	2.5
2	#6004.66	58.1 PK	68.2	-10.1	1.00 V	360	54.8	3.3

REMARKS:

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



802.11ac (VHT20)

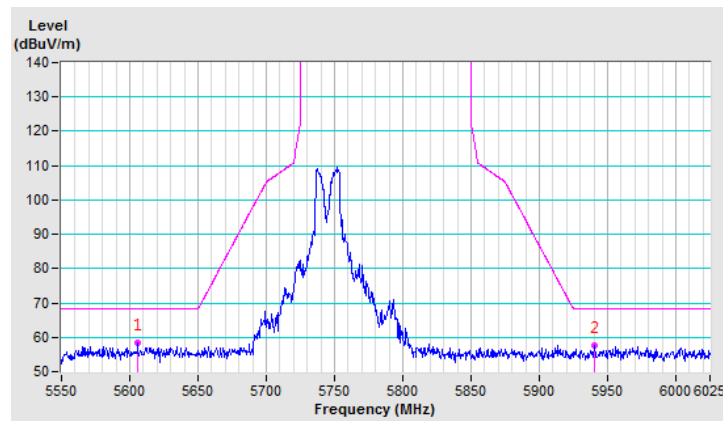
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5605.75	58.3 PK	68.2	-9.9	3.95 H	86	55.8	2.5
2	#5940.45	57.7 PK	68.2	-10.5	3.95 H	86	54.8	2.9

REMARKS:

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



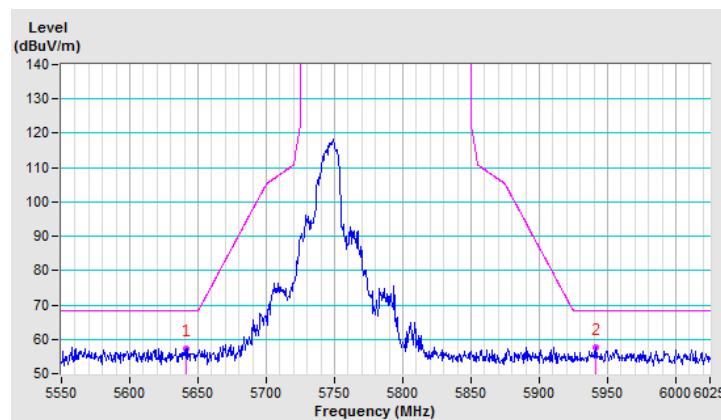
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5640.91	57.2 PK	68.2	-11.0	1.23 V	360	54.7	2.5
2	#5941.21	57.7 PK	68.2	-10.5	1.23 V	360	54.8	2.9

REMARKS:

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



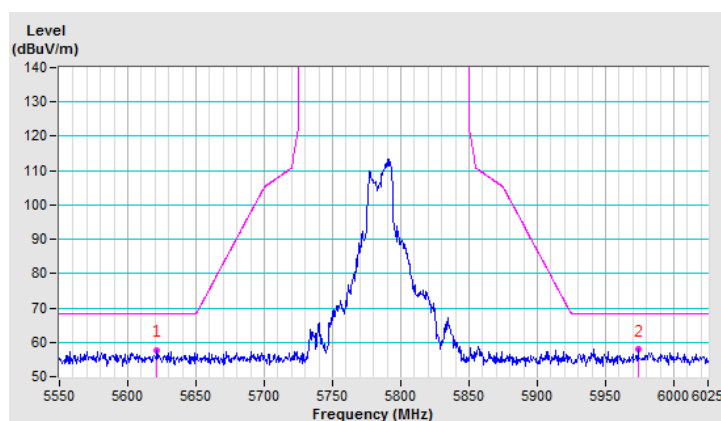
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5621.33	57.8 PK	68.2	-10.4	3.94 H	110	55.3	2.5
2	#5973.57	57.9 PK	68.2	-10.3	3.94 H	110	54.9	3.0

REMARKS:

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



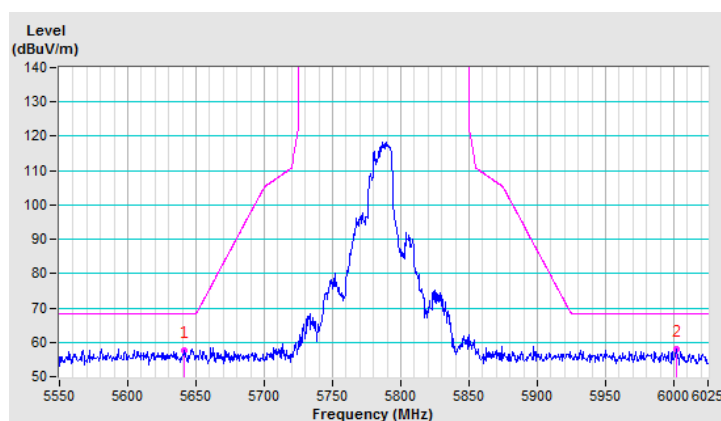
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5641.82	57.5 PK	68.2	-10.7	1.43 V	305	55.0	2.5
2	#6002.00	57.9 PK	68.2	-10.3	1.43 V	305	54.6	3.3

REMARKS:

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



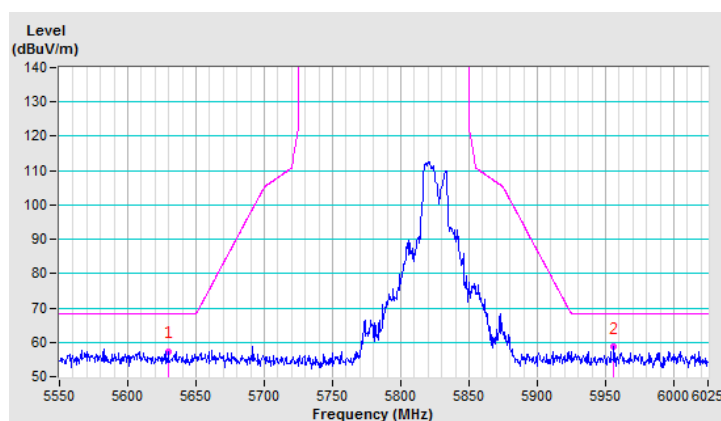
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5630.05	57.4 PK	68.2	-10.8	3.96 H	93	54.9	2.5
2	#5955.95	58.8 PK	68.2	-9.4	3.96 H	93	55.8	3.0

REMARKS:

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



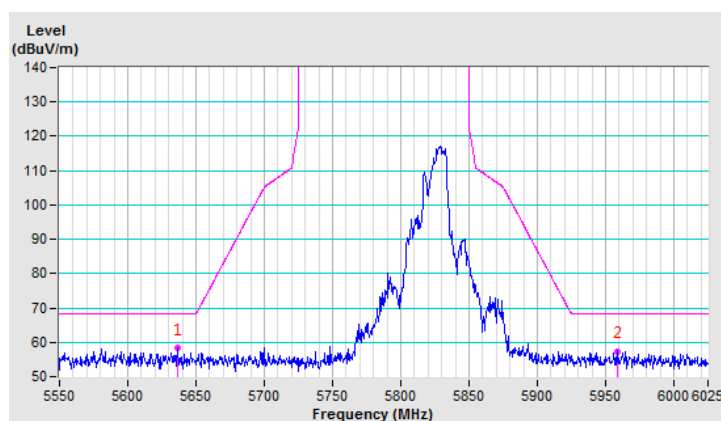
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	105 年 12 月 22 日	測試者：	黃迪祥

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	#5636.33	58.4 PK	68.2	-9.8	1.38 V	221	55.9	2.5
2	#5959.02	57.4 PK	68.2	-10.8	1.38 V	221	54.4	3.0

REMARKS:

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



802.11ac (VHT40)

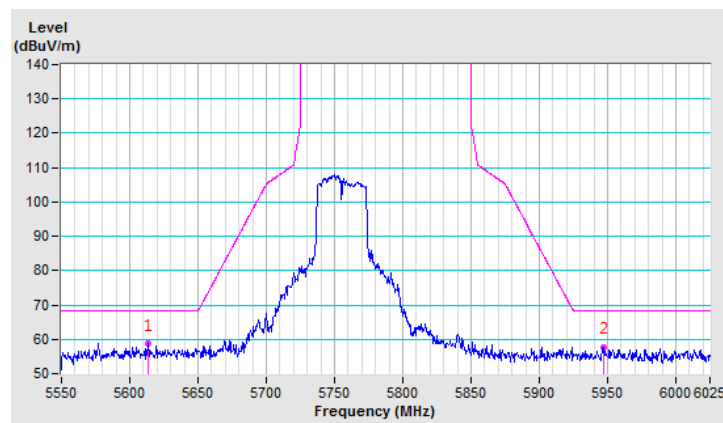
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

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	#5613.48	58.7 PK	68.2	-9.5	3.94 H	229	56.2	2.5
2	#5947.02	57.8 PK	68.2	-10.4	3.94 H	229	54.9	2.9

REMARKS:

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



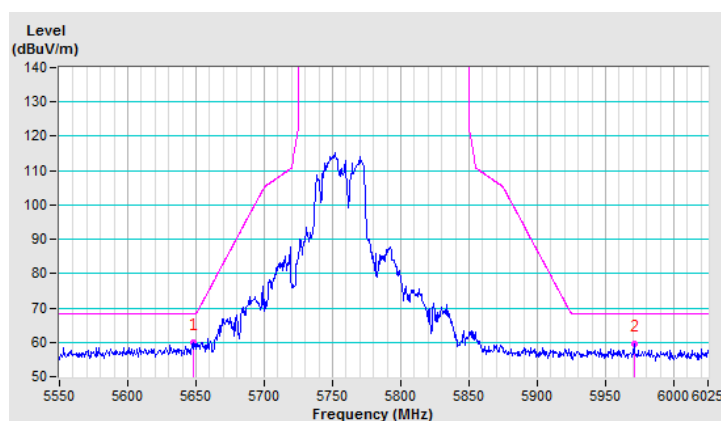
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151 : 5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

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	#5648.47	59.8 PK	68.2	-8.4	1.82 V	34	57.3	2.5
2	#5971.03	59.6 PK	68.2	-8.6	1.82 V	34	56.6	3.0

REMARKS:

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



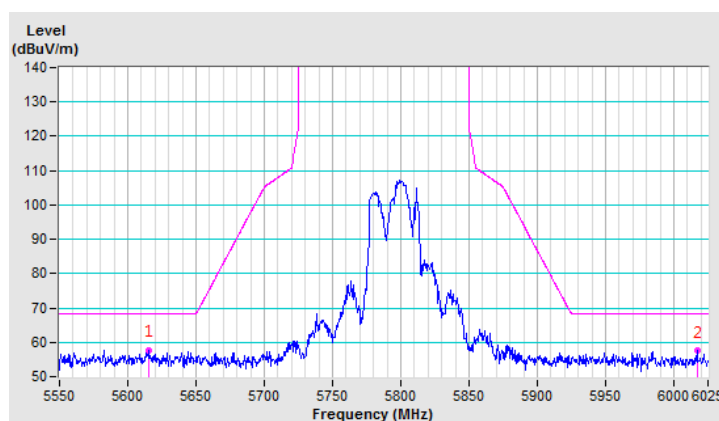
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

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	#5615.16	57.8 PK	68.2	-10.4	2.72 H	337	55.3	2.5
2	#6017.01	57.5 PK	68.2	-10.7	2.72 H	337	54.2	3.3

REMARKS:

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



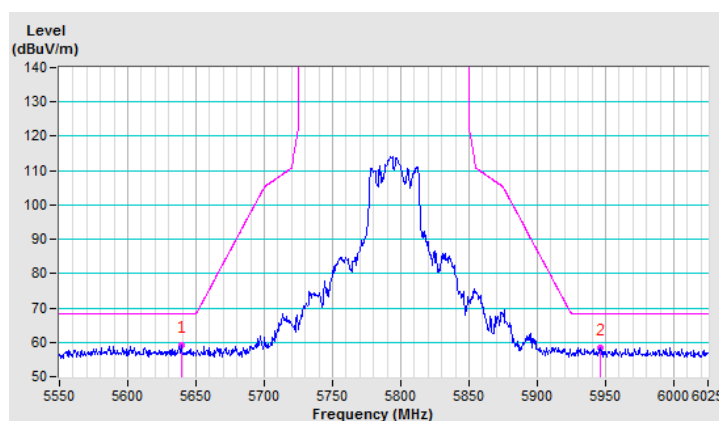
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5639.70	59.0 PK	68.2	-9.2	1.77 V	29	56.5	2.5
2	#5946.30	58.3 PK	68.2	-9.9	1.77 V	29	55.4	2.9

REMARKS:

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



802.11ac (VHT80)

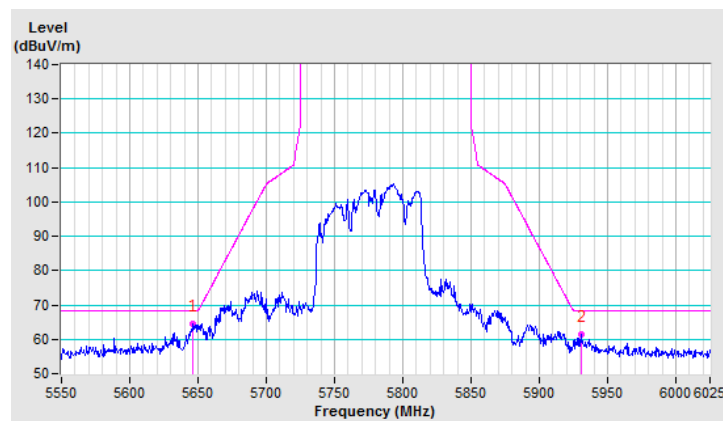
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.53	64.6 PK	68.2	-3.6	3.90 H	225	62.1	2.5
2	#5930.85	61.4 PK	68.2	-6.8	3.90 H	225	58.5	2.9

REMARKS:

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



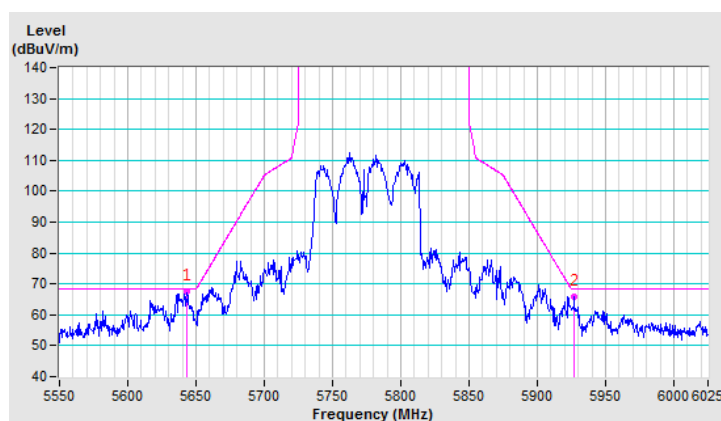
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	64%RH
測試日期：	105 年 12 月 2 日	測試者：	黃迪祥

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	#5643.00	67.5 PK	68.2	-0.7	2.51 V	265	65.0	2.5
2	#5927.08	65.8 PK	68.2	-2.4	2.51 V	360	62.9	2.9

REMARKS:

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



16 測試配置照片

產品的測試配置照片請參照 Test Setup Photo.

17 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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